Technical Memorandum: Off-Site Piezometer Installation and Water-Level Monitoring Martin State Airport Middle River, Maryland

Prepared for:

Lockheed Martin Corporation

Prepared by:

Tetra Tech, Inc.

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Michael Martin, P.G.
Regional Manager

Anthony Apanavage
Project Manager

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ACRONYMS

BE	barometric efficiency
DPT	direct push technology
EC	electrical conductivity
FMC	Frog Mortar Creek
HASP	Health and Safety Plan
IDW	investigation derived waste
Lockheed Martin	Lockheed Martin Corporation
MDE	Maryland Department of the Environment
MRC	Middle River Complex
MSA	Martin State Airport
MSL	mean sea level
mS/m	milliSiemens per meter
NAVD88	North American Vertical Datum of 1988
PVC	polyvinyl chloride
Tetra Tech	Tetra Tech, Inc.
VOC	volatile organic compounds

Section 1
Introduction

On behalf of Lockheed Martin Corporation (Lockheed Martin), Tetra Tech Inc. (Tetra Tech) has prepared this technical memorandum detailing the installation of off-site groundwater piezometers and long-term monitoring of surface water levels in Frog Mortar Creek (FMC) and groundwater levels in the surficial aquifer at the Dump Road Area and peninsula east of the Dump Road Area. These tasks were completed as part of the on-going hydrologic characterization of Martin State Airport (MSA) located in Middle River, Maryland (Figure 1-1). The off-site work was conducted on privately-owned property 3301 Edwards Lane located on a peninsula of Bowleys Quarters, east of the Dump Road Area and across FMC. Although there have been previous extensive hydrologic studies conducted at MSA, hydrogeologic conditions are largely unknown in the surficial aquifer east of the airport beneath FMC and beneath the peninsulas east of FMC.

The objective of the piezometer installation and water level data collection was to aid in the understanding of off-site, surface water and shallow groundwater characteristics such as surface water/groundwater elevations and vertical hydraulic gradients within the surficial aquifer on both the east and west sides of FMC. Additionally, the installation of piezometers at the off-site locations and subsequent measurement of water levels were used to evaluate the extent to which groundwater in the surficial aquifer at those monitoring points is tidally-influenced. The data are briefly presented in this memorandum and will be used more extensively for groundwater modeling studies.

This memorandum is organized as follows:

Section 2 – Site Overview: Presents a brief description of site history, subsurface conditions, and previous investigations;

Section 3 – Investigation Approach and Methodology: Presents the technical approach applied during the installation of the piezometers and monitoring, and a description of the field methodology employed;

Section 4 – Results: Presents a summary of the findings of the investigation;

Section 5 – Summary: Presents a summary of the findings of the investigation; and

Section 6 – References: Cites references used to develop this memorandum.

Map Document: (K:\GProject\MartinStateAirport-LMC\MapDocs\MXD\Maps\MiddleRiver_Conrads_RuthVilla_LocationMap Fig 1-1.mxd)



Source: Google Earth Pro, 2008

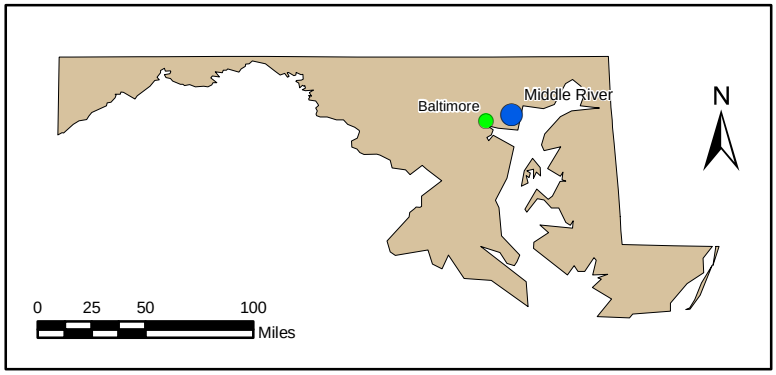


FIGURE 1-1

STUDY AREA LOCATION MAP

Lockheed Martin, Martin State Airport
Middle River, Maryland

DATE MODIFIED:	CREATED BY:
3/26/12	LR

TETRA TECH

Section 2
Site Overview

2.1 SITE LOCATION AND DESCRIPTION

The off-site study area is located on privately-owned property 3301 Edwards Lane located on a peninsula of Bowleys Quarters along the eastern shore of FMC and northeast of the Dump Road Area of MSA (see Figure 1-1). FMC joins the Chesapeake Bay south of MSA.

Prior work conducted at MSA (former Glenn L. Martin Airport) in Baltimore County, Maryland, identified three contiguous groundwater plumes containing volatile organic compounds (VOCs) and 1,4–dioxane. The plumes are located in the southeastern portion of the airport between the main airport runway and FMC. Three identified sources of VOCs in groundwater are Pond #1 near FMC, a fill area in the median area located between the airport's Main Runway and Taxiway Tango, and a former drum burial site further southeast near FMC. The groundwater plumes are migrating towards the western shore of FMC. Hydrogeologic conditions are known in the Dump Road Area of MSA as detailed in the draft Remedial Investigation Report (Tetra Tech, 2010a). However, the hydrogeologic conditions are largely unknown in the surficial aquifer east of the airport beneath FMC and beneath the peninsulas east of FMC.

According to Maryland Department of the Environment (MDE) records, two water-supply wells have existed on the 3301 Edwards Lane property, located on the eastern shoreline of FMC across from MSA. 3301 Edwards Lane is a private recreational park that is rented out for special events throughout the year. A 50-foot deep water-supply well was installed at 3301 Edwards Lane in 1978 (Permit No. BA-73-5786). A newer, 68-foot deep well was installed in 1992 (Permit No. BA-92-0795) to replace the first well after coliform bacteria was detected in a sample collected by the county from the first well. In 1998, the newer well was sampled by MDE for volatile organic compounds. No analytes were detected. The 1992 well was "filled in" by the owners when 3301 Edwards Lane was connected to the public water supply system in 1998. A third well was installed at the property in December 2008, and is listed for geothermal use. The geothermal listing indicates that this well is used for heating and cooling and not for water supply. Recent

(2010) water bill records were found for 3301 Edwards Lane, and 3300 Edwards Lane Parkside. These records indicate that both commercial operations at the end of Edwards Lane are supplied by public water.

2.2 REGIONAL GEOLOGIC AND HYDROGEOLOGIC CONDITIONS

MSA is located in the western shore of the Coastal Plain Physiographic Province. Regional and local studies (Vroblesky and Fleck, 1991; Chapelle, 1985) indicate that the MSA facility is underlain by the Patapsco Formation. This formation consists of complex and interbedded mixtures of gray, brown, and red sands, silts, and clays originating from the deposition of sediment in a low coastal plain traversed by low-gradient meandering streams.

Below the Patapsco Formation, is a regionally-extensive, thick, clay confining unit known as the Arundel Formation. It is a massive and low permeability unit underlying the site and surrounding area. The Arundel Formation outcrops northwest of the site, and dips and thickens to the southeast. The Arundel Formation extends as far east as Cambridge, Maryland, where it is over 600 feet thick. This formation typically has a low permeability and is expected to limit the downward movement of any constituents found in the surficial aquifer. Lithologic information obtained from a deep borehole advanced at Lockheed Martin's Middle River Complex (MRC), located adjacent to and west of MSA, indicates that the thickness of the Arundel Formation is approximately 100 feet in the MSA area. This is consistent with regional studies that indicate that the thickness of the Arundel Formation may reach 150 feet thick in the MSA area (Vroblesky and Fleck, 1991; Chapelle, 1985). Based on the deep MRC boring, the top of a thick contiguous clay, which is assumed to be the top of the Arundel Formation, was encountered at a depth of 196 feet below grade or an approximate elevation of 176 feet below mean sea level (MSL). The base of the Arundel Formation (i.e., the top surface of the deeper Patuxent Formation) in the boring was encountered at a depth of 291 feet below grade or an approximate elevation of 271 feet below MSL. This bottom elevation is comparable to the estimated Arundel Formation base elevation of 255 feet indicated in Vroblesky and Fleck (1991) and Chapelle (1985).

Below the Arundel Formation is the Patuxent Formation. The Patuxent Formation is a multi-aquifer unit due to various interbedded sand and silt/clay layers and the rapid changes of

deposited material types over short distances. Permeable, sand-rich units range from bounded sand sheets to isolated sand bodies (Glaser, 1969). In the MSA area, potentiometric maps of the Patuxent Formation indicate groundwater flow to the south and southwest in response to industrial wells withdrawing water to the southwest and west of the site (Chapelle, 1985 and Curtin, 2006).

2.3 SUBSURFACE CONDITIONS

At MSA, numerous shallow and deep soil borings have been completed to collect soil samples for lithologic information and chemical analyses. Based on the previous studies conducted at the property, the subsurface geology at MSA consists of highly heterogeneous mixtures of unconsolidated sediments consisting of gravels, sands, silts, and clays. A layer of fill, consisting of heterogeneous sands, silts, and clays, overlies native soils.

Based upon review of boring logs for wells MW5, DMW7S, and MW7, a heterogeneous mixture of clay, silt and some silty sand is predominantly present to a depth of approximately 25 feet below grade (5 feet below MSL), underlain by poorly graded fine sand with occasional silt lenses to a depth ranging from approximately 32 to 42 feet below grade (11 feet to 21 feet below MSL). At wells DMW7S and MW7, silt and clay was predominant from 32 feet to a depth of 39 feet (11 feet to 18 feet below MSL). At well MW5, the geology predominantly consisted of poorly graded, fine sand to 42 feet below grade (19 feet below MSL) at its termination point.

All wells are screened in the surficial aquifer system (the Patapsco Formation), but at different elevations to provide hydrologic and chemical data across the entire water-bearing zone. For data evaluation and correlation, the aquifer is divided into upper, intermediate, and lower surficial aquifer zones. Thirty-three (33) groundwater monitoring wells (DMW1A, DMW2A, DMWlS through DMW11S, MW2 through MW7, MW15S through MW18S, MW20S, MW23S through MW26S, MW32S through MW34S, RW1S and OW1S) are screened in the upper surficial aquifer, which is the portion from the ground surface to an elevation of approximately 15 feet below MSL. In general, the upper surficial aquifer consists of fill that occurs within the uppermost 10 to 20 feet below grade, and native soils beneath the fill materials. Locally (e.g. DMW7S and MW7) an 8-foot thick, low-permeability zone (aquiclude) is present between the upper surficial aquifer and the intermediate surficial aquifer. In some areas of the site, the aquiclude restricts groundwater flow, and retards contaminant movement between the upper and

intermediate surficial aquifer zones. However, the low-permeability zone is localized and limited in its extent and was not encountered at MW5, thus could potentially provide a direct pathway for migration to deeper zones from surface-released chlorinated solvents. Twenty-nine (29) wells (DMW1A, DMW2A, MW1, MW2, DMW3I through DMW11I, MW14I through MW26I, MW28I, RW1I, and OW1I) are screened in the intermediate surficial aquifer, which is the portion at elevations between 15 and 45 feet below MSL. Twenty (20) wells (DMW1B, DMW2B, DMW3D through DMW9D, MW14D through MW23D, and MW26D) are screened in the lower surficial aquifer, which is the portion at elevations from approximately 45 feet below MSL to 73 feet below MSL. At an elevation of approximately 45 feet below MSL, a thin, clay, aquitard is located between the intermediate and lower surficial aquifers.

The results of the MSA Deep Groundwater Investigation study (Tetra Tech, 2010a) indicated that alternating sand and silt aquifers and clay aquitards are present beneath the lower surficial aquifer. Lithologic data from four deep wells indicate the presence of 6 to 40 feet of clay beneath the lower surficial aquifer. Beneath this clay bed are a series of alternating sand and clay layers with top surfaces occurring at approximate elevations of 120 to 130 feet below MSL (sand), 140 to 160 feet below MSL (clay), 190 feet below MSL (sand), 197 to 205 (clay) below MSL, and 245 feet below MSL (sand at MW29D only).

Geotechnical analyses of samples describe the clay below the lower surficial aquifer as reddish-brown clay and grayish-brown clay. Sand contents for the well MW30D samples were 3 to 36 times greater than the MW31D samples. Permeability tests on the underlying clay indicate low, vertical permeabilities ranging from 2.2×10^{-8} to 13.0×10^{-8} centimeters per second. The vertical permeabilities for both 168-foot samples from MW30D and MW31D are similar, but are slightly greater than the permeabilities reported for shallower clay samples collected at depths of 78 and 158 feet. The lower permeabilities for the shallower samples appear to be related to higher plasticity indices for these samples.

Groundwater in the deep confined aquifer flows in a southeasterly direction, which indicates that the deep wells are hydraulically downgradient of VOC contamination in the lower surficial aquifer. Therefore, contaminants potentially introduced to the lower confined aquifer from the lower surficial aquifer (i.e., area of wells DMW1B, DMW8D, and DMW4D) are expected to be monitored effectively using the deep well locations. Groundwater elevations for one surficial

aquifer/confined aquifer well pair (MW28I and MW27D) indicate an upward hydraulic gradient of 0.0035 feet per foot.

Section 3
Investigation Approach and Methodology

The investigation described in this memorandum includes activities to obtain data to further evaluate groundwater flow in the vicinity of the Dump Road Area. The overall objective of this investigation is presented in Section 1. The site activities conducted for this study were as follows:

- Providing site access and utility locating;
- Measuring soil specific conductance and advancing soil borings using direct-push technology (DPT);
- Installing piezometers;
- Installing a standpipe in FMC;
- Installing water level data loggers/downloading water level data;
- Surveying of piezometer and FMC standpipe locations; and,
- Evaluating and reporting of results.

The study included installing piezometers at 3301 Edwards Lane and water level data loggers in three wells at the Dump Road Area, a FMC standpipe and at all six 3301 Edwards Lane piezometers to evaluate hydrogeologic conditions in the surficial aquifer. As stated in Section 1, the overall objective of the study is to evaluate off-site surface water and shallow groundwater characteristics including water elevation information and vertical hydraulic gradients within the surficial aquifer on the east side of FMC.

3.1 FIELD METHODOLOGY

3.1.1 Mobilization/Demobilization

Tetra Tech procured the required subcontractors and began mobilization activities. Mobilization/demobilization was initiated in the week of March 29, 2010 and included the following:

- Coordinating with Lockheed Martin personnel and property owners;
- Obtaining utility clearance in the proposed piezometer boring locations using a private utility locating firm along with calling Miss Utility;
- Photo-documenting site conditions prior to the start of drilling activities;
- Mobilizing drilling subcontractors, equipment, and materials to the site;
- Implementing a site Health and Safety Plan (HASP);
- Demobilizing equipment and materials from the site (at work completion);
- Performing general site clean-up and removal of trash (at work completion);
- Performing surface restoration and landscaping as necessary (at work completion); and
- Photo-documenting site conditions at work completion.

The Field Operations Leader coordinated the mobilization/demobilization activities. These activities included initiating and conducting equipment inventories to ensure the equipment was available, purchasing and leasing equipment as required, and staging of equipment for efficient loading and transport to the site and after each field activity was completed.

Prior to the commencement of field operations, the appropriate Tetra Tech personnel became familiar with the March 2010 HASP for Lockheed Martin Soil and Groundwater Characterization (Tetra Tech, 2010b) and the respective Safe Work Permits included in the HASP. Prior to the field activities, Tetra Tech conducted a mandatory health and safety tailgate meeting. Subcontractors present for the field activities were included in the meeting. Documentation of pertinent topics and personnel in attendance was maintained by the Tetra Tech site health and safety officer.

3.1.2 Site Access, Permits and Utility Clearance

Prior to initiating work, all required access agreements and permits necessary to conduct the proposed field activities were secured. In addition, all required utility clearance activities were completed. Utility clearance work and documentation conformed to the provisions of Lockheed Martin's *Remediation Contractor's ESH Handbook, Revision 1*.

Prior to initiating any intrusive field activities related to this investigation, Tetra Tech obtained all of the required clearances and permits including the following processes:

- Notified the underground utility location center Miss Utility (1-800-257-7777; www.missutility.net). The Miss Utility clearance notification is provided in Appendix A.
- Reviewed available County engineering and utility maps.
- Completed the Corporate Staff Procedure CS-28 Digging Project form and obtained the required signatures. This scope of work, however, was not conducted on Lockheed Martin property and signatures of Lockheed Martin representatives were at the discretion of the approving personnel. Completed and approved digging forms are provided in Appendix A.
- Obtained any necessary permits from the State of Maryland (e.g., state well permits).
- Used a private utility locating firm to identify any subsurface utilities/anomalies. The private utility locating report is provided in Appendix B.

Access to the 3301 Edwards Lane area was arranged through Mr. Fred Conrad and Lockheed Martin. No access controls or restrictions were imposed on Tetra Tech during this investigation. The piezometer installation proceeded without interruption and was completed within one week.

Prior to initiating any intrusive field activities, piezometer boring locations were cleared for subsurface utilities. In addition to securing a Miss Utility ticket, a private utility locating service (Enviroscan, Inc.) was used to mark any underground utilities and anomalies. The purpose of the survey was to locate any metallic and non-metallic utilities or anomalies. The private utility locating firm used typical utility locating equipment representing the best available technology including a Fisher TW-6 electromagnetic pipe and cable locator/tracer, a Radiodetection C.A.T. and genny pipe and cable locator/tracer, a Radiodetection RD4000 Multi-Frequency pipe and cable tracer and a GSSI SIR-2000 ground penetrating radar system. All utilities within a 30-foot radius of each designated piezometer group were located using the appropriate technology and

marked with paint of standardized utility colors. Locations were slightly offset in the field based on the subsurface utility mark out.

Prior to initiating any drilling activities, Tetra Tech obtained the necessary governmental permits required for the piezometer installation (i.e., State of Maryland well permit obtained via Baltimore County Health Department). Tetra Tech initiated the application process concurrently with the work plan preparation to facilitate timely approval of the permits.

3.1.3 Piezometer Installation

Six piezometers were installed, three in each of two cluster locations [PZ-1(S), PZ-1(I), and PZ-1(D) and PZ-2(S), PZ-2(I), and PZ-2(D)] at 3301 Edwards Lane (Figures 3-1 and 3-2). At each cluster location, a Geoprobe® Model 8800 DPT rig fitted with an electrical conductivity (EC) probe was used to advance pilot borings SB-1-Pilot and SB-2-Pilot to a depth of no more than 100 feet below grade to obtain an indication of soil stratigraphy. However, due to probe refusal by dense subsurface soils, SB-1-Pilot and SB-2-Pilot were advanced to depths of only 68 and 53 feet below grade, respectively. Based on the indicated soil stratigraphy of the pilot borings and the elevations of Dump Road Area wells, the screened intervals were determined for the shallow (S), intermediate (I), and deep (D) piezometers. Tetra Tech contacted Lockheed Martin and the Managing Contractor to discuss the EC results and to select the screened intervals and piezometer depths. The EC survey results are provided in Appendix C.

After completing the EC pilot borings, piezometer boreholes were advanced using the same DPT drilling methods. No investigation derived wastes (IDW) (e.g., soil cuttings, groundwater, drilling fluids, or decontamination fluids) were generated as part of the borehole construction and piezometer installation processes. Additionally, no soil samples were collected during advancement of the DPT tools and the installation of the piezometers.

Piezometers were constructed of 1.5-inch diameter, Schedule 40, polyvinyl chloride (PVC) plastic casing with 10-foot long sections of 10-slot (0.01 inch) PVC screen. All six piezometers were screened in the surficial aquifer (located in the Patapsco Formation). The PVC screen was surrounded with pre-packed, #1 silica sand from the bottom to the top of the screen. Attached to the top of the screen was a threaded, two foot-long, pre-packed, bentonite pellet sleeve that surrounds a 2-foot section of 1.5-inch solid PVC casing. The bentonite sleeve was installed in the

saturated zone and self-expanded after contacting groundwater to form a water-tight seal between the casing the DPT borehole. The remaining borehole annulus from the top of the bentonite seal to the ground surface was backfilled with bentonite chips. The piezometers were completed with steel, flush-mounted, protective covers set flush with the ground surface. No development of the piezometers was conducted. Additional details of the piezometers are provided in Table 3-1. Piezometer construction diagrams are provided in Appendix D. Photographs of the DPT drilling operations, piezometer installation, pre-pack well system, and site restoration are provided in Appendix E.

When directed by Lockheed Martin and their Managing Contractor, Tetra Tech will decommission and seal all piezometers in accordance with the applicable Maryland well abandonment regulations. The piezometers will be filled with bentonite grout, the concrete pads and surface casings will be removed, and the area will be restored to its original condition using clean soil, grass, and sod.

3.1.4 Water Level Data Loggers

3.1.4.1 Installation

The newly-installed piezometers and Dump Road Area wells DMW4S, DMW4I, and DMW4D were fitted with electronic water level data loggers capable of measuring, recording, and storing water level data. Loggers used for monitoring water levels were the In-Situ® Inc., LevelTROLL 700 pressure transducer/datalogger rated at 0-30 pounds per square inch or 0 to 67 feet of water (rating is for the depth of water submergence for the unit). All transducer/datalogger units were vented and were installed with vented cables. To prevent damage to the data logging equipment, all units installed in the piezometers were housed below the ground surface within the flush-mounted well cover. The datalogger for FMC was also placed in a locked, perforated, steel standpipe installed at Parkside Marina dock to record surface water levels of FMC during the same period and measurement frequency as the piezometers and Dump Road wells.

Additionally, a data logger that measures and records atmospheric barometric pressure was installed in well DMW8S at the Dump Road Area to record atmospheric pressure fluctuations during the monitoring period. The barometric pressure logger was installed approximately 8 feet below the top of the well casing, which was approximately 5 feet below grade and 10 feet above

the groundwater surface (i.e., the unit was not submerged in the groundwater). Barometric pressure was recorded during the entire monitoring period because previous analyses of Dump Road groundwater level data demonstrated substantial groundwater level responses to fluctuations in barometric pressure. Current groundwater level data may require corrections for barometric pressure fluctuations before further data analyses are performed for tidal analyses or for numerical modeling.

The loggers were installed on June 2-4, 2010. Prior to the monitoring period, groundwater or surface water levels were measured manually using an electronic water level meter graduated to 0.01 feet to determine the initial "depth to water" from the top of casing for each piezometer/well/standpipe. The pre-monitoring water level for a location is used to set the data logger reference level for the monitoring period. Additionally, the internal clock of each logger was synchronized in accordance with Eastern Standard Time obtained via Verizon, Inc. The loggers were programmed to record and store water levels every quarter hour (e.g., 12:00, 12:15, 12:30, 12:45, and 13:00, etc.).

Early review of the logging data indicated that the unit used for PZ-1(S) was not accurately measuring the groundwater level determined manually using the electronic water level meter. The unit was replaced, and logging for PZ-1(S) was restarted with a new unit on June 14, 2010. The units were removed from all monitoring locations on July 6, 2010, after completing one month of data collection.

3.1.4.2 Data Collection

The date, time, pressure, temperature, and water level data were downloaded from each unit to a computer, and the water levels were converted from "depth to water" measurements to a standard reference datum [i.e., elevation per North American Vertical Datum of 1988 (NAVD88)] based on the land survey results discussed in Section 3.1.5. The water levels for all loggers were converted to elevations for further evaluation by the MSA groundwater modeling team. The water level and barometric pressure data are provided in Appendix F.

3.1.5 Surveying

Subsequent to the piezometer installation, a professional field surveying company was contracted to provide horizontal and vertical coordinates for each new piezometer location. A qualified,

Maryland-licensed, land surveying firm performed the piezometer surveying. The surveyed locations were accurate to the nearest 0.01 foot for vertical elevations using NAVD88 and 0.1 foot for horizontal coordinates in the North American Datum of 1983 at the top of the well casings. A permanent mark was placed at the surveyed point of each piezometer, which was at the highest point of the interior casing. Ground elevations at the piezometers were surveyed with a vertical accuracy of 0.1 foot. The survey report is provided in Appendix G.

3.1.6 Documentation

A master Site Logbook, which serves as an overall record of field activities, was maintained for the site. Photo-documentation of site conditions was performed prior to the set-up of any drilling equipment and again following demobilization and site restoration. This documentation allowed for comparison of conditions before and after the work by the Tetra Tech, the Owner, Lockheed Martin and the Managing Contractor. Photographs of the investigation are provided in Appendix E.

3.1.7 Equipment Decontamination

Decontamination of equipment was not conducted per the agreement with the property owner and as a condition to obtain access to the property for the installing the piezometers and conducting the water level monitoring program.

3.1.8 Waste Management

Drilling for piezometer installation was by DPT methods. All equipment, surplus piezometer installation materials, and trash from material packaging were removed from the 3301 Edwards Lane property at the end of the piezometer installation program. There was no IDW (e.g., soil cuttings, groundwater, drilling fluids, decontamination fluids, development water) generated during the drilling/piezometer installation or water level monitoring activities.

3.1.9 Site Restoration

Site restoration was completed as necessary and required by Lockheed Martin following completion of the field investigation to match original site conditions. Every effort was made to minimize disruption of landscaped areas in the vicinity of 3301 Edwards Lane. Off-road travel by heavy equipment including vehicles and the DPT equipment was minimized. Piezometer

locations were strategically placed off of a gravel parking area and a gravel road to eliminate equipment having to be mobilized across grass surfaces. Ground protection mats were employed to support the DPT equipment. Immediately upon completing the piezometer installation (and again as was necessary during the growing season), landscaped areas were restored to the pre-field activity conditions using clean, commercially available topsoil, grass seed/tack, and sod. Grass seed and sod were watered periodically until the grass was established at each piezometer area. The seed and sod were monitored periodically throughout the spring and summer of 2010 to maintain the condition of the newly established grass. Similarly, landscaping of impacted areas will be restored after the piezometers have been decommissioned and sealed.

Table 3-1
Piezometer Construction and Surveying Details
3301 Edwards Lane, Middle River, Maryland

Piezometer ID	Piezometer screen depth (feet below grade)		
	Shallow (S) interval	Intermediate (I) interval	Deep (D) interval
PZ-1	4.75 to 14.75	29.70 to 39.70	46.65 to 56.65
PZ-2	4.25 to 14.25	29.10 to 39.10	42.40 to 52.40
	Piezometer screen elevation[1]		
	Shallow (S) interval	Intermediate (I) interval	Deep (D) interval
PZ-1	-1.78 to -11.78	-26.48 to -36.48	-43.73 to -53.73
PZ-2	-1.94 to -11.94	-26.77 to -36.77	-40.06 to -50.06
	Elevation— outer casing/well casing[1]		
	Shallow (S) interval	Intermediate (I) interval	Deep (D) interval
PZ-1	2.97 / 2.77	3.22 / 3.02	2.92 / 2.72
PZ-2	2.31 / 2.11	2.33 / 2.13	2.34 / 2.13
Tide gage	— / 2.83		
	Horizontal coordinates— northing / easting[2]		
	Shallow (S) interval	Intermediate (I) interval	Deep (D) interval
PZ-1	605455.41 / 1480759.61	605457.01 / 1480759.07	605453.61 / 1480760.35
PZ-2	605079.65 / 1480839.28	605080.04 / 1480840.20	605079.21 / 1480838.59
Tide gage	605450.59 / 1480546.40		
	Measured depth to water—feet below top of well casing (time and date)[3]		
	Shallow (S) interval	Intermediate (I) interval	Deep (D) interval
PZ-1	2.54 (16:15 on 6/14/10)	2.56 (19:13 on 6/2/10)	2.56 (19:21 on 6/2/10)
PZ-2	1.71 (17:55 on 6/4/10)	2.09 (20:00 on 6/2/10)	2.07 (20:00 on 6/2/10)
Tide gage	3.48 (19:37 on 6/2/10)		
Barometer	Verizon weather for Washington, D.C: 29.83 inches of mercury (14:45 on 6/2/10)		
	Measured water elevation[1]—(time and date)		
	Shallow (S) interval	Intermediate (I) interval	Deep (D) interval
PZ-1	0.23 (16:15 on 6/14/10)	0.46 (19:13 on 6/2/10)	0.16 (19:21 on 6/2/10)
PZ-2	0.40 (17:55 on 6/4/10)	0.04 (20:00 on 6/2/10)	0.06 (20:00 on 6/2/10)
Tide gage	-0.65 (19:37 on 6/2/10)		

(1) North American Vertical Datum of 1988.
(2) North American Datum of 1983.
(3)The water level was used to set the data logger reference level for the monitoring period.

Map Document: (K:\GProject\MartinStateAirport-LMC\MapDocs\MXD\Maps\MSA offsite piezometer locations.mxd)

MARYLAND AIR NATIONAL GUARD

Gate

Gate

Gate

Gage

PZ-1(S)
PZ-1(I)
PZ-1(D)

3301 Edwards Lane

PZ-2(S)
PZ-2(I)
PZ-2(D)

Frog Mortar Creek

Dock/Pier

MW14I
MW14D

MW27D
MW28I

MW16S
MW16I
MW16D

MW17S
MW17I
MW17D

MW15S
MW15I
MW15D

POND #2

MW18S
MW18I
MW18D

MW4

Petroleum Hydrocarbon Area

DMW9I/DMW9S

DMW9D

DMW3I
DMW3S

DMW3D

POND #1

MW26S
MW26I
MW26D

DMW10I/DMW10S

MW20S
MW20I
MW20D

DMW2A/B

RW1S

OW1S

RW1I

DMW2S

OW1I

DMW4I

DMW4S
DMW4D

MW25S
MW25I

DMW8I

DMW8S
DMW8D

MW3

MW21I
MW21D

DMW1S

MW22I
MW22D

DMW1A/DMW1B

TAXIWAY TANGO

DMW5I

DMW5S
DMW5D

DMW11I
DMW11S

TT-11

MW23S
MW23I
MW23D

MW5

DMW7S

DMW7D

Drum Area

DMW6I

DMW6S
DMW6D

MW19I
MW19D

MW2

TT-12

TT-14

MW1

Gate

MW6

MW24S
MW24I

FIGURE 3-1

OFFSITE PIEZOMETER, MONTORING WELL AND TIDAL GAGE LOCATIONS

LEGEND

- MONITORING WELL
- TIDAL GAGE
- ABANDONED WELL
- OFFSITE PIEZOMETER
- WATER BODY

Lockheed Martin Martin State Airport
Middle River, Maryland

0 50 100 200 Feet

N

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FIGURE 3-2

PILOT BORING AND PIEZOMETER LOCATIONS AT 3301 EDWARDS LANE

LEGEND

- OFFSITE PIEZOMETER LOCATIONS
- STAFF GAUGE

Lockheed Martin, Martin State Airport
Middle River, Maryland

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Section 4
Results

4.1 PIEZOMETER INSTALLATION

Figure 4-1 is a cross section showing the locations of Dump Road wells DMW4S/I/D, piezometers PZ-2(S)/(I)/(D), the results of the SB-2-Pilot downhole EC measurements, and FMC. The figure shows that the PZ-2(S) and PZ-2(I) screens are located at equivalent elevations as the screened intervals of wells DMW4S and DMW4I. The screened interval for piezometer PZ-2(D) is approximately 10 feet shallower than DMW4D because of DPT rod refusal encountered at PZ-2(D) at a depth of 52.7 feet below grade [the screened interval for PZ-1(D) is 7 feet shallower than DMW4D because of probe refusal at 57 feet below grade]. Therefore, the vertical distances between the intermediate and deep piezometer screened intervals at a cluster [i.e., distances between PZ-1(I) and PZ-1(D); and between PZ-2(I) and PZ-2(D)] are 7 to 10 feet less than the vertical distance between the screened intervals at wells DMW4I and DMW4D.

As shown in Figure 4-1, PZ-2(S) is located at 4-14 feet below grade in a relatively high EC portion of the shallow subsurface (i.e., 22-40 milliSiemens per meter [mS/m]). These greater EC measurements indicate the presence of a lower permeability material. EC decreases rapidly to 12-14 mS/m at depths of 18-22 feet below grade, indicating the presence of a higher permeability material below 22 feet below grade. EC readings decrease to approximately 10 mS/m or less below a depth of 34 feet below grade. PZ-2(I) and PZ-2(D) are screened in these lower EC zones at approximately 29.1-39.1 feet and 42.4-52.4 feet below grade, respectively.

EC readings at SB-1-Pilot (see Appendx C) for piezometers advanced at PZ-1(S)/(I)/(D) were more consistent throughout the borehole length. EC readings for SB-1-Pilot ranged from approximately 5 mS/m at depths of 55-68 feet to 15-18 mS/m at 47 to 51 feet below grade. EC readings for a large portion of SB-1-Pilot (0-8 feet and 11-46 feet) occurred within the 5-10 mS/m range. The bottom depth of piezometer PZ-1(D) was 56 feet below grade, approximately 4 feet below the bottom depth of PZ-2(D).

A driller's soil log for a 200-foot deep geothermal well installed in 2008 at 3301 Edwards Lane (see Appendix H) lists clay at depths of 9-21 feet below grade (approx -6 to -18 feet NAVD88) and 45-55 feet below grade (approx -42 to -52 feet NAVD88). The geothermal well is located closest to the PZ-2 cluster. Sand and clay are reported at 75-105 feet below grade (approx -72 to -102 feet NAVD88). The driller's well log suggests that the "S" and "D" piezometers may be partially or predominantly installed in clay.

4.2 WATER LEVELS

Groundwater levels at six offsite piezometers and three Dump Road Area wells were evaluated with respect to barometric pressure, tidal fluctuations, and vertical hydraulic gradients. Groundwater levels in the piezometers and wells were found to respond to changes in barometric pressure and tides. Surface water levels in FMC also responded to fluctuations of barometric pressure and tides.

4.2.1 Barometric Pressure Corrections

Groundwater levels were evaluated with respect to variations in atmospheric pressure. Changes in atmospheric pressure can produce sizable fluctuations in wells penetrating confined or semiconfined aquifers. The relationship is inverse; that is, increases in atmospheric pressure produce decreases in water levels, and decreases in atmospheric pressure produce rising water levels (Todd, 1980). In conjunction with the surface water and groundwater level monitoring, barometric pressure readings were recorded every 15 minutes during the water-level monitoring period using a vented, electronic pressure transducer/datalogger equipped to measure and record barometric pressure.

Figures 4-2 and 4-3 are plots of barometric pressure and groundwater elevations for well DMW4S and piezometer PZ-2(S) installed in the shallow zone of the surficial aquifer. Throughout most of the monitoring period, barometric pressure fluctuated regularly between 33.75 and 34.25 feet of water (34 feet of water is equivalent to 30.01 inches of mercury). More extreme barometric pressure fluctuations occurred at the beginning (June 6-8) and end (June 26-July 2) of the monitoring period. Boxes labeled *A* and *B* on Figures 4-2 and 4-3 highlight these two extreme periods of barometric pressure fluctuations recorded during the study. Within box *A*, barometric pressure increases approximately 0.75 feet from approximately

33.50 to 34.25 feet. Within box *B*, barometric pressure decreases approximately 0.4 feet from approximately 34 to 33.6 feet then increases rapidly to approximately 34.35 feet. The figures show concurrent decreases and increases in the groundwater levels at both DMW4S and PZ-2(S). The groundwater level changes at these wells are also influenced by daily tidal fluxes. However, the effect of the rising and falling atmospheric pressure is to amplify or dampen groundwater level responses beyond those influenced by the tides.

To correct water level elevations for the effects of barometric pressure, it was first necessary to estimate the barometric efficiency (BE) of each well, and to calculate a correction based on variations in barometric pressure. There are several methods that can be used to estimate BE including both computational and graphical techniques (Gonthier, 2007). The slope method developed by Ferris et al., (1962) and modified by Hare and Morse (1999) was used to calculate BE for the wells and piezometers. Hare and Morse (1999) estimate BE by fitting a least-squares regression line through points of water levels on the y-axis and barometric pressures on the x-axis. The slope of the regression line is taken as the BE, which is typically expressed as a percentage.

To calculate the BE, barometric pressure and water levels versus time were plotted for each of the monitored wells. Time ranges of several hours were selected for each well during several periods when good correlations were observed between barometric pressure and water level fluctuations. These subsets of data were plotted on linear-linear axes with water levels as a function of barometric pressure. The slope of the regression line was taken as the BE.

The BEs computed for June 28-30 were used for the groundwater level corrections because this period was characterized by the largest change in barometric pressure (and greatest responses in groundwater levels), and typically provided the greatest regression coefficients of determination. The regression coefficient of determination is the fraction of the total squared error that is explained by the regression model, and is considered to be an indicator of the strength of the relation of the two variables--barometric pressure and the groundwater level.

BE values for all but two piezometers were greater than 80 percent, and ranged from 83.9-106.2 percent at DMW4D and PZ-2(D), respectively. These values are greater than typical BE values of 20-75 percent (Kruseman and de Ridder, 1990), and are likely influenced by the presence of

large tidal fluctuations in the groundwater level data. Therefore, the user of the corrected data must take into account some possible over-correction of the groundwater data for these wells. BE values of 3.3 percent and 53.8 percent were estimated for PZ-1(I) and PZ-1(S), respectively. These two BE values [for PZ-1(I) and PZ-1(S)] are considerably lower than the estimates for the other wells and piezometers used in the study. BE plots and a table of the BE values used for the corrections are provided in Appendix F.

Using the selected BE for each well, the raw elevation data were corrected for the monitoring period. Water levels were corrected by adding or subtracting the effect of rising or falling barometric pressure relative to the initial barometric pressure at the beginning of each test. Figures 4-4 and 4-5 show both the uncorrected and BE-corrected groundwater levels for well DMW4S and piezometer PZ-2(S). For DMW4S and PZ-2(S), the BE corrections typically resulted in slightly higher groundwater elevations than the uncorrected results. On occasion for DMW4S, BE-corrected groundwater elevations were lower than those of the uncorrected levels (e.g., late June). The corrections also dampened the overall or average trends in the groundwater data from June 23 to the end of the monitoring period for DMW4S. The uncorrected groundwater levels in PZ-1(I) are moderately consistent throughout the monitoring period and responded less than the other wells to the effects of tides and barometric pressure. The raw and BE-corrected groundwater level data and plots for all monitored wells and piezometers are provided in Appendix F.

4.2.2 Tidal Evaluation

Figures 4-6 and 4-7 are time-series plots of groundwater elevations for well DMW4S and piezometer PZ-2(S). The figures also include plots of FMC surface water elevation data recorded as part of the study. Water levels in FMC were recorded to determine whether tidal fluctuations also influence the groundwater levels.

As shown in the figures, groundwater levels at DMW4S and PZ-2(S) are influenced by lunar gravitational fluxes (i.e., tidal fluxes). The amplitudes of groundwater level fluctuations at PZ-2(S) are greater than those for DMW4S, and the level responses at PZ-2(S) show little or no lag time when compared to the FMC levels. Peak, high-tide elevations at PZ-2(S) frequently equal those of FMC; however, low tide elevations at PZ-2(S) were typically 0.5-1 feet greater than those for FMC. Both the greater amplitude and short lag time for PZ-2(S) are a function of

the shorter distance of PZ-2(S) to FMC and a function of the hydraulic conductivity of the subsurface material.

Table 4-1 shows the maximum, minimum and average (arithmetic mean) vertical hydraulic gradients computed for well cluster DMW4S/I/D and clusters PZ-1(S)/(I)/(D) and PZ-2(S)/(I)/(D) for the monitored period. A highlighted value in the table indicates a positive or upward hydraulic potential in the surficial aquifer. A positive hydraulic potential indicates that groundwater will flow from the deeper aquifer zone to the shallower aquifer zone at that well cluster locale. A negative hydraulic potential indicates that groundwater will flow from the upper aquifer zone to the lower aquifer zone. Negative vertical hydraulic gradients ranged from -9.85×10^{-4} for PZ-2I/2D to -4.49×10^{-2} for PZ-1I/1D. Positive vertical hydraulic gradients ranged from 1.38×10^{-4} for PZ-4I/4D to 5.77×10^{-2} for PZ-1I/1D. The results indicate that vertical hydraulic conditions at clusters were characterized by both upward and downward groundwater flow potentials and are influenced by tidal changes and extreme barometric pressure changes.

Figures 4-8 through 4-10 are plots of the computed vertical hydraulic gradients over time for the monitoring period. Only the shallow-intermediate (S/I) and intermediate-deep (I/D) surficial aquifer zones are plotted on the figures. The plots show relatively small ranges for the vertical gradient fluctuations for wells DMW4 and PZ-2 relative to those of PZ-1.

At DMW4 (Figure 4-8), groundwater flow potential is generally positive in the shallow-intermediate surficial aquifer zones (i.e., groundwater flow is upward from the intermediate aquifer zone to the shallow aquifer zone), with frequent but lower-magnitude negative flow potential (i.e., groundwater flow is downward from the shallow aquifer zone to the intermediate aquifer zone). Groundwater flow potential in the intermediate-deep surficial aquifer zones at DMW4 is generally negative (downward), with occasional periods of lower-magnitude positive (upward) flow potential.

As shown in Figure 4-9, vertical gradients at PZ-1 (3301 Edwards Lane) demonstrated the greatest range of fluctuations for the three monitored well/piezometer clusters. The plots show opposite trends for the shallow-intermediate and intermediate-deep surficial aquifer zones. The vertical hydraulic gradients at the beginning of the monitoring period for shallow-intermediate zones were predominantly negative (downward) but were frequently positive (upward) at the end

of June and early July. The trend was the opposite for the intermediate-deep surficial aquifer zones, where the early-time vertical hydraulic gradients were predominantly positive (upward) but changed to predominantly negative (downward) gradients at the end of June and early July.

At PZ-2 (see Figure 4-10), groundwater flow potential between the shallow-intermediate aquifer zones and intermediate-deep aquifer zones were almost always positive (upward). One exception is from June 16-17, when the vertical hydraulic gradients periodically were negative (downward) due to groundwater levels responding to the combination of a low tide (see Figure 4-7) and fluctuating barometric pressure.

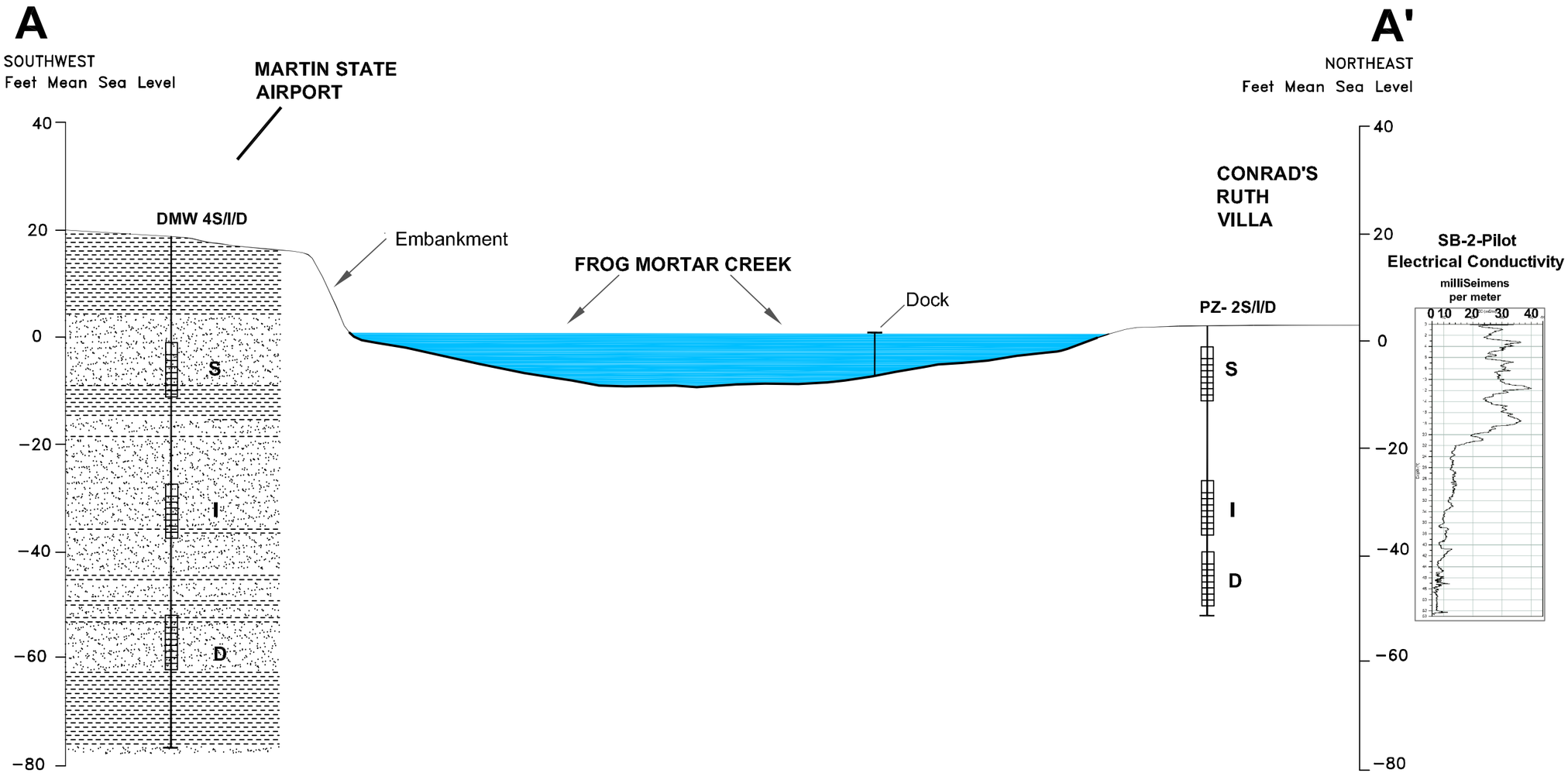
Table 4-1

Summary of Vertical Hydraulic Gradients for Well DMW4S/I/D and Piezometers PZ-1(S)/(I)/(D) and PZ-2(S)/(I)/(D)
Martin State Airport, Middle River, Maryland

	Vertical Hydraulic Gradient[(1)] Feet per Feet								
	DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Maximum	**1.82E-02**	**1.38E-04**	**8.80E-03**	**2.81E-02**	**5.77E-02**	**4.63E-03**	**3.55E-02**	**3.85E-03**	**2.36E-02**
Minimum	-6.71E-03	-2.08E-02	-1.32E-02	-3.45E-02	-4.76E-02	-6.94E-03	-2.49E-02	-9.85E-04	-1.55E-02
Mean	**4.49E-03**	-1.00E-02	-2.38E-03	-2.68E-03	**5.08E-03**	-8.08E-04	**1.18E-02**	**1.31E-03**	**8.13E-03**

Cells highlighted in black indicates a positive or upward vertical hydraulic gradient.

1 Values are maximum, minimum, and mean (arithmetic average) for the month long monitoring periods.



LEGEND

- SAND OR PREDOMINANTLY SAND MIXTURES
- CLAY OR PREDOMINANTLY CLAY MIXTURES
- PIEZOMETER OR WELL SCREEN
- SOIL BORING
- BORING TERMINUS

Horizontal Scale
0 100' 200'

Vertical Exaggeration 5X

FIGURE 4-1

CROSS SECTION A-A'

Lockheed Martin, Martin State Airport, Middle River, Maryland

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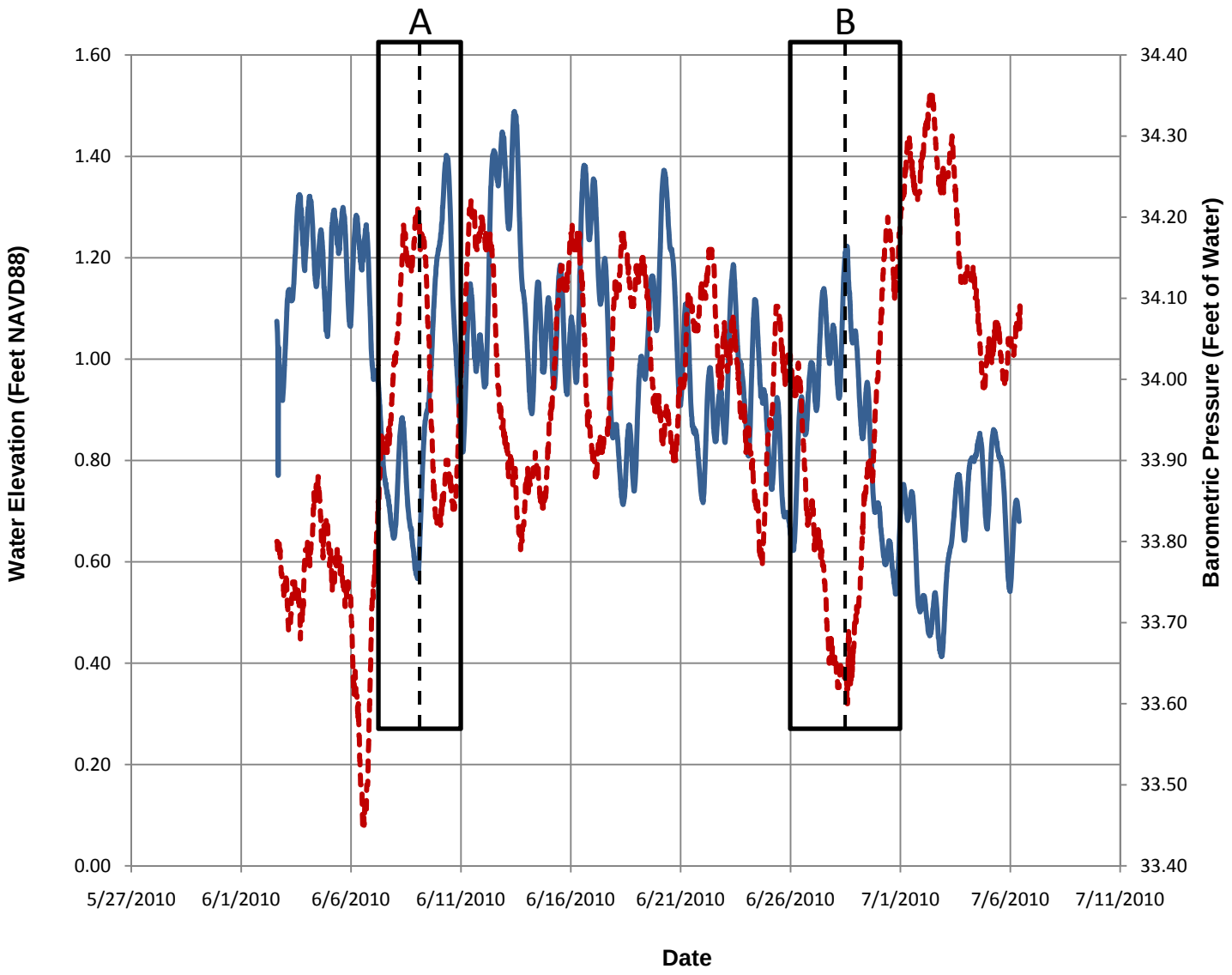


FIGURE 4-2

TIME SERIES PLOTS OF BAROMETRIC PRESSURE AND GROUNDWATER ELEVATION - WELL DMW4S

LEGEND

DMW4S-Groundwater Elevation

Barometric Pressure

Lockheed Martin, Martin State Airport, Middle River, Maryland

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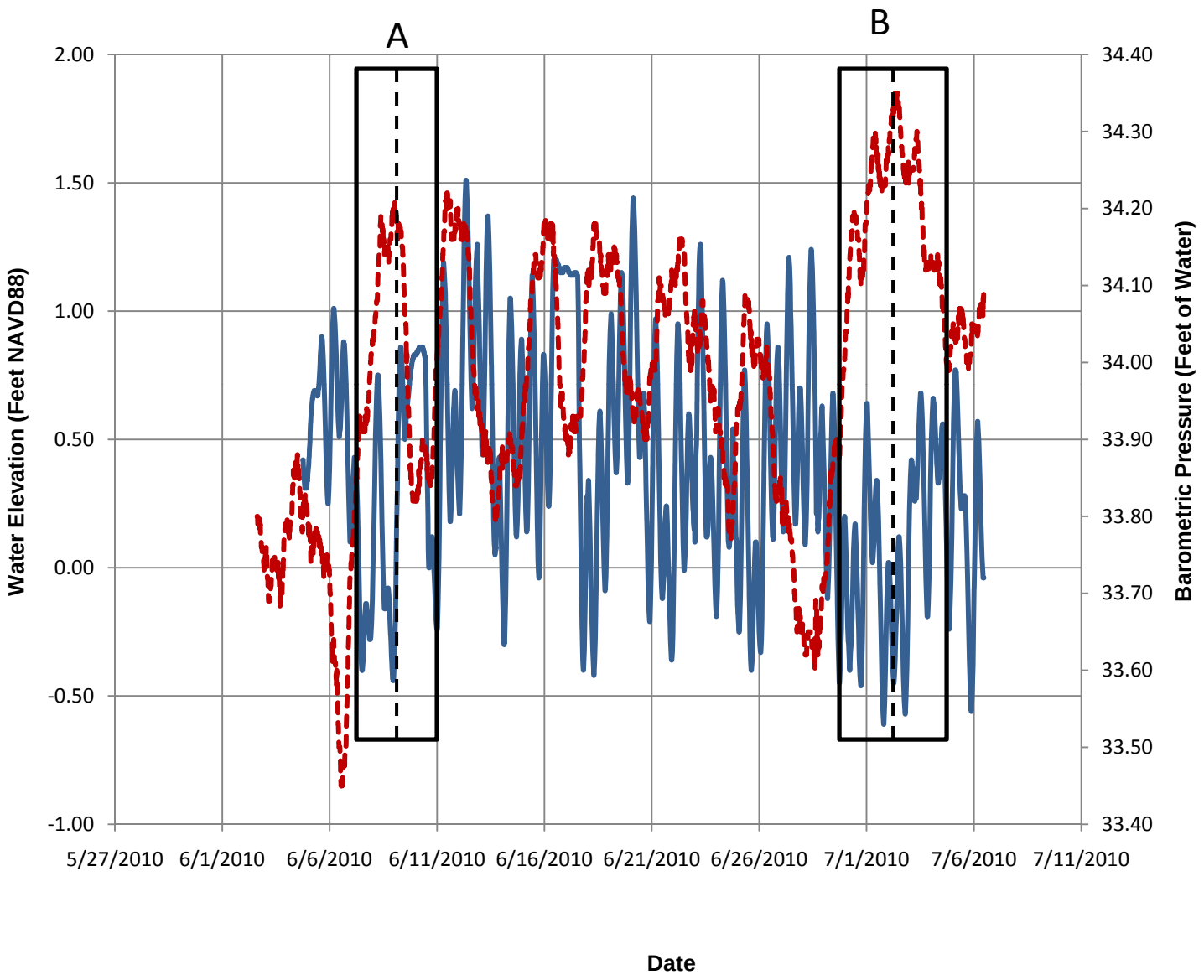


FIGURE 4-3

TIME SERIES PLOTS OF BAROMETRIC PRESSURE AND GROUNDWATER ELEVATION – PZ-2(S)

LEGEND

PZ-2(S)-Groundwater Elevation

Barometric Pressure

Lockheed Martin, Martin State Airport, Middle River, Maryland

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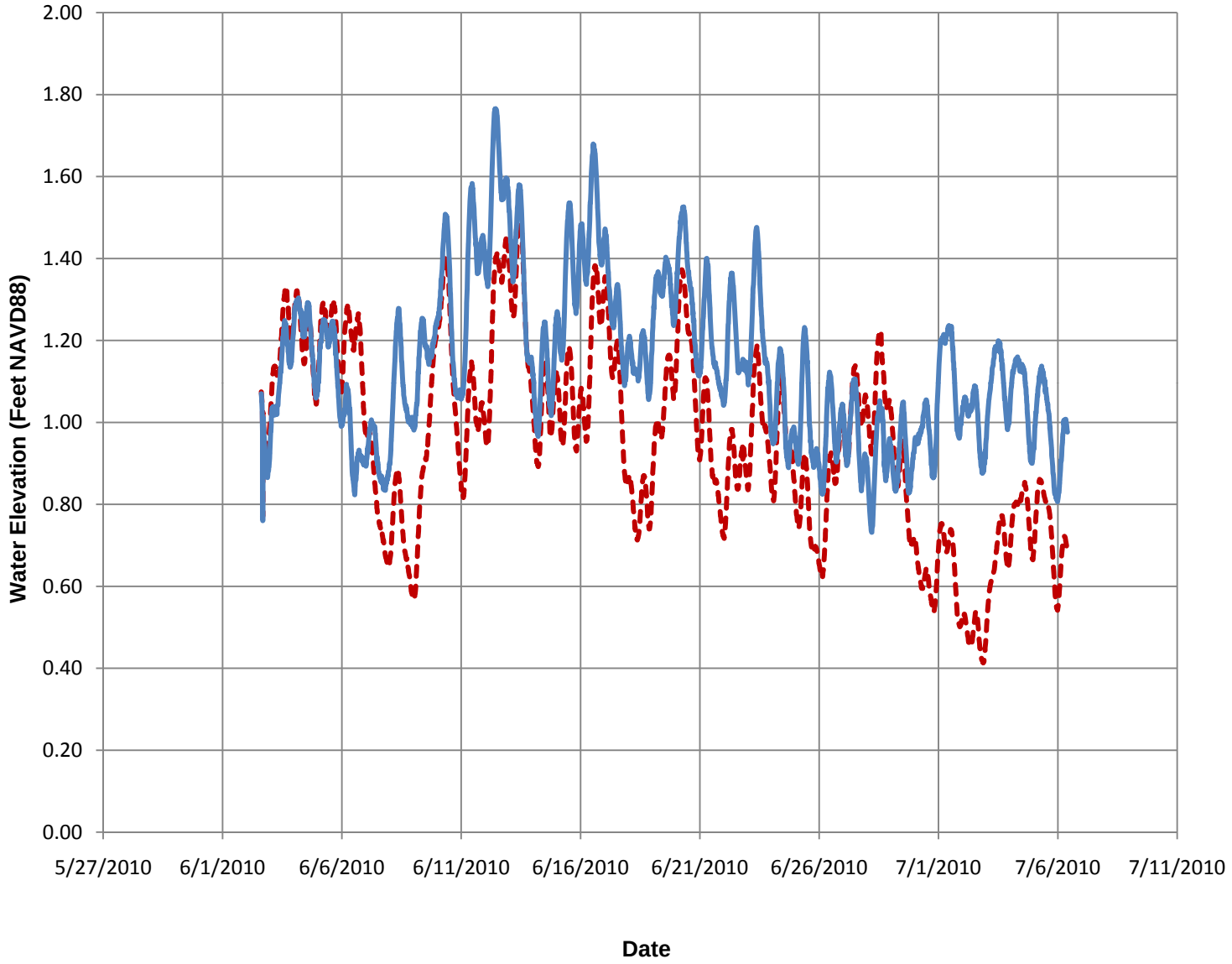


FIGURE 4-4

TIME SERIES PLOTS OF UNCORRECTED AND BE-CORRECTED GROUNDWATER ELEVATIONS - WELL DMW4S

LEGEND

- DMW4S - Uncorrected Levels
- DMW4s - BE Corrected Levels

Lockheed Martin, Martin State Airport, Middle River, Maryland

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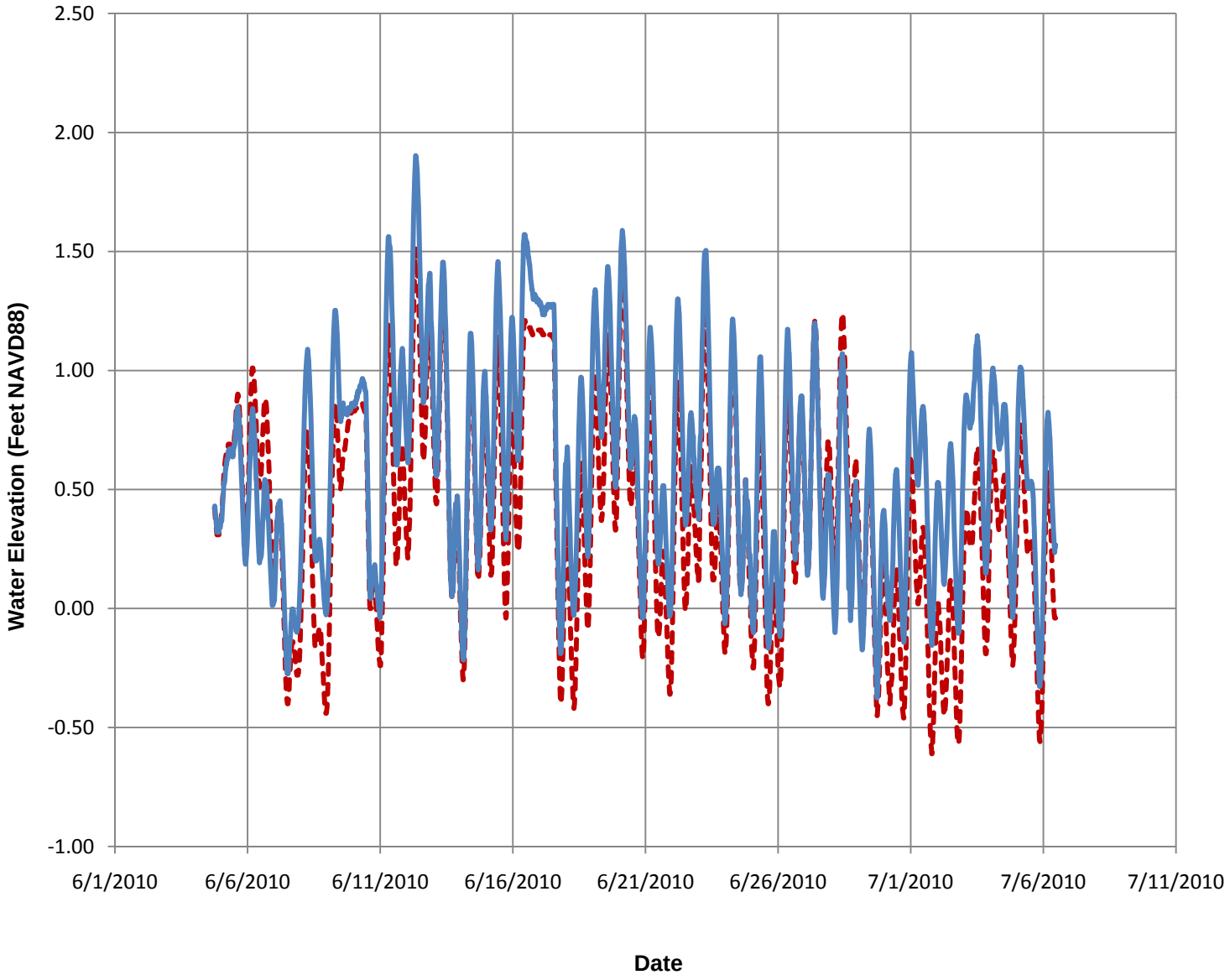


FIGURE 4-5

TIME SERIES PLOTS OF UNCORRECTED AND BE-CORRECTED GROUNDWATER ELEVATIONS – PZ-2(S)

LEGEND

- PZ-2(S) - Uncorrected Levels
- PZ-2(S) - BE Corrected Levels

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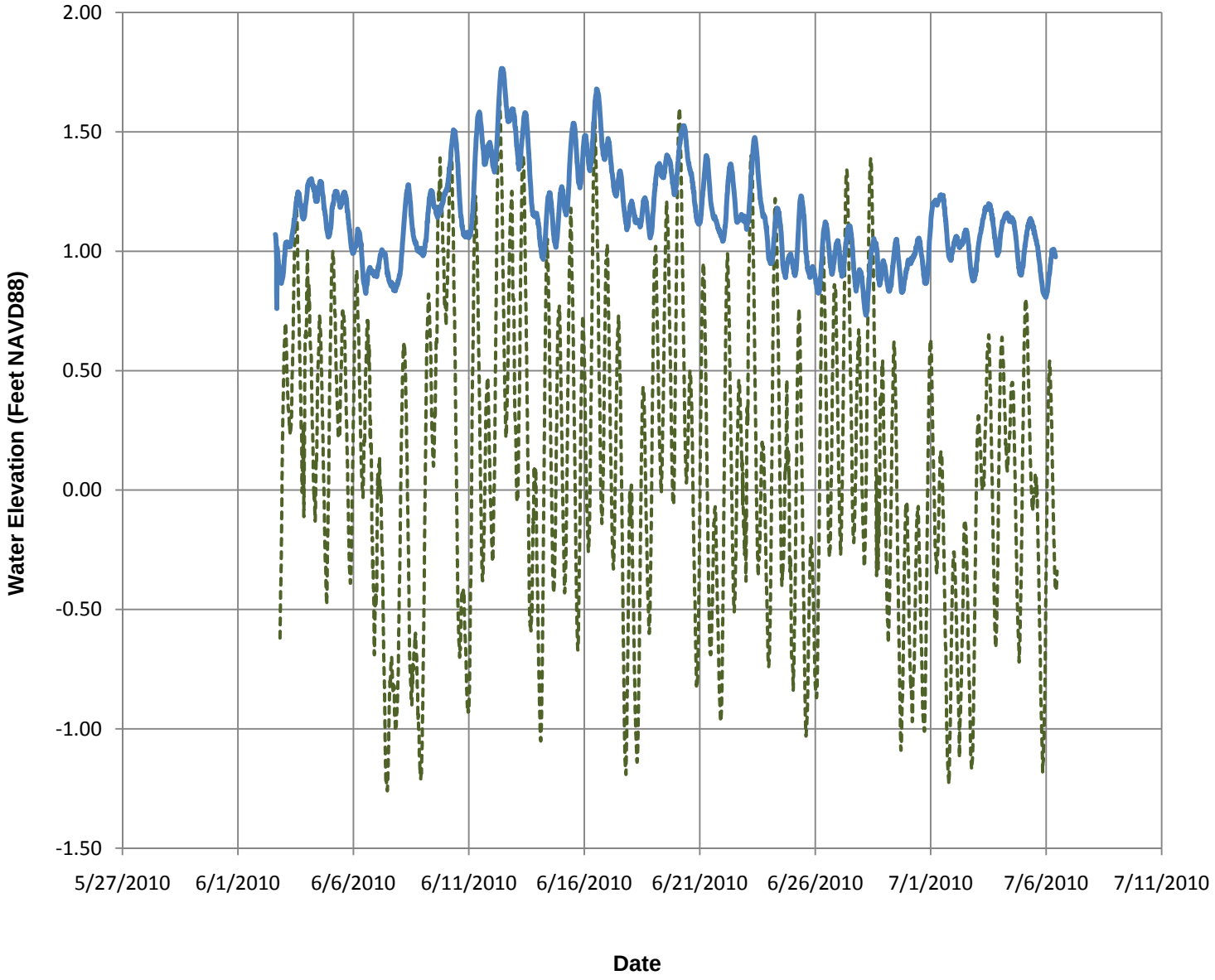


FIGURE 4-6

TIME SERIES PLOTS OF FROG MORTAR CREEK AND GROUNDWATER ELEVATION - WELL DMW4S

LEGEND

- Frog Mortar Creek Gage Levels
- DMW4S - BE Corrected Levels

Lockheed Martin, Martin State Airport, Middle River, Maryland

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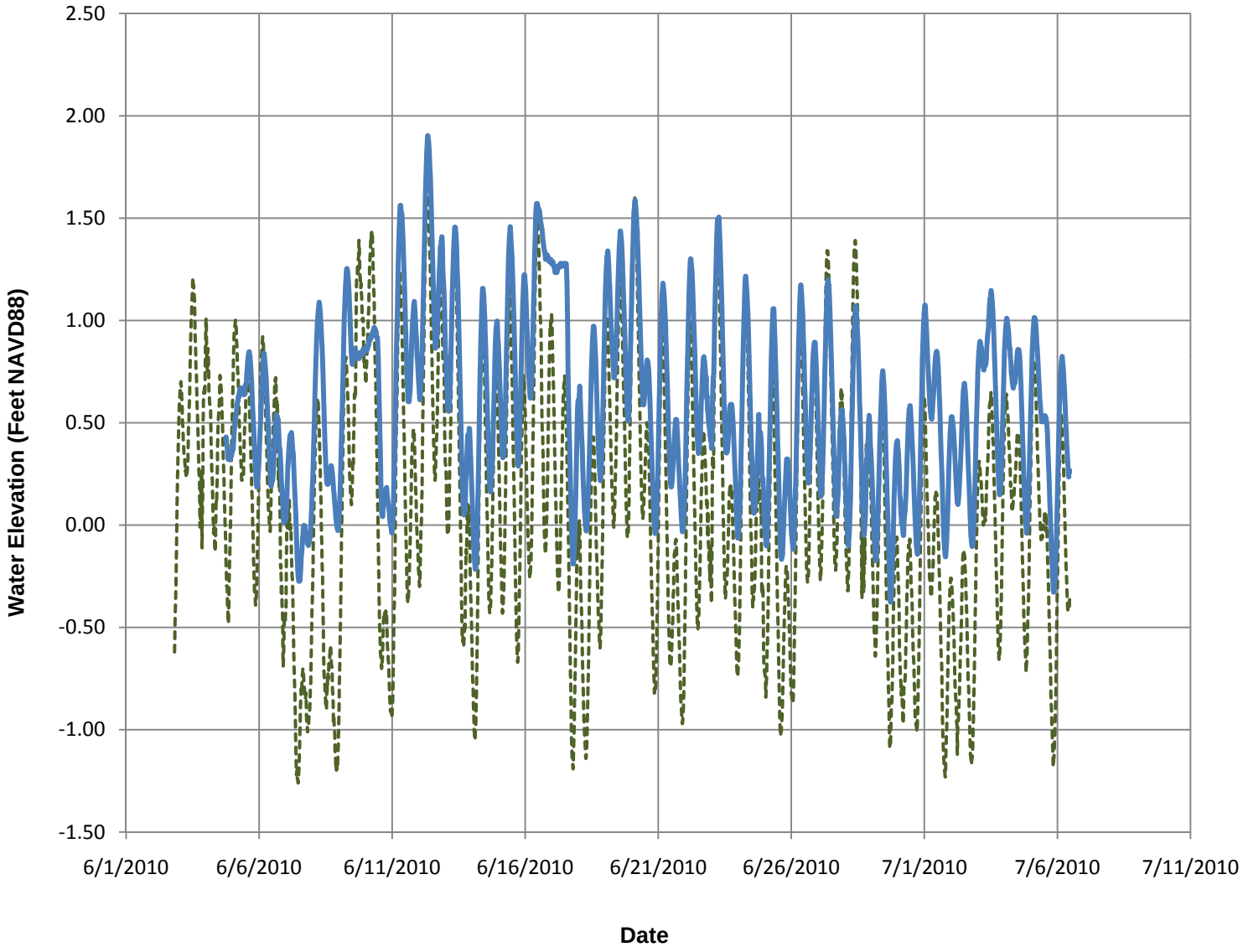


FIGURE 4-7

TIME SERIES PLOTS OF FROG MORTAR CREEK AND GROUNDWATER ELEVATION – PZ-2(S)

LEGEND

- Frog Mortar Creek Gage Levels
- PZ-2(S) - BE Corrected Levels

Lockheed Martin, Martin State Airport, Middle River, Maryland

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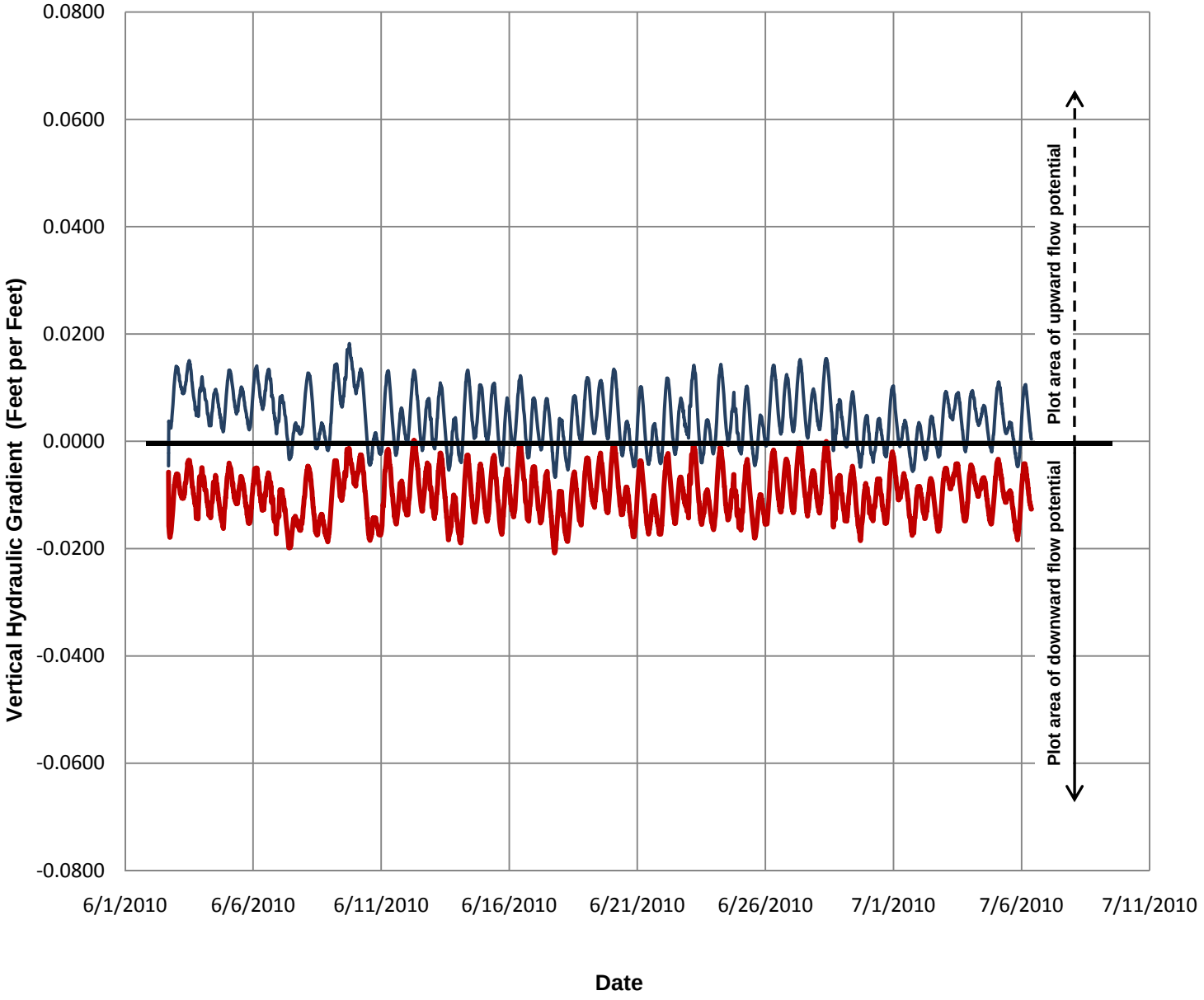


FIGURE 4-8

TIME SERIES PLOTS OF VERTICAL HYDRAULIC GRADIENTS - DMW4S/I/D

LEGEND

DMW4S/4I

DMW4I/4D

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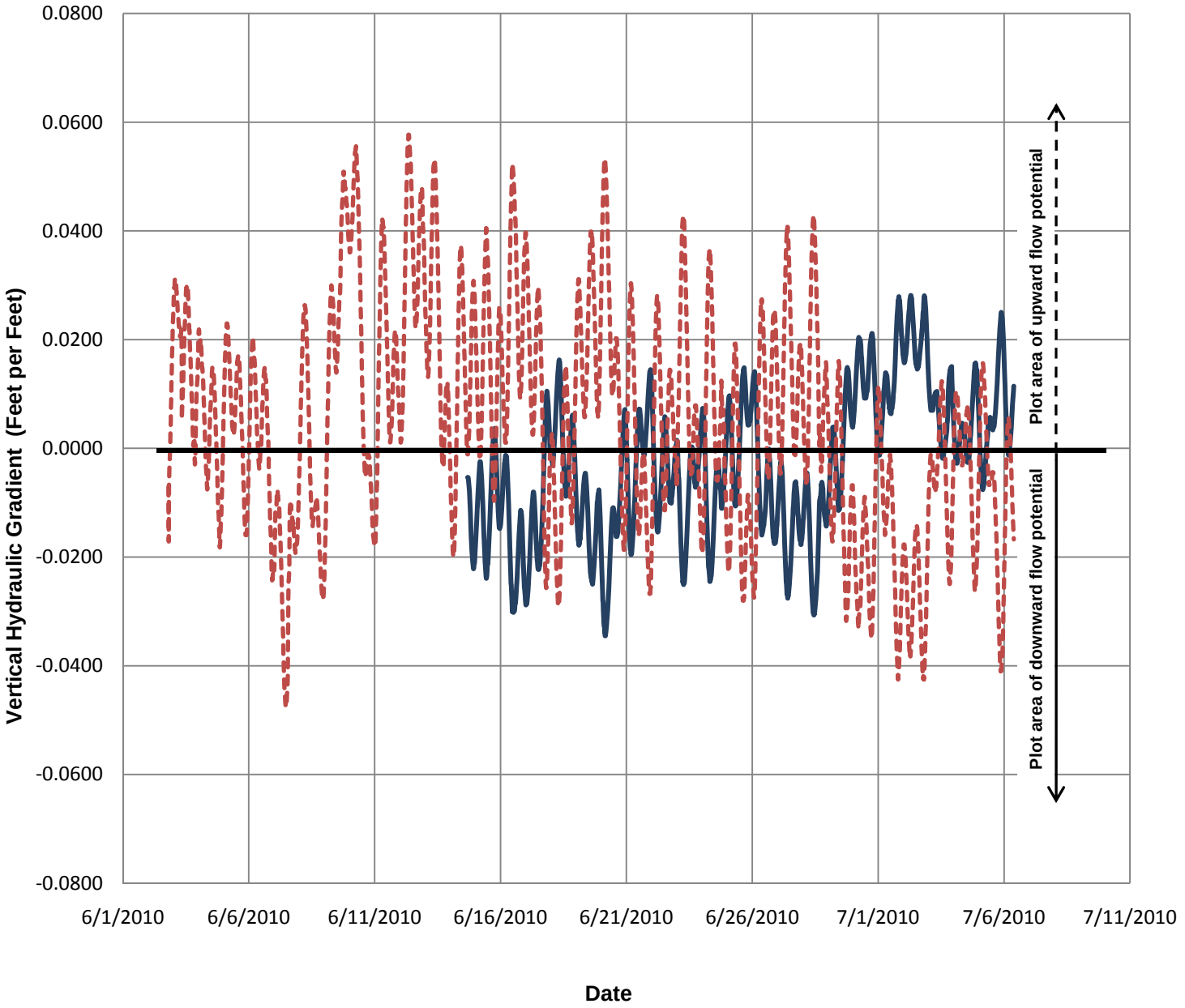


FIGURE 4-9

TIME SERIES PLOTS OF VERTICAL HYDRAULIC GRADIENTS - PZ-1(S/I/D)

LEGEND

PZ1S/1I

PZ1I/1D

Lockheed Martin, Martin State Airport, Middle River, Maryland

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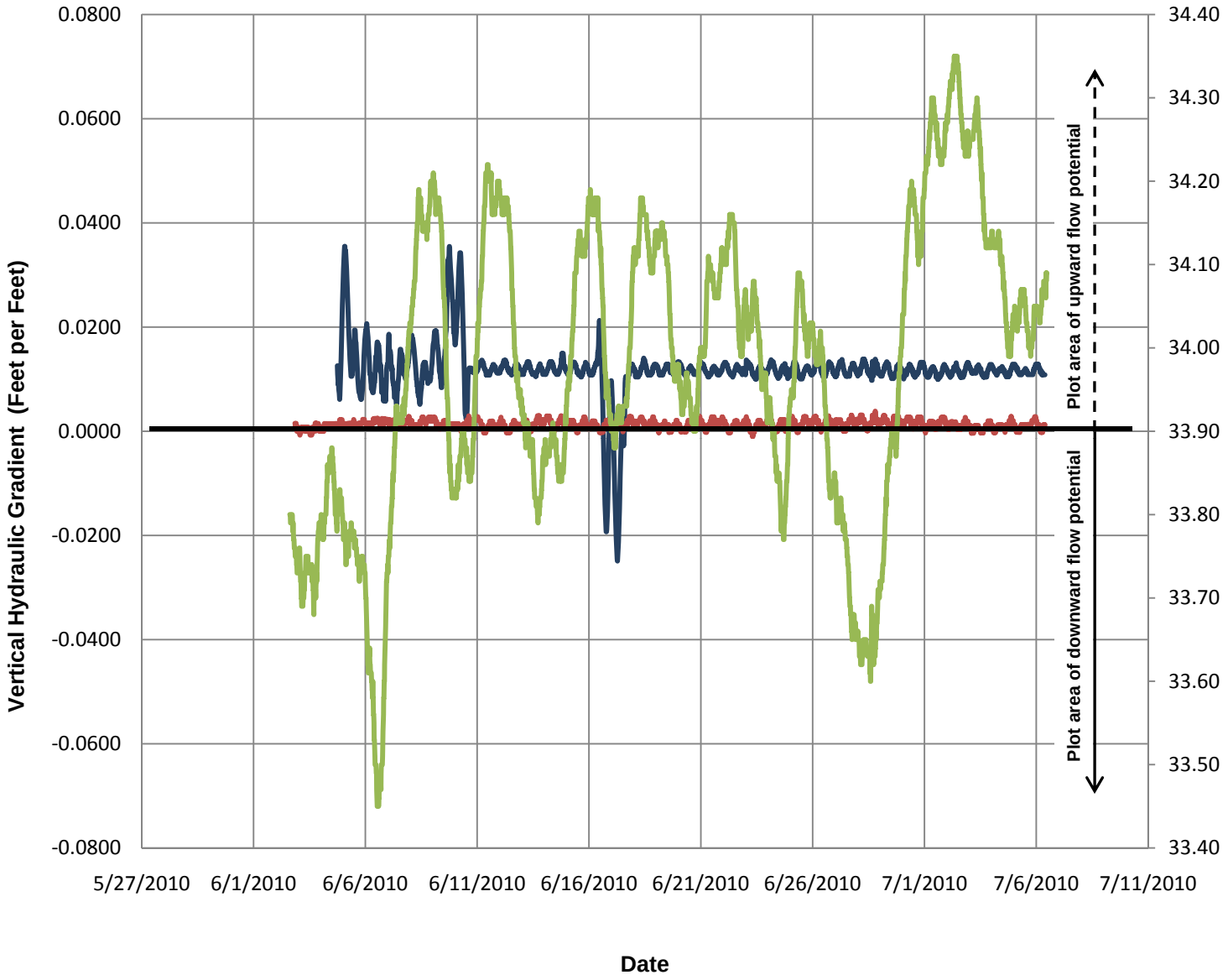


FIGURE 4-10

TIME SERIES PLOTS OF VERTICAL HYDRAULIC GRADIENTS – PZ-2(S/I/D)

LEGEND

- PZ2S/2I
- PZ2I/2D
- Barometric Pressure

Lockheed Martin, Martin State Airport, Middle River, Maryland

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Section 5
Summary

Tetra Tech conducted an investigation of hydraulic conditions at privately-owned property - 3301 Edwards Lane. These properties are located on the eastern shore of FMC and east of MSA and the Dump Road Area. The objective of the study was to aid in the understanding of off-site groundwater characteristics, including the extent to which the surficial aquifer at those monitoring points is tidally-influenced, the presence of vertical hydraulic gradients, and their relations to the Dump Road Area groundwater characteristics. The data will be used by the Lockheed Martin groundwater modeling team for on-going studies.

The off-site investigation included the installation of six, off-site, groundwater piezometers, three in each of two cluster locations at the 3301 Edwards Lane properties. All six piezometers were screened in the surficial aquifer. The six newly installed piezometers and three Dump Road Area wells (wells DMW4S, DMW4I, and DMW4D) were fitted with electronic water level data loggers capable of measuring, recording, and storing water level data every 15 minutes. A data logger was also used at 3301 Edwards Lane to record surface water levels of FMC during the same well monitoring period. A data logger that measures and records atmospheric barometric pressure was used to record barometric pressure fluctuations during the monitoring period. Groundwater levels, surface water levels and barometric pressure were measured and recorded for a period of one month from June 2-4, 2010 to July 6, 2010.

Groundwater levels in the piezometers and wells and surface water levels in FMC were found to respond to changes in barometric pressure and tides. Estimated values of BE for all but two wells and piezometers were greater than 80 percent, and ranged from 83.9-106.2 percent. These values are greater than typical BE values of 20-75 percent for wells cited in scientific literature. BE values of 3.3 percent and 53.8 percent were estimated for the upper and intermediate piezometers at PZ-1. Vertical hydraulic gradients were computed for the three well and piezometer clusters. Negative vertical hydraulic gradients ranged from -9.85×10^{-4} for PZ-2I/2D to -4.49×10^{-2} for PZ-1I/1D. Positive vertical hydraulic gradients ranged from 1.38×10^{-4} for PZ-4I/4D to 5.77×10^{-2}

for PZ-1I/1D. The results indicate that vertical hydraulic conditions at clusters were characterized by both upward and downward groundwater flow potentials. Time-series plots of vertical hydraulic gradients show relatively small ranges for the gradient fluctuations for wells DMW4 and PZ-2 relative to those of PZ-1.

Section 6
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APPENDIX A— PIEZOMETER DIG PERMITS

LOCKHEED MARTIN

Dig Permit

See Enterprise Operations Procedure EO-28, Digging Projects, for instructions.

Date	Project Manager
March 25, 2010	Steve Thompson/Tom Blackman (Lockheed Martin) Tony/Apanavage/Dev Murali (Tetra Tech)

Building/Location
Conrad's Ruth Villa

Purpose of excavation
Advance soil borings in order to install piezometers and water data loggers. Drilling 3 inch diameter borings to 100 feet bgs. No excavation.

Company/LM organization performing dig
Tetra Tech

Planned dig date	Duration	Start time
March 29, 2010	1 weeks	0730
Expected depth	**Width**	**Length**
Up to 100 feet bgs	3-4 inches	N/A

Underground utilities identified?	Overhead utilities?	Electrical lines?	Gas lines?
☒ Yes ☐ No	☐ Yes ☐ No ☒ N/A	☒ Yes ☐ No	☒ Yes ☐ No
Sewer?	**Water?**	**Telecommunications?**	**Other? Specify:**
☒ Yes ☐ No	☒ Yes ☐ No	☐ Yes ☐ No ☒ N/A	☐ Yes ☐ No

Site-specific or customer utility locating requirements completed?
☒ Yes ☐ No ☐ N/A

Sketch of dig project (or attach drawing)

See Attached

A private utility locating contractor (Enviroscan) was used to mark subsurface utilities.

Miss Utility Ticket # 10110089.

Truck mounted geoprobe rig will be used to advance borings.

Project Manager	Date	Customer	Date
Tony Apanavage	March 25, 2010		
Telecommunications	**Date**	**Customer**	**Date**
ESH	**Date**	**Customer**	**Date**
Tom Blackman	3/26/10		
Building/Facility Manager			**Date**

Form EO-28-1 (January 26, 2009)

LOCKHEED MARTIN

Risk Handling Checklist

Project Manager: Use this checklist to develop risk handling plans before the dig starts. You must also review Enterprise Operations Procedure EO-28, Digging Projects.

General Questions	☒	What Lockheed Martin processes could be affected by the dig? **Off-site (no Lockheed work)**
	☒	What are the safety hazards? **Utilities and slips/trips/falls**
	☒	What could fail? **Drill rig operation**
	☒	How could it fail? **A component of the drill rig could potentially fail. An inspection of the drill rig will be conducted daily to ensure proper working condition**
	☒	Does the area need to be returned to its normal state when the work is complete? **Yes, borings will be surface completed**
	☐	How could the dig affect operations/test/production? **N/A**
	☒	Have potential risks been addressed with area management? Yes, keeping the communications open with the owner
	☐	Am I comfortable with any risk handling plans, understanding the potential impact? **NA**
Traffic Control	☒	Ensure proper signage and communication. Cones and barricades will be placed at the work site to prevent traffic encroachment
	☐	Coordinate road or access closures through Industrial Security before starting the dig. **N/A**
	☒	Ensure the work area is isolated from foot traffic by placing barriers and warning lights as required by EO-28.
	☐	Ensure that vehicle traffic will be safe. **N/A**
	☐	Ensure that product transport will be safe. **N/A**
Excavation	☒	Review facility drawings to identify utilities. Research old drawings as necessary. **Available County engineering and utility maps**
	☐	Discuss the project with Facility Engineering/Maintenance staff who may have unique knowledge about the construction area not documented in facility drawings. **N/A**
	☐	Process form EO-28-1, Dig Permit. Use this opportunity to explain the process and relate expectations to the contractor/LM organization that will perform the dig. **N/A**
	☐	Have LM Telecommunications and the local utility identification service locate and mark utilities/underground obstacles. **N/A**
	☐	Coordinate with other ongoing projects in the affected area. **N/A**
	☐	Make every effort not to excavate around live utilities in service. Schedule an outage in advance or have Maintenance temporarily shut down and isolate the utilities while excavating. **N/A**
	☐	If live utilities cannot be shut down while excavating, know where to isolate or shut them down if they are damaged while excavating. **N/A**
	☐	Have a spotter(s) work with the equipment operator. Hand dig when necessary. **N/A**
	☐	Excavate along the side of the utility; not on top. **N/A**
	☐	Weather may affect the dig. Ensure water pipes are protected during freezing weather, especially if the trench will be left open over night. Rain may cause the side of the trench to slough, which can undermine and break pipes/conduit. **N/A**
	☐	Ensure care when moving trench boxes in and out of trenches so pipes/conduit aren't damaged by the boxes. **N/A**
	☐	Ensure surface drainage is controlled so that water doesn't get into the excavation and undermine soil supporting utilities. **N/A**
	☐	Ensure stocked material is kept far enough back (minimum 2 feet) so that material and rocks don't fall on utilities in the open hole. **N/A**
	☐	Ensure backfilling is done carefully: Re-bed utilities with proper material, filling all voids below. Keep inappropriate material from falling on or being placed in the trench. Be careful when compacting backfill in the two feet directly above the utility. **N/A**
	☐	Keep the as-built utility drawing in the field while the excavation site is open. Take pictures if possible (horizontal alignment and elevations), if known utilities deviate from facility drawings or if utilities are found that are not on facility drawings. Give the modified as-built drawings to the Building/Facility Manager, who will update the drawing database. **N/A**
	☐	Ensure that the equipment operator digs slowly and remains in control. **N/A**
Personal Safety	☐	Ensure that trenching and shoring methods comply with the applicable OSHA regulations and are overseen by a "Competent Person," as defined in those regulations. **N/A**
	☐	Regularly inspect methods to prevent violations. **N/A**
	☐	Ensure LM employees do not dig or enter any excavation that is more than four feet deep. **N/A**

Project Manager signature indicating completion of checklist review

Tom D. Blackman Tom D. Blackman

Date 26 March 25, 2010

Form EO-28-2 (January 26, 2009)

Kolberg, Fred

From: Apanavage, Tony
Sent: Friday, March 26, 2010 8:24 AM
To: Kolberg, Fred
Subject: FW: Ticket Check Status for MD Ticket 10110089

From: TicketCheck@managetickets.com [mailto:TicketCheck@managetickets.com]
Sent: Thursday, March 25, 2010 10:29 PM
To: Apanavage, Tony
Subject: Ticket Check Status for MD Ticket 10110089

Ticket Number: **10110089**
Location: 3301 EDWARDS LANE MIDDLE RIVER, MD

As of **03/25/2010 22:29:02**, participating facility owners have responded to Ticket Check as follows:

District Code	Status
BGE ELECTRIC-UTILIQUEST	Clear/No conflict
BGE GAS-UTILIQUEST	Clear/No conflict
BCTY DPW - OCCLS	Clear/No conflict
COMCAST - UTILIQUEST	Clear/No conflict
VERIZON - OCCLS	Clear/No conflict

To review this ticket in its entirety, visit Search and Status® on **www.managetickets.com**.
Please direct all questions and concerns to your one call center.

APPENDIX B— GEOPHYSICAL SURVEY REPORT

Final Report
Geophysical Survey
Utility/Structure Clearance for 2 Proposed Piezometer Cluster Locations
Ruth Villa Area
Middle River, MD
Enviroscan Project Number 031051

Prepared for: Tetra Tech NUS, Inc.
Prepared By: Enviroscan, Inc.
April 23, 2010

1051 Columbia Avenue ● Lancaster, PA 17603 ● 717.396.8922 ● Fax 717.396.8746 ● email@enviroscan.com ● www.enviroscan.com

ENVIROSCAN, INC.

April 23, 2010

Mr. Dev Murali
Tetra Tech NUS, Inc.
20251 Century Boulevard
Suite 200
Germantown, MD 20874-7114

RE: Geophysical Survey
Utility/Structure Clearance for 2 Proposed Piezometer Cluster Locations
Ruth Villa Area
Middle River, MD
Enviroscan Project Number 031051

Dear Mr. Murali:

Pursuant to the specifications of our proposal, dated March 25, 2010, Enviroscan, Inc. conducted a subsurface utility survey at the above-referenced site on March 25, 2010. The purpose of the survey was to clear 2 proposed piezometer cluster locations.

Methods

The utility survey was completed using standard and/or routinely accepted practices of the geophysical industry and equipment representing the best available technology, including:

- a Radiodetection RD8000 Multi-Frequency pipe and cable tracer;
- a Radiodetection C.A.T. and Genny pipe and cable locator/tracer;
- a Fisher TW-6 electromagnetic (EM) pipe and cable locator/tracer;
- a GSSI SIR-2000 ground penetrating radar (GPR) system.

The principles of these techniques are detailed below.

RD8000

Utility tracing was conducted using a Radiodetection RD8000 digital cable and pipe tracer. The transmitter can be directly coupled to exposed portions of a metallic pipe, cable, or wire or indirectly (inductively) to a subsurface metallic utility of known location/orientation. The transmitter remains stationary and energizes the metallic utility at a frequency selected by the operator (512 Hz, 8 kHz, 33 kHz, or 65 kHz), which is received at the ground surface by the digital locator. When the transmitter is directly coupled to the metallic utility, the digital receiver can also calculate the depth of the utility to an accuracy of ±10% of the actual depth of the utility. Please note the close proximity to bends in the traced line or poor signal strength can result in erroneous depth estimations.

C.A.T. and Genny

The survey areas were also scanned with a Radiodetection C.A.T. and Genny pipe and cable locator and tracer. In Power mode, the C.A.T. detects the 50 to 60 Hertz (Hz) electromagnetic field generated by live power cables and other metallic utilities to which a live line is grounded. In Radio mode, the C.A.T. detects buried conductors (cables or metallic pipes) as they conduct and re-transmit commercial broadcast radio energy. In Genny mode, the C.A.T. detects signal generated by the Genny transmitter. The Genny transmitter can be coupled directly (conductively) to exposed portions of a metallic pipe, cable, or wire or inductively to a subsurface metallic utility with known location and orientation.

TW-6

In order to detect unknown utilities, Enviroscan employed a Fisher TW-6 pipe and cable locator and tracer. In pipe and cable search mode, the TW-6 is essentially a deep-sensing metal detector that detects any highly electrically conductive materials (e.g. metals) by creating an electromagnetic field with a transmitting coil. A receiving coil at a fixed separation from the transmitter measures the field strength. As the instrument is swept along the ground surface, subsurface metallic bodies distort the transmitted field. The change in field strength/orientation is sensed by the receiver, setting off an audible alarm and/or causing deflection of an analog meter. The TW-6 can nominally detect a 2-inch metal pipe to a depth of 8 feet and a 10-inch metal pipe to a depth of 14 feet.

In pipe and cable tracing mode, the TW-6 transmitter can be coupled directly (conductively) to exposed portions of a metallic pipe, cable, or wire or inductively to a subsurface metallic utility with known location and orientation. The transmitter remains stationary and energizes or excites the metallic utility to be traced with an 81.92-kilohertz signal that can be traced at the ground surface using the mobile TW-6 receiver wand or probe.

GPR

GPR systems produce cross-sectional images of subsurface features and layers by continuously emitting pulses of radar-frequency energy from a scanning antenna as it is towed along a survey profile. The radar pulses are reflected by interfaces between materials with differing dielectric properties. The reflections return to the antenna and are displayed on a video monitor as a continuous cross section in real time. Since the electrical properties of metal are distinctly different from soil and backfill materials, metallic pipes and other structures commonly produce dramatic and characteristic reflections. Fiberglass, plastic, concrete, and terra-cotta pipes and structures also produce recognizable, but less dramatic reflections. Scanning was performed using a GSSI SIR-2000 GPR controller with an internal hard drive and a color display, and both a high-frequency, high-resolution 500 megaHertz (MHz) antenna or transducer, and a lower frequency deep-penetrating 200 MHz transducer.

Results Summary

The utility clearance survey results are represented in the enclosed field maps. The field maps show the borings with relevant nearby utilities. Piezometer Cluster 1 is clear of utilities. One water line was traced within the survey area for Piezometer Cluster 2.

Limitations

The above-referenced geophysical survey was completed using standard and/or routinely accepted practices of the geophysical industry and equipment representing the best available technology. Enviroscan does not accept responsibility for survey limitations due to inherent technological limitations or unforeseen site-specific conditions. However, we make every effort to identify and notify the client of such limitations or conditions. In particular, please note the following specific limitations and recommendations:

- Enviroscan's field markings should be considered accurate to within approximately +/-18 inches for single lines. In contrast, since electromagnetic tracing of duct banks provides only a centerline, the bank itself may extend for 2 to 3 feet beyond the marked trace.

- The completion of this survey does not relieve any party of applicable legal obligations to notify the appropriate One-Call center prior to digging or drilling.

We appreciate this opportunity to have worked with you. If you have any questions, please do not hesitate to contact me.

Sincerely,
Enviroscan, Inc.

William E. Steinhart III, M.Sc., P.G.
Principal Geophysicist

Technical Review By:
Enviroscan, Inc.

Felicia Kegel Bechtel, M.Sc., P.G.
President

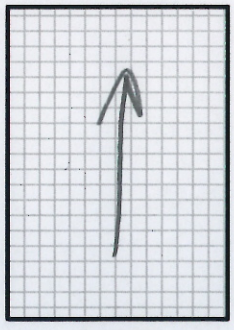
enc.: Field Notes

Project No.: 031051	**Project Name: Ruth Villa Area**
Location: Piezo. Cluster 1	**Client: Tetra Tech**
Date: 3/25	**Time:**

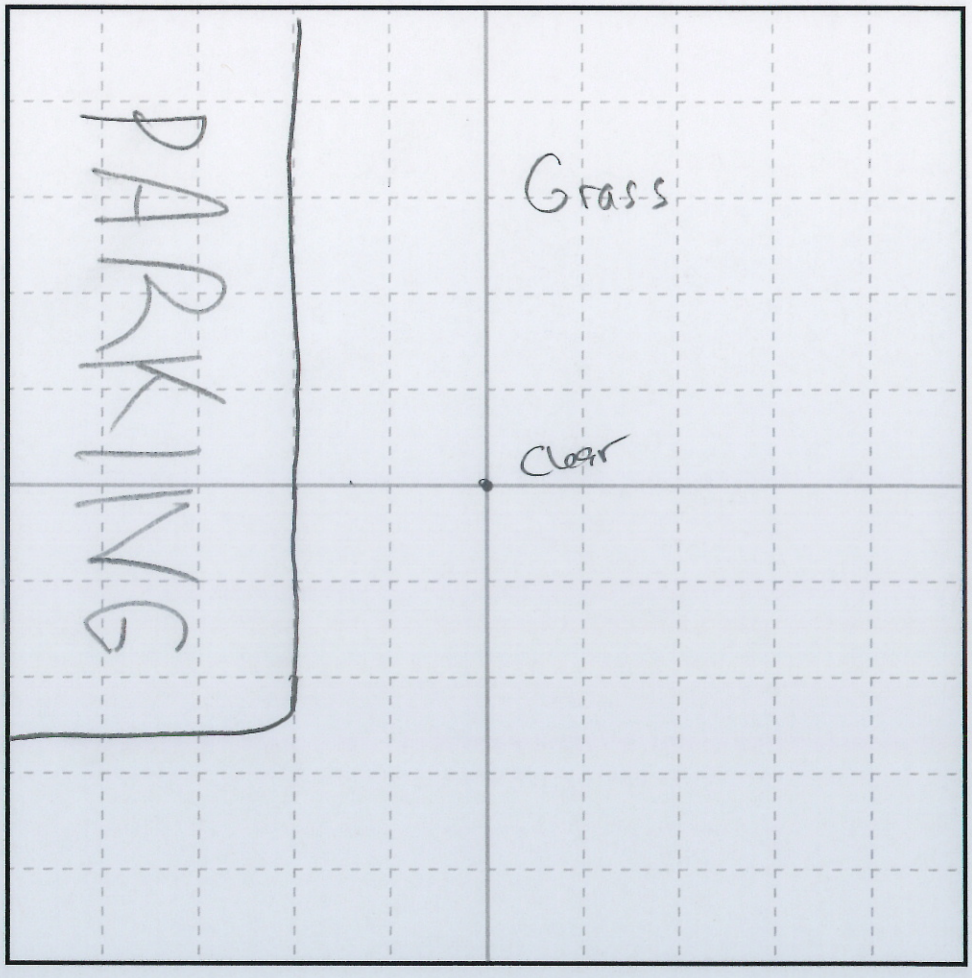
ENVIROSCAN, INC.
1051 Columbia Ave.
Lancaster, PA 17603
(717) 396 - 8922
Fax: (717) 396 - 8746
email@enviroscan.com
www.enviroscan.com

GPR.: SIR 2000/ SIR 2	Antenna: 400	Approx. Depth: —
	Range: 40ns	File No.: —
TW-6:	Setting: 7	
C.A.T.:	Setting: (P) R G	Color:
FX-3/Schonstedt:	Setting: —	
Active Line Trace:	RD4000/RD8000/TW-6	—

Page __ of __



North



Scale 1 Block = 10 ft

Notes:

Area Clear of UTIS

- ☐ GPR ineffective due to reinforced concrete pad
- ☐ GPR ineffective due to soil conditions
- ☐ TW-6 ineffective due to reinforced concrete pad

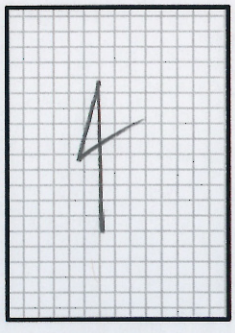
Project No.: 031051	**Project Name: Ruth Villa Area**
Location: Piezo Cluster 2	**Client: Tetra Tech**
Date: 3/25/10	**Time:**

ENVIROSCAN, INC.

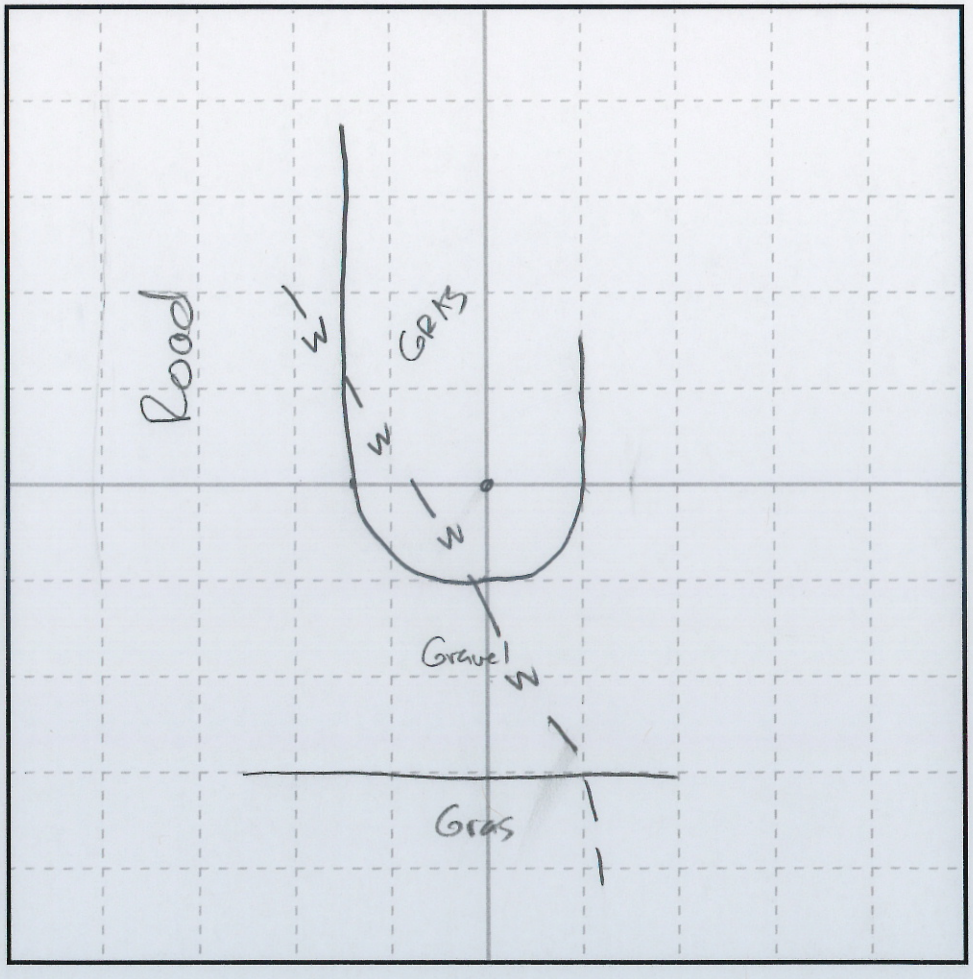
1051 Columbia Ave.
Lancaster, PA 17603
(717) 396 - 8922
Fax: (717) 396 - 8746
email@enviroscan.com
www.enviroscan.com

GPR.: SIR 2000/ SIR 2	Antenna: 400	Approx. Depth:
	Range: 40ns	File No.:
TW-6:	Setting: 7	
C.A.T.:	Setting: P R G	Color:
FX-3/Schonstedt:	Setting: —	
Active Line Trace:	RD4000/RD8000/TW-6	

Page __ of __



North



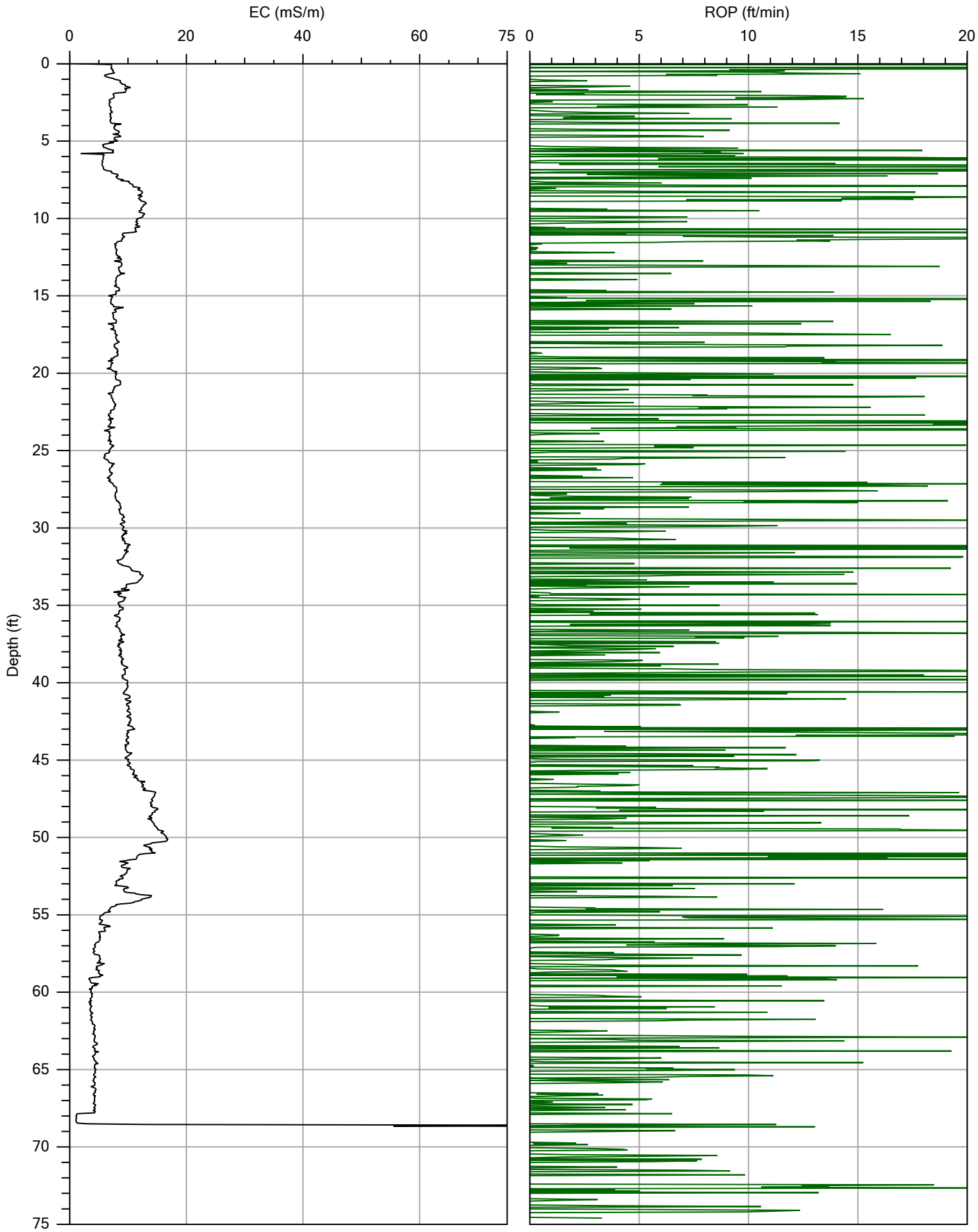
Scale 1 Block = 10 ft

Notes:

1 water line - RD8000

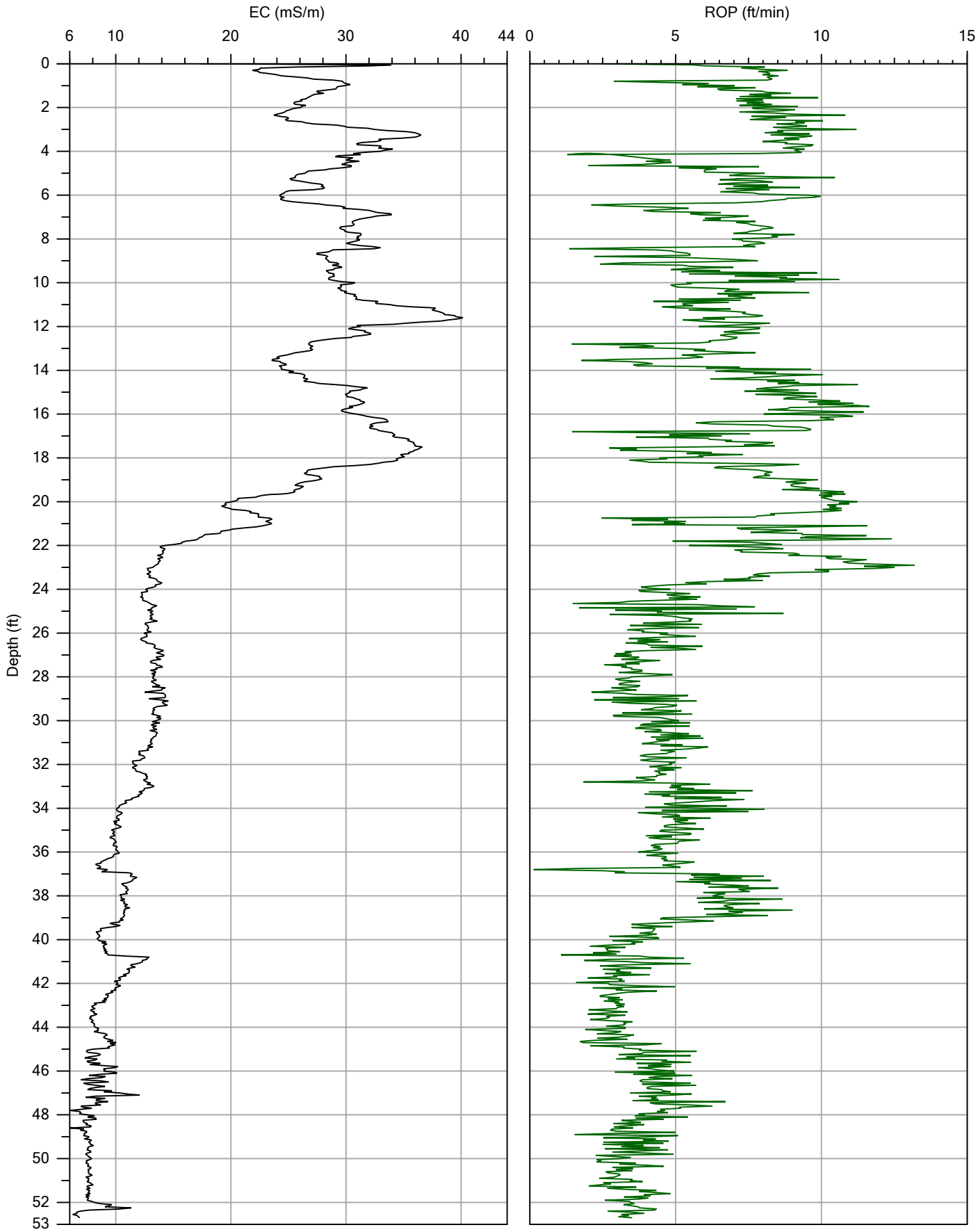
- ☐ GPR ineffective due to reinforced concrete pad
- ☐ GPR ineffective due to soil conditions
- ☐ TW-6 ineffective due to reinforced concrete pad

APPENDIX C— ELECTRICAL CONDUCTIVTY LOGS



Direct Image® By Geoprobe Systems®

		File: SB1PILOT.DAT
Company:	Operator:	Date: 3/29/2010
Project ID:	Client:	Location:



Direct Image® By Geoprobe Systems®

		File: SP2PILOT.DAT
Company:	Operator:	Date: 3/29/2010
Project ID:	Client:	Location:

TESTS BYPASSED

SP2PILOT.INF

SITE INFORMATION -- DIRECT IMAGE CONDUCTIVITY PROBE

LOG UNITS: ENGLISH
PROBE AND ARRAY: SC-500 WITH WENNER
80 INCH STRING POT USED
LOG START TIME: Mon Mar 29 2010 15:04
EC LOW QUALITY ENTRIES:
NONE

LOG END DEPTH: 52.70 FEET 16.063 METERS

LATITUDE: 0.000000000
LONGITUDE: 0.000000000
ELEVATION: 0.00 METERS; 0.00 FEET
UNABLE TO ESTABLISH A FIX

LOG END TIME: Mon Mar 29 2010 15:29

TEST	VALUE	P/F
INSTRUMENT CALIBRATION TESTS		
10 OHM:	10.2 OHMS	PASS
100 OHM:	99.3 OHMS	PASS
1000 OHM:	998.3 OHMS	PASS
PROBE CONTINUITY TESTS	>8 OHMS FAILS	
R-R:	4.0 OHMS	PASS
W-W:	4.0 OHMS	PASS
G-G:	4.1 OHMS	PASS
B-B:	4.0 OHMS	PASS
PROBE ISOLATION TESTS	<10 KOHMS FAILS	
RED-NEUTRAL:	268 KOHMS	PASS
RED-WHITE:	74 KOHMS	PASS
RED-GREEN:	73 KOHMS	PASS
RED-BLACK:	84 KOHMS	PASS
WHITE-NEUTRAL:	293 KOHMS	PASS
WHITE-GREEN:	90 KOHMS	PASS
WHITE-BLACK:	82 KOHMS	PASS
GREEN-NEUTRAL:	303 KOHMS	PASS
GREEN-BLACK:	88 KOHMS	PASS
BLACK-NEUTRAL:	312 KOHMS	PASS

SB1PILOT.INF

SITE INFORMATION -- DIRECT IMAGE CONDUCTIVITY PROBE

LOG UNITS: ENGLISH
PROBE AND ARRAY: SC-500 WITH WENNER
80 INCH STRING POT USED
LOG START TIME: Mon Mar 29 2010 08:42
EC LOW QUALITY ENTRIES:
71.00ft to 72.00ft   65.00%
LOG END DEPTH: 74.60 FEET 22.738 METERS

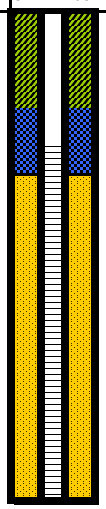
LATITUDE: 0.000000000
LONGITUDE: 0.000000000
ELEVATION: 0.00 METERS; 0.00 FEET
UNABLE TO ESTABLISH A FIX

LOG END TIME: Mon Mar 29 2010 10:03

APPENDIX D— PIEZOMETER CONSTRUCTION LOGS

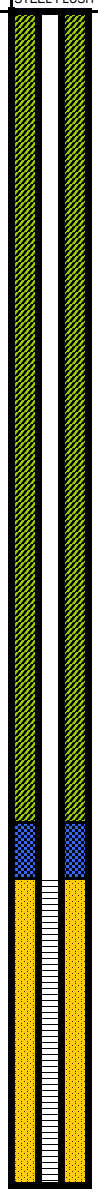
PROJECT:	LMC-MSA-PIEZOMETER INSTALLATION LOCKHEED MARTIN MARTIN STATE AIRPORT	JOB NO. 112IC02734	WELL NUMBER PZ1-(S)	CLIENT: LOCKHEED MARTIN BETHESDA, MARYLAND	
		DRILLING METHOD:	GEOPROBE MODEL 8800 DIRECT PUSH TRACK MOUNT RIG		
LOCATION:	BALTIMORE COUNTY, MARYLAND	COMPANY:	GROUND ZERO / ARS TECHNOLOGIES, INC.		
		OPERATOR:	CHRIS LACO		SHEET
		SAMPLING METHOD:	SOIL SAMPLING NOT PERMITTED BY OWNER		OF
WELL SCREEN:	1.5-INCH DIA. SCH. 40 PVC 10 SLOT (0.01 INCH)		SPECIFIC CONDUCANCE (SP) LOG PERFORMED		
RISER:	1.5-INCH DIA. SCH. 40 PVC SOLID CASING	LOGGED BY:	FRED KOLBERG	DRILLING	
FILTER PACK:	#1 SAND; PRE-PACKED WITH OUTER SCREENING	WELL DEPTH:	14.75 FEET	START DATE	FINISH DATE
SEAL:	PREPACKED BENTONITE PELLETS	DATUM:	MD ST. NAD 1983 N/L:605455.41 E/L:1480759.61		
GROUT:	BENTONITE CHIPS	PERMIT NO. - BA95-3369		3/29/2010	3/29/2010
		WELL CASING ELEVATION:	NAVD88 (FEET): 2.77		
		GROUND ELEVATION:	NAVD88 (FEET): 2.97		

SAMPLE TYPE	DEPTH (ft)	SAMPLE INTERVAL	RECOVERY (INCHES)	BLOW COUNT "N"	MOISTURE CONTENT	PID READING (ppm)	SURFACE CONDITIONS: GRASS	USCS	WELL INSTALLATION
	0						BENTONITE CHIPS PRE-PACK BENT. SANDPACK		STEEL FLUSH-MOUNT COVER
	2								
	4								
	6								
	8								
	10								
	12								
	14								
	16								
	18								
	20								
	22								
	24								
	26								
	28								
	30								
	32								
	34								
	36								
	38								
	40								



PROJECT:	LMC-MSA-PIEZOMETER INSTALLATION LOCKHEED MARTIN MARTIN STATE AIRPORT	JOB NO. 112IC02734	WELL NUMBER PZ1-(I)	CLIENT: LOCKHEED MARTIN BETHESDA, MARYLAND	
		DRILLING METHOD: GEOPROBE MODEL 8800 DIRECT PUSH TRACK MOUNT RIG			
LOCATION:	BALTIMORE COUNTY, MARYLAND	COMPANY: GROUND ZERO / ARS TECHNOLOGIES, INC.			
		OPERATOR: CHRIS LACO			SHEET
		SAMPLING METHOD: SOIL SAMPLING NOT PERMITTED BY OWNER			OF
WELL SCREEN: 1.5-INCH DIA. SCH. 40 PVC 10 SLOT (0.01 INCH)		SPECIFIC CONDUCANCE (SP) LOG PERFORMED			
RISER: 1.5-INCH DIA. SCH. 40 PVC SOLID CASING		LOGGED BY: FRED KOLBERG		DRILLING	
FILTER PACK: #1 SAND; PRE-PACKED WITH OUTER SCREENING		WELL DEPTH: 39.7 FEET		START DATE	FINISH DATE
SEAL: PREPACKED BENTONITE PELLETS		DATUM: MD ST. NAD 1983 N/L:605457.01 E/L:1480759.07		3/29/2010	3/29/2010
GROUT: BENTONITE CHIPS		PERMIT NO. - BA95-3368			
		WELL CASING ELEVATION: NAVD88 (FEET): 3.02			
		GROUND ELEVATION: NAVD88 (FEET): 3.22			

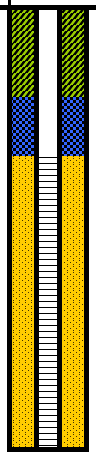
SAMPLE TYPE	DEPTH (ft)	SAMPLE INTERVAL	RECOVERY (INCHES)	BLOW COUNT "N"	MOISTURE CONTENT	PID READING (ppm)	SURFACE CONDITIONS: GRASS BENTONITE CHIPS PRE-PACK BENT. SANDPACK	USCS	WELL INSTALLATION
	0								STEEL FLUSH-MOUNT COVER
	2								
	4								
	6								
	8								
	10								
	12								
	14								
	16								
	18								
	20								
	22								
	24								
	26								
	28								
	30								
	32								
	34								
	36								
	38								
	40								



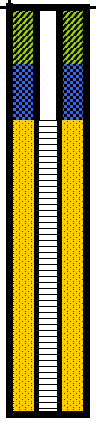
PROJECT:	LMC-MSA-PIEZOMETER INSTALLATION LOCKHEED MARTIN MARTIN STATE AIRPORT	JOB NO. 112IC02734	WELL NUMBER PZ1-(D)	CLIENT: LOCKHEED MARTIN BETHESDA, MARYLAND	
		DRILLING METHOD: GEOPROBE MODEL 8800 DIRECT PUSH TRACK MOUNT RIG			
LOCATION:	BALTIMORE COUNTY, MARYLAND	COMPANY: GROUND ZERO / ARS TECHNOLOGIES, INC.			
		OPERATOR: CHRIS LACO			SHEET
		SAMPLING METHOD: SOIL SAMPLING NOT PERMITTED BY OWNER			OF
WELL SCREEN: 1.5-INCH DIA. SCH. 40 PVC 10 SLOT (0.01 INCH)		SPECIFIC CONDUCANCE (SP) LOG PERFORMED			
RISER: 1.5-INCH DIA. SCH. 40 PVC SOLID CASING		LOGGED BY: FRED KOLBERG		DRILLING	
FILTER PACK: #1 SAND; PRE-PACKED WITH OUTER SCREENING		WELL DEPTH: 56.6 FEET		START	FINISH
SEAL: PREPACKED BENTONITE PELLETS		DATUM: MD ST. NAD 1983 N/L:605453.61 E/L:1480760.35		DATE	DATE
GROUT: BENTONITE CHIPS		PERMIT NO. - BA95-3367		3/29/2010	3/29/2010
		WELL CASING ELEVATION: NAVD88 (FEET): 2.72			
		GROUND ELEVATION: NAVD88 (FEET): 2.92			

SAMPLE TYPE	DEPTH (ft)	SAMPLE INTERVAL	RECOVERY (INCHES)	BLOW COUNT "N"	MOISTURE CONTENT	PID READING (ppm)	SURFACE CONDITIONS: GRASS BENTONITE CHIPS PRE-PACK BENT. SANDPACK	USCS	WELL INSTALLATION
	0								STEEL FLUSH-MOUNT COVER
	2								
	4								
	6								
	8								
	10								
	12								
	14								
	16								
	18								
	20								
	22								
	24								
	26								
	28								
	30								
	32								
	34								
	36								
	38								
	40								

PROJECT:	LMC-MSA-PIEZOMETER INSTALLATION LOCKHEED MARTIN MARTIN STATE AIRPORT	JOB NO. 112IC02734	WELL NUMBER PZ1-(D)	CLIENT: LOCKHEED MARTIN BETHESDA, MARYLAND	
		DRILLING METHOD: GEOPROBE MODEL 8800 DIRECT PUSH TRACK MOUNT RIG			
LOCATION:	BALTIMORE COUNTY, MARYLAND	COMPANY: GROUND ZERO / ARS TECHNOLOGIES, INC.			
		OPERATOR: CHRIS LACO			SHEET
		SAMPLING METHOD: SOIL SAMPLING NOT PERMITTED BY OWNER			OF
WELL SCREEN: 1.5-INCH DIA. SCH. 40 PVC 10 SLOT (0.01 INCH)		SPECIFIC CONDUCANCE (SP) LOG PERFORMED			
RISER: 1.5-INCH DIA. SCH. 40 PVC SOLID CASING		LOGGED BY: FRED KOLBERG		DRILLING	
FILTER PACK: #1 SAND; PRE-PACKED WITH OUTER SCREENING		WELL DEPTH: 56.6 FEET		START DATE	FINISH DATE
SEAL: PREPACKED BENTONITE PELLETS		DATUM: MD ST. NAD 1983 N/L:605453.61 E/L:1480760.35		3/29/2010	3/29/2010
GROUT: BENTONITE CHIPS		PERMIT NO. - BA95-3367			
		WELL CASING ELEVATION: NAVD88 (FEET): 2.72			
		GROUND ELEVATION: NAVD88 (FEET): 2.92			

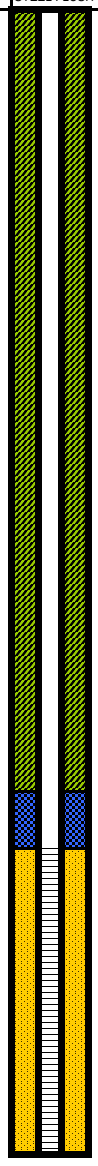
SAMPLE TYPE	DEPTH (ft)	SAMPLE INTERVAL	RECOVERY (INCHES)	BLOW COUNT "N"	MOISTURE CONTENT	PID READING (ppm)	SURFACE CONDITIONS: GRASS	USCS	WELL INSTALLATION
	42						BENTONITE CHIPS PRE-PACK BENT. SANDPACK		
	44								
	46								
	48								
	50								
	52								
	54								
	56								
	58								
	60								
	62								
	64								

PROJECT:	LMC-MSA-PIEZOMETER INSTALLATION LOCKHEED MARTIN MARTIN STATE AIRPORT	JOB NO. 112IC02734	WELL NUMBER PZ2-(S)	CLIENT: LOCKHEED MARTIN BETHESDA, MARYLAND	
		DRILLING METHOD: GEOPROBE MODEL 8800 DIRECT PUSH TRACK MOUNT RIG			
LOCATION:	BALTIMORE COUNTY, MARYLAND	COMPANY: GROUND ZERO / ARS TECHNOLOGIES, INC.			
		OPERATOR: CHRIS LACO			SHEET
		SAMPLING METHOD: SOIL SAMPLING NOT PERMITTED BY OWNER			OF
WELL SCREEN: 1.5-INCH DIA. SCH. 40 PVC 10 SLOT (0.01 INCH)		SPECIFIC CONDUCANCE (SP) LOG PERFORMED			
RISER: 1.5-INCH DIA. SCH. 40 PVC SOLID CASING		LOGGED BY: FRED KOLBERG		DRILLING	
FILTER PACK: #1 SAND; PRE-PACKED WITH OUTER SCREENING		WELL DEPTH: 14.25 FEET		START DATE	FINISH DATE
SEAL: PREPACKED BENTONITE PELLETS		DATUM: MD ST. NAD 1983 N/L:605079.65 E/L:1480839.28			
GROUT: BENTONITE CHIPS		PERMIT NO. - BA95-3364		3/30/2010	3/30/2010
		WELL CASING ELEVATION: NAVD88 (FEET): 2.11			
		GROUND ELEVATION: NAVD88 (FEET): 2.31			

SAMPLE TYPE	DEPTH (ft)	SAMPLE INTERVAL	RECOVERY (INCHES)	BLOW COUNT "N"	MOISTURE CONTENT	PID READING (ppm)	SURFACE CONDITIONS: GRASS	USCS	WELL INSTALLATION
	0						BENTONITE CHIPS PRE-PACK BENT. SANDPACK		STEEL FLUSH-MOUNT COVER
	2								
	4								
	6								
	8								
	10								
	12								
	14								
	16								
	18								
	20								
	22								
	24								
	26								
	28								
	30								
	32								
	34								
	36								
	38								
	40								

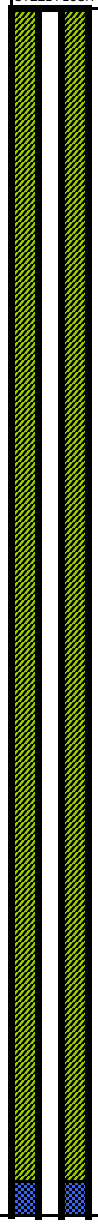
PROJECT:	LMC-MSA-PIEZOMETER INSTALLATION LOCKHEED MARTIN MARTIN STATE AIRPORT	JOB NO. 112IC02734	WELL NUMBER PZ2-(I)	CLIENT: LOCKHEED MARTIN BETHESDA, MARYLAND	
		DRILLING METHOD: GEOPROBE MODEL 8800 DIRECT PUSH TRACK MOUNT RIG			
LOCATION:	BALTIMORE COUNTY, MARYLAND	COMPANY: GROUND ZERO / ARS TECHNOLOGIES, INC.			
		OPERATOR: CHRIS LACO			SHEET
		SAMPLING METHOD: SOIL SAMPLING NOT PERMITTED BY OWNER			OF
WELL SCREEN: 1.5-INCH DIA. SCH. 40 PVC 10 SLOT (0.01 INCH)		SPECIFIC CONDUCANCE (SP) LOG PERFORMED			
RISER: 1.5-INCH DIA. SCH. 40 PVC SOLID CASING		LOGGED BY: FRED KOLBERG		DRILLING	
FILTER PACK: #1 SAND; PRE-PACKED WITH OUTER SCREENING		WELL DEPTH: 39.1 FEET		START DATE	FINISH DATE
SEAL: PREPACKED BENTONITE PELLETS		DATUM: MD ST. NAD 1983 N/L:605080.04 E/L:1480840.20		3/30/2010	3/30/2010
GROUT: BENTONITE CHIPS		PERMIT NO. - BA95-3365			
		WELL CASING ELEVATION: NAVD88 (FEET): 2.13			
		GROUND ELEVATION: NAVD88 (FEET): 2.33			

SAMPLE TYPE	DEPTH (ft)	SAMPLE INTERVAL	RECOVERY (INCHES)	BLOW COUNT "N"	MOISTURE CONTENT	PID READING (ppm)	SURFACE CONDITIONS: GRASS	USCS	WELL INSTALLATION
	0						BENTONITE CHIPS PRE-PACK BENT. SANDPACK		STEEL FLUSH-MOUNT COVER
	2								
	4								
	6								
	8								
	10								
	12								
	14								
	16								
	18								
	20								
	22								
	24								
	26								
	28								
	30								
	32								
	34								
	36								
	38								
	40								

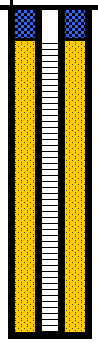


PROJECT:	LMC-MSA-PIEZOMETER INSTALLATION LOCKHEED MARTIN MARTIN STATE AIRPORT	JOB NO. 112IC02734	WELL NUMBER PZ2-(D)	CLIENT: LOCKHEED MARTIN BETHESDA, MARYLAND	
		DRILLING METHOD: GEOPROBE MODEL 8800 DIRECT PUSH TRACK MOUNT RIG			
LOCATION:	BALTIMORE COUNTY, MARYLAND	COMPANY: GROUND ZERO / ARS TECHNOLOGIES, INC.			
		OPERATOR: CHRIS LACO			SHEET
		SAMPLING METHOD: SOIL SAMPLING NOT PERMITTED BY OWNER			OF
WELL SCREEN: 1.5-INCH DIA. SCH. 40 PVC 10 SLOT (0.01 INCH)		SPECIFIC CONDUCANCE (SP) LOG PERFORMED			
RISER: 1.5-INCH DIA. SCH. 40 PVC SOLID CASING		LOGGED BY: FRED KOLBERG		DRILLING	
FILTER PACK: #1 SAND; PRE-PACKED WITH OUTER SCREENING		WELL DEPTH: 52.4 FEET		START	FINISH
SEAL: PREPACKED BENTONITE PELLETS		DATUM: MD ST. NAD 1983 N/L:605079.21 E/L:1480838.59		DATE	DATE
GROUT: BENTONITE CHIPS		PERMIT NO. - BA95-3366		3/30/2010	3/30/2010
		WELL CASING ELEVATION: NAVD88 (FEET): 2.13			
		GROUND ELEVATION: NAVD88 (FEET): 2.34			

SAMPLE TYPE	DEPTH (ft)	SAMPLE INTERVAL	RECOVERY (INCHES)	BLOW COUNT "N"	MOISTURE CONTENT	PID READING (ppm)	SURFACE CONDITIONS: GRASS	USCS	WELL INSTALLATION
	0						BENTONITE CHIPS PRE-PACK BENT. SANDPACK		STEEL FLUSH-MOUNT COVER
	2								
	4								
	6								
	8								
	10								
	12								
	14								
	16								
	18								
	20								
	22								
	24								
	26								
	28								
	30								
	32								
	34								
	36								
	38								
	40								



PROJECT:	LMC-MSA-PIEZOMETER INSTALLATION LOCKHEED MARTIN MARTIN STATE AIRPORT	JOB NO. 112IC02734	WELL NUMBER PZ2-(D)	CLIENT: LOCKHEED MARTIN BETHESDA, MARYLAND	
		DRILLING METHOD: GEOPROBE MODEL 8800 DIRECT PUSH TRACK MOUNT RIG			
LOCATION:	BALTIMORE COUNTY, MARYLAND	COMPANY: GROUND ZERO / ARS TECHNOLOGIES, INC.			
		OPERATOR: CHRIS LACO			SHEET
		SAMPLING METHOD: SOIL SAMPLING NOT PERMITTED BY OWNER			OF
WELL SCREEN: 1.5-INCH DIA. SCH. 40 PVC 10 SLOT (0.01 INCH)		SPECIFIC CONDUCANCE (SP) LOG PERFORMED			
RISER: 1.5-INCH DIA. SCH. 40 PVC SOLID CASING		LOGGED BY: FRED KOLBERG		DRILLING	
FILTER PACK: #1 SAND; PRE-PACKED WITH OUTER SCREENING		WELL DEPTH: 52.4 FEET		START DATE	FINISH DATE
SEAL: PREPACKED BENTONITE PELLETS		DATUM: MD ST. NAD 1983 N/L:605079.21 E/L:1480838.59		3/30/2010	3/30/2010
GROUT: BENTONITE CHIPS		PERMIT NO. - BA95-3366			
		WELL CASING ELEVATION: NAVD88 (FEET): 2.13			
		GROUND ELEVATION: NAVD88 (FEET): 2.34			

SAMPLE TYPE	DEPTH (ft)	SAMPLE INTERVAL	RECOVERY (INCHES)	BLOW COUNT "N"	MOISTURE CONTENT	PID READING (ppm)	SURFACE CONDITIONS: GRASS BENTONITE CHIPS PRE-PACK BENT. SANDPACK	USCS	WELL INSTALLATION
	42								
	44								
	46								
	48								
	50								
	52								
	54								
	56								
	58								
	60								
	62								
	64								

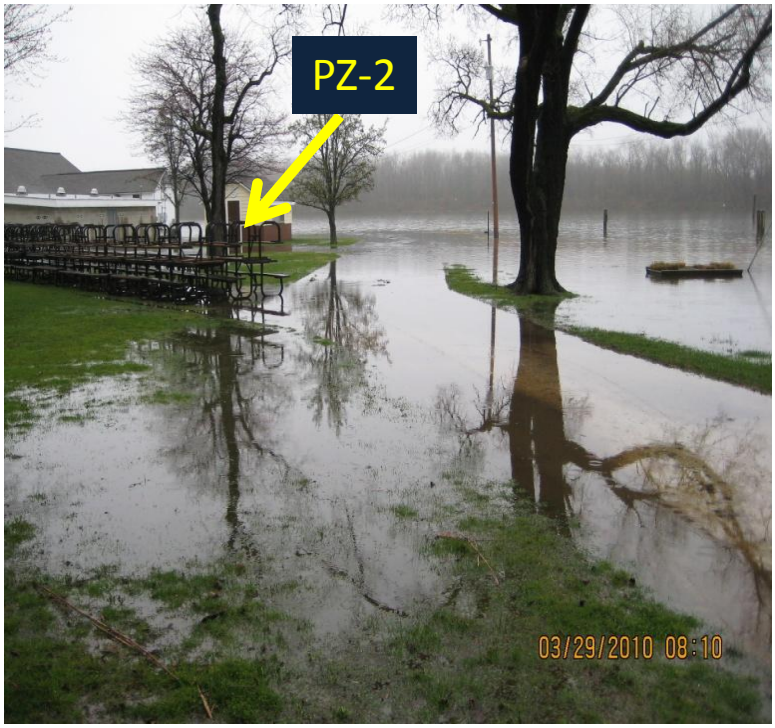
APPENDIX E— PHOTOGRAPHS



PZ-1 – PRE-INSTALLATION CONDITION LOOKING EAST



PZ-1 – PRE-INSTALLATION CONDITION LOOKING SOUTH



PZ-2 – PRE-INSTALLATION CONDITION LOOKING SOUTH:
NOTE AREA FLOODING BY FROG MORTAR CREEK



FROG MORTAR CREEK FLOOD CONDITIONS AT CONRAD'S RUTH VILLA



FROG MORTAR CREEK FLOOD CONDITIONS AT CONRAD'S RUTH VILLA



FROG MORTAR CREEK FLOOD CONDITIONS AT CONRAD'S RUTH VILLA



DIRECT PUSH RIG USED FOR SP LOGGING AND PIEZOMETERS



STEEL RODS AND DOWNHOLE ELECTRICAL CABLE FOR SP LOGGING



SP LOGGING AT PZ-1



SP LOGGING AT PZ-1



PIEZOMETER SCREEN PRE-PACKED WITH SAND FILTERPACK



CLOSE UP - PIEZOMETER SCREEN PRE-PACKED WITH SAND FILTERPACK



PIEZOMETER CASING WITH PRE-PACKED BENTONITE WITH BROWN BIODEGRADABLE COVER



DIRECT PUSH BOREHOLE FOR PZ-1



PZ-1 - ASSEMBLY OF PREPACKED BENTONITE SLEEVE ONTO SCREEN



PZ-1 - ASSEMBLY OF PIEZOMETER SOLID CASING



INITIAL SITE RESTORATION – PZ-2



INITIAL SITE RESTORATION – PZ-2



INITIAL SITE RESTORATION – PZ-2



INITIAL SITE RESTORATION – PZ-2



INITIAL SITE RESTORATION – PZ-1



INITIAL SITE RESTORATION – PZ-1



INITIAL SITE RESTORATION – PZ-1



ADDITION OF SEED AND TACK COVER – PZ-1



ADDITION OF SEED AND TACK COVER – PZ-1



ADDITION OF SEED AND TACK COVER – PZ-1



ADDITION OF SEED AND TACK COVER – PZ-1



ADDITION OF SEED AND TACK COVER – PZ-1



ADDITION OF TOPSOIL, SEED AND TACK COVER – PZ-2



ADDITION OF TOPSOIL, SEED AND TACK COVER – PZ-2



REPAIR OF CURB BLOCKS – PZ-2: NOTE GROWTH OF NEW GRASS/SOD IN FORGROUND AND BACKGROUND



REPAIR OF CURB BLOCKS – PZ-2: NOTE GROWTH OF NEW GRASS/SOD AROUND PIEZOMETERS



POST REPAIR OF CURB BLOCKS – PZ-2: NOTE GROWTH OF NEW GRASS/SOD AROUND PIEZOMETERS



POST REPAIR OF CURB BLOCKS – PZ-2: NOTE GROWTH OF NEW GRASS/SOD AROUND PIEZOMETERS



POST REPAIR OF CURB BLOCKS – PZ-2: NOTE GROWTH OF NEW GRASS/SOD AROUND PIEZOMETERS



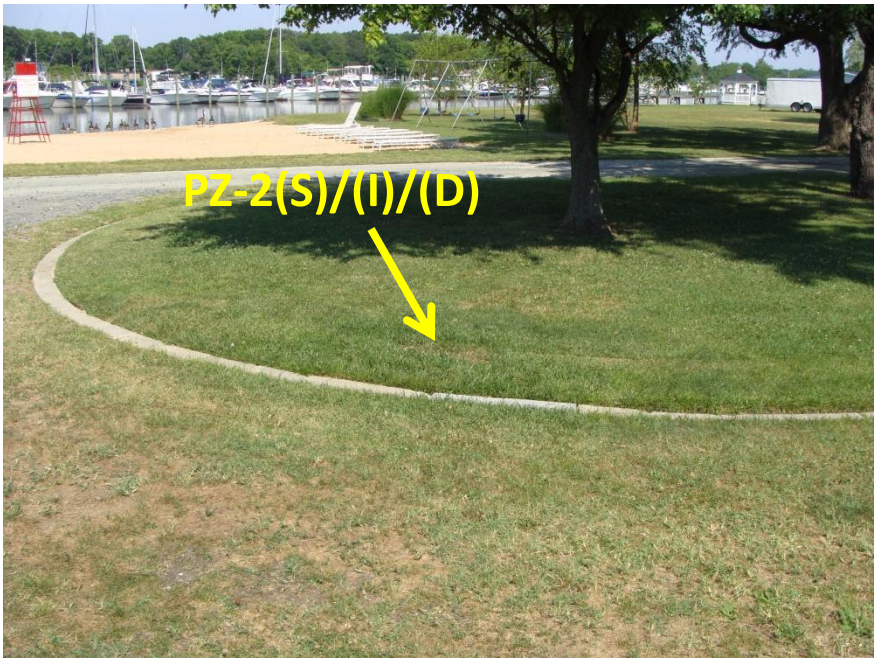
SITE CONDITION JUNE 2010 – PZ-1



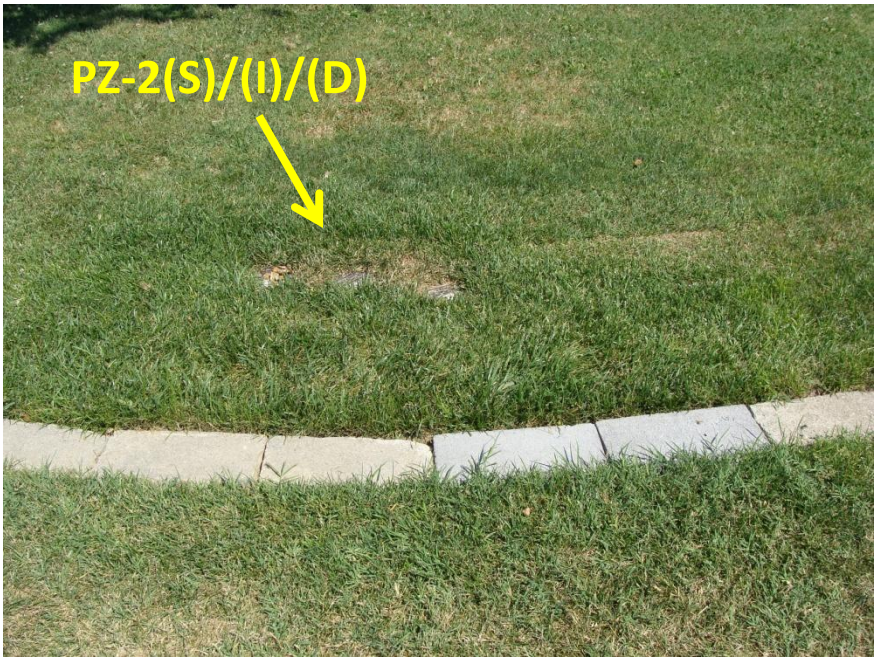
SITE CONDITION JUNE 2010 – PZ-1



SITE CONDITION JUNE 2010 – PZ-2



SITE CONDITION JUNE 2010 – PZ-2



SITE CONDITION JUNE 2010 – PZ-2

APPENDIX F— WATER LEVEL AND BAROMETRIC PRESSURE DATA

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/2/2010 15:00:00	19.445436	1.07	1.07
6/2/2010 15:15:00	19.454115	1.07	1.07
6/2/2010 15:30:00	19.463427	1.06	1.06
6/2/2010 15:45:00	19.472239	1.05	1.04
6/2/2010 16:00:00	19.485182	1.03	1.02
6/2/2010 16:15:00	19.558542	0.96	0.95
6/2/2010 16:30:00	19.748842	0.77	0.76
6/2/2010 16:45:00	19.497395	1.02	1.01
6/2/2010 17:00:00	19.509272	1.01	1.00
6/2/2010 17:15:00	19.521656	1.00	0.99
6/2/2010 17:30:00	19.533411	0.99	0.99
6/2/2010 17:45:00	19.54175	0.98	0.97
6/2/2010 18:00:00	19.547342	0.97	0.96
6/2/2010 18:15:00	19.553713	0.97	0.95
6/2/2010 18:30:00	19.565363	0.95	0.94
6/2/2010 18:45:00	19.565596	0.95	0.93
6/2/2010 19:00:00	19.571024	0.95	0.92
6/2/2010 19:15:00	19.580481	0.94	0.91
6/2/2010 19:30:00	19.589777	0.93	0.90
6/2/2010 19:45:00	19.59046	0.93	0.89
6/2/2010 20:00:00	19.594263	0.93	0.88
6/2/2010 20:15:00	19.596781	0.92	0.88
6/2/2010 20:30:00	19.595781	0.92	0.88
6/2/2010 20:45:00	19.592638	0.93	0.87
6/2/2010 21:00:00	19.599987	0.92	0.87
6/2/2010 21:15:00	19.601467	0.92	0.87
6/2/2010 21:30:00	19.596201	0.92	0.87
6/2/2010 21:45:00	19.590057	0.93	0.88
6/2/2010 22:00:00	19.586203	0.93	0.88
6/2/2010 22:15:00	19.574434	0.95	0.88
6/2/2010 22:30:00	19.567739	0.95	0.89
6/2/2010 22:45:00	19.553892	0.97	0.89
6/2/2010 23:00:00	19.544477	0.98	0.90
6/2/2010 23:15:00	19.536533	0.98	0.91
6/2/2010 23:30:00	19.528141	0.99	0.92
6/2/2010 23:45:00	19.520437	1.00	0.94
6/3/2010 0:00:00	19.510279	1.01	0.95
6/3/2010 0:15:00	19.498331	1.02	0.97
6/3/2010 0:30:00	19.487589	1.03	0.98
6/3/2010 0:45:00	19.476648	1.04	0.98
6/3/2010 1:00:00	19.467348	1.05	1.00
6/3/2010 1:15:00	19.456537	1.06	1.02
6/3/2010 1:30:00	19.446493	1.07	1.03
6/3/2010 1:45:00	19.431387	1.09	1.04
6/3/2010 2:00:00	19.420694	1.10	1.04
6/3/2010 2:15:00	19.411947	1.11	1.03
6/3/2010 2:30:00	19.402372	1.12	1.03
6/3/2010 2:45:00	19.399918	1.12	1.04
6/3/2010 3:00:00	19.396551	1.12	1.04
6/3/2010 3:15:00	19.387192	1.13	1.03
6/3/2010 3:30:00	19.386108	1.13	1.03
6/3/2010 3:45:00	19.384802	1.14	1.02
6/3/2010 4:00:00	19.384024	1.14	1.02
6/3/2010 4:15:00	19.383957	1.14	1.02
6/3/2010 4:30:00	19.382626	1.14	1.02
6/3/2010 4:45:00	19.385113	1.13	1.02
6/3/2010 5:00:00	19.383663	1.14	1.02
6/3/2010 5:15:00	19.389551	1.13	1.02
6/3/2010 5:30:00	19.390457	1.13	1.02
6/3/2010 5:45:00	19.387724	1.13	1.03
6/3/2010 6:00:00	19.390203	1.13	1.02
6/3/2010 6:15:00	19.397547	1.12	1.03
6/3/2010 6:30:00	19.396641	1.12	1.03
6/3/2010 6:45:00	19.404816	1.12	1.02
6/3/2010 7:00:00	19.404957	1.12	1.04
6/3/2010 7:15:00	19.404156	1.12	1.04
6/3/2010 7:30:00	19.404047	1.12	1.04
6/3/2010 7:45:00	19.403948	1.12	1.04
6/3/2010 8:00:00	19.402981	1.12	1.05

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/2/2010 16:45	19.588636	0.89	0.89
6/2/2010 17:00	19.376133	1.10	1.10
6/2/2010 17:15	19.397053	1.08	1.08
6/2/2010 17:30	19.413614	1.07	1.08
6/2/2010 17:45	19.437132	1.04	1.04
6/2/2010 18:00	19.454304	1.03	1.03
6/2/2010 18:15	19.463533	1.02	1.01
6/2/2010 18:30	19.471069	1.01	1.01
6/2/2010 18:45	19.474524	1.01	1.00
6/2/2010 19:00	19.476284	1.00	0.98
6/2/2010 19:15	19.480196	1.00	0.98
6/2/2010 19:30	19.473629	1.01	0.99
6/2/2010 19:45	19.465015	1.01	0.99
6/2/2010 20:00	19.450136	1.03	1.01
6/2/2010 20:15	19.431578	1.05	1.03
6/2/2010 20:30	19.421047	1.06	1.04
6/2/2010 20:45	19.400057	1.08	1.05
6/2/2010 21:00	19.391632	1.09	1.06
6/2/2010 21:15	19.377317	1.10	1.07
6/2/2010 21:30	19.35166	1.13	1.10
6/2/2010 21:45	19.324289	1.16	1.13
6/2/2010 22:00	19.292604	1.19	1.16
6/2/2010 22:15	19.265066	1.21	1.17
6/2/2010 22:30	19.240845	1.24	1.20
6/2/2010 22:45	19.217119	1.26	1.21
6/2/2010 23:00	19.196503	1.28	1.23
6/2/2010 23:15	19.177383	1.30	1.25
6/2/2010 23:30	19.159195	1.32	1.27
6/2/2010 23:45	19.140223	1.34	1.30
6/3/2010 0:00	19.124447	1.36	1.32
6/3/2010 0:15	19.110363	1.37	1.34
6/3/2010 0:30	19.096966	1.38	1.35
6/3/2010 0:45	19.087599	1.39	1.35
6/3/2010 1:00	19.078857	1.40	1.37
6/3/2010 1:15	19.069998	1.41	1.39
6/3/2010 1:30	19.063581	1.42	1.40
6/3/2010 1:45	19.054934	1.43	1.40
6/3/2010 2:00	19.05607	1.42	1.38
6/3/2010 2:15	19.055208	1.42	1.37
6/3/2010 2:30	19.057344	1.42	1.36
6/3/2010 2:45	19.064844	1.42	1.36
6/3/2010 3:00	19.076738	1.40	1.34
6/3/2010 3:15	19.078003	1.40	1.33
6/3/2010 3:30	19.083273	1.40	1.33
6/3/2010 3:45	19.092005	1.39	1.31
6/3/2010 4:00	19.097227	1.38	1.30
6/3/2010 4:15	19.106321	1.37	1.29
6/3/2010 4:30	19.111465	1.37	1.29
6/3/2010 4:45	19.113338	1.37	1.29
6/3/2010 5:00	19.118317	1.36	1.28
6/3/2010 5:15	19.124575	1.36	1.29
6/3/2010 5:30	19.133406	1.35	1.28
6/3/2010 5:45	19.136929	1.34	1.27
6/3/2010 6:00	19.139044	1.34	1.27
6/3/2010 6:15	19.147329	1.33	1.26
6/3/2010 6:30	19.148287	1.33	1.26
6/3/2010 6:45	19.148684	1.33	1.26
6/3/2010 7:00	19.148802	1.33	1.28
6/3/2010 7:15	19.148258	1.33	1.28
6/3/2010 7:30	19.142456	1.34	1.29
6/3/2010 7:45	19.138571	1.34	1.29
6/3/2010 8:00	19.130344	1.35	1.31
6/3/2010 8:15	19.111416	1.37	1.34
6/3/2010 8:30	19.097334	1.38	1.35
6/3/2010 8:45	19.08696	1.39	1.36
6/3/2010 9:00	19.072847	1.41	1.38
6/3/2010 9:15	19.059261	1.42	1.39
6/3/2010 9:30	19.04566	1.43	1.40
6/3/2010 9:45	19.022161	1.46	1.43

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/2/2010 15:00	19.496946	0.94	0.94
6/2/2010 15:15	19.519823	0.92	0.92
6/2/2010 15:30	19.553131	0.89	0.89
6/2/2010 15:45	19.587839	0.85	0.84
6/2/2010 16:00	19.624027	0.82	0.81
6/2/2010 16:15	19.654568	0.79	0.78
6/2/2010 16:30	19.67511	0.76	0.75
6/2/2010 16:45	19.682085	0.76	0.75
6/2/2010 17:00	19.707968	0.73	0.72
6/2/2010 17:15	19.737486	0.70	0.69
6/2/2010 17:30	19.773136	0.67	0.67
6/2/2010 17:45	19.809036	0.63	0.62
6/2/2010 18:00	19.828213	0.61	0.60
6/2/2010 18:15	19.840214	0.60	0.58
6/2/2010 18:30	19.842073	0.60	0.59
6/2/2010 18:45	19.834766	0.61	0.59
6/2/2010 19:00	19.839233	0.60	0.58
6/2/2010 19:15	19.83177	0.61	0.59
6/2/2010 19:30	19.813353	0.63	0.61
6/2/2010 19:45	19.793814	0.65	0.62
6/2/2010 20:00	19.755447	0.68	0.65
6/2/2010 20:15	19.717779	0.72	0.69
6/2/2010 20:30	19.692564	0.75	0.72
6/2/2010 20:45	19.663876	0.78	0.74
6/2/2010 21:00	19.642887	0.80	0.76
6/2/2010 21:15	19.608459	0.83	0.79
6/2/2010 21:30	19.562241	0.88	0.84
6/2/2010 21:45	19.51498	0.93	0.89
6/2/2010 22:00	19.463167	0.98	0.94
6/2/2010 22:15	19.423021	1.02	0.97
6/2/2010 22:30	19.389393	1.05	1.00
6/2/2010 22:45	19.356909	1.08	1.03
6/2/2010 23:00	19.330576	1.11	1.06
6/2/2010 23:15	19.302414	1.14	1.09
6/2/2010 23:30	19.279446	1.16	1.11
6/2/2010 23:45	19.248861	1.19	1.14
6/3/2010 0:00	19.227324	1.21	1.16
6/3/2010 0:15	19.2132	1.23	1.19
6/3/2010 0:30	19.200455	1.24	1.20
6/3/2010 0:45	19.192228	1.25	1.20
6/3/2010 1:00	19.178576	1.26	1.22
6/3/2010 1:15	19.169989	1.27	1.24
6/3/2010 1:30	19.161089	1.28	1.25
6/3/2010 1:45	19.164907	1.28	1.24
6/3/2010 2:00	19.171602	1.27	1.22
6/3/2010 2:15	19.185781	1.25	1.20
6/3/2010 2:30	19.19631	1.24	1.18
6/3/2010 2:45	19.2215	1.22	1.16
6/3/2010 3:00	19.244604	1.20	1.14
6/3/2010 3:15	19.24795	1.19	1.11
6/3/2010 3:30	19.262632	1.18	1.10
6/3/2010 3:45	19.281263	1.16	1.08
6/3/2010 4:00	19.286833	1.15	1.07
6/3/2010 4:15	19.304892	1.14	1.06
6/3/2010 4:30	19.309803	1.13	1.05
6/3/2010 4:45	19.309734	1.13	1.05
6/3/2010 5:00	19.322601	1.12	1.04
6/3/2010 5:15	19.329458	1.11	1.03
6/3/2010 5:30	19.343428	1.10	1.02
6/3/2010 5:45	19.343611	1.10	1.02
6/3/2010 6:00	19.346634	1.09	1.01
6/3/2010 6:15	19.353565	1.09	1.02
6/3/2010 6:30	19.358566	1.08	1.01
6/3/2010 6:45	19.355085	1.08	1.01
6/3/2010 7:00	19.349606	1.09	1.04
6/3/2010 7:15	19.349045	1.09	1.04
6/3/2010 7:30	19.332209	1.11	1.06
6/3/2010 7:45	19.326859	1.11	1.06
6/3/2010 8:00	19.305115	1.13	1.08

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/3/2010 8:15:00	19.401947	1.12	1.07
6/3/2010 8:30:00	19.396196	1.12	1.07
6/3/2010 8:45:00	19.390476	1.13	1.08
6/3/2010 9:00:00	19.384016	1.14	1.08
6/3/2010 9:15:00	19.375671	1.14	1.09
6/3/2010 9:30:00	19.372616	1.15	1.09
6/3/2010 9:45:00	19.366043	1.15	1.10
6/3/2010 10:00:00	19.355387	1.16	1.11
6/3/2010 10:15:00	19.344456	1.18	1.12
6/3/2010 10:30:00	19.333261	1.19	1.13
6/3/2010 10:45:00	19.322296	1.20	1.12
6/3/2010 11:00:00	19.315676	1.20	1.13
6/3/2010 11:15:00	19.311859	1.21	1.14
6/3/2010 11:30:00	19.301834	1.22	1.15
6/3/2010 11:45:00	19.289768	1.23	1.17
6/3/2010 12:00:00	19.279318	1.24	1.18
6/3/2010 12:15:00	19.268576	1.25	1.19
6/3/2010 12:30:00	19.258467	1.26	1.20
6/3/2010 12:45:00	19.248194	1.27	1.21
6/3/2010 13:00:00	19.240845	1.28	1.21
6/3/2010 13:15:00	19.231871	1.29	1.22
6/3/2010 13:30:00	19.224932	1.30	1.22
6/3/2010 13:45:00	19.218231	1.30	1.23
6/3/2010 14:00:00	19.217924	1.30	1.24
6/3/2010 14:15:00	19.209181	1.31	1.24
6/3/2010 14:30:00	19.207846	1.31	1.25
6/3/2010 14:45:00	19.198549	1.32	1.24
6/3/2010 15:00:00	19.207241	1.31	1.24
6/3/2010 15:15:00	19.204138	1.32	1.24
6/3/2010 15:30:00	19.196127	1.32	1.24
6/3/2010 15:45:00	19.195524	1.32	1.24
6/3/2010 16:00:00	19.196127	1.32	1.23
6/3/2010 16:15:00	19.200659	1.32	1.22
6/3/2010 16:30:00	19.19972	1.32	1.20
6/3/2010 16:45:00	19.200159	1.32	1.19
6/3/2010 17:00:00	19.21747	1.30	1.20
6/3/2010 17:15:00	19.226637	1.29	1.20
6/3/2010 17:30:00	19.225111	1.29	1.19
6/3/2010 17:45:00	19.224638	1.30	1.19
6/3/2010 18:00:00	19.241175	1.28	1.17
6/3/2010 18:15:00	19.241175	1.28	1.17
6/3/2010 18:30:00	19.264055	1.26	1.16
6/3/2010 18:45:00	19.265238	1.25	1.15
6/3/2010 19:00:00	19.279562	1.24	1.15
6/3/2010 19:15:00	19.291912	1.23	1.14
6/3/2010 19:30:00	19.295031	1.22	1.15
6/3/2010 19:45:00	19.295851	1.22	1.14
6/3/2010 20:00:00	19.300629	1.22	1.13
6/3/2010 20:15:00	19.31629	1.20	1.14
6/3/2010 20:30:00	19.328892	1.19	1.14
6/3/2010 20:45:00	19.336103	1.18	1.14
6/3/2010 21:00:00	19.339779	1.18	1.15
6/3/2010 21:15:00	19.341928	1.18	1.15
6/3/2010 21:30:00	19.344957	1.18	1.15
6/3/2010 21:45:00	19.333481	1.19	1.17
6/3/2010 22:00:00	19.322666	1.20	1.18
6/3/2010 22:15:00	19.319139	1.20	1.19
6/3/2010 22:30:00	19.312237	1.21	1.20
6/3/2010 22:45:00	19.306335	1.21	1.20
6/3/2010 23:00:00	19.297947	1.22	1.21
6/3/2010 23:15:00	19.29151	1.23	1.22
6/3/2010 23:30:00	19.279028	1.24	1.23
6/3/2010 23:45:00	19.274982	1.25	1.23
6/4/2010 0:00:00	19.261347	1.26	1.25
6/4/2010 0:15:00	19.249979	1.27	1.26
6/4/2010 0:30:00	19.242941	1.28	1.28
6/4/2010 0:45:00	19.230425	1.29	1.28
6/4/2010 1:00:00	19.228283	1.29	1.28
6/4/2010 1:15:00	19.221533	1.30	1.28

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/3/2010 10:00	18.999701	1.48	1.45
6/3/2010 10:15	18.980299	1.50	1.47
6/3/2010 10:30	18.956881	1.52	1.49
6/3/2010 10:45	18.93638	1.54	1.49
6/3/2010 11:00	18.923502	1.56	1.51
6/3/2010 11:15	18.91073	1.57	1.53
6/3/2010 11:30	18.896053	1.58	1.54
6/3/2010 11:45	18.88273	1.60	1.56
6/3/2010 12:00	18.867992	1.61	1.57
6/3/2010 12:15	18.852535	1.63	1.59
6/3/2010 12:30	18.846819	1.63	1.59
6/3/2010 12:45	18.845654	1.63	1.59
6/3/2010 13:00	18.842173	1.64	1.59
6/3/2010 13:15	18.842464	1.64	1.60
6/3/2010 13:30	18.84601	1.63	1.58
6/3/2010 13:45	18.849369	1.63	1.58
6/3/2010 14:00	18.856785	1.62	1.58
6/3/2010 14:15	18.869398	1.61	1.56
6/3/2010 14:30	18.885271	1.59	1.55
6/3/2010 14:45	18.894012	1.59	1.53
6/3/2010 15:00	18.912022	1.57	1.52
6/3/2010 15:15	18.923405	1.56	1.51
6/3/2010 15:30	18.927347	1.55	1.49
6/3/2010 15:45	18.938856	1.54	1.48
6/3/2010 16:00	18.953522	1.53	1.46
6/3/2010 16:15	18.968367	1.51	1.44
6/3/2010 16:30	18.97694	1.50	1.42
6/3/2010 16:45	18.98727	1.49	1.40
6/3/2010 17:00	19.00758	1.47	1.40
6/3/2010 17:15	19.024807	1.46	1.39
6/3/2010 17:30	19.043518	1.44	1.37
6/3/2010 17:45	19.05781	1.42	1.35
6/3/2010 18:00	19.071278	1.41	1.34
6/3/2010 18:15	19.08078	1.40	1.33
6/3/2010 18:30	19.104292	1.38	1.31
6/3/2010 18:45	19.131784	1.35	1.28
6/3/2010 19:00	19.142973	1.34	1.27
6/3/2010 19:15	19.137131	1.34	1.28
6/3/2010 19:30	19.130184	1.35	1.30
6/3/2010 19:45	19.1259	1.35	1.29
6/3/2010 20:00	19.116642	1.36	1.30
6/3/2010 20:15	19.126278	1.35	1.31
6/3/2010 20:30	19.181011	1.30	1.27
6/3/2010 20:45	19.189396	1.29	1.27
6/3/2010 21:00	19.168882	1.31	1.29
6/3/2010 21:15	19.158245	1.32	1.30
6/3/2010 21:30	19.108341	1.37	1.36
6/3/2010 21:45	19.066525	1.41	1.40
6/3/2010 22:00	19.042593	1.44	1.43
6/3/2010 22:15	19.02647	1.45	1.45
6/3/2010 22:30	19.022278	1.46	1.46
6/3/2010 22:45	19.013199	1.47	1.47
6/3/2010 23:00	19.015329	1.46	1.46
6/3/2010 23:15	19.005545	1.47	1.47
6/3/2010 23:30	18.973415	1.51	1.51
6/3/2010 23:45	18.951273	1.53	1.53
6/4/2010 0:00	18.924923	1.56	1.56
6/4/2010 0:15	18.902033	1.58	1.58
6/4/2010 0:30	18.907579	1.57	1.58
6/4/2010 0:45	18.921078	1.56	1.56
6/4/2010 1:00	18.931522	1.55	1.55
6/4/2010 1:15	18.938192	1.54	1.53
6/4/2010 1:30	18.944492	1.54	1.54
6/4/2010 1:45	18.926989	1.55	1.55
6/4/2010 2:00	18.918734	1.56	1.55
6/4/2010 2:15	18.921722	1.56	1.55
6/4/2010 2:30	18.928267	1.55	1.53
6/4/2010 2:45	18.944918	1.54	1.53
6/4/2010 3:00	18.958872	1.52	1.50

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/3/2010 8:15	19.263987	1.18	1.14
6/3/2010 8:30	19.244602	1.20	1.16
6/3/2010 8:45	19.229391	1.21	1.17
6/3/2010 9:00	19.206053	1.23	1.19
6/3/2010 9:15	19.185329	1.25	1.21
6/3/2010 9:30	19.161701	1.28	1.24
6/3/2010 9:45	19.118641	1.32	1.28
6/3/2010 10:00	19.087744	1.35	1.31
6/3/2010 10:15	19.059072	1.38	1.34
6/3/2010 10:30	19.026184	1.41	1.37
6/3/2010 10:45	18.994324	1.45	1.40
6/3/2010 11:00	18.980558	1.46	1.41
6/3/2010 11:15	18.965992	1.47	1.42
6/3/2010 11:30	18.94393	1.50	1.45
6/3/2010 11:45	18.929148	1.51	1.46
6/3/2010 12:00	18.906153	1.53	1.48
6/3/2010 12:15	18.890528	1.55	1.50
6/3/2010 12:30	18.892948	1.55	1.50
6/3/2010 12:45	18.901014	1.54	1.49
6/3/2010 13:00	18.901327	1.54	1.49
6/3/2010 13:15	18.911879	1.53	1.48
6/3/2010 13:30	18.920238	1.52	1.47
6/3/2010 13:45	18.929178	1.51	1.46
6/3/2010 14:00	18.948151	1.49	1.44
6/3/2010 14:15	18.985411	1.45	1.40
6/3/2010 14:30	19.016285	1.42	1.37
6/3/2010 14:45	19.029619	1.41	1.35
6/3/2010 15:00	19.065868	1.37	1.32
6/3/2010 15:15	19.078905	1.36	1.31
6/3/2010 15:30	19.088623	1.35	1.29
6/3/2010 15:45	19.1136	1.33	1.27
6/3/2010 16:00	19.140978	1.30	1.23
6/3/2010 16:15	19.162008	1.28	1.21
6/3/2010 16:30	19.175892	1.26	1.18
6/3/2010 16:45	19.196903	1.24	1.15
6/3/2010 17:00	19.224745	1.22	1.14
6/3/2010 17:15	19.246977	1.19	1.12
6/3/2010 17:30	19.272505	1.17	1.09
6/3/2010 17:45	19.300123	1.14	1.06
6/3/2010 18:00	19.313314	1.13	1.05
6/3/2010 18:15	19.320311	1.12	1.04
6/3/2010 18:30	19.374847	1.07	1.00
6/3/2010 18:45	19.426073	1.01	0.93
6/3/2010 19:00	19.41716	1.02	0.95
6/3/2010 19:15	19.388662	1.05	0.99
6/3/2010 19:30	19.363108	1.08	1.03
6/3/2010 19:45	19.359818	1.08	1.02
6/3/2010 20:00	19.325144	1.11	1.05
6/3/2010 20:15	19.356297	1.08	1.03
6/3/2010 20:30	19.477764	0.96	0.92
6/3/2010 20:45	19.45225	0.99	0.96
6/3/2010 21:00	19.403461	1.04	1.02
6/3/2010 21:15	19.374762	1.07	1.05
6/3/2010 21:30	19.251755	1.19	1.17
6/3/2010 21:45	19.187176	1.25	1.23
6/3/2010 22:00	19.1544	1.29	1.27
6/3/2010 22:15	19.140202	1.30	1.29
6/3/2010 22:30	19.141485	1.30	1.29
6/3/2010 22:45	19.136446	1.30	1.29
6/3/2010 23:00	19.145735	1.29	1.28
6/3/2010 23:15	19.130665	1.31	1.30
6/3/2010 23:30	19.070044	1.37	1.36
6/3/2010 23:45	19.036911	1.40	1.39
6/4/2010 0:00	18.992956	1.45	1.44
6/4/2010 0:15	18.965717	1.47	1.46
6/4/2010 0:30	18.995953	1.44	1.44
6/4/2010 0:45	19.038282	1.40	1.39
6/4/2010 1:00	19.063467	1.38	1.37
6/4/2010 1:15	19.075527	1.36	1.34

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/4/2010 1:30:00	19.222736	1.30	1.29
6/4/2010 1:45:00	19.217421	1.30	1.29
6/4/2010 2:00:00	19.209097	1.31	1.29
6/4/2010 2:15:00	19.204498	1.32	1.29
6/4/2010 2:30:00	19.199411	1.32	1.29
6/4/2010 2:45:00	19.199686	1.32	1.30
6/4/2010 3:00:00	19.198954	1.32	1.29
6/4/2010 3:15:00	19.203686	1.32	1.30
6/4/2010 3:30:00	19.213146	1.31	1.29
6/4/2010 3:45:00	19.212282	1.31	1.30
6/4/2010 4:00:00	19.210402	1.31	1.30
6/4/2010 4:15:00	19.20812	1.31	1.30
6/4/2010 4:30:00	19.216251	1.30	1.30
6/4/2010 4:45:00	19.221968	1.30	1.30
6/4/2010 5:00:00	19.225315	1.29	1.29
6/4/2010 5:15:00	19.229189	1.29	1.29
6/4/2010 5:30:00	19.238749	1.28	1.28
6/4/2010 5:45:00	19.247852	1.27	1.27
6/4/2010 6:00:00	19.257977	1.26	1.27
6/4/2010 6:15:00	19.266218	1.25	1.28
6/4/2010 6:30:00	19.27812	1.24	1.26
6/4/2010 6:45:00	19.288275	1.23	1.27
6/4/2010 7:00:00	19.298788	1.22	1.26
6/4/2010 7:15:00	19.309185	1.21	1.25
6/4/2010 7:30:00	19.316797	1.20	1.27
6/4/2010 7:45:00	19.32099	1.20	1.25
6/4/2010 8:00:00	19.335218	1.18	1.24
6/4/2010 8:15:00	19.346014	1.17	1.23
6/4/2010 8:30:00	19.353527	1.17	1.23
6/4/2010 8:45:00	19.356485	1.16	1.22
6/4/2010 9:00:00	19.36433	1.16	1.21
6/4/2010 9:15:00	19.364323	1.16	1.22
6/4/2010 9:30:00	19.370604	1.15	1.21
6/4/2010 9:45:00	19.373692	1.15	1.21
6/4/2010 10:00:00	19.376896	1.14	1.22
6/4/2010 10:15:00	19.376455	1.14	1.22
6/4/2010 10:30:00	19.374521	1.15	1.21
6/4/2010 10:45:00	19.372707	1.15	1.22
6/4/2010 11:00:00	19.362717	1.16	1.23
6/4/2010 11:15:00	19.36026	1.16	1.23
6/4/2010 11:30:00	19.355091	1.16	1.24
6/4/2010 11:45:00	19.350264	1.17	1.24
6/4/2010 12:00:00	19.34236	1.18	1.26
6/4/2010 12:15:00	19.335972	1.18	1.27
6/4/2010 12:30:00	19.320749	1.20	1.26
6/4/2010 12:45:00	19.313738	1.21	1.28
6/4/2010 13:00:00	19.304304	1.22	1.28
6/4/2010 13:15:00	19.296764	1.22	1.29
6/4/2010 13:30:00	19.29125	1.23	1.29
6/4/2010 13:45:00	19.285061	1.23	1.29
6/4/2010 14:00:00	19.281401	1.24	1.29
6/4/2010 14:15:00	19.275129	1.24	1.29
6/4/2010 14:30:00	19.272264	1.25	1.29
6/4/2010 14:45:00	19.269007	1.25	1.28
6/4/2010 15:00:00	19.266268	1.25	1.29
6/4/2010 15:15:00	19.264967	1.26	1.28
6/4/2010 15:30:00	19.269243	1.25	1.26
6/4/2010 15:45:00	19.270224	1.25	1.25
6/4/2010 16:00:00	19.276947	1.24	1.24
6/4/2010 16:15:00	19.284037	1.24	1.24
6/4/2010 16:30:00	19.287527	1.23	1.23
6/4/2010 16:45:00	19.29501	1.22	1.23
6/4/2010 17:00:00	19.30328	1.22	1.21
6/4/2010 17:15:00	19.307491	1.21	1.20
6/4/2010 17:30:00	19.319733	1.20	1.18
6/4/2010 17:45:00	19.338318	1.18	1.18
6/4/2010 18:00:00	19.347158	1.17	1.17
6/4/2010 18:15:00	19.35936	1.16	1.17
6/4/2010 18:30:00	19.379713	1.14	1.16

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/4/2010 3:15	18.966787	1.51	1.50
6/4/2010 3:30	18.975374	1.50	1.49
6/4/2010 3:45	18.976938	1.50	1.50
6/4/2010 4:00	18.982809	1.50	1.50
6/4/2010 4:15	18.983856	1.50	1.50
6/4/2010 4:30	19.002792	1.48	1.49
6/4/2010 4:45	19.024174	1.46	1.47
6/4/2010 5:00	19.03895	1.44	1.45
6/4/2010 5:15	19.05731	1.42	1.43
6/4/2010 5:30	19.071442	1.41	1.42
6/4/2010 5:45	19.084499	1.40	1.41
6/4/2010 6:00	19.099653	1.38	1.40
6/4/2010 6:15	19.120178	1.36	1.38
6/4/2010 6:30	19.144836	1.34	1.36
6/4/2010 6:45	19.160315	1.32	1.36
6/4/2010 7:00	19.176907	1.30	1.34
6/4/2010 7:15	19.185261	1.29	1.33
6/4/2010 7:30	19.185146	1.29	1.35
6/4/2010 7:45	19.194891	1.29	1.34
6/4/2010 8:00	19.211411	1.27	1.32
6/4/2010 8:15	19.224686	1.26	1.31
6/4/2010 8:30	19.230297	1.25	1.31
6/4/2010 8:45	19.221468	1.26	1.31
6/4/2010 9:00	19.208323	1.27	1.32
6/4/2010 9:15	19.19137	1.29	1.35
6/4/2010 9:30	19.184771	1.30	1.36
6/4/2010 9:45	19.184603	1.30	1.36
6/4/2010 10:00	19.174831	1.31	1.38
6/4/2010 10:15	19.160418	1.32	1.39
6/4/2010 10:30	19.141357	1.34	1.40
6/4/2010 10:45	19.116629	1.36	1.43
6/4/2010 11:00	19.097351	1.38	1.45
6/4/2010 11:15	19.0807	1.40	1.47
6/4/2010 11:30	19.071215	1.41	1.48
6/4/2010 11:45	19.062632	1.42	1.49
6/4/2010 12:00	19.053173	1.43	1.50
6/4/2010 12:15	19.043497	1.44	1.51
6/4/2010 12:30	19.024609	1.46	1.52
6/4/2010 12:45	19.007603	1.47	1.54
6/4/2010 13:00	19.000172	1.48	1.54
6/4/2010 13:15	18.997908	1.48	1.54
6/4/2010 13:30	18.996786	1.48	1.54
6/4/2010 13:45	18.999201	1.48	1.53
6/4/2010 14:00	18.999247	1.48	1.53
6/4/2010 14:15	19.002899	1.48	1.52
6/4/2010 14:30	19.011164	1.47	1.51
6/4/2010 14:45	19.022701	1.46	1.49
6/4/2010 15:00	19.029125	1.45	1.48
6/4/2010 15:15	19.041292	1.44	1.46
6/4/2010 15:30	19.051458	1.43	1.45
6/4/2010 15:45	19.067186	1.41	1.42
6/4/2010 16:00	19.080156	1.40	1.41
6/4/2010 16:15	19.093763	1.39	1.40
6/4/2010 16:30	19.109888	1.37	1.38
6/4/2010 16:45	19.129263	1.35	1.36
6/4/2010 17:00	19.144913	1.34	1.34
6/4/2010 17:15	19.157658	1.32	1.32
6/4/2010 17:30	19.172581	1.31	1.30
6/4/2010 17:45	19.191071	1.29	1.30
6/4/2010 18:00	19.217525	1.26	1.27
6/4/2010 18:15	19.238001	1.24	1.26
6/4/2010 18:30	19.26503	1.21	1.23
6/4/2010 18:45	19.277685	1.20	1.22
6/4/2010 19:00	19.286467	1.19	1.21
6/4/2010 19:15	19.291744	1.19	1.21
6/4/2010 19:30	19.308777	1.17	1.19
6/4/2010 19:45	19.327106	1.15	1.17
6/4/2010 20:00	19.338079	1.14	1.16
6/4/2010 20:15	19.353647	1.13	1.15

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/4/2010 1:30	19.085928	1.35	1.34
6/4/2010 1:45	19.044378	1.40	1.39
6/4/2010 2:00	19.037703	1.40	1.38
6/4/2010 2:15	19.050253	1.39	1.37
6/4/2010 2:30	19.066374	1.37	1.35
6/4/2010 2:45	19.111355	1.33	1.31
6/4/2010 3:00	19.129398	1.31	1.29
6/4/2010 3:15	19.140345	1.30	1.28
6/4/2010 3:30	19.153894	1.29	1.27
6/4/2010 3:45	19.153444	1.29	1.28
6/4/2010 4:00	19.161901	1.28	1.27
6/4/2010 4:15	19.165007	1.27	1.26
6/4/2010 4:30	19.201338	1.24	1.24
6/4/2010 4:45	19.241955	1.20	1.20
6/4/2010 5:00	19.260744	1.18	1.18
6/4/2010 5:15	19.292156	1.15	1.15
6/4/2010 5:30	19.312195	1.13	1.13
6/4/2010 5:45	19.324955	1.12	1.12
6/4/2010 6:00	19.348249	1.09	1.10
6/4/2010 6:15	19.382675	1.06	1.08
6/4/2010 6:30	19.416973	1.02	1.04
6/4/2010 6:45	19.432953	1.01	1.04
6/4/2010 7:00	19.455042	0.98	1.01
6/4/2010 7:15	19.456255	0.98	1.01
6/4/2010 7:30	19.447546	0.99	1.04
6/4/2010 7:45	19.464436	0.98	1.02
6/4/2010 8:00	19.49246	0.95	0.99
6/4/2010 8:15	19.510668	0.93	0.97
6/4/2010 8:30	19.505144	0.93	0.98
6/4/2010 8:45	19.476164	0.96	1.00
6/4/2010 9:00	19.446135	0.99	1.03
6/4/2010 9:15	19.409304	1.03	1.08
6/4/2010 9:30	19.402815	1.04	1.09
6/4/2010 9:45	19.400013	1.04	1.09
6/4/2010 10:00	19.379175	1.06	1.11
6/4/2010 10:15	19.351101	1.09	1.14
6/4/2010 10:30	19.305471	1.13	1.18
6/4/2010 10:45	19.26112	1.18	1.23
6/4/2010 11:00	19.232227	1.21	1.26
6/4/2010 11:15	19.214504	1.23	1.28
6/4/2010 11:30	19.205048	1.23	1.28
6/4/2010 11:45	19.192791	1.25	1.30
6/4/2010 12:00	19.182816	1.26	1.32
6/4/2010 12:15	19.169847	1.27	1.33
6/4/2010 12:30	19.138346	1.30	1.35
6/4/2010 12:45	19.11392	1.33	1.38
6/4/2010 13:00	19.112747	1.33	1.38
6/4/2010 13:15	19.113247	1.33	1.38
6/4/2010 13:30	19.126787	1.31	1.36
6/4/2010 13:45	19.135054	1.30	1.34
6/4/2010 14:00	19.13979	1.30	1.34
6/4/2010 14:15	19.1516	1.29	1.32
6/4/2010 14:30	19.169565	1.27	1.30
6/4/2010 14:45	19.197214	1.24	1.26
6/4/2010 15:00	19.209364	1.23	1.25
6/4/2010 15:15	19.227798	1.21	1.23
6/4/2010 15:30	19.257811	1.18	1.19
6/4/2010 15:45	19.283474	1.16	1.16
6/4/2010 16:00	19.301737	1.14	1.14
6/4/2010 16:15	19.323023	1.12	1.12
6/4/2010 16:30	19.351131	1.09	1.09
6/4/2010 16:45	19.384359	1.06	1.06
6/4/2010 17:00	19.40259	1.04	1.03
6/4/2010 17:15	19.423269	1.02	1.01
6/4/2010 17:30	19.446384	0.99	0.97
6/4/2010 17:45	19.469446	0.97	0.97
6/4/2010 18:00	19.507586	0.93	0.93
6/4/2010 18:15	19.536352	0.90	0.91
6/4/2010 18:30	19.57243	0.87	0.89

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/4/2010 18:45:00	19.379322	1.14	1.15
6/4/2010 19:00:00	19.389952	1.13	1.15
6/4/2010 19:15:00	19.400574	1.12	1.14
6/4/2010 19:30:00	19.405172	1.11	1.13
6/4/2010 19:45:00	19.422213	1.10	1.12
6/4/2010 20:00:00	19.421116	1.10	1.11
6/4/2010 20:15:00	19.434626	1.09	1.10
6/4/2010 20:30:00	19.453993	1.07	1.09
6/4/2010 20:45:00	19.464201	1.06	1.09
6/4/2010 21:00:00	19.457876	1.06	1.08
6/4/2010 21:15:00	19.456911	1.06	1.07
6/4/2010 21:30:00	19.462261	1.06	1.07
6/4/2010 21:45:00	19.467136	1.05	1.06
6/4/2010 22:00:00	19.471329	1.05	1.06
6/4/2010 22:15:00	19.47543	1.04	1.07
6/4/2010 22:30:00	19.473379	1.05	1.07
6/4/2010 22:45:00	19.465317	1.05	1.07
6/4/2010 23:00:00	19.455713	1.06	1.06
6/4/2010 23:15:00	19.449873	1.07	1.07
6/4/2010 23:30:00	19.438112	1.08	1.08
6/4/2010 23:45:00	19.431873	1.09	1.08
6/5/2010 0:00:00	19.418976	1.10	1.09
6/5/2010 0:15:00	19.403833	1.12	1.11
6/5/2010 0:30:00	19.390879	1.13	1.10
6/5/2010 0:45:00	19.382399	1.14	1.11
6/5/2010 1:00:00	19.371929	1.15	1.12
6/5/2010 1:15:00	19.359152	1.16	1.14
6/5/2010 1:30:00	19.349365	1.17	1.15
6/5/2010 1:45:00	19.332674	1.19	1.18
6/5/2010 2:00:00	19.314672	1.21	1.18
6/5/2010 2:15:00	19.306274	1.21	1.18
6/5/2010 2:30:00	19.29426	1.23	1.19
6/5/2010 2:45:00	19.278915	1.24	1.20
6/5/2010 3:00:00	19.259441	1.26	1.20
6/5/2010 3:15:00	19.260174	1.26	1.20
6/5/2010 3:30:00	19.252142	1.27	1.20
6/5/2010 3:45:00	19.252415	1.27	1.21
6/5/2010 4:00:00	19.243494	1.28	1.23
6/5/2010 4:15:00	19.239578	1.28	1.23
6/5/2010 4:30:00	19.233124	1.29	1.23
6/5/2010 4:45:00	19.232197	1.29	1.23
6/5/2010 5:00:00	19.232748	1.29	1.23
6/5/2010 5:15:00	19.226866	1.29	1.25
6/5/2010 5:30:00	19.227308	1.29	1.25
6/5/2010 5:45:00	19.225842	1.29	1.24
6/5/2010 6:00:00	19.228916	1.29	1.24
6/5/2010 6:15:00	19.238602	1.28	1.25
6/5/2010 6:30:00	19.241137	1.28	1.25
6/5/2010 6:45:00	19.24275	1.28	1.25
6/5/2010 7:00:00	19.249949	1.27	1.25
6/5/2010 7:15:00	19.24795	1.27	1.24
6/5/2010 7:30:00	19.255949	1.26	1.23
6/5/2010 7:45:00	19.263323	1.26	1.24
6/5/2010 8:00:00	19.261602	1.26	1.23
6/5/2010 8:15:00	19.273748	1.25	1.23
6/5/2010 8:30:00	19.272266	1.25	1.23
6/5/2010 8:45:00	19.286846	1.23	1.22
6/5/2010 9:00:00	19.293333	1.23	1.22
6/5/2010 9:15:00	19.29178	1.23	1.21
6/5/2010 9:30:00	19.291601	1.23	1.21
6/5/2010 9:45:00	19.295168	1.22	1.20
6/5/2010 10:00:00	19.299582	1.22	1.19
6/5/2010 10:15:00	19.304348	1.22	1.18
6/5/2010 10:30:00	19.31167	1.21	1.19
6/5/2010 10:45:00	19.302385	1.22	1.19
6/5/2010 11:00:00	19.301136	1.22	1.20
6/5/2010 11:15:00	19.304825	1.22	1.19
6/5/2010 11:30:00	19.304857	1.22	1.19
6/5/2010 11:45:00	19.290926	1.23	1.21

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/4/2010 20:30	19.360886	1.12	1.14
6/4/2010 20:45	19.357166	1.12	1.15
6/4/2010 21:00	19.337109	1.14	1.16
6/4/2010 21:15	19.316179	1.16	1.18
6/4/2010 21:30	19.302372	1.18	1.20
6/4/2010 21:45	19.292189	1.19	1.21
6/4/2010 22:00	19.278772	1.20	1.22
6/4/2010 22:15	19.265392	1.21	1.23
6/4/2010 22:30	19.244129	1.24	1.26
6/4/2010 22:45	19.217535	1.26	1.28
6/4/2010 23:00	19.189604	1.29	1.30
6/4/2010 23:15	19.161221	1.32	1.33
6/4/2010 23:30	19.138632	1.34	1.35
6/4/2010 23:45	19.118475	1.36	1.36
6/5/2010 0:00	19.093487	1.39	1.39
6/5/2010 0:15	19.072876	1.41	1.41
6/5/2010 0:30	19.051865	1.43	1.41
6/5/2010 0:45	19.029575	1.45	1.43
6/5/2010 1:00	19.006926	1.47	1.45
6/5/2010 1:15	18.984425	1.50	1.49
6/5/2010 1:30	18.967791	1.51	1.50
6/5/2010 1:45	18.952129	1.53	1.53
6/5/2010 2:00	18.940115	1.54	1.53
6/5/2010 2:15	18.931166	1.55	1.53
6/5/2010 2:30	18.924168	1.56	1.54
6/5/2010 2:45	18.912445	1.57	1.55
6/5/2010 3:00	18.906754	1.57	1.53
6/5/2010 3:15	18.90724	1.57	1.53
6/5/2010 3:30	18.905699	1.57	1.53
6/5/2010 3:45	18.915236	1.56	1.53
6/5/2010 4:00	18.91976	1.56	1.54
6/5/2010 4:15	18.928646	1.55	1.52
6/5/2010 4:30	18.933071	1.55	1.52
6/5/2010 4:45	18.943945	1.54	1.51
6/5/2010 5:00	18.947794	1.53	1.50
6/5/2010 5:15	18.954556	1.53	1.51
6/5/2010 5:30	18.972757	1.51	1.49
6/5/2010 5:45	18.981947	1.50	1.47
6/5/2010 6:00	18.996351	1.48	1.45
6/5/2010 6:15	19.013849	1.47	1.45
6/5/2010 6:30	19.021315	1.46	1.44
6/5/2010 6:45	19.033646	1.45	1.43
6/5/2010 7:00	19.046221	1.43	1.42
6/5/2010 7:15	19.054579	1.43	1.41
6/5/2010 7:30	19.066805	1.41	1.39
6/5/2010 7:45	19.0788	1.40	1.39
6/5/2010 8:00	19.087147	1.39	1.37
6/5/2010 8:15	19.100643	1.38	1.37
6/5/2010 8:30	19.105499	1.37	1.36
6/5/2010 8:45	19.109911	1.37	1.37
6/5/2010 9:00	19.112577	1.37	1.37
6/5/2010 9:15	19.114014	1.37	1.36
6/5/2010 9:30	19.114811	1.37	1.36
6/5/2010 9:45	19.115917	1.36	1.35
6/5/2010 10:00	19.11133	1.37	1.35
6/5/2010 10:15	19.100101	1.38	1.36
6/5/2010 10:30	19.090265	1.39	1.38
6/5/2010 10:45	19.071489	1.41	1.39
6/5/2010 11:00	19.06111	1.42	1.41
6/5/2010 11:15	19.056423	1.42	1.41
6/5/2010 11:30	19.051908	1.43	1.42
6/5/2010 11:45	19.040281	1.44	1.43
6/5/2010 12:00	19.021688	1.46	1.44
6/5/2010 12:15	19.003971	1.48	1.46
6/5/2010 12:30	18.986334	1.49	1.47
6/5/2010 12:45	18.975857	1.50	1.48
6/5/2010 13:00	18.971024	1.51	1.49
6/5/2010 13:15	18.970736	1.51	1.49
6/5/2010 13:30	18.96973	1.51	1.49

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/4/2010 18:45	19.584257	0.86	0.87
6/4/2010 19:00	19.597975	0.84	0.86
6/4/2010 19:15	19.592897	0.85	0.87
6/4/2010 19:30	19.635046	0.80	0.81
6/4/2010 19:45	19.654673	0.79	0.81
6/4/2010 20:00	19.670401	0.77	0.78
6/4/2010 20:15	19.689545	0.75	0.76
6/4/2010 20:30	19.678709	0.76	0.78
6/4/2010 20:45	19.656229	0.78	0.80
6/4/2010 21:00	19.609972	0.83	0.85
6/4/2010 21:15	19.574871	0.87	0.88
6/4/2010 21:30	19.552008	0.89	0.90
6/4/2010 21:45	19.526941	0.91	0.92
6/4/2010 22:00	19.504019	0.94	0.95
6/4/2010 22:15	19.474365	0.97	0.99
6/4/2010 22:30	19.435987	1.00	1.02
6/4/2010 22:45	19.387487	1.05	1.06
6/4/2010 23:00	19.34506	1.09	1.09
6/4/2010 23:15	19.297955	1.14	1.14
6/4/2010 23:30	19.257143	1.18	1.18
6/4/2010 23:45	19.231596	1.21	1.20
6/5/2010 0:00	19.200098	1.24	1.23
6/5/2010 0:15	19.174726	1.27	1.26
6/5/2010 0:30	19.145189	1.29	1.27
6/5/2010 0:45	19.112408	1.33	1.31
6/5/2010 1:00	19.076834	1.36	1.34
6/5/2010 1:15	19.047363	1.39	1.37
6/5/2010 1:30	19.024778	1.42	1.40
6/5/2010 1:45	19.008022	1.43	1.42
6/5/2010 2:00	19.003084	1.44	1.42
6/5/2010 2:15	18.997055	1.44	1.42
6/5/2010 2:30	18.992741	1.45	1.43
6/5/2010 2:45	18.980343	1.46	1.43
6/5/2010 3:00	18.989199	1.45	1.40
6/5/2010 3:15	18.992083	1.45	1.40
6/5/2010 3:30	18.996748	1.44	1.39
6/5/2010 3:45	19.02112	1.42	1.38
6/5/2010 4:00	19.031374	1.41	1.38
6/5/2010 4:15	19.050291	1.39	1.35
6/5/2010 4:30	19.067917	1.37	1.33
6/5/2010 4:45	19.085474	1.35	1.31
6/5/2010 5:00	19.090267	1.35	1.31
6/5/2010 5:15	19.108168	1.33	1.30
6/5/2010 5:30	19.144129	1.30	1.27
6/5/2010 5:45	19.156284	1.28	1.24
6/5/2010 6:00	19.183931	1.26	1.22
6/5/2010 6:15	19.208683	1.23	1.21
6/5/2010 6:30	19.215307	1.22	1.20
6/5/2010 6:45	19.236099	1.20	1.18
6/5/2010 7:00	19.253662	1.19	1.17
6/5/2010 7:15	19.267927	1.17	1.15
6/5/2010 7:30	19.285679	1.15	1.13
6/5/2010 7:45	19.294893	1.15	1.13
6/5/2010 8:00	19.308119	1.13	1.11
6/5/2010 8:15	19.331493	1.11	1.09
6/5/2010 8:30	19.334377	1.11	1.09
6/5/2010 8:45	19.335587	1.10	1.09
6/5/2010 9:00	19.333292	1.11	1.10
6/5/2010 9:15	19.331083	1.11	1.09
6/5/2010 9:30	19.335501	1.10	1.08
6/5/2010 9:45	19.331516	1.11	1.09
6/5/2010 10:00	19.319031	1.12	1.10
6/5/2010 10:15	19.287855	1.15	1.13
6/5/2010 10:30	19.258755	1.18	1.16
6/5/2010 10:45	19.237436	1.20	1.18
6/5/2010 11:00	19.217697	1.22	1.20
6/5/2010 11:15	19.212063	1.23	1.21
6/5/2010 11:30	19.198029	1.24	1.22
6/5/2010 11:45	19.184021	1.26	1.24

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/5/2010 12:00:00	19.285139	1.23	1.20
6/5/2010 12:15:00	19.276869	1.24	1.20
6/5/2010 12:30:00	19.270723	1.25	1.21
6/5/2010 12:45:00	19.265848	1.25	1.21
6/5/2010 13:00:00	19.264526	1.26	1.22
6/5/2010 13:15:00	19.257114	1.26	1.22
6/5/2010 13:30:00	19.248272	1.27	1.24
6/5/2010 13:45:00	19.245558	1.27	1.23
6/5/2010 14:00:00	19.242682	1.28	1.23
6/5/2010 14:15:00	19.231306	1.29	1.25
6/5/2010 14:30:00	19.230732	1.29	1.25
6/5/2010 14:45:00	19.225843	1.29	1.24
6/5/2010 15:00:00	19.226786	1.29	1.24
6/5/2010 15:15:00	19.220766	1.30	1.25
6/5/2010 15:30:00	19.223612	1.30	1.23
6/5/2010 15:45:00	19.226721	1.29	1.23
6/5/2010 16:00:00	19.232471	1.29	1.22
6/5/2010 16:15:00	19.235138	1.28	1.23
6/5/2010 16:30:00	19.239399	1.28	1.22
6/5/2010 16:45:00	19.238485	1.28	1.22
6/5/2010 17:00:00	19.242781	1.28	1.21
6/5/2010 17:15:00	19.253572	1.27	1.19
6/5/2010 17:30:00	19.256758	1.26	1.18
6/5/2010 17:45:00	19.268854	1.25	1.17
6/5/2010 18:00:00	19.274998	1.25	1.17
6/5/2010 18:15:00	19.284838	1.24	1.16
6/5/2010 18:30:00	19.29809	1.22	1.15
6/5/2010 18:45:00	19.311798	1.21	1.13
6/5/2010 19:00:00	19.324675	1.20	1.13
6/5/2010 19:15:00	19.33176	1.19	1.11
6/5/2010 19:30:00	19.345432	1.17	1.11
6/5/2010 19:45:00	19.356989	1.16	1.10
6/5/2010 20:00:00	19.369593	1.15	1.09
6/5/2010 20:15:00	19.378723	1.14	1.09
6/5/2010 20:30:00	19.384569	1.14	1.07
6/5/2010 20:45:00	19.397617	1.12	1.06
6/5/2010 21:00:00	19.412617	1.11	1.05
6/5/2010 21:15:00	19.416718	1.10	1.04
6/5/2010 21:30:00	19.425951	1.09	1.03
6/5/2010 21:45:00	19.435699	1.08	1.02
6/5/2010 22:00:00	19.443407	1.08	1.01
6/5/2010 22:15:00	19.443729	1.08	1.01
6/5/2010 22:30:00	19.452221	1.07	1.00
6/5/2010 22:45:00	19.453806	1.07	1.00
6/5/2010 23:00:00	19.454235	1.07	1.00
6/5/2010 23:15:00	19.453648	1.07	0.99
6/5/2010 23:30:00	19.455261	1.06	0.99
6/5/2010 23:45:00	19.447002	1.07	1.00
6/6/2010 0:00:00	19.438856	1.08	1.00
6/6/2010 0:15:00	19.429211	1.09	1.00
6/6/2010 0:30:00	19.42033	1.10	0.99
6/6/2010 0:45:00	19.411238	1.11	1.00
6/6/2010 1:00:00	19.400793	1.12	1.00
6/6/2010 1:15:00	19.38521	1.13	1.01
6/6/2010 1:30:00	19.369572	1.15	1.01
6/6/2010 1:45:00	19.356354	1.16	1.02
6/6/2010 2:00:00	19.341724	1.18	1.02
6/6/2010 2:15:00	19.327227	1.19	1.02
6/6/2010 2:30:00	19.320801	1.20	1.02
6/6/2010 2:45:00	19.304579	1.22	1.02
6/6/2010 3:00:00	19.296438	1.22	1.03
6/6/2010 3:15:00	19.288038	1.23	1.03
6/6/2010 3:30:00	19.282946	1.24	1.05
6/6/2010 3:45:00	19.278734	1.24	1.06
6/6/2010 4:00:00	19.270737	1.25	1.07
6/6/2010 4:15:00	19.266056	1.25	1.07
6/6/2010 4:30:00	19.257895	1.26	1.09
6/6/2010 4:45:00	19.25107	1.27	1.09
6/6/2010 5:00:00	19.242229	1.28	1.09

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/5/2010 13:45	18.965914	1.51	1.49
6/5/2010 14:00	18.963871	1.52	1.50
6/5/2010 14:15	18.962982	1.52	1.50
6/5/2010 14:30	18.962505	1.52	1.50
6/5/2010 14:45	18.964586	1.52	1.49
6/5/2010 15:00	18.975214	1.50	1.47
6/5/2010 15:15	18.97793	1.50	1.47
6/5/2010 15:30	18.995819	1.48	1.44
6/5/2010 15:45	19.007233	1.47	1.43
6/5/2010 16:00	19.020069	1.46	1.42
6/5/2010 16:15	19.035498	1.44	1.41
6/5/2010 16:30	19.045803	1.43	1.39
6/5/2010 16:45	19.06255	1.42	1.38
6/5/2010 17:00	19.073561	1.41	1.37
6/5/2010 17:15	19.090334	1.39	1.34
6/5/2010 17:30	19.104269	1.38	1.32
6/5/2010 17:45	19.117514	1.36	1.30
6/5/2010 18:00	19.135683	1.34	1.29
6/5/2010 18:15	19.153553	1.33	1.28
6/5/2010 18:30	19.171667	1.31	1.26
6/5/2010 18:45	19.190235	1.29	1.24
6/5/2010 19:00	19.215504	1.26	1.22
6/5/2010 19:15	19.234224	1.25	1.20
6/5/2010 19:30	19.25433	1.23	1.19
6/5/2010 19:45	19.273481	1.21	1.17
6/5/2010 20:00	19.290632	1.19	1.15
6/5/2010 20:15	19.299801	1.18	1.15
6/5/2010 20:30	19.305647	1.17	1.13
6/5/2010 20:45	19.316935	1.16	1.12
6/5/2010 21:00	19.325502	1.15	1.12
6/5/2010 21:15	19.328123	1.15	1.11
6/5/2010 21:30	19.329945	1.15	1.11
6/5/2010 21:45	19.326761	1.15	1.11
6/5/2010 22:00	19.318178	1.16	1.12
6/5/2010 22:15	19.307314	1.17	1.13
6/5/2010 22:30	19.294405	1.19	1.15
6/5/2010 22:45	19.276524	1.20	1.16
6/5/2010 23:00	19.255833	1.22	1.18
6/5/2010 23:15	19.239809	1.24	1.19
6/5/2010 23:30	19.222147	1.26	1.21
6/5/2010 23:45	19.19809	1.28	1.23
6/6/2010 0:00	19.176914	1.30	1.24
6/6/2010 0:15	19.157806	1.32	1.25
6/6/2010 0:30	19.137014	1.34	1.27
6/6/2010 0:45	19.113171	1.37	1.30
6/6/2010 1:00	19.090923	1.39	1.31
6/6/2010 1:15	19.060516	1.42	1.33
6/6/2010 1:30	19.03075	1.45	1.35
6/6/2010 1:45	19.010548	1.47	1.36
6/6/2010 2:00	18.991976	1.49	1.38
6/6/2010 2:15	18.977489	1.50	1.38
6/6/2010 2:30	18.966707	1.51	1.38
6/6/2010 2:45	18.953663	1.53	1.39
6/6/2010 3:00	18.941486	1.54	1.40
6/6/2010 3:15	18.931456	1.55	1.40
6/6/2010 3:30	18.92491	1.56	1.42
6/6/2010 3:45	18.926687	1.55	1.42
6/6/2010 4:00	18.927517	1.55	1.42
6/6/2010 4:15	18.939257	1.54	1.41
6/6/2010 4:30	18.950626	1.53	1.41
6/6/2010 4:45	18.958149	1.52	1.39
6/6/2010 5:00	18.963709	1.52	1.38
6/6/2010 5:15	18.966646	1.51	1.37
6/6/2010 5:30	18.970676	1.51	1.36
6/6/2010 5:45	18.978891	1.50	1.35
6/6/2010 6:00	18.995575	1.48	1.33
6/6/2010 6:15	19.011499	1.47	1.32
6/6/2010 6:30	19.026144	1.45	1.30
6/6/2010 6:45	19.035954	1.44	1.28

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/5/2010 12:00	19.1534	1.29	1.27
6/5/2010 12:15	19.123173	1.32	1.29
6/5/2010 12:30	19.101425	1.34	1.31
6/5/2010 12:45	19.086674	1.35	1.32
6/5/2010 13:00	19.08408	1.36	1.34
6/5/2010 13:15	19.091343	1.35	1.32
6/5/2010 13:30	19.09347	1.35	1.33
6/5/2010 13:45	19.091288	1.35	1.32
6/5/2010 14:00	19.089048	1.35	1.32
6/5/2010 14:15	19.097609	1.34	1.31
6/5/2010 14:30	19.095995	1.34	1.31
6/5/2010 14:45	19.108219	1.33	1.29
6/5/2010 15:00	19.129969	1.31	1.27
6/5/2010 15:15	19.139786	1.30	1.26
6/5/2010 15:30	19.172123	1.27	1.22
6/5/2010 15:45	19.191982	1.25	1.20
6/5/2010 16:00	19.216675	1.22	1.17
6/5/2010 16:15	19.237656	1.20	1.16
6/5/2010 16:30	19.25493	1.19	1.14
6/5/2010 16:45	19.287508	1.15	1.10
6/5/2010 17:00	19.30278	1.14	1.09
6/5/2010 17:15	19.329996	1.11	1.06
6/5/2010 17:30	19.354694	1.09	1.03
6/5/2010 17:45	19.364164	1.08	1.02
6/5/2010 18:00	19.394693	1.05	1.00
6/5/2010 18:15	19.426126	1.01	0.96
6/5/2010 18:30	19.449385	0.99	0.94
6/5/2010 18:45	19.47613	0.96	0.91
6/5/2010 19:00	19.51058	0.93	0.88
6/5/2010 19:15	19.536137	0.90	0.85
6/5/2010 19:30	19.558102	0.88	0.83
6/5/2010 19:45	19.587667	0.85	0.80
6/5/2010 20:00	19.606327	0.83	0.78
6/5/2010 20:15	19.613895	0.83	0.79
6/5/2010 20:30	19.622385	0.82	0.77
6/5/2010 20:45	19.63699	0.80	0.75
6/5/2010 21:00	19.641087	0.80	0.76
6/5/2010 21:15	19.637163	0.80	0.75
6/5/2010 21:30	19.629391	0.81	0.76
6/5/2010 21:45	19.615097	0.82	0.77
6/5/2010 22:00	19.590485	0.85	0.80
6/5/2010 22:15	19.563799	0.88	0.83
6/5/2010 22:30	19.539412	0.90	0.85
6/5/2010 22:45	19.501404	0.94	0.89
6/5/2010 23:00	19.462847	0.98	0.93
6/5/2010 23:15	19.432745	1.01	0.96
6/5/2010 23:30	19.402706	1.04	0.99
6/5/2010 23:45	19.364935	1.08	1.03
6/6/2010 0:00	19.331507	1.11	1.05
6/6/2010 0:15	19.305231	1.13	1.06
6/6/2010 0:30	19.266375	1.17	1.09
6/6/2010 0:45	19.230291	1.21	1.13
6/6/2010 1:00	19.201101	1.24	1.16
6/6/2010 1:15	19.151974	1.29	1.20
6/6/2010 1:30	19.113256	1.33	1.23
6/6/2010 1:45	19.094334	1.35	1.24
6/6/2010 2:00	19.070313	1.37	1.25
6/6/2010 2:15	19.058701	1.38	1.26
6/6/2010 2:30	19.050869	1.39	1.26
6/6/2010 2:45	19.034885	1.41	1.27
6/6/2010 3:00	19.018887	1.42	1.28
6/6/2010 3:15	19.010756	1.43	1.28
6/6/2010 3:30	19.006954	1.43	1.29
6/6/2010 3:45	19.013418	1.43	1.30
6/6/2010 4:00	19.027897	1.41	1.28
6/6/2010 4:15	19.054213	1.39	1.26
6/6/2010 4:30	19.078749	1.36	1.24
6/6/2010 4:45	19.099138	1.34	1.21
6/6/2010 5:00	19.110151	1.33	1.19

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/6/2010 5:15:00	19.243853	1.28	1.09
6/6/2010 5:30:00	19.23901	1.28	1.08
6/6/2010 5:45:00	19.236361	1.28	1.08
6/6/2010 6:00:00	19.243204	1.28	1.08
6/6/2010 6:15:00	19.240162	1.28	1.08
6/6/2010 6:30:00	19.244909	1.28	1.07
6/6/2010 6:45:00	19.240261	1.28	1.07
6/6/2010 7:00:00	19.250565	1.27	1.06
6/6/2010 7:15:00	19.251455	1.27	1.05
6/6/2010 7:30:00	19.255894	1.26	1.04
6/6/2010 7:45:00	19.265162	1.25	1.02
6/6/2010 8:00:00	19.274652	1.25	1.03
6/6/2010 8:15:00	19.276072	1.24	1.01
6/6/2010 8:30:00	19.283693	1.24	1.00
6/6/2010 8:45:00	19.284555	1.24	0.98
6/6/2010 9:00:00	19.292788	1.23	0.97
6/6/2010 9:15:00	19.301331	1.22	0.95
6/6/2010 9:30:00	19.300777	1.22	0.93
6/6/2010 9:45:00	19.310854	1.21	0.92
6/6/2010 10:00:00	19.313368	1.21	0.91
6/6/2010 10:15:00	19.325764	1.19	0.89
6/6/2010 10:30:00	19.325605	1.19	0.88
6/6/2010 10:45:00	19.332018	1.19	0.87
6/6/2010 11:00:00	19.335051	1.18	0.87
6/6/2010 11:15:00	19.341509	1.18	0.86
6/6/2010 11:30:00	19.34255	1.18	0.86
6/6/2010 11:45:00	19.340143	1.18	0.85
6/6/2010 12:00:00	19.343966	1.18	0.85
6/6/2010 12:15:00	19.331144	1.19	0.84
6/6/2010 12:30:00	19.328459	1.19	0.83
6/6/2010 12:45:00	19.319309	1.20	0.83
6/6/2010 13:00:00	19.325455	1.19	0.82
6/6/2010 13:15:00	19.315748	1.20	0.83
6/6/2010 13:30:00	19.310041	1.21	0.85
6/6/2010 13:45:00	19.303558	1.22	0.86
6/6/2010 14:00:00	19.301102	1.22	0.86
6/6/2010 14:15:00	19.289289	1.23	0.86
6/6/2010 14:30:00	19.287073	1.23	0.87
6/6/2010 14:45:00	19.284052	1.24	0.88
6/6/2010 15:00:00	19.280949	1.24	0.90
6/6/2010 15:15:00	19.276119	1.24	0.90
6/6/2010 15:30:00	19.269339	1.25	0.91
6/6/2010 15:45:00	19.265406	1.25	0.92
6/6/2010 16:00:00	19.270784	1.25	0.91
6/6/2010 16:15:00	19.262661	1.26	0.92
6/6/2010 16:30:00	19.255264	1.26	0.93
6/6/2010 16:45:00	19.255152	1.26	0.92
6/6/2010 17:00:00	19.267796	1.25	0.92
6/6/2010 17:15:00	19.269941	1.25	0.93
6/6/2010 17:30:00	19.271147	1.25	0.93
6/6/2010 17:45:00	19.279333	1.24	0.92
6/6/2010 18:00:00	19.284683	1.24	0.92
6/6/2010 18:15:00	19.288525	1.23	0.91
6/6/2010 18:30:00	19.299822	1.22	0.91
6/6/2010 18:45:00	19.316671	1.20	0.92
6/6/2010 19:00:00	19.325146	1.19	0.92
6/6/2010 19:15:00	19.338818	1.18	0.92
6/6/2010 19:30:00	19.356459	1.16	0.91
6/6/2010 19:45:00	19.36949	1.15	0.92
6/6/2010 20:00:00	19.380037	1.14	0.91
6/6/2010 20:15:00	19.393459	1.13	0.91
6/6/2010 20:30:00	19.402719	1.12	0.91
6/6/2010 20:45:00	19.418995	1.10	0.91
6/6/2010 21:00:00	19.433958	1.09	0.91
6/6/2010 21:15:00	19.440689	1.08	0.91
6/6/2010 21:30:00	19.46011	1.06	0.90
6/6/2010 21:45:00	19.484562	1.04	0.90
6/6/2010 22:00:00	19.49016	1.03	0.90
6/6/2010 22:15:00	19.506983	1.01	0.90

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/6/2010 7:00	19.049593	1.43	1.27
6/6/2010 7:15	19.063278	1.42	1.26
6/6/2010 7:30	19.077299	1.40	1.24
6/6/2010 7:45	19.092194	1.39	1.22
6/6/2010 8:00	19.109392	1.37	1.21
6/6/2010 8:15	19.123785	1.36	1.19
6/6/2010 8:30	19.134695	1.35	1.18
6/6/2010 8:45	19.147884	1.33	1.14
6/6/2010 9:00	19.155447	1.32	1.13
6/6/2010 9:15	19.16217	1.32	1.12
6/6/2010 9:30	19.162527	1.32	1.11
6/6/2010 9:45	19.168173	1.31	1.10
6/6/2010 10:00	19.172695	1.31	1.09
6/6/2010 10:15	19.173941	1.31	1.08
6/6/2010 10:30	19.164486	1.32	1.08
6/6/2010 10:45	19.151194	1.33	1.09
6/6/2010 11:00	19.138006	1.34	1.10
6/6/2010 11:15	19.130976	1.35	1.11
6/6/2010 11:30	19.132574	1.35	1.11
6/6/2010 11:45	19.129002	1.35	1.10
6/6/2010 12:00	19.113678	1.37	1.12
6/6/2010 12:15	19.093472	1.39	1.13
6/6/2010 12:30	19.073421	1.41	1.14
6/6/2010 12:45	19.054853	1.43	1.15
6/6/2010 13:00	19.047007	1.43	1.15
6/6/2010 13:15	19.036045	1.44	1.16
6/6/2010 13:30	19.023916	1.46	1.19
6/6/2010 13:45	19.014423	1.47	1.20
6/6/2010 14:00	18.997971	1.48	1.21
6/6/2010 14:15	18.985622	1.49	1.21
6/6/2010 14:30	18.979542	1.50	1.23
6/6/2010 14:45	18.976551	1.50	1.23
6/6/2010 15:00	18.973269	1.51	1.26
6/6/2010 15:15	18.972628	1.51	1.26
6/6/2010 15:30	18.988987	1.49	1.24
6/6/2010 15:45	19.004272	1.48	1.23
6/6/2010 16:00	19.00906	1.47	1.22
6/6/2010 16:15	18.998537	1.48	1.23
6/6/2010 16:30	18.994198	1.49	1.24
6/6/2010 16:45	19.013449	1.47	1.21
6/6/2010 17:00	19.028303	1.45	1.20
6/6/2010 17:15	19.055452	1.42	1.18
6/6/2010 17:30	19.087828	1.39	1.15
6/6/2010 17:45	19.086329	1.39	1.15
6/6/2010 18:00	19.10141	1.38	1.14
6/6/2010 18:15	19.114634	1.37	1.13
6/6/2010 18:30	19.115232	1.36	1.13
6/6/2010 18:45	19.137941	1.34	1.13
6/6/2010 19:00	19.163465	1.32	1.12
6/6/2010 19:15	19.211187	1.27	1.07
6/6/2010 19:30	19.244923	1.24	1.05
6/6/2010 19:45	19.253958	1.23	1.06
6/6/2010 20:00	19.280823	1.20	1.03
6/6/2010 20:15	19.301388	1.18	1.02
6/6/2010 20:30	19.302916	1.18	1.02
6/6/2010 20:45	19.330688	1.15	1.01
6/6/2010 21:00	19.355518	1.12	0.99
6/6/2010 21:15	19.366623	1.11	0.99
6/6/2010 21:30	19.403017	1.08	0.97
6/6/2010 21:45	19.437719	1.04	0.94
6/6/2010 22:00	19.447012	1.03	0.94
6/6/2010 22:15	19.449255	1.03	0.95
6/6/2010 22:30	19.440334	1.04	0.97
6/6/2010 22:45	19.425955	1.05	0.99
6/6/2010 23:00	19.424566	1.06	1.00
6/6/2010 23:15	19.424191	1.06	1.01
6/6/2010 23:30	19.431047	1.05	1.00
6/6/2010 23:45	19.431076	1.05	1.00
6/7/2010 0:00	19.425177	1.05	1.01

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/6/2010 5:15	19.10969	1.33	1.19
6/6/2010 5:30	19.12392	1.32	1.17
6/6/2010 5:45	19.144815	1.30	1.15
6/6/2010 6:00	19.178083	1.26	1.11
6/6/2010 6:15	19.205301	1.23	1.08
6/6/2010 6:30	19.227983	1.21	1.06
6/6/2010 6:45	19.241774	1.20	1.05
6/6/2010 7:00	19.26239	1.18	1.03
6/6/2010 7:15	19.290159	1.15	0.99
6/6/2010 7:30	19.310499	1.13	0.97
6/6/2010 7:45	19.33498	1.11	0.94
6/6/2010 8:00	19.357258	1.08	0.93
6/6/2010 8:15	19.377697	1.06	0.89
6/6/2010 8:30	19.395153	1.04	0.87
6/6/2010 8:45	19.402761	1.04	0.86
6/6/2010 9:00	19.409542	1.03	0.85
6/6/2010 9:15	19.421148	1.02	0.83
6/6/2010 9:30	19.425615	1.01	0.80
6/6/2010 9:45	19.429522	1.01	0.80
6/6/2010 10:00	19.437977	1.00	0.78
6/6/2010 10:15	19.423868	1.02	0.80
6/6/2010 10:30	19.401323	1.04	0.81
6/6/2010 10:45	19.370974	1.07	0.84
6/6/2010 11:00	19.345236	1.09	0.86
6/6/2010 11:15	19.333561	1.11	0.88
6/6/2010 11:30	19.340425	1.10	0.87
6/6/2010 11:45	19.335272	1.10	0.86
6/6/2010 12:00	19.297438	1.14	0.90
6/6/2010 12:15	19.264694	1.18	0.93
6/6/2010 12:30	19.226912	1.21	0.95
6/6/2010 12:45	19.195139	1.24	0.97
6/6/2010 13:00	19.189558	1.25	0.98
6/6/2010 13:15	19.174244	1.27	1.00
6/6/2010 13:30	19.156939	1.28	1.02
6/6/2010 13:45	19.142248	1.30	1.04
6/6/2010 14:00	19.115431	1.32	1.06
6/6/2010 14:15	19.102127	1.34	1.07
6/6/2010 14:30	19.094349	1.35	1.09
6/6/2010 14:45	19.09503	1.34	1.08
6/6/2010 15:00	19.089661	1.35	1.10
6/6/2010 15:15	19.096388	1.34	1.09
6/6/2010 15:30	19.140503	1.30	1.05
6/6/2010 15:45	19.172802	1.27	1.02
6/6/2010 16:00	19.171734	1.27	1.02
6/6/2010 16:15	19.147898	1.29	1.04
6/6/2010 16:30	19.141973	1.30	1.05
6/6/2010 16:45	19.186651	1.25	1.00
6/6/2010 17:00	19.204794	1.24	1.00
6/6/2010 17:15	19.27054	1.17	0.94
6/6/2010 17:30	19.329607	1.11	0.88
6/6/2010 17:45	19.301851	1.14	0.91
6/6/2010 18:00	19.333643	1.11	0.88
6/6/2010 18:15	19.346567	1.09	0.86
6/6/2010 18:30	19.336023	1.10	0.88
6/6/2010 18:45	19.383162	1.06	0.85
6/6/2010 19:00	19.422321	1.02	0.82
6/6/2010 19:15	19.511097	0.93	0.74
6/6/2010 19:30	19.554335	0.89	0.71
6/6/2010 19:45	19.547001	0.89	0.72
6/6/2010 20:00	19.601995	0.84	0.67
6/6/2010 20:15	19.610992	0.83	0.68
6/6/2010 20:30	19.601049	0.84	0.69
6/6/2010 20:45	19.647474	0.79	0.65
6/6/2010 21:00	19.664869	0.78	0.65
6/6/2010 21:15	19.684687	0.76	0.64
6/6/2010 21:30	19.757517	0.68	0.56
6/6/2010 21:45	19.807043	0.63	0.53
6/6/2010 22:00	19.794647	0.65	0.56
6/6/2010 22:15	19.780886	0.66	0.58

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/6/2010 22:30:00	19.518131	1.00	0.91
6/6/2010 22:45:00	19.522062	1.00	0.91
6/6/2010 23:00:00	19.524906	1.00	0.91
6/6/2010 23:15:00	19.533489	0.99	0.91
6/6/2010 23:30:00	19.539133	0.98	0.91
6/6/2010 23:45:00	19.543631	0.98	0.90
6/7/2010 0:00:00	19.546329	0.97	0.91
6/7/2010 0:15:00	19.552202	0.97	0.89
6/7/2010 0:30:00	19.559826	0.96	0.90
6/7/2010 0:45:00	19.558081	0.96	0.91
6/7/2010 1:00:00	19.556622	0.96	0.91
6/7/2010 1:15:00	19.552673	0.97	0.91
6/7/2010 1:30:00	19.553158	0.97	0.92
6/7/2010 1:45:00	19.552769	0.97	0.92
6/7/2010 2:00:00	19.549225	0.97	0.94
6/7/2010 2:15:00	19.548105	0.97	0.93
6/7/2010 2:30:00	19.550121	0.97	0.94
6/7/2010 2:45:00	19.550512	0.97	0.95
6/7/2010 3:00:00	19.551924	0.97	0.96
6/7/2010 3:15:00	19.54594	0.97	0.96
6/7/2010 3:30:00	19.542395	0.98	0.97
6/7/2010 3:45:00	19.545389	0.97	0.97
6/7/2010 4:00:00	19.546202	0.97	0.98
6/7/2010 4:15:00	19.548296	0.97	0.98
6/7/2010 4:30:00	19.54817	0.97	0.98
6/7/2010 4:45:00	19.550297	0.97	0.99
6/7/2010 5:00:00	19.551407	0.97	0.99
6/7/2010 5:15:00	19.562298	0.96	1.00
6/7/2010 5:30:00	19.565077	0.95	1.00
6/7/2010 5:45:00	19.566895	0.95	1.01
6/7/2010 6:00:00	19.571756	0.95	0.99
6/7/2010 6:15:00	19.579317	0.94	0.99
6/7/2010 6:30:00	19.585878	0.93	0.99
6/7/2010 6:45:00	19.595228	0.92	1.00
6/7/2010 7:00:00	19.600157	0.92	0.99
6/7/2010 7:15:00	19.609989	0.91	0.99
6/7/2010 7:30:00	19.611319	0.91	0.99
6/7/2010 7:45:00	19.621836	0.90	0.99
6/7/2010 8:00:00	19.633669	0.89	0.99
6/7/2010 8:15:00	19.638254	0.88	0.99
6/7/2010 8:30:00	19.646578	0.87	0.99
6/7/2010 8:45:00	19.658739	0.86	0.99
6/7/2010 9:00:00	19.667267	0.85	0.99
6/7/2010 9:15:00	19.671106	0.85	0.99
6/7/2010 9:30:00	19.675446	0.84	0.97
6/7/2010 9:45:00	19.685818	0.83	0.97
6/7/2010 10:00:00	19.68992	0.83	0.96
6/7/2010 10:15:00	19.69664	0.82	0.95
6/7/2010 10:30:00	19.704329	0.82	0.94
6/7/2010 10:45:00	19.707808	0.81	0.93
6/7/2010 11:00:00	19.715017	0.80	0.92
6/7/2010 11:15:00	19.729666	0.79	0.91
6/7/2010 11:30:00	19.731693	0.79	0.92
6/7/2010 11:45:00	19.73966	0.78	0.90
6/7/2010 12:00:00	19.743204	0.78	0.90
6/7/2010 12:15:00	19.747599	0.77	0.90
6/7/2010 12:30:00	19.75119	0.77	0.90
6/7/2010 12:45:00	19.752722	0.77	0.88
6/7/2010 13:00:00	19.758142	0.76	0.88
6/7/2010 13:15:00	19.758131	0.76	0.88
6/7/2010 13:30:00	19.763187	0.76	0.87
6/7/2010 13:45:00	19.767925	0.75	0.87
6/7/2010 14:00:00	19.769796	0.75	0.87
6/7/2010 14:15:00	19.765654	0.75	0.87
6/7/2010 14:30:00	19.772686	0.75	0.86
6/7/2010 14:45:00	19.776905	0.74	0.86
6/7/2010 15:00:00	19.778479	0.74	0.86
6/7/2010 15:15:00	19.784204	0.74	0.86
6/7/2010 15:30:00	19.78207	0.74	0.85

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/7/2010 0:15	19.430742	1.05	1.00
6/7/2010 0:30	19.406734	1.07	1.03
6/7/2010 0:45	19.370684	1.11	1.08
6/7/2010 1:00	19.343336	1.14	1.11
6/7/2010 1:15	19.31883	1.16	1.13
6/7/2010 1:30	19.312473	1.17	1.15
6/7/2010 1:45	19.321655	1.16	1.14
6/7/2010 2:00	19.324921	1.16	1.14
6/7/2010 2:15	19.325413	1.15	1.13
6/7/2010 2:30	19.307932	1.17	1.15
6/7/2010 2:45	19.295258	1.18	1.17
6/7/2010 3:00	19.297831	1.18	1.18
6/7/2010 3:15	19.288357	1.19	1.19
6/7/2010 3:30	19.296005	1.18	1.18
6/7/2010 3:45	19.31459	1.17	1.18
6/7/2010 4:00	19.315527	1.16	1.18
6/7/2010 4:15	19.3186	1.16	1.18
6/7/2010 4:30	19.321012	1.16	1.18
6/7/2010 4:45	19.32135	1.16	1.18
6/7/2010 5:00	19.3354	1.14	1.16
6/7/2010 5:15	19.355618	1.12	1.16
6/7/2010 5:30	19.374838	1.11	1.15
6/7/2010 5:45	19.387922	1.09	1.14
6/7/2010 6:00	19.397078	1.08	1.12
6/7/2010 6:15	19.411413	1.07	1.12
6/7/2010 6:30	19.423849	1.06	1.11
6/7/2010 6:45	19.448584	1.03	1.10
6/7/2010 7:00	19.47105	1.01	1.08
6/7/2010 7:15	19.49645	0.98	1.05
6/7/2010 7:30	19.516956	0.96	1.03
6/7/2010 7:45	19.53546	0.94	1.02
6/7/2010 8:00	19.555986	0.92	1.01
6/7/2010 8:15	19.573563	0.91	1.00
6/7/2010 8:30	19.590801	0.89	0.99
6/7/2010 8:45	19.618626	0.86	0.97
6/7/2010 9:00	19.644075	0.84	0.95
6/7/2010 9:15	19.670698	0.81	0.92
6/7/2010 9:30	19.69169	0.79	0.90
6/7/2010 9:45	19.712646	0.77	0.88
6/7/2010 10:00	19.721878	0.76	0.87
6/7/2010 10:15	19.724039	0.76	0.87
6/7/2010 10:30	19.727148	0.75	0.86
6/7/2010 10:45	19.732355	0.75	0.85
6/7/2010 11:00	19.739939	0.74	0.84
6/7/2010 11:15	19.747585	0.73	0.83
6/7/2010 11:30	19.750574	0.73	0.84
6/7/2010 11:45	19.750607	0.73	0.83
6/7/2010 12:00	19.748915	0.73	0.84
6/7/2010 12:15	19.738239	0.74	0.85
6/7/2010 12:30	19.726244	0.75	0.86
6/7/2010 12:45	19.720013	0.76	0.86
6/7/2010 13:00	19.705154	0.77	0.87
6/7/2010 13:15	19.686686	0.79	0.89
6/7/2010 13:30	19.67906	0.80	0.90
6/7/2010 13:45	19.673779	0.81	0.91
6/7/2010 14:00	19.665041	0.81	0.91
6/7/2010 14:15	19.661028	0.82	0.92
6/7/2010 14:30	19.656096	0.82	0.92
6/7/2010 14:45	19.651062	0.83	0.93
6/7/2010 15:00	19.644735	0.84	0.94
6/7/2010 15:15	19.641169	0.84	0.95
6/7/2010 15:30	19.638889	0.84	0.94
6/7/2010 15:45	19.636581	0.84	0.95
6/7/2010 16:00	19.640762	0.84	0.95
6/7/2010 16:15	19.64908	0.83	0.94
6/7/2010 16:30	19.650675	0.83	0.94
6/7/2010 16:45	19.658253	0.82	0.93
6/7/2010 17:00	19.666693	0.81	0.92
6/7/2010 17:15	19.674772	0.81	0.92

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/6/2010 22:30	19.751968	0.69	0.62
6/6/2010 22:45	19.71863	0.72	0.66
6/6/2010 23:00	19.717852	0.72	0.66
6/6/2010 23:15	19.710995	0.73	0.68
6/6/2010 23:30	19.722706	0.72	0.67
6/6/2010 23:45	19.718616	0.72	0.67
6/7/2010 0:00	19.706577	0.73	0.68
6/7/2010 0:15	19.716839	0.72	0.67
6/7/2010 0:30	19.647572	0.79	0.74
6/7/2010 0:45	19.574499	0.87	0.83
6/7/2010 1:00	19.527742	0.91	0.87
6/7/2010 1:15	19.487494	0.95	0.91
6/7/2010 1:30	19.487591	0.95	0.92
6/7/2010 1:45	19.520962	0.92	0.89
6/7/2010 2:00	19.530468	0.91	0.89
6/7/2010 2:15	19.519943	0.92	0.89
6/7/2010 2:30	19.490694	0.95	0.93
6/7/2010 2:45	19.470118	0.97	0.95
6/7/2010 3:00	19.479403	0.96	0.95
6/7/2010 3:15	19.464554	0.98	0.97
6/7/2010 3:30	19.494053	0.95	0.94
6/7/2010 3:45	19.529364	0.91	0.91
6/7/2010 4:00	19.517069	0.92	0.93
6/7/2010 4:15	19.530962	0.91	0.92
6/7/2010 4:30	19.532694	0.91	0.92
6/7/2010 4:45	19.529024	0.91	0.93
6/7/2010 5:00	19.563143	0.88	0.90
6/7/2010 5:15	19.598192	0.84	0.87
6/7/2010 5:30	19.625153	0.81	0.84
6/7/2010 5:45	19.644499	0.80	0.84
6/7/2010 6:00	19.654995	0.79	0.82
6/7/2010 6:15	19.667606	0.77	0.81
6/7/2010 6:30	19.703709	0.74	0.78
6/7/2010 6:45	19.743471	0.70	0.75
6/7/2010 7:00	19.781418	0.66	0.71
6/7/2010 7:15	19.823196	0.62	0.68
6/7/2010 7:30	19.854975	0.59	0.65
6/7/2010 7:45	19.879465	0.56	0.63
6/7/2010 8:00	19.908203	0.53	0.61
6/7/2010 8:15	19.925114	0.51	0.59
6/7/2010 8:30	19.959284	0.48	0.56
6/7/2010 8:45	19.997972	0.44	0.53
6/7/2010 9:00	20.043316	0.40	0.50
6/7/2010 9:15	20.084309	0.36	0.46
6/7/2010 9:30	20.109636	0.33	0.42
6/7/2010 9:45	20.133776	0.31	0.41
6/7/2010 10:00	20.133963	0.31	0.40
6/7/2010 10:15	20.131144	0.31	0.40
6/7/2010 10:30	20.144243	0.30	0.39
6/7/2010 10:45	20.14954	0.29	0.37
6/7/2010 11:00	20.150274	0.29	0.37
6/7/2010 11:15	20.160509	0.28	0.36
6/7/2010 11:30	20.156042	0.28	0.37
6/7/2010 11:45	20.143461	0.30	0.38
6/7/2010 12:00	20.129456	0.31	0.40
6/7/2010 12:15	20.107271	0.33	0.42
6/7/2010 12:30	20.084497	0.36	0.45
6/7/2010 12:45	20.06259	0.38	0.46
6/7/2010 13:00	20.036436	0.40	0.48
6/7/2010 13:15	20.00696	0.43	0.51
6/7/2010 13:30	19.985718	0.45	0.53
6/7/2010 13:45	19.968891	0.47	0.55
6/7/2010 14:00	19.957005	0.48	0.56
6/7/2010 14:15	19.957195	0.48	0.56
6/7/2010 14:30	19.95319	0.49	0.57
6/7/2010 14:45	19.939648	0.50	0.58
6/7/2010 15:00	19.927994	0.51	0.59
6/7/2010 15:15	19.925259	0.51	0.60
6/7/2010 15:30	19.917208	0.52	0.60

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/7/2010 15:45:00	19.78833	0.73	0.87
6/7/2010 16:00:00	19.792065	0.73	0.86
6/7/2010 16:15:00	19.79163	0.73	0.87
6/7/2010 16:30:00	19.790028	0.73	0.86
6/7/2010 16:45:00	19.796703	0.72	0.85
6/7/2010 17:00:00	19.797825	0.72	0.86
6/7/2010 17:15:00	19.80282	0.72	0.86
6/7/2010 17:30:00	19.809204	0.71	0.86
6/7/2010 17:45:00	19.809652	0.71	0.84
6/7/2010 18:00:00	19.808989	0.71	0.85
6/7/2010 18:15:00	19.816067	0.70	0.84
6/7/2010 18:30:00	19.822063	0.70	0.84
6/7/2010 18:45:00	19.823462	0.70	0.84
6/7/2010 19:00:00	19.828959	0.69	0.84
6/7/2010 19:15:00	19.83548	0.68	0.84
6/7/2010 19:30:00	19.840075	0.68	0.84
6/7/2010 19:45:00	19.844589	0.68	0.83
6/7/2010 20:00:00	19.845594	0.67	0.84
6/7/2010 20:15:00	19.850498	0.67	0.85
6/7/2010 20:30:00	19.851467	0.67	0.85
6/7/2010 20:45:00	19.853003	0.67	0.86
6/7/2010 21:00:00	19.857668	0.66	0.85
6/7/2010 21:15:00	19.859198	0.66	0.86
6/7/2010 21:30:00	19.862488	0.66	0.86
6/7/2010 21:45:00	19.86796	0.65	0.86
6/7/2010 22:00:00	19.870056	0.65	0.86
6/7/2010 22:15:00	19.870724	0.65	0.87
6/7/2010 22:30:00	19.873199	0.65	0.87
6/7/2010 22:45:00	19.873159	0.65	0.88
6/7/2010 23:00:00	19.871349	0.65	0.88
6/7/2010 23:15:00	19.871256	0.65	0.88
6/7/2010 23:30:00	19.869104	0.65	0.88
6/7/2010 23:45:00	19.866241	0.65	0.90
6/8/2010 0:00:00	19.863096	0.66	0.90
6/8/2010 0:15:00	19.855158	0.66	0.90
6/8/2010 0:30:00	19.851534	0.67	0.90
6/8/2010 0:45:00	19.849537	0.67	0.91
6/8/2010 1:00:00	19.84425	0.68	0.92
6/8/2010 1:15:00	19.83674	0.68	0.93
6/8/2010 1:30:00	19.825182	0.69	0.95
6/8/2010 1:45:00	19.817461	0.70	0.96
6/8/2010 2:00:00	19.807775	0.71	0.98
6/8/2010 2:15:00	19.796949	0.72	0.99
6/8/2010 2:30:00	19.788086	0.73	1.00
6/8/2010 2:45:00	19.77635	0.74	1.01
6/8/2010 3:00:00	19.766829	0.75	1.03
6/8/2010 3:15:00	19.755642	0.76	1.04
6/8/2010 3:30:00	19.743704	0.78	1.05
6/8/2010 3:45:00	19.735109	0.78	1.07
6/8/2010 4:00:00	19.724592	0.80	1.08
6/8/2010 4:15:00	19.714108	0.81	1.09
6/8/2010 4:30:00	19.701429	0.82	1.12
6/8/2010 4:45:00	19.69405	0.83	1.12
6/8/2010 5:00:00	19.684618	0.84	1.13
6/8/2010 5:15:00	19.674149	0.85	1.14
6/8/2010 5:30:00	19.669647	0.85	1.16
6/8/2010 5:45:00	19.664045	0.86	1.17
6/8/2010 6:00:00	19.659119	0.86	1.19
6/8/2010 6:15:00	19.655851	0.86	1.20
6/8/2010 6:30:00	19.650112	0.87	1.21
6/8/2010 6:45:00	19.647846	0.87	1.22
6/8/2010 7:00:00	19.643541	0.88	1.23
6/8/2010 7:15:00	19.638159	0.88	1.24
6/8/2010 7:30:00	19.637543	0.88	1.24
6/8/2010 7:45:00	19.639462	0.88	1.25
6/8/2010 8:00:00	19.635622	0.88	1.26
6/8/2010 8:15:00	19.643085	0.88	1.25
6/8/2010 8:30:00	19.644388	0.88	1.27
6/8/2010 8:45:00	19.646713	0.87	1.28

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/7/2010 17:30	19.687223	0.79	0.91
6/7/2010 17:45	19.686491	0.79	0.90
6/7/2010 18:00	19.687994	0.79	0.90
6/7/2010 18:15	19.684744	0.80	0.91
6/7/2010 18:30	19.686253	0.79	0.90
6/7/2010 18:45	19.701996	0.78	0.90
6/7/2010 19:00	19.715738	0.76	0.88
6/7/2010 19:15	19.720572	0.76	0.89
6/7/2010 19:30	19.728039	0.75	0.88
6/7/2010 19:45	19.739241	0.74	0.87
6/7/2010 20:00	19.742828	0.74	0.88
6/7/2010 20:15	19.743982	0.74	0.89
6/7/2010 20:30	19.743963	0.74	0.89
6/7/2010 20:45	19.744658	0.74	0.90
6/7/2010 21:00	19.737411	0.74	0.90
6/7/2010 21:15	19.741673	0.74	0.90
6/7/2010 21:30	19.738047	0.74	0.90
6/7/2010 21:45	19.734909	0.75	0.92
6/7/2010 22:00	19.729692	0.75	0.92
6/7/2010 22:15	19.718418	0.76	0.94
6/7/2010 22:30	19.718058	0.76	0.94
6/7/2010 22:45	19.707245	0.77	0.96
6/7/2010 23:00	19.688009	0.79	0.98
6/7/2010 23:15	19.668146	0.81	1.00
6/7/2010 23:30	19.643497	0.84	1.03
6/7/2010 23:45	19.621353	0.86	1.06
6/8/2010 0:00	19.605345	0.87	1.07
6/8/2010 0:15	19.588867	0.89	1.08
6/8/2010 0:30	19.57184	0.91	1.10
6/8/2010 0:45	19.549219	0.93	1.13
6/8/2010 1:00	19.520712	0.96	1.16
6/8/2010 1:15	19.496189	0.98	1.18
6/8/2010 1:30	19.469715	1.01	1.22
6/8/2010 1:45	19.448252	1.03	1.24
6/8/2010 2:00	19.425856	1.05	1.26
6/8/2010 2:15	19.406704	1.07	1.28
6/8/2010 2:30	19.391088	1.09	1.30
6/8/2010 2:45	19.36911	1.11	1.32
6/8/2010 3:00	19.349117	1.13	1.35
6/8/2010 3:15	19.328279	1.15	1.37
6/8/2010 3:30	19.311428	1.17	1.39
6/8/2010 3:45	19.296183	1.18	1.41
6/8/2010 4:00	19.28821	1.19	1.42
6/8/2010 4:15	19.279161	1.20	1.43
6/8/2010 4:30	19.269897	1.21	1.45
6/8/2010 4:45	19.266693	1.21	1.45
6/8/2010 5:00	19.261427	1.22	1.46
6/8/2010 5:15	19.254835	1.23	1.47
6/8/2010 5:30	19.256042	1.22	1.47
6/8/2010 5:45	19.261799	1.22	1.47
6/8/2010 6:00	19.259775	1.22	1.48
6/8/2010 6:15	19.268177	1.21	1.48
6/8/2010 6:30	19.279545	1.20	1.47
6/8/2010 6:45	19.292622	1.19	1.47
6/8/2010 7:00	19.299072	1.18	1.46
6/8/2010 7:15	19.315525	1.16	1.45
6/8/2010 7:30	19.33037	1.15	1.44
6/8/2010 7:45	19.340103	1.14	1.44
6/8/2010 8:00	19.358301	1.12	1.42
6/8/2010 8:15	19.384314	1.10	1.40
6/8/2010 8:30	19.400576	1.08	1.39
6/8/2010 8:45	19.424051	1.06	1.38
6/8/2010 9:00	19.441738	1.04	1.36
6/8/2010 9:15	19.457241	1.02	1.35
6/8/2010 9:30	19.478895	1.00	1.33
6/8/2010 9:45	19.506037	0.97	1.29
6/8/2010 10:00	19.530672	0.95	1.27
6/8/2010 10:15	19.561016	0.92	1.24
6/8/2010 10:30	19.58601	0.89	1.21

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/7/2010 15:45	19.91596	0.52	0.62
6/7/2010 16:00	19.92927	0.51	0.60
6/7/2010 16:15	19.940308	0.50	0.60
6/7/2010 16:30	19.950302	0.49	0.58
6/7/2010 16:45	19.962711	0.48	0.57
6/7/2010 17:00	19.977459	0.46	0.56
6/7/2010 17:15	19.99181	0.45	0.55
6/7/2010 17:30	19.994375	0.45	0.56
6/7/2010 17:45	19.993845	0.45	0.54
6/7/2010 18:00	19.993382	0.45	0.55
6/7/2010 18:15	19.98332	0.46	0.56
6/7/2010 18:30	19.99588	0.44	0.54
6/7/2010 18:45	20.032465	0.41	0.52
6/7/2010 19:00	20.047129	0.39	0.50
6/7/2010 19:15	20.053286	0.39	0.51
6/7/2010 19:30	20.065586	0.37	0.49
6/7/2010 19:45	20.080435	0.36	0.48
6/7/2010 20:00	20.078384	0.36	0.48
6/7/2010 20:15	20.073507	0.37	0.50
6/7/2010 20:30	20.075289	0.36	0.49
6/7/2010 20:45	20.068958	0.37	0.51
6/7/2010 21:00	20.052118	0.39	0.53
6/7/2010 21:15	20.051611	0.39	0.54
6/7/2010 21:30	20.046965	0.39	0.54
6/7/2010 21:45	20.040493	0.40	0.55
6/7/2010 22:00	20.025513	0.41	0.56
6/7/2010 22:15	20.00354	0.44	0.60
6/7/2010 22:30	19.995222	0.44	0.60
6/7/2010 22:45	19.971035	0.47	0.64
6/7/2010 23:00	19.926279	0.51	0.68
6/7/2010 23:15	19.896242	0.54	0.71
6/7/2010 23:30	19.858673	0.58	0.75
6/7/2010 23:45	19.819162	0.62	0.80
6/8/2010 0:00	19.803434	0.64	0.82
6/8/2010 0:15	19.778257	0.66	0.83
6/8/2010 0:30	19.746029	0.69	0.86
6/8/2010 0:45	19.707766	0.73	0.91
6/8/2010 1:00	19.65959	0.78	0.96
6/8/2010 1:15	19.622843	0.82	1.00
6/8/2010 1:30	19.578976	0.86	1.04
6/8/2010 1:45	19.54739	0.89	1.07
6/8/2010 2:00	19.519072	0.92	1.11
6/8/2010 2:15	19.494801	0.95	1.14
6/8/2010 2:30	19.464979	0.98	1.17
6/8/2010 2:45	19.43745	1.00	1.19
6/8/2010 3:00	19.40798	1.03	1.23
6/8/2010 3:15	19.380428	1.06	1.26
6/8/2010 3:30	19.366169	1.07	1.27
6/8/2010 3:45	19.349012	1.09	1.30
6/8/2010 4:00	19.345491	1.09	1.30
6/8/2010 4:15	19.339796	1.10	1.31
6/8/2010 4:30	19.328032	1.11	1.33
6/8/2010 4:45	19.329268	1.11	1.33
6/8/2010 5:00	19.329016	1.11	1.33
6/8/2010 5:15	19.326296	1.11	1.33
6/8/2010 5:30	19.336079	1.10	1.32
6/8/2010 5:45	19.352274	1.09	1.32
6/8/2010 6:00	19.368563	1.07	1.31
6/8/2010 6:15	19.383724	1.06	1.31
6/8/2010 6:30	19.406811	1.03	1.28
6/8/2010 6:45	19.434786	1.01	1.26
6/8/2010 7:00	19.449009	0.99	1.24
6/8/2010 7:15	19.48	0.96	1.22
6/8/2010 7:30	19.515238	0.92	1.18
6/8/2010 7:45	19.525793	0.91	1.18
6/8/2010 8:00	19.568695	0.87	1.14
6/8/2010 8:15	19.610229	0.83	1.10
6/8/2010 8:30	19.632135	0.81	1.09
6/8/2010 8:45	19.673855	0.77	1.06

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/8/2010 9:00:00	19.644693	0.88	1.28
6/8/2010 9:15:00	19.655439	0.86	1.28
6/8/2010 9:30:00	19.656057	0.86	1.28
6/8/2010 9:45:00	19.658932	0.86	1.26
6/8/2010 10:00:00	19.670641	0.85	1.25
6/8/2010 10:15:00	19.680145	0.84	1.24
6/8/2010 10:30:00	19.682718	0.84	1.24
6/8/2010 10:45:00	19.696339	0.82	1.23
6/8/2010 11:00:00	19.705212	0.81	1.21
6/8/2010 11:15:00	19.716976	0.80	1.21
6/8/2010 11:30:00	19.722881	0.80	1.19
6/8/2010 11:45:00	19.732708	0.79	1.18
6/8/2010 12:00:00	19.74161	0.78	1.15
6/8/2010 12:15:00	19.753477	0.77	1.15
6/8/2010 12:30:00	19.764599	0.76	1.14
6/8/2010 12:45:00	19.772491	0.75	1.12
6/8/2010 13:00:00	19.777876	0.74	1.11
6/8/2010 13:15:00	19.787149	0.73	1.10
6/8/2010 13:30:00	19.791803	0.73	1.09
6/8/2010 13:45:00	19.801474	0.72	1.09
6/8/2010 14:00:00	19.809811	0.71	1.08
6/8/2010 14:15:00	19.814083	0.71	1.07
6/8/2010 14:30:00	19.81724	0.70	1.06
6/8/2010 14:45:00	19.821688	0.70	1.06
6/8/2010 15:00:00	19.825459	0.69	1.05
6/8/2010 15:15:00	19.833994	0.69	1.05
6/8/2010 15:30:00	19.835423	0.68	1.05
6/8/2010 15:45:00	19.838114	0.68	1.04
6/8/2010 16:00:00	19.842426	0.68	1.04
6/8/2010 16:15:00	19.844934	0.68	1.04
6/8/2010 16:30:00	19.849886	0.67	1.04
6/8/2010 16:45:00	19.850773	0.67	1.03
6/8/2010 17:00:00	19.854753	0.67	1.04
6/8/2010 17:15:00	19.852747	0.67	1.03
6/8/2010 17:30:00	19.85301	0.67	1.03
6/8/2010 17:45:00	19.857931	0.66	1.02
6/8/2010 18:00:00	19.856262	0.66	1.01
6/8/2010 18:15:00	19.865694	0.65	1.01
6/8/2010 18:30:00	19.87446	0.65	1.01
6/8/2010 18:45:00	19.875736	0.64	1.00
6/8/2010 19:00:00	19.879751	0.64	1.00
6/8/2010 19:15:00	19.886274	0.63	1.00
6/8/2010 19:30:00	19.889874	0.63	1.01
6/8/2010 19:45:00	19.892467	0.63	1.01
6/8/2010 20:00:00	19.893524	0.63	1.01
6/8/2010 20:15:00	19.898676	0.62	1.00
6/8/2010 20:30:00	19.90217	0.62	1.00
6/8/2010 20:45:00	19.909832	0.61	1.00
6/8/2010 21:00:00	19.910763	0.61	1.00
6/8/2010 21:15:00	19.91782	0.60	0.99
6/8/2010 21:30:00	19.922592	0.60	1.00
6/8/2010 21:45:00	19.928982	0.59	1.00
6/8/2010 22:00:00	19.933969	0.59	1.00
6/8/2010 22:15:00	19.931629	0.59	1.01
6/8/2010 22:30:00	19.936878	0.58	1.00
6/8/2010 22:45:00	19.940372	0.58	1.00
6/8/2010 23:00:00	19.944427	0.58	0.99
6/8/2010 23:15:00	19.945446	0.57	1.00
6/8/2010 23:30:00	19.945477	0.57	0.99
6/8/2010 23:45:00	19.945608	0.57	0.99
6/9/2010 0:00:00	19.946386	0.57	0.99
6/9/2010 0:15:00	19.949999	0.57	0.98
6/9/2010 0:30:00	19.951799	0.57	0.98
6/9/2010 0:45:00	19.952854	0.57	0.99
6/9/2010 1:00:00	19.949734	0.57	1.00
6/9/2010 1:15:00	19.946291	0.57	0.99
6/9/2010 1:30:00	19.939884	0.58	0.99
6/9/2010 1:45:00	19.938307	0.58	1.00
6/9/2010 2:00:00	19.931658	0.59	1.01

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/8/2010 10:45	19.604244	0.88	1.20
6/8/2010 11:00	19.616045	0.86	1.17
6/8/2010 11:15	19.630062	0.85	1.17
6/8/2010 11:30	19.636393	0.84	1.15
6/8/2010 11:45	19.64212	0.84	1.15
6/8/2010 12:00	19.655214	0.82	1.12
6/8/2010 12:15	19.667725	0.81	1.11
6/8/2010 12:30	19.67363	0.81	1.11
6/8/2010 12:45	19.682516	0.80	1.10
6/8/2010 13:00	19.677332	0.80	1.10
6/8/2010 13:15	19.663197	0.82	1.12
6/8/2010 13:30	19.670336	0.81	1.10
6/8/2010 13:45	19.669224	0.81	1.11
6/8/2010 14:00	19.661551	0.82	1.12
6/8/2010 14:15	19.661663	0.82	1.11
6/8/2010 14:30	19.669033	0.81	1.10
6/8/2010 14:45	19.666494	0.81	1.10
6/8/2010 15:00	19.658689	0.82	1.11
6/8/2010 15:15	19.656385	0.82	1.11
6/8/2010 15:30	19.655792	0.82	1.11
6/8/2010 15:45	19.651186	0.83	1.12
6/8/2010 16:00	19.64559	0.83	1.12
6/8/2010 16:15	19.644711	0.84	1.13
6/8/2010 16:30	19.645462	0.83	1.13
6/8/2010 16:45	19.648024	0.83	1.12
6/8/2010 17:00	19.655123	0.82	1.12
6/8/2010 17:15	19.660675	0.82	1.11
6/8/2010 17:30	19.66655	0.81	1.10
6/8/2010 17:45	19.670135	0.81	1.10
6/8/2010 18:00	19.679508	0.80	1.08
6/8/2010 18:15	19.695433	0.78	1.07
6/8/2010 18:30	19.711792	0.77	1.06
6/8/2010 18:45	19.717468	0.76	1.05
6/8/2010 19:00	19.738852	0.74	1.03
6/8/2010 19:15	19.751661	0.73	1.03
6/8/2010 19:30	19.750849	0.73	1.03
6/8/2010 19:45	19.762632	0.72	1.02
6/8/2010 20:00	19.770823	0.71	1.01
6/8/2010 20:15	19.77873	0.70	1.00
6/8/2010 20:30	19.792681	0.69	0.99
6/8/2010 20:45	19.80759	0.67	0.98
6/8/2010 21:00	19.818157	0.66	0.97
6/8/2010 21:15	19.830751	0.65	0.96
6/8/2010 21:30	19.836355	0.64	0.96
6/8/2010 21:45	19.841143	0.64	0.97
6/8/2010 22:00	19.853413	0.63	0.96
6/8/2010 22:15	19.850098	0.63	0.97
6/8/2010 22:30	19.849054	0.63	0.96
6/8/2010 22:45	19.851622	0.63	0.97
6/8/2010 23:00	19.846832	0.63	0.96
6/8/2010 23:15	19.840372	0.64	0.98
6/8/2010 23:30	19.834787	0.65	0.98
6/8/2010 23:45	19.821741	0.66	0.99
6/9/2010 0:00	19.805191	0.67	1.00
6/9/2010 0:15	19.790836	0.69	1.02
6/9/2010 0:30	19.764622	0.72	1.05
6/9/2010 0:45	19.744476	0.74	1.08
6/9/2010 1:00	19.725176	0.75	1.09
6/9/2010 1:15	19.700846	0.78	1.11
6/9/2010 1:30	19.682327	0.80	1.13
6/9/2010 1:45	19.650557	0.83	1.16
6/9/2010 2:00	19.614672	0.87	1.21
6/9/2010 2:15	19.584253	0.90	1.24
6/9/2010 2:30	19.551479	0.93	1.26
6/9/2010 2:45	19.524857	0.96	1.29
6/9/2010 3:00	19.496775	0.98	1.30
6/9/2010 3:15	19.464718	1.02	1.34
6/9/2010 3:30	19.435644	1.04	1.34
6/9/2010 3:45	19.404936	1.08	1.38

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/8/2010 9:00	19.699213	0.74	1.03
6/8/2010 9:15	19.715435	0.72	1.02
6/8/2010 9:30	19.761133	0.68	0.98
6/8/2010 9:45	19.802095	0.64	0.93
6/8/2010 10:00	19.840406	0.60	0.89
6/8/2010 10:15	19.889936	0.55	0.84
6/8/2010 10:30	19.924244	0.52	0.81
6/8/2010 10:45	19.943054	0.50	0.79
6/8/2010 11:00	19.951542	0.49	0.77
6/8/2010 11:15	19.964697	0.48	0.77
6/8/2010 11:30	19.977373	0.46	0.74
6/8/2010 11:45	19.986464	0.45	0.73
6/8/2010 12:00	20.005116	0.43	0.70
6/8/2010 12:15	20.015797	0.42	0.70
6/8/2010 12:30	20.017817	0.42	0.70
6/8/2010 12:45	20.024002	0.42	0.69
6/8/2010 13:00	19.99902	0.44	0.71
6/8/2010 13:15	19.970396	0.47	0.74
6/8/2010 13:30	19.98115	0.46	0.72
6/8/2010 13:45	19.967096	0.47	0.74
6/8/2010 14:00	19.953459	0.49	0.76
6/8/2010 14:15	19.954988	0.49	0.75
6/8/2010 14:30	19.960249	0.48	0.74
6/8/2010 14:45	19.948717	0.49	0.75
6/8/2010 15:00	19.930719	0.51	0.77
6/8/2010 15:15	19.928234	0.51	0.77
6/8/2010 15:30	19.935637	0.50	0.76
6/8/2010 15:45	19.923874	0.52	0.78
6/8/2010 16:00	19.911961	0.53	0.79
6/8/2010 16:15	19.910431	0.53	0.79
6/8/2010 16:30	19.907303	0.53	0.80
6/8/2010 16:45	19.915834	0.52	0.78
6/8/2010 17:00	19.933191	0.51	0.78
6/8/2010 17:15	19.947857	0.49	0.75
6/8/2010 17:30	19.959223	0.48	0.74
6/8/2010 17:45	19.960754	0.48	0.74
6/8/2010 18:00	19.981155	0.46	0.71
6/8/2010 18:15	20.00761	0.43	0.69
6/8/2010 18:30	20.020437	0.42	0.68
6/8/2010 18:45	20.035624	0.40	0.66
6/8/2010 19:00	20.076782	0.36	0.62
6/8/2010 19:15	20.087297	0.35	0.62
6/8/2010 19:30	20.083406	0.36	0.64
6/8/2010 19:45	20.10697	0.33	0.61
6/8/2010 20:00	20.116369	0.32	0.60
6/8/2010 20:15	20.118713	0.32	0.60
6/8/2010 20:30	20.154211	0.29	0.57
6/8/2010 20:45	20.171762	0.27	0.55
6/8/2010 21:00	20.182936	0.26	0.54
6/8/2010 21:15	20.203493	0.24	0.52
6/8/2010 21:30	20.201338	0.24	0.53
6/8/2010 21:45	20.21274	0.23	0.53
6/8/2010 22:00	20.226627	0.21	0.51
6/8/2010 22:15	20.210707	0.23	0.54
6/8/2010 22:30	20.210026	0.23	0.53
6/8/2010 22:45	20.214266	0.23	0.54
6/8/2010 23:00	20.193508	0.25	0.55
6/8/2010 23:15	20.181982	0.26	0.57
6/8/2010 23:30	20.163576	0.28	0.58
6/8/2010 23:45	20.130838	0.31	0.61
6/9/2010 0:00	20.104261	0.34	0.64
6/9/2010 0:15	20.069416	0.37	0.67
6/9/2010 0:30	20.023954	0.42	0.72
6/9/2010 0:45	19.991484	0.45	0.76
6/9/2010 1:00	19.954695	0.49	0.81
6/9/2010 1:15	19.914656	0.53	0.83
6/9/2010 1:30	19.878679	0.56	0.86
6/9/2010 1:45	19.825806	0.61	0.91
6/9/2010 2:00	19.767836	0.67	0.98

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/9/2010 2:15:00	19.924133	0.60	1.02
6/9/2010 2:30:00	19.914072	0.61	1.02
6/9/2010 2:45:00	19.89957	0.62	1.03
6/9/2010 3:00:00	19.885607	0.63	1.04
6/9/2010 3:15:00	19.876894	0.64	1.05
6/9/2010 3:30:00	19.858049	0.66	1.04
6/9/2010 3:45:00	19.854267	0.67	1.05
6/9/2010 4:00:00	19.842058	0.68	1.07
6/9/2010 4:15:00	19.828838	0.69	1.08
6/9/2010 4:30:00	19.818203	0.70	1.09
6/9/2010 4:45:00	19.798628	0.72	1.12
6/9/2010 5:00:00	19.790951	0.73	1.12
6/9/2010 5:15:00	19.778561	0.74	1.13
6/9/2010 5:30:00	19.763767	0.76	1.16
6/9/2010 5:45:00	19.751974	0.77	1.16
6/9/2010 6:00:00	19.739918	0.78	1.17
6/9/2010 6:15:00	19.725317	0.79	1.19
6/9/2010 6:30:00	19.720005	0.80	1.19
6/9/2010 6:45:00	19.714441	0.81	1.21
6/9/2010 7:00:00	19.700546	0.82	1.22
6/9/2010 7:15:00	19.690565	0.83	1.22
6/9/2010 7:30:00	19.684416	0.84	1.23
6/9/2010 7:45:00	19.674368	0.85	1.24
6/9/2010 8:00:00	19.669104	0.85	1.24
6/9/2010 8:15:00	19.657572	0.86	1.24
6/9/2010 8:30:00	19.651075	0.87	1.25
6/9/2010 8:45:00	19.647501	0.87	1.25
6/9/2010 9:00:00	19.641623	0.88	1.25
6/9/2010 9:15:00	19.64028	0.88	1.25
6/9/2010 9:30:00	19.638914	0.88	1.25
6/9/2010 9:45:00	19.634295	0.89	1.25
6/9/2010 10:00:00	19.63065	0.89	1.25
6/9/2010 10:15:00	19.627567	0.89	1.24
6/9/2010 10:30:00	19.626781	0.89	1.23
6/9/2010 10:45:00	19.623892	0.90	1.22
6/9/2010 11:00:00	19.623659	0.90	1.21
6/9/2010 11:15:00	19.621368	0.90	1.21
6/9/2010 11:30:00	19.619352	0.90	1.20
6/9/2010 11:45:00	19.620035	0.90	1.19
6/9/2010 12:00:00	19.618002	0.90	1.19
6/9/2010 12:15:00	19.60783	0.91	1.19
6/9/2010 12:30:00	19.611063	0.91	1.18
6/9/2010 12:45:00	19.610769	0.91	1.18
6/9/2010 13:00:00	19.605436	0.91	1.18
6/9/2010 13:15:00	19.601259	0.92	1.18
6/9/2010 13:30:00	19.589281	0.93	1.19
6/9/2010 13:45:00	19.58058	0.94	1.17
6/9/2010 14:00:00	19.57449	0.95	1.16
6/9/2010 14:15:00	19.578176	0.94	1.16
6/9/2010 14:30:00	19.56831	0.95	1.17
6/9/2010 14:45:00	19.556166	0.96	1.15
6/9/2010 15:00:00	19.551348	0.97	1.15
6/9/2010 15:15:00	19.542233	0.98	1.15
6/9/2010 15:30:00	19.537308	0.98	1.14
6/9/2010 15:45:00	19.523685	1.00	1.14
6/9/2010 16:00:00	19.517923	1.00	1.15
6/9/2010 16:15:00	19.51086	1.01	1.16
6/9/2010 16:30:00	19.493738	1.03	1.16
6/9/2010 16:45:00	19.486523	1.03	1.16
6/9/2010 17:00:00	19.474613	1.05	1.16
6/9/2010 17:15:00	19.462275	1.06	1.16
6/9/2010 17:30:00	19.454111	1.07	1.16
6/9/2010 17:45:00	19.445482	1.07	1.17
6/9/2010 18:00:00	19.435247	1.08	1.16
6/9/2010 18:15:00	19.421789	1.10	1.16
6/9/2010 18:30:00	19.417135	1.10	1.18
6/9/2010 18:45:00	19.407526	1.11	1.17
6/9/2010 19:00:00	19.398031	1.12	1.19
6/9/2010 19:15:00	19.391973	1.13	1.19

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/9/2010 4:00	19.373838	1.11	1.42
6/9/2010 4:15	19.350101	1.13	1.44
6/9/2010 4:30	19.324423	1.16	1.47
6/9/2010 4:45	19.30649	1.17	1.49
6/9/2010 5:00	19.292677	1.19	1.50
6/9/2010 5:15	19.280985	1.20	1.51
6/9/2010 5:30	19.267635	1.21	1.53
6/9/2010 5:45	19.250902	1.23	1.54
6/9/2010 6:00	19.237553	1.24	1.55
6/9/2010 6:15	19.224714	1.26	1.57
6/9/2010 6:30	19.222212	1.26	1.57
6/9/2010 6:45	19.223827	1.26	1.58
6/9/2010 7:00	19.223894	1.26	1.58
6/9/2010 7:15	19.227123	1.25	1.56
6/9/2010 7:30	19.230974	1.25	1.56
6/9/2010 7:45	19.236675	1.24	1.55
6/9/2010 8:00	19.241766	1.24	1.55
6/9/2010 8:15	19.240875	1.24	1.54
6/9/2010 8:30	19.247665	1.23	1.53
6/9/2010 8:45	19.256836	1.22	1.52
6/9/2010 9:00	19.272177	1.21	1.51
6/9/2010 9:15	19.290131	1.19	1.49
6/9/2010 9:30	19.303921	1.18	1.48
6/9/2010 9:45	19.317078	1.16	1.45
6/9/2010 10:00	19.321964	1.16	1.45
6/9/2010 10:15	19.326166	1.15	1.43
6/9/2010 10:30	19.331423	1.15	1.42
6/9/2010 10:45	19.338469	1.14	1.40
6/9/2010 11:00	19.341476	1.14	1.39
6/9/2010 11:15	19.345886	1.13	1.38
6/9/2010 11:30	19.348886	1.13	1.37
6/9/2010 11:45	19.34524	1.13	1.36
6/9/2010 12:00	19.333294	1.15	1.38
6/9/2010 12:15	19.316057	1.16	1.38
6/9/2010 12:30	19.297365	1.18	1.40
6/9/2010 12:45	19.29343	1.19	1.41
6/9/2010 13:00	19.29007	1.19	1.40
6/9/2010 13:15	19.269796	1.21	1.42
6/9/2010 13:30	19.244184	1.24	1.45
6/9/2010 13:45	19.223406	1.26	1.45
6/9/2010 14:00	19.195278	1.28	1.45
6/9/2010 14:15	19.184448	1.30	1.48
6/9/2010 14:30	19.175125	1.30	1.48
6/9/2010 14:45	19.170746	1.31	1.47
6/9/2010 15:00	19.155565	1.32	1.47
6/9/2010 15:15	19.124899	1.36	1.50
6/9/2010 15:30	19.0875	1.39	1.52
6/9/2010 15:45	19.0408	1.44	1.56
6/9/2010 16:00	19.008986	1.47	1.59
6/9/2010 16:15	18.99346	1.49	1.61
6/9/2010 16:30	18.983664	1.50	1.61
6/9/2010 16:45	18.967773	1.51	1.62
6/9/2010 17:00	18.959705	1.52	1.62
6/9/2010 17:15	18.95801	1.52	1.61
6/9/2010 17:30	18.939564	1.54	1.62
6/9/2010 17:45	18.926767	1.55	1.63
6/9/2010 18:00	18.907223	1.57	1.64
6/9/2010 18:15	18.893581	1.59	1.65
6/9/2010 18:30	18.897736	1.58	1.65
6/9/2010 18:45	18.903521	1.58	1.63
6/9/2010 19:00	18.912962	1.57	1.63
6/9/2010 19:15	18.91621	1.56	1.62
6/9/2010 19:30	18.91888	1.56	1.60
6/9/2010 19:45	18.920429	1.56	1.60
6/9/2010 20:00	18.91293	1.57	1.61
6/9/2010 20:15	18.915953	1.56	1.59
6/9/2010 20:30	18.91959	1.56	1.59
6/9/2010 20:45	18.927042	1.55	1.58
6/9/2010 21:00	18.936401	1.54	1.56

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/9/2010 2:15	19.715607	0.72	1.03
6/9/2010 2:30	19.668179	0.77	1.07
6/9/2010 2:45	19.634489	0.81	1.11
6/9/2010 3:00	19.59267	0.85	1.14
6/9/2010 3:15	19.543095	0.90	1.19
6/9/2010 3:30	19.500338	0.94	1.22
6/9/2010 3:45	19.453672	0.99	1.27
6/9/2010 4:00	19.410761	1.03	1.31
6/9/2010 4:15	19.375639	1.06	1.34
6/9/2010 4:30	19.344713	1.10	1.38
6/9/2010 4:45	19.32959	1.11	1.40
6/9/2010 5:00	19.320719	1.12	1.40
6/9/2010 5:15	19.308727	1.13	1.41
6/9/2010 5:30	19.294849	1.15	1.44
6/9/2010 5:45	19.272202	1.17	1.45
6/9/2010 6:00	19.25766	1.18	1.46
6/9/2010 6:15	19.251593	1.19	1.47
6/9/2010 6:30	19.257877	1.18	1.46
6/9/2010 6:45	19.267365	1.17	1.46
6/9/2010 7:00	19.276987	1.16	1.45
6/9/2010 7:15	19.295406	1.14	1.42
6/9/2010 7:30	19.306133	1.13	1.41
6/9/2010 7:45	19.318588	1.12	1.40
6/9/2010 8:00	19.331373	1.11	1.39
6/9/2010 8:15	19.341204	1.10	1.38
6/9/2010 8:30	19.358089	1.08	1.36
6/9/2010 8:45	19.380972	1.06	1.34
6/9/2010 9:00	19.415279	1.02	1.29
6/9/2010 9:15	19.449673	0.99	1.26
6/9/2010 9:30	19.475355	0.96	1.23
6/9/2010 9:45	19.49538	0.94	1.20
6/9/2010 10:00	19.504366	0.94	1.20
6/9/2010 10:15	19.50745	0.93	1.18
6/9/2010 10:30	19.523987	0.92	1.17
6/9/2010 10:45	19.533133	0.91	1.15
6/9/2010 11:00	19.538225	0.90	1.13
6/9/2010 11:15	19.547085	0.89	1.11
6/9/2010 11:30	19.541447	0.90	1.12
6/9/2010 11:45	19.526121	0.91	1.12
6/9/2010 12:00	19.505566	0.93	1.14
6/9/2010 12:15	19.480497	0.96	1.16
6/9/2010 12:30	19.444456	1.00	1.20
6/9/2010 12:45	19.438906	1.00	1.20
6/9/2010 13:00	19.44249	1.00	1.19
6/9/2010 13:15	19.398895	1.04	1.23
6/9/2010 13:30	19.354877	1.09	1.27
6/9/2010 13:45	19.328672	1.11	1.28
6/9/2010 14:00	19.279572	1.16	1.31
6/9/2010 14:15	19.267759	1.17	1.33
6/9/2010 14:30	19.270494	1.17	1.33
6/9/2010 14:45	19.268093	1.17	1.31
6/9/2010 15:00	19.24301	1.20	1.33
6/9/2010 15:15	19.181429	1.26	1.38
6/9/2010 15:30	19.107487	1.33	1.45
6/9/2010 15:45	19.028337	1.41	1.52
6/9/2010 16:00	18.986263	1.45	1.56
6/9/2010 16:15	18.979115	1.46	1.57
6/9/2010 16:30	18.974957	1.47	1.57
6/9/2010 16:45	18.954771	1.49	1.58
6/9/2010 17:00	18.956541	1.48	1.56
6/9/2010 17:15	18.965885	1.47	1.55
6/9/2010 17:30	18.933228	1.51	1.58
6/9/2010 17:45	18.916941	1.52	1.59
6/9/2010 18:00	18.887018	1.55	1.60
6/9/2010 18:15	18.876663	1.56	1.61
6/9/2010 18:30	18.899252	1.54	1.59
6/9/2010 18:45	18.922987	1.52	1.56
6/9/2010 19:00	18.948809	1.49	1.54
6/9/2010 19:15	18.953455	1.49	1.54

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/9/2010 19:30:00	19.379986	1.14	1.18
6/9/2010 19:45:00	19.372683	1.15	1.19
6/9/2010 20:00:00	19.363968	1.16	1.20
6/9/2010 20:15:00	19.357822	1.16	1.19
6/9/2010 20:30:00	19.35504	1.16	1.20
6/9/2010 20:45:00	19.34638	1.17	1.21
6/9/2010 21:00:00	19.336596	1.18	1.20
6/9/2010 21:15:00	19.336203	1.18	1.21
6/9/2010 21:30:00	19.328735	1.19	1.21
6/9/2010 21:45:00	19.325348	1.19	1.22
6/9/2010 22:00:00	19.320791	1.20	1.23
6/9/2010 22:15:00	19.316265	1.20	1.24
6/9/2010 22:30:00	19.315142	1.20	1.24
6/9/2010 22:45:00	19.313534	1.21	1.24
6/9/2010 23:00:00	19.30928	1.21	1.24
6/9/2010 23:15:00	19.306623	1.21	1.25
6/9/2010 23:30:00	19.303402	1.22	1.24
6/9/2010 23:45:00	19.30356	1.22	1.25
6/10/2010 0:00:00	19.299772	1.22	1.25
6/10/2010 0:15:00	19.298599	1.22	1.25
6/10/2010 0:30:00	19.295658	1.22	1.26
6/10/2010 0:45:00	19.293795	1.23	1.26
6/10/2010 1:00:00	19.288084	1.23	1.25
6/10/2010 1:15:00	19.287167	1.23	1.25
6/10/2010 1:30:00	19.283735	1.24	1.27
6/10/2010 1:45:00	19.280777	1.24	1.26
6/10/2010 2:00:00	19.272549	1.25	1.28
6/10/2010 2:15:00	19.271713	1.25	1.28
6/10/2010 2:30:00	19.268793	1.25	1.29
6/10/2010 2:45:00	19.260633	1.26	1.30
6/10/2010 3:00:00	19.251936	1.27	1.30
6/10/2010 3:15:00	19.251301	1.27	1.32
6/10/2010 3:30:00	19.249186	1.27	1.32
6/10/2010 3:45:00	19.236141	1.28	1.35
6/10/2010 4:00:00	19.220184	1.30	1.34
6/10/2010 4:15:00	19.219881	1.30	1.35
6/10/2010 4:30:00	19.209005	1.31	1.36
6/10/2010 4:45:00	19.203417	1.32	1.37
6/10/2010 5:00:00	19.19611	1.32	1.38
6/10/2010 5:15:00	19.18815	1.33	1.40
6/10/2010 5:30:00	19.177364	1.34	1.42
6/10/2010 5:45:00	19.167759	1.35	1.43
6/10/2010 6:00:00	19.157242	1.36	1.44
6/10/2010 6:15:00	19.148348	1.37	1.45
6/10/2010 6:30:00	19.143579	1.38	1.45
6/10/2010 6:45:00	19.137894	1.38	1.47
6/10/2010 7:00:00	19.133488	1.39	1.47
6/10/2010 7:15:00	19.133116	1.39	1.48
6/10/2010 7:30:00	19.132681	1.39	1.48
6/10/2010 7:45:00	19.126705	1.39	1.50
6/10/2010 8:00:00	19.118177	1.40	1.51
6/10/2010 8:15:00	19.119892	1.40	1.51
6/10/2010 8:30:00	19.12031	1.40	1.51
6/10/2010 8:45:00	19.121744	1.40	1.50
6/10/2010 9:00:00	19.122938	1.40	1.50
6/10/2010 9:15:00	19.122355	1.40	1.50
6/10/2010 9:30:00	19.125902	1.39	1.50
6/10/2010 9:45:00	19.125456	1.39	1.50
6/10/2010 10:00:00	19.128616	1.39	1.49
6/10/2010 10:15:00	19.136913	1.38	1.48
6/10/2010 10:30:00	19.144337	1.38	1.47
6/10/2010 10:45:00	19.155169	1.36	1.46
6/10/2010 11:00:00	19.160145	1.36	1.46
6/10/2010 11:15:00	19.168318	1.35	1.44
6/10/2010 11:30:00	19.180651	1.34	1.42
6/10/2010 11:45:00	19.191463	1.33	1.41
6/10/2010 12:00:00	19.206625	1.31	1.40
6/10/2010 12:15:00	19.216999	1.30	1.38
6/10/2010 12:30:00	19.233875	1.29	1.37

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/9/2010 21:15	18.942562	1.54	1.56
6/9/2010 21:30	18.940325	1.54	1.56
6/9/2010 21:45	18.940485	1.54	1.56
6/9/2010 22:00	18.94702	1.53	1.56
6/9/2010 22:15	18.962553	1.52	1.55
6/9/2010 22:30	18.977896	1.50	1.53
6/9/2010 22:45	18.991957	1.49	1.52
6/9/2010 23:00	18.996092	1.48	1.51
6/9/2010 23:15	18.993765	1.49	1.52
6/9/2010 23:30	18.994337	1.49	1.51
6/9/2010 23:45	19.000393	1.48	1.51
6/10/2010 0:00	19.006147	1.47	1.50
6/10/2010 0:15	19.013002	1.47	1.50
6/10/2010 0:30	19.016788	1.46	1.49
6/10/2010 0:45	19.008268	1.47	1.50
6/10/2010 1:00	18.995974	1.48	1.50
6/10/2010 1:15	18.984968	1.50	1.52
6/10/2010 1:30	18.97542	1.50	1.53
6/10/2010 1:45	18.968924	1.51	1.53
6/10/2010 2:00	18.958063	1.52	1.55
6/10/2010 2:15	18.947359	1.53	1.56
6/10/2010 2:30	18.93428	1.55	1.59
6/10/2010 2:45	18.922031	1.56	1.60
6/10/2010 3:00	18.907515	1.57	1.60
6/10/2010 3:15	18.891766	1.59	1.64
6/10/2010 3:30	18.877579	1.60	1.65
6/10/2010 3:45	18.854719	1.63	1.69
6/10/2010 4:00	18.838842	1.64	1.68
6/10/2010 4:15	18.829714	1.65	1.70
6/10/2010 4:30	18.816715	1.66	1.71
6/10/2010 4:45	18.804899	1.68	1.73
6/10/2010 5:00	18.797466	1.68	1.73
6/10/2010 5:15	18.790655	1.69	1.75
6/10/2010 5:30	18.781769	1.70	1.77
6/10/2010 5:45	18.77973	1.70	1.77
6/10/2010 6:00	18.774767	1.71	1.78
6/10/2010 6:15	18.773024	1.71	1.78
6/10/2010 6:30	18.781769	1.70	1.77
6/10/2010 6:45	18.79195	1.69	1.76
6/10/2010 7:00	18.804964	1.68	1.75
6/10/2010 7:15	18.815924	1.66	1.74
6/10/2010 7:30	18.8255	1.65	1.73
6/10/2010 7:45	18.835283	1.64	1.73
6/10/2010 8:00	18.851679	1.63	1.72
6/10/2010 8:15	18.874222	1.61	1.70
6/10/2010 8:30	18.895456	1.58	1.67
6/10/2010 8:45	18.914316	1.57	1.66
6/10/2010 9:00	18.930063	1.55	1.64
6/10/2010 9:15	18.942982	1.54	1.63
6/10/2010 9:30	18.959286	1.52	1.61
6/10/2010 9:45	18.980417	1.50	1.59
6/10/2010 10:00	19.007502	1.47	1.55
6/10/2010 10:15	19.036039	1.44	1.52
6/10/2010 10:30	19.062389	1.42	1.50
6/10/2010 10:45	19.085842	1.39	1.47
6/10/2010 11:00	19.109526	1.37	1.45
6/10/2010 11:15	19.135544	1.34	1.41
6/10/2010 11:30	19.161058	1.32	1.39
6/10/2010 11:45	19.19084	1.29	1.36
6/10/2010 12:00	19.220499	1.26	1.33
6/10/2010 12:15	19.2514	1.23	1.30
6/10/2010 12:30	19.28627	1.19	1.26
6/10/2010 12:45	19.310238	1.17	1.24
6/10/2010 13:00	19.332991	1.15	1.21
6/10/2010 13:15	19.351416	1.13	1.20
6/10/2010 13:30	19.363798	1.12	1.18
6/10/2010 13:45	19.378296	1.10	1.15
6/10/2010 14:00	19.388729	1.09	1.14
6/10/2010 14:15	19.400974	1.08	1.13

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/9/2010 19:30	18.966198	1.47	1.50
6/9/2010 19:45	18.972345	1.47	1.50
6/9/2010 20:00	18.958254	1.48	1.51
6/9/2010 20:15	18.971069	1.47	1.49
6/9/2010 20:30	18.981251	1.46	1.48
6/9/2010 20:45	19.000006	1.44	1.46
6/9/2010 21:00	19.024521	1.42	1.44
6/9/2010 21:15	19.032236	1.41	1.43
6/9/2010 21:30	19.028812	1.41	1.43
6/9/2010 21:45	19.025623	1.41	1.43
6/9/2010 22:00	19.045612	1.39	1.41
6/9/2010 22:15	19.076899	1.36	1.38
6/9/2010 22:30	19.108297	1.33	1.35
6/9/2010 22:45	19.129522	1.31	1.33
6/9/2010 23:00	19.131971	1.31	1.33
6/9/2010 23:15	19.12192	1.32	1.34
6/9/2010 23:30	19.126614	1.31	1.33
6/9/2010 23:45	19.137302	1.30	1.32
6/10/2010 0:00	19.147329	1.29	1.31
6/10/2010 0:15	19.161121	1.28	1.30
6/10/2010 0:30	19.153841	1.29	1.31
6/10/2010 0:45	19.133402	1.31	1.33
6/10/2010 1:00	19.118128	1.32	1.34
6/10/2010 1:15	19.092178	1.35	1.37
6/10/2010 1:30	19.081142	1.36	1.38
6/10/2010 1:45	19.071554	1.37	1.39
6/10/2010 2:00	19.05142	1.39	1.41
6/10/2010 2:15	19.035587	1.40	1.42
6/10/2010 2:30	19.00709	1.43	1.46
6/10/2010 2:45	18.98979	1.45	1.48
6/10/2010 3:00	18.965391	1.47	1.49
6/10/2010 3:15	18.938206	1.50	1.54
6/10/2010 3:30	18.915392	1.52	1.56
6/10/2010 3:45	18.87974	1.56	1.61
6/10/2010 4:00	18.86179	1.58	1.61
6/10/2010 4:15	18.853052	1.59	1.63
6/10/2010 4:30	18.832623	1.61	1.65
6/10/2010 4:45	18.815203	1.62	1.66
6/10/2010 5:00	18.812487	1.63	1.67
6/10/2010 5:15	18.804892	1.64	1.69
6/10/2010 5:30	18.794333	1.65	1.70
6/10/2010 5:45	18.800365	1.64	1.69
6/10/2010 6:00	18.796186	1.64	1.69
6/10/2010 6:15	18.802334	1.64	1.69
6/10/2010 6:30	18.82617	1.61	1.66
6/10/2010 6:45	18.851368	1.59	1.65
6/10/2010 7:00	18.879177	1.56	1.62
6/10/2010 7:15	18.898083	1.54	1.61
6/10/2010 7:30	18.916702	1.52	1.59
6/10/2010 7:45	18.934814	1.51	1.59
6/10/2010 8:00	18.972574	1.47	1.55
6/10/2010 8:15	19.011309	1.43	1.51
6/10/2010 8:30	19.050739	1.39	1.47
6/10/2010 8:45	19.080294	1.36	1.44
6/10/2010 9:00	19.097561	1.34	1.42
6/10/2010 9:15	19.121958	1.32	1.40
6/10/2010 9:30	19.155432	1.28	1.36
6/10/2010 9:45	19.189951	1.25	1.33
6/10/2010 10:00	19.238081	1.20	1.27
6/10/2010 10:15	19.284048	1.16	1.23
6/10/2010 10:30	19.322866	1.12	1.19
6/10/2010 10:45	19.362797	1.08	1.15
6/10/2010 11:00	19.397263	1.04	1.11
6/10/2010 11:15	19.433512	1.01	1.07
6/10/2010 11:30	19.479162	0.96	1.02
6/10/2010 11:45	19.522333	0.92	0.98
6/10/2010 12:00	19.569553	0.87	0.93
6/10/2010 12:15	19.609701	0.83	0.88
6/10/2010 12:30	19.652227	0.79	0.85

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/10/2010 12:45:00	19.250744	1.27	1.35
6/10/2010 13:00:00	19.262838	1.26	1.32
6/10/2010 13:15:00	19.280605	1.24	1.31
6/10/2010 13:30:00	19.29291	1.23	1.29
6/10/2010 13:45:00	19.30624	1.21	1.27
6/10/2010 14:00:00	19.322706	1.20	1.25
6/10/2010 14:15:00	19.342306	1.18	1.23
6/10/2010 14:30:00	19.354679	1.17	1.22
6/10/2010 14:45:00	19.37521	1.14	1.20
6/10/2010 15:00:00	19.382263	1.14	1.19
6/10/2010 15:15:00	19.392773	1.13	1.17
6/10/2010 15:30:00	19.405283	1.11	1.16
6/10/2010 15:45:00	19.41725	1.10	1.15
6/10/2010 16:00:00	19.427439	1.09	1.15
6/10/2010 16:15:00	19.435793	1.08	1.14
6/10/2010 16:30:00	19.442945	1.08	1.13
6/10/2010 16:45:00	19.450733	1.07	1.11
6/10/2010 17:00:00	19.45985	1.06	1.10
6/10/2010 17:15:00	19.467459	1.05	1.11
6/10/2010 17:30:00	19.475847	1.04	1.10
6/10/2010 17:45:00	19.483799	1.04	1.09
6/10/2010 18:00:00	19.487762	1.03	1.09
6/10/2010 18:15:00	19.493618	1.03	1.08
6/10/2010 18:30:00	19.504086	1.02	1.07
6/10/2010 18:45:00	19.511156	1.01	1.07
6/10/2010 19:00:00	19.520828	1.00	1.07
6/10/2010 19:15:00	19.526775	0.99	1.07
6/10/2010 19:30:00	19.535114	0.98	1.07
6/10/2010 19:45:00	19.543112	0.98	1.07
6/10/2010 20:00:00	19.550638	0.97	1.06
6/10/2010 20:15:00	19.5555	0.96	1.06
6/10/2010 20:30:00	19.56571	0.95	1.06
6/10/2010 20:45:00	19.572241	0.95	1.06
6/10/2010 21:00:00	19.58655	0.93	1.06
6/10/2010 21:15:00	19.592318	0.93	1.07
6/10/2010 21:30:00	19.601358	0.92	1.07
6/10/2010 21:45:00	19.611387	0.91	1.07
6/10/2010 22:00:00	19.620489	0.90	1.07
6/10/2010 22:15:00	19.627218	0.89	1.07
6/10/2010 22:30:00	19.633707	0.89	1.08
6/10/2010 22:45:00	19.641802	0.88	1.08
6/10/2010 23:00:00	19.647081	0.87	1.07
6/10/2010 23:15:00	19.653559	0.87	1.07
6/10/2010 23:30:00	19.657064	0.86	1.06
6/10/2010 23:45:00	19.66441	0.86	1.06
6/11/2010 0:00:00	19.674259	0.85	1.06
6/11/2010 0:15:00	19.684977	0.84	1.06
6/11/2010 0:30:00	19.680798	0.84	1.06
6/11/2010 0:45:00	19.692291	0.83	1.07
6/11/2010 1:00:00	19.688795	0.83	1.06
6/11/2010 1:15:00	19.694942	0.83	1.07
6/11/2010 1:30:00	19.695627	0.82	1.07
6/11/2010 1:45:00	19.694826	0.83	1.07
6/11/2010 2:00:00	19.698374	0.82	1.08
6/11/2010 2:15:00	19.703413	0.82	1.08
6/11/2010 2:30:00	19.697218	0.82	1.09
6/11/2010 2:45:00	19.695377	0.82	1.10
6/11/2010 3:00:00	19.685902	0.83	1.11
6/11/2010 3:15:00	19.680521	0.84	1.12
6/11/2010 3:30:00	19.666773	0.85	1.14
6/11/2010 3:45:00	19.654678	0.87	1.15
6/11/2010 4:00:00	19.646631	0.87	1.16
6/11/2010 4:15:00	19.629351	0.89	1.18
6/11/2010 4:30:00	19.616396	0.90	1.20
6/11/2010 4:45:00	19.603764	0.92	1.21
6/11/2010 5:00:00	19.590839	0.93	1.23
6/11/2010 5:15:00	19.574162	0.95	1.26
6/11/2010 5:30:00	19.56049	0.96	1.29
6/11/2010 5:45:00	19.547987	0.97	1.30

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/10/2010 14:30	19.41658	1.06	1.11
6/10/2010 14:45	19.419506	1.06	1.11
6/10/2010 15:00	19.42831	1.05	1.10
6/10/2010 15:15	19.428564	1.05	1.09
6/10/2010 15:30	19.42589	1.05	1.09
6/10/2010 15:45	19.417532	1.06	1.10
6/10/2010 16:00	19.408762	1.07	1.12
6/10/2010 16:15	19.403784	1.08	1.13
6/10/2010 16:30	19.406277	1.07	1.12
6/10/2010 16:45	19.404989	1.08	1.12
6/10/2010 17:00	19.405066	1.07	1.11
6/10/2010 17:15	19.407181	1.07	1.12
6/10/2010 17:30	19.407665	1.07	1.12
6/10/2010 17:45	19.413239	1.07	1.12
6/10/2010 18:00	19.413603	1.07	1.12
6/10/2010 18:15	19.411488	1.07	1.12
6/10/2010 18:30	19.420141	1.06	1.11
6/10/2010 18:45	19.426443	1.05	1.11
6/10/2010 19:00	19.428955	1.05	1.12
6/10/2010 19:15	19.441629	1.04	1.11
6/10/2010 19:30	19.456831	1.02	1.09
6/10/2010 19:45	19.471025	1.01	1.09
6/10/2010 20:00	19.487097	0.99	1.07
6/10/2010 20:15	19.49506	0.98	1.06
6/10/2010 20:30	19.511761	0.97	1.06
6/10/2010 20:45	19.520739	0.96	1.06
6/10/2010 21:00	19.532358	0.95	1.06
6/10/2010 21:15	19.550833	0.93	1.04
6/10/2010 21:30	19.566235	0.91	1.03
6/10/2010 21:45	19.584646	0.90	1.03
6/10/2010 22:00	19.597851	0.88	1.02
6/10/2010 22:15	19.609478	0.87	1.02
6/10/2010 22:30	19.616453	0.86	1.02
6/10/2010 22:45	19.62228	0.86	1.02
6/10/2010 23:00	19.628078	0.85	1.01
6/10/2010 23:15	19.639328	0.84	1.00
6/10/2010 23:30	19.642292	0.84	1.00
6/10/2010 23:45	19.646423	0.83	0.99
6/11/2010 0:00	19.651037	0.83	1.00
6/11/2010 0:15	19.651228	0.83	1.01
6/11/2010 0:30	19.646362	0.83	1.01
6/11/2010 0:45	19.637819	0.84	1.04
6/11/2010 1:00	19.616955	0.86	1.05
6/11/2010 1:15	19.598886	0.88	1.08
6/11/2010 1:30	19.579922	0.90	1.10
6/11/2010 1:45	19.556307	0.92	1.12
6/11/2010 2:00	19.543566	0.94	1.15
6/11/2010 2:15	19.530615	0.95	1.16
6/11/2010 2:30	19.501463	0.98	1.19
6/11/2010 2:45	19.463709	1.02	1.24
6/11/2010 3:00	19.423016	1.06	1.28
6/11/2010 3:15	19.377832	1.10	1.32
6/11/2010 3:30	19.340822	1.14	1.37
6/11/2010 3:45	19.310146	1.17	1.40
6/11/2010 4:00	19.287725	1.19	1.42
6/11/2010 4:15	19.262835	1.22	1.45
6/11/2010 4:30	19.235752	1.24	1.48
6/11/2010 4:45	19.207987	1.27	1.51
6/11/2010 5:00	19.171209	1.31	1.55
6/11/2010 5:15	19.13802	1.34	1.59
6/11/2010 5:30	19.117079	1.36	1.62
6/11/2010 5:45	19.095854	1.38	1.64
6/11/2010 6:00	19.076437	1.40	1.67
6/11/2010 6:15	19.05891	1.42	1.70
6/11/2010 6:30	19.039434	1.44	1.73
6/11/2010 6:45	19.024338	1.46	1.75
6/11/2010 7:00	19.011215	1.47	1.77
6/11/2010 7:15	19.005079	1.47	1.77
6/11/2010 7:30	19.01055	1.47	1.77

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/10/2010 12:45	19.689402	0.75	0.81
6/10/2010 13:00	19.711	0.73	0.78
6/10/2010 13:15	19.72883	0.71	0.76
6/10/2010 13:30	19.753374	0.69	0.74
6/10/2010 13:45	19.763052	0.68	0.72
6/10/2010 14:00	19.766634	0.67	0.71
6/10/2010 14:15	19.782192	0.66	0.70
6/10/2010 14:30	19.792944	0.65	0.69
6/10/2010 14:45	19.789993	0.65	0.69
6/10/2010 15:00	19.788189	0.65	0.69
6/10/2010 15:15	19.786936	0.65	0.68
6/10/2010 15:30	19.765787	0.67	0.70
6/10/2010 15:45	19.742346	0.70	0.73
6/10/2010 16:00	19.721579	0.72	0.76
6/10/2010 16:15	19.706423	0.73	0.77
6/10/2010 16:30	19.702442	0.74	0.78
6/10/2010 16:45	19.699999	0.74	0.77
6/10/2010 17:00	19.700556	0.74	0.77
6/10/2010 17:15	19.699583	0.74	0.78
6/10/2010 17:30	19.702335	0.74	0.78
6/10/2010 17:45	19.705479	0.73	0.77
6/10/2010 18:00	19.70598	0.73	0.77
6/10/2010 18:15	19.703016	0.74	0.78
6/10/2010 18:30	19.712362	0.73	0.77
6/10/2010 18:45	19.717266	0.72	0.77
6/10/2010 19:00	19.720089	0.72	0.77
6/10/2010 19:15	19.747164	0.69	0.74
6/10/2010 19:30	19.769266	0.67	0.73
6/10/2010 19:45	19.791775	0.65	0.72
6/10/2010 20:00	19.811417	0.63	0.70
6/10/2010 20:15	19.819412	0.62	0.69
6/10/2010 20:30	19.837934	0.60	0.68
6/10/2010 20:45	19.846167	0.59	0.67
6/10/2010 21:00	19.862776	0.58	0.67
6/10/2010 21:15	19.887547	0.55	0.65
6/10/2010 21:30	19.908735	0.53	0.64
6/10/2010 21:45	19.936655	0.50	0.62
6/10/2010 22:00	19.955679	0.48	0.60
6/10/2010 22:15	19.96657	0.47	0.60
6/10/2010 22:30	19.980997	0.46	0.60
6/10/2010 22:45	19.983034	0.46	0.61
6/10/2010 23:00	19.987616	0.45	0.60
6/10/2010 23:15	20.001802	0.44	0.59
6/10/2010 23:30	20.002737	0.44	0.59
6/10/2010 23:45	20.002851	0.44	0.59
6/11/2010 0:00	20.002806	0.44	0.59
6/11/2010 0:15	19.9911	0.45	0.61
6/11/2010 0:30	19.979111	0.46	0.62
6/11/2010 0:45	19.955631	0.48	0.66
6/11/2010 1:00	19.912277	0.53	0.70
6/11/2010 1:15	19.867853	0.57	0.75
6/11/2010 1:30	19.822876	0.62	0.80
6/11/2010 1:45	19.784794	0.66	0.84
6/11/2010 2:00	19.766527	0.67	0.85
6/11/2010 2:15	19.743883	0.70	0.89
6/11/2010 2:30	19.691843	0.75	0.94
6/11/2010 2:45	19.619261	0.82	1.02
6/11/2010 3:00	19.545471	0.89	1.09
6/11/2010 3:15	19.472	0.97	1.17
6/11/2010 3:30	19.414686	1.03	1.24
6/11/2010 3:45	19.378464	1.06	1.27
6/11/2010 4:00	19.345379	1.09	1.30
6/11/2010 4:15	19.313766	1.13	1.34
6/11/2010 4:30	19.276155	1.16	1.38
6/11/2010 4:45	19.233974	1.21	1.43
6/11/2010 5:00	19.173536	1.27	1.49
6/11/2010 5:15	19.126936	1.31	1.54
6/11/2010 5:30	19.104076	1.34	1.58
6/11/2010 5:45	19.076563	1.36	1.60

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/11/2010 6:00:00	19.535229	0.98	1.32
6/11/2010 6:15:00	19.515795	1.00	1.35
6/11/2010 6:30:00	19.50095	1.02	1.38
6/11/2010 6:45:00	19.484116	1.04	1.40
6/11/2010 7:00:00	19.471394	1.05	1.42
6/11/2010 7:15:00	19.456068	1.06	1.43
6/11/2010 7:30:00	19.446928	1.07	1.45
6/11/2010 7:45:00	19.435217	1.08	1.48
6/11/2010 8:00:00	19.426405	1.09	1.49
6/11/2010 8:15:00	19.415964	1.10	1.50
6/11/2010 8:30:00	19.411753	1.11	1.51
6/11/2010 8:45:00	19.404224	1.12	1.53
6/11/2010 9:00:00	19.398897	1.12	1.55
6/11/2010 9:15:00	19.393383	1.13	1.56
6/11/2010 9:30:00	19.388964	1.13	1.57
6/11/2010 9:45:00	19.383829	1.14	1.57
6/11/2010 10:00:00	19.380798	1.14	1.57
6/11/2010 10:15:00	19.371504	1.15	1.57
6/11/2010 10:30:00	19.374491	1.15	1.57
6/11/2010 10:45:00	19.38571	1.13	1.57
6/11/2010 11:00:00	19.382574	1.14	1.58
6/11/2010 11:15:00	19.386347	1.13	1.58
6/11/2010 11:30:00	19.39566	1.12	1.57
6/11/2010 11:45:00	19.395369	1.12	1.57
6/11/2010 12:00:00	19.401154	1.12	1.55
6/11/2010 12:15:00	19.404806	1.12	1.54
6/11/2010 12:30:00	19.418982	1.10	1.54
6/11/2010 12:45:00	19.42662	1.09	1.53
6/11/2010 13:00:00	19.436771	1.08	1.52
6/11/2010 13:15:00	19.442474	1.08	1.50
6/11/2010 13:30:00	19.455673	1.06	1.49
6/11/2010 13:45:00	19.468336	1.05	1.48
6/11/2010 14:00:00	19.478842	1.04	1.47
6/11/2010 14:15:00	19.492594	1.03	1.45
6/11/2010 14:30:00	19.496655	1.02	1.45
6/11/2010 14:45:00	19.512049	1.01	1.43
6/11/2010 15:00:00	19.517511	1.00	1.44
6/11/2010 15:15:00	19.51449	1.01	1.42
6/11/2010 15:30:00	19.519396	1.00	1.40
6/11/2010 15:45:00	19.523621	1.00	1.39
6/11/2010 16:00:00	19.52939	0.99	1.37
6/11/2010 16:15:00	19.53861	0.98	1.36
6/11/2010 16:30:00	19.543911	0.98	1.37
6/11/2010 16:45:00	19.544333	0.98	1.37
6/11/2010 17:00:00	19.541035	0.98	1.37
6/11/2010 17:15:00	19.536739	0.98	1.36
6/11/2010 17:30:00	19.530905	0.99	1.37
6/11/2010 17:45:00	19.527475	0.99	1.37
6/11/2010 18:00:00	19.52154	1.00	1.38
6/11/2010 18:15:00	19.517069	1.00	1.38
6/11/2010 18:30:00	19.512455	1.01	1.39
6/11/2010 18:45:00	19.509068	1.01	1.39
6/11/2010 19:00:00	19.50366	1.02	1.40
6/11/2010 19:15:00	19.497007	1.02	1.42
6/11/2010 19:30:00	19.49122	1.03	1.42
6/11/2010 19:45:00	19.485233	1.03	1.43
6/11/2010 20:00:00	19.4828	1.04	1.44
6/11/2010 20:15:00	19.47328	1.05	1.44
6/11/2010 20:30:00	19.475697	1.04	1.45
6/11/2010 20:45:00	19.473459	1.05	1.45
6/11/2010 21:00:00	19.472427	1.05	1.45
6/11/2010 21:15:00	19.4723	1.05	1.45
6/11/2010 21:30:00	19.477716	1.04	1.45
6/11/2010 21:45:00	19.487793	1.03	1.46
6/11/2010 22:00:00	19.488987	1.03	1.46
6/11/2010 22:15:00	19.494917	1.03	1.45
6/11/2010 22:30:00	19.500599	1.02	1.44
6/11/2010 22:45:00	19.504255	1.02	1.44
6/11/2010 23:00:00	19.508619	1.01	1.44

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/11/2010 7:45	19.016527	1.46	1.77
6/11/2010 8:00	19.02416	1.46	1.77
6/11/2010 8:15	19.028198	1.45	1.76
6/11/2010 8:30	19.030397	1.45	1.77
6/11/2010 8:45	19.036085	1.44	1.77
6/11/2010 9:00	19.046	1.43	1.77
6/11/2010 9:15	19.059759	1.42	1.76
6/11/2010 9:30	19.074911	1.41	1.75
6/11/2010 9:45	19.09334	1.39	1.73
6/11/2010 10:00	19.108858	1.37	1.71
6/11/2010 10:15	19.123058	1.36	1.70
6/11/2010 10:30	19.142467	1.34	1.68
6/11/2010 10:45	19.159443	1.32	1.66
6/11/2010 11:00	19.178293	1.30	1.65
6/11/2010 11:15	19.200811	1.28	1.63
6/11/2010 11:30	19.223131	1.26	1.61
6/11/2010 11:45	19.244322	1.24	1.59
6/11/2010 12:00	19.26716	1.21	1.55
6/11/2010 12:15	19.284491	1.20	1.54
6/11/2010 12:30	19.303631	1.18	1.52
6/11/2010 12:45	19.32612	1.15	1.49
6/11/2010 13:00	19.345163	1.13	1.47
6/11/2010 13:15	19.365026	1.11	1.45
6/11/2010 13:30	19.38866	1.09	1.43
6/11/2010 13:45	19.409985	1.07	1.41
6/11/2010 14:00	19.422546	1.06	1.40
6/11/2010 14:15	19.431396	1.05	1.39
6/11/2010 14:30	19.432241	1.05	1.39
6/11/2010 14:45	19.431957	1.05	1.39
6/11/2010 15:00	19.429895	1.05	1.39
6/11/2010 15:15	19.423496	1.06	1.39
6/11/2010 15:30	19.411594	1.07	1.39
6/11/2010 15:45	19.402437	1.08	1.39
6/11/2010 16:00	19.394964	1.09	1.39
6/11/2010 16:15	19.380508	1.10	1.40
6/11/2010 16:30	19.368099	1.11	1.42
6/11/2010 16:45	19.356152	1.12	1.43
6/11/2010 17:00	19.336321	1.14	1.45
6/11/2010 17:15	19.315996	1.16	1.46
6/11/2010 17:30	19.296646	1.18	1.48
6/11/2010 17:45	19.272949	1.21	1.51
6/11/2010 18:00	19.260698	1.22	1.52
6/11/2010 18:15	19.246763	1.23	1.53
6/11/2010 18:30	19.239252	1.24	1.54
6/11/2010 18:45	19.233578	1.25	1.55
6/11/2010 19:00	19.224377	1.26	1.56
6/11/2010 19:15	19.217783	1.26	1.57
6/11/2010 19:30	19.211975	1.27	1.58
6/11/2010 19:45	19.207304	1.27	1.58
6/11/2010 20:00	19.21348	1.27	1.59
6/11/2010 20:15	19.217958	1.26	1.57
6/11/2010 20:30	19.230068	1.25	1.57
6/11/2010 20:45	19.244015	1.24	1.56
6/11/2010 21:00	19.255234	1.22	1.54
6/11/2010 21:15	19.269133	1.21	1.53
6/11/2010 21:30	19.280615	1.20	1.52
6/11/2010 21:45	19.295925	1.18	1.52
6/11/2010 22:00	19.313574	1.17	1.51
6/11/2010 22:15	19.328314	1.15	1.49
6/11/2010 22:30	19.343832	1.14	1.48
6/11/2010 22:45	19.353962	1.13	1.47
6/11/2010 23:00	19.367224	1.11	1.45
6/11/2010 23:15	19.377834	1.10	1.43
6/11/2010 23:30	19.383316	1.10	1.44
6/11/2010 23:45	19.397226	1.08	1.41
6/12/2010 0:00	19.406935	1.07	1.40
6/12/2010 0:15	19.416758	1.06	1.39
6/12/2010 0:30	19.427216	1.05	1.37
6/12/2010 0:45	19.436081	1.04	1.36

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/11/2010 6:00	19.058668	1.38	1.63
6/11/2010 6:15	19.037369	1.40	1.65
6/11/2010 6:30	19.012989	1.43	1.69
6/11/2010 6:45	19.000772	1.44	1.70
6/11/2010 7:00	18.990711	1.45	1.72
6/11/2010 7:15	18.995646	1.44	1.71
6/11/2010 7:30	19.020008	1.42	1.70
6/11/2010 7:45	19.038389	1.40	1.68
6/11/2010 8:00	19.062572	1.38	1.66
6/11/2010 8:15	19.073132	1.37	1.65
6/11/2010 8:30	19.076174	1.36	1.65
6/11/2010 8:45	19.09317	1.35	1.65
6/11/2010 9:00	19.119949	1.32	1.63
6/11/2010 9:15	19.147238	1.29	1.61
6/11/2010 9:30	19.178371	1.26	1.58
6/11/2010 9:45	19.21549	1.22	1.54
6/11/2010 10:00	19.24622	1.19	1.51
6/11/2010 10:15	19.274534	1.17	1.48
6/11/2010 10:30	19.306959	1.13	1.44
6/11/2010 10:45	19.332182	1.11	1.43
6/11/2010 11:00	19.364183	1.08	1.40
6/11/2010 11:15	19.398809	1.04	1.36
6/11/2010 11:30	19.438208	1.00	1.32
6/11/2010 11:45	19.474384	0.97	1.29
6/11/2010 12:00	19.509268	0.93	1.25
6/11/2010 12:15	19.536001	0.90	1.21
6/11/2010 12:30	19.56506	0.87	1.19
6/11/2010 12:45	19.594069	0.85	1.17
6/11/2010 13:00	19.624945	0.82	1.14
6/11/2010 13:15	19.655436	0.78	1.09
6/11/2010 13:30	19.684694	0.76	1.07
6/11/2010 13:45	19.703745	0.74	1.05
6/11/2010 14:00	19.719875	0.72	1.03
6/11/2010 14:15	19.725054	0.71	1.02
6/11/2010 14:30	19.72102	0.72	1.03
6/11/2010 14:45	19.709814	0.73	1.04
6/11/2010 15:00	19.699652	0.74	1.06
6/11/2010 15:15	19.679913	0.76	1.06
6/11/2010 15:30	19.655008	0.78	1.07
6/11/2010 15:45	19.635122	0.80	1.08
6/11/2010 16:00	19.618139	0.82	1.10
6/11/2010 16:15	19.590794	0.85	1.13
6/11/2010 16:30	19.566233	0.87	1.15
6/11/2010 16:45	19.5441	0.90	1.18
6/11/2010 17:00	19.505344	0.93	1.21
6/11/2010 17:15	19.466793	0.97	1.25
6/11/2010 17:30	19.430193	1.01	1.29
6/11/2010 17:45	19.394802	1.05	1.33
6/11/2010 18:00	19.382416	1.06	1.34
6/11/2010 18:15	19.370977	1.07	1.35
6/11/2010 18:30	19.364328	1.08	1.36
6/11/2010 18:45	19.356092	1.08	1.36
6/11/2010 19:00	19.339233	1.10	1.38
6/11/2010 19:15	19.333193	1.11	1.39
6/11/2010 19:30	19.330845	1.11	1.39
6/11/2010 19:45	19.331081	1.11	1.39
6/11/2010 20:00	19.348995	1.09	1.38
6/11/2010 20:15	19.36171	1.08	1.36
6/11/2010 20:30	19.388323	1.05	1.34
6/11/2010 20:45	19.417599	1.02	1.31
6/11/2010 21:00	19.436497	1.00	1.29
6/11/2010 21:15	19.466797	0.97	1.26
6/11/2010 21:30	19.481947	0.96	1.25
6/11/2010 21:45	19.505188	0.93	1.24
6/11/2010 22:00	19.538206	0.90	1.21
6/11/2010 22:15	19.556217	0.88	1.19
6/11/2010 22:30	19.577114	0.86	1.17
6/11/2010 22:45	19.586246	0.85	1.16
6/11/2010 23:00	19.602156	0.84	1.15

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/11/2010 23:15:00	19.515476	1.00	1.42
6/11/2010 23:30:00	19.523932	1.00	1.42
6/11/2010 23:45:00	19.529392	0.99	1.40
6/12/2010 0:00:00	19.536386	0.98	1.40
6/12/2010 0:15:00	19.544964	0.98	1.39
6/12/2010 0:30:00	19.547323	0.97	1.38
6/12/2010 0:45:00	19.558538	0.96	1.36
6/12/2010 1:00:00	19.564981	0.96	1.36
6/12/2010 1:15:00	19.569759	0.95	1.35
6/12/2010 1:30:00	19.572861	0.95	1.35
6/12/2010 1:45:00	19.574991	0.95	1.35
6/12/2010 2:00:00	19.574406	0.95	1.35
6/12/2010 2:15:00	19.572292	0.95	1.34
6/12/2010 2:30:00	19.570892	0.95	1.34
6/12/2010 2:45:00	19.570192	0.95	1.33
6/12/2010 3:00:00	19.565805	0.95	1.34
6/12/2010 3:15:00	19.569202	0.95	1.35
6/12/2010 3:30:00	19.554167	0.97	1.35
6/12/2010 3:45:00	19.545259	0.97	1.37
6/12/2010 4:00:00	19.528858	0.99	1.38
6/12/2010 4:15:00	19.516676	1.00	1.38
6/12/2010 4:30:00	19.505932	1.01	1.41
6/12/2010 4:45:00	19.483517	1.04	1.42
6/12/2010 5:00:00	19.465567	1.05	1.44
6/12/2010 5:15:00	19.455582	1.06	1.46
6/12/2010 5:30:00	19.434374	1.09	1.48
6/12/2010 5:45:00	19.420214	1.10	1.49
6/12/2010 6:00:00	19.40333	1.12	1.52
6/12/2010 6:15:00	19.382132	1.14	1.54
6/12/2010 6:30:00	19.357941	1.16	1.55
6/12/2010 6:45:00	19.333616	1.19	1.58
6/12/2010 7:00:00	19.309158	1.21	1.60
6/12/2010 7:15:00	19.289455	1.23	1.62
6/12/2010 7:30:00	19.267914	1.25	1.64
6/12/2010 7:45:00	19.248873	1.27	1.66
6/12/2010 8:00:00	19.232224	1.29	1.69
6/12/2010 8:15:00	19.209106	1.31	1.70
6/12/2010 8:30:00	19.190882	1.33	1.71
6/12/2010 8:45:00	19.179825	1.34	1.72
6/12/2010 9:00:00	19.176767	1.34	1.74
6/12/2010 9:15:00	19.165272	1.35	1.75
6/12/2010 9:30:00	19.154463	1.37	1.76
6/12/2010 9:45:00	19.142691	1.38	1.76
6/12/2010 10:00:00	19.136822	1.38	1.76
6/12/2010 10:15:00	19.129782	1.39	1.76
6/12/2010 10:30:00	19.12541	1.39	1.77
6/12/2010 10:45:00	19.116711	1.40	1.76
6/12/2010 11:00:00	19.117247	1.40	1.76
6/12/2010 11:15:00	19.117697	1.40	1.76
6/12/2010 11:30:00	19.117876	1.40	1.76
6/12/2010 11:45:00	19.11235	1.41	1.76
6/12/2010 12:00:00	19.108557	1.41	1.75
6/12/2010 12:15:00	19.111097	1.41	1.75
6/12/2010 12:30:00	19.111212	1.41	1.74
6/12/2010 12:45:00	19.114609	1.41	1.72
6/12/2010 13:00:00	19.11198	1.41	1.72
6/12/2010 13:15:00	19.114517	1.41	1.69
6/12/2010 13:30:00	19.122595	1.40	1.68
6/12/2010 13:45:00	19.131166	1.39	1.68
6/12/2010 14:00:00	19.137348	1.38	1.66
6/12/2010 14:15:00	19.138769	1.38	1.65
6/12/2010 14:30:00	19.145723	1.37	1.64
6/12/2010 14:45:00	19.148264	1.37	1.62
6/12/2010 15:00:00	19.157612	1.36	1.61
6/12/2010 15:15:00	19.160017	1.36	1.60
6/12/2010 15:30:00	19.164654	1.36	1.59
6/12/2010 15:45:00	19.164005	1.36	1.58
6/12/2010 16:00:00	19.169434	1.35	1.56
6/12/2010 16:15:00	19.169464	1.35	1.56

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/12/2010 1:00	19.440184	1.04	1.36
6/12/2010 1:15	19.433432	1.05	1.37
6/12/2010 1:30	19.416697	1.06	1.38
6/12/2010 1:45	19.404459	1.08	1.40
6/12/2010 2:00	19.386251	1.09	1.41
6/12/2010 2:15	19.375696	1.10	1.41
6/12/2010 2:30	19.370152	1.11	1.42
6/12/2010 2:45	19.354679	1.13	1.43
6/12/2010 3:00	19.331476	1.15	1.45
6/12/2010 3:15	19.30274	1.18	1.50
6/12/2010 3:30	19.265097	1.21	1.51
6/12/2010 3:45	19.232458	1.25	1.56
6/12/2010 4:00	19.198126	1.28	1.59
6/12/2010 4:15	19.167105	1.31	1.61
6/12/2010 4:30	19.135971	1.34	1.65
6/12/2010 4:45	19.101812	1.38	1.68
6/12/2010 5:00	19.069422	1.41	1.71
6/12/2010 5:15	19.034313	1.45	1.76
6/12/2010 5:30	19.008059	1.47	1.78
6/12/2010 5:45	18.979109	1.50	1.81
6/12/2010 6:00	18.948473	1.53	1.85
6/12/2010 6:15	18.922207	1.56	1.88
6/12/2010 6:30	18.890795	1.59	1.90
6/12/2010 6:45	18.862818	1.62	1.93
6/12/2010 7:00	18.840654	1.64	1.95
6/12/2010 7:15	18.819384	1.66	1.97
6/12/2010 7:30	18.804579	1.68	1.99
6/12/2010 7:45	18.78998	1.69	2.00
6/12/2010 8:00	18.784611	1.70	2.02
6/12/2010 8:15	18.77478	1.71	2.02
6/12/2010 8:30	18.772749	1.71	2.01
6/12/2010 8:45	18.771423	1.71	2.01
6/12/2010 9:00	18.778387	1.70	2.01
6/12/2010 9:15	18.787317	1.69	2.00
6/12/2010 9:30	18.797012	1.68	1.99
6/12/2010 9:45	18.803589	1.68	1.98
6/12/2010 10:00	18.807709	1.67	1.97
6/12/2010 10:15	18.814194	1.67	1.97
6/12/2010 10:30	18.825853	1.65	1.95
6/12/2010 10:45	18.84148	1.64	1.93
6/12/2010 11:00	18.862619	1.62	1.91
6/12/2010 11:15	18.881409	1.60	1.89
6/12/2010 11:30	18.899771	1.58	1.87
6/12/2010 11:45	18.913008	1.57	1.85
6/12/2010 12:00	18.92943	1.55	1.82
6/12/2010 12:15	18.947653	1.53	1.80
6/12/2010 12:30	18.965086	1.51	1.77
6/12/2010 12:45	18.985687	1.49	1.74
6/12/2010 13:00	19.004013	1.48	1.73
6/12/2010 13:15	19.019533	1.46	1.69
6/12/2010 13:30	19.036037	1.44	1.67
6/12/2010 13:45	19.052065	1.43	1.66
6/12/2010 14:00	19.06978	1.41	1.63
6/12/2010 14:15	19.082373	1.40	1.61
6/12/2010 14:30	19.100208	1.38	1.59
6/12/2010 14:45	19.104702	1.38	1.58
6/12/2010 15:00	19.106903	1.37	1.57
6/12/2010 15:15	19.1024	1.38	1.58
6/12/2010 15:30	19.088642	1.39	1.58
6/12/2010 15:45	19.08017	1.40	1.58
6/12/2010 16:00	19.069996	1.41	1.58
6/12/2010 16:15	19.05838	1.42	1.59
6/12/2010 16:30	19.046509	1.43	1.59
6/12/2010 16:45	19.038019	1.44	1.60
6/12/2010 17:00	19.024111	1.46	1.62
6/12/2010 17:15	18.996735	1.48	1.64
6/12/2010 17:30	18.973673	1.51	1.67
6/12/2010 17:45	18.945627	1.53	1.68
6/12/2010 18:00	18.922291	1.56	1.71

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/11/2010 23:15	19.618715	0.82	1.12
6/11/2010 23:30	19.631807	0.81	1.12
6/11/2010 23:45	19.655247	0.78	1.08
6/12/2010 0:00	19.665819	0.77	1.07
6/12/2010 0:15	19.676939	0.76	1.06
6/12/2010 0:30	19.694235	0.75	1.04
6/12/2010 0:45	19.703203	0.74	1.03
6/12/2010 1:00	19.701401	0.74	1.03
6/12/2010 1:15	19.67787	0.76	1.05
6/12/2010 1:30	19.641453	0.80	1.09
6/12/2010 1:45	19.61381	0.83	1.12
6/12/2010 2:00	19.582722	0.86	1.15
6/12/2010 2:15	19.566923	0.87	1.15
6/12/2010 2:30	19.548815	0.89	1.17
6/12/2010 2:45	19.518909	0.92	1.20
6/12/2010 3:00	19.47987	0.96	1.24
6/12/2010 3:15	19.423473	1.02	1.31
6/12/2010 3:30	19.363028	1.08	1.36
6/12/2010 3:45	19.311361	1.13	1.41
6/12/2010 4:00	19.262753	1.18	1.46
6/12/2010 4:15	19.211864	1.23	1.51
6/12/2010 4:30	19.16876	1.27	1.55
6/12/2010 4:45	19.11899	1.32	1.60
6/12/2010 5:00	19.068316	1.37	1.65
6/12/2010 5:15	19.01795	1.42	1.70
6/12/2010 5:30	18.986374	1.45	1.73
6/12/2010 5:45	18.944721	1.50	1.78
6/12/2010 6:00	18.901852	1.54	1.83
6/12/2010 6:15	18.867903	1.57	1.86
6/12/2010 6:30	18.822414	1.62	1.90
6/12/2010 6:45	18.797167	1.64	1.92
6/12/2010 7:00	18.774157	1.67	1.95
6/12/2010 7:15	18.754965	1.69	1.97
6/12/2010 7:30	18.746145	1.69	1.97
6/12/2010 7:45	18.734789	1.71	1.99
6/12/2010 8:00	18.738245	1.70	1.99
6/12/2010 8:15	18.733118	1.71	1.99
6/12/2010 8:30	18.747934	1.69	1.97
6/12/2010 8:45	18.755491	1.68	1.96
6/12/2010 9:00	18.77533	1.66	1.94
6/12/2010 9:15	18.79987	1.64	1.92
6/12/2010 9:30	18.824141	1.62	1.90
6/12/2010 9:45	18.840588	1.60	1.88
6/12/2010 10:00	18.853115	1.59	1.87
6/12/2010 10:15	18.868044	1.57	1.84
6/12/2010 10:30	18.891291	1.55	1.82
6/12/2010 10:45	18.9307	1.51	1.77
6/12/2010 11:00	18.969145	1.47	1.73
6/12/2010 11:15	19.003525	1.44	1.70
6/12/2010 11:30	19.036242	1.40	1.66
6/12/2010 11:45	19.058651	1.38	1.63
6/12/2010 12:00	19.085499	1.35	1.60
6/12/2010 12:15	19.118467	1.32	1.57
6/12/2010 12:30	19.148275	1.29	1.53
6/12/2010 12:45	19.181746	1.26	1.49
6/12/2010 13:00	19.213913	1.23	1.45
6/12/2010 13:15	19.239733	1.20	1.41
6/12/2010 13:30	19.266586	1.17	1.38
6/12/2010 13:45	19.2841	1.16	1.37
6/12/2010 14:00	19.307795	1.13	1.33
6/12/2010 14:15	19.33058	1.11	1.30
6/12/2010 14:30	19.344576	1.10	1.29
6/12/2010 14:45	19.346838	1.09	1.27
6/12/2010 15:00	19.337706	1.10	1.28
6/12/2010 15:15	19.319632	1.12	1.30
6/12/2010 15:30	19.298723	1.14	1.31
6/12/2010 15:45	19.280716	1.16	1.32
6/12/2010 16:00	19.255362	1.18	1.33
6/12/2010 16:15	19.240557	1.20	1.35

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/12/2010 16:30:00	19.168224	1.35	1.55
6/12/2010 16:45:00	19.177984	1.34	1.54
6/12/2010 17:00:00	19.174746	1.35	1.55
6/12/2010 17:15:00	19.173483	1.35	1.55
6/12/2010 17:30:00	19.166666	1.35	1.54
6/12/2010 17:45:00	19.155443	1.36	1.54
6/12/2010 18:00:00	19.150446	1.37	1.55
6/12/2010 18:15:00	19.143946	1.38	1.55
6/12/2010 18:30:00	19.142578	1.38	1.55
6/12/2010 18:45:00	19.132526	1.39	1.56
6/12/2010 19:00:00	19.128263	1.39	1.56
6/12/2010 19:15:00	19.117666	1.40	1.57
6/12/2010 19:30:00	19.115614	1.40	1.58
6/12/2010 19:45:00	19.102253	1.42	1.58
6/12/2010 20:00:00	19.096756	1.42	1.58
6/12/2010 20:15:00	19.089199	1.43	1.59
6/12/2010 20:30:00	19.082623	1.44	1.59
6/12/2010 20:45:00	19.078321	1.44	1.59
6/12/2010 21:00:00	19.074081	1.45	1.59
6/12/2010 21:15:00	19.072144	1.45	1.60
6/12/2010 21:30:00	19.07988	1.44	1.59
6/12/2010 21:45:00	19.076111	1.44	1.59
6/12/2010 22:00:00	19.082775	1.44	1.59
6/12/2010 22:15:00	19.084631	1.44	1.59
6/12/2010 22:30:00	19.090637	1.43	1.58
6/12/2010 22:45:00	19.082743	1.44	1.58
6/12/2010 23:00:00	19.084902	1.44	1.57
6/12/2010 23:15:00	19.095196	1.42	1.56
6/12/2010 23:30:00	19.106297	1.41	1.56
6/12/2010 23:45:00	19.115908	1.40	1.54
6/13/2010 0:00:00	19.124685	1.40	1.52
6/13/2010 0:15:00	19.131605	1.39	1.52
6/13/2010 0:30:00	19.141056	1.38	1.52
6/13/2010 0:45:00	19.146154	1.37	1.50
6/13/2010 1:00:00	19.160648	1.36	1.49
6/13/2010 1:15:00	19.167704	1.35	1.48
6/13/2010 1:30:00	19.180059	1.34	1.46
6/13/2010 1:45:00	19.195078	1.32	1.44
6/13/2010 2:00:00	19.203711	1.32	1.44
6/13/2010 2:15:00	19.210781	1.31	1.43
6/13/2010 2:30:00	19.227343	1.29	1.42
6/13/2010 2:45:00	19.232788	1.29	1.40
6/13/2010 3:00:00	19.239658	1.28	1.40
6/13/2010 3:15:00	19.250904	1.27	1.39
6/13/2010 3:30:00	19.252081	1.27	1.36
6/13/2010 3:45:00	19.255751	1.26	1.37
6/13/2010 4:00:00	19.261639	1.26	1.34
6/13/2010 4:15:00	19.260077	1.26	1.34
6/13/2010 4:30:00	19.263327	1.26	1.35
6/13/2010 4:45:00	19.258211	1.26	1.36
6/13/2010 5:00:00	19.258162	1.26	1.36
6/13/2010 5:15:00	19.254917	1.27	1.36
6/13/2010 5:30:00	19.248552	1.27	1.37
6/13/2010 5:45:00	19.241138	1.28	1.38
6/13/2010 6:00:00	19.230944	1.29	1.40
6/13/2010 6:15:00	19.217342	1.30	1.42
6/13/2010 6:30:00	19.20344	1.32	1.43
6/13/2010 6:45:00	19.185879	1.33	1.44
6/13/2010 7:00:00	19.173443	1.35	1.45
6/13/2010 7:15:00	19.157835	1.36	1.47
6/13/2010 7:30:00	19.143541	1.38	1.47
6/13/2010 7:45:00	19.122004	1.40	1.48
6/13/2010 8:00:00	19.11038	1.41	1.49
6/13/2010 8:15:00	19.096708	1.42	1.51
6/13/2010 8:30:00	19.082304	1.44	1.52
6/13/2010 8:45:00	19.066565	1.45	1.53
6/13/2010 9:00:00	19.058748	1.46	1.55
6/13/2010 9:15:00	19.048437	1.47	1.56
6/13/2010 9:30:00	19.038588	1.48	1.57

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/12/2010 18:15	18.905817	1.57	1.71
6/12/2010 18:30	18.895456	1.58	1.72
6/12/2010 18:45	18.881617	1.60	1.74
6/12/2010 19:00	18.863636	1.62	1.76
6/12/2010 19:15	18.855856	1.62	1.76
6/12/2010 19:30	18.842421	1.64	1.79
6/12/2010 19:45	18.830309	1.65	1.78
6/12/2010 20:00	18.821777	1.66	1.79
6/12/2010 20:15	18.815649	1.66	1.79
6/12/2010 20:30	18.806995	1.67	1.79
6/12/2010 20:45	18.798891	1.68	1.80
6/12/2010 21:00	18.807482	1.67	1.79
6/12/2010 21:15	18.824383	1.66	1.78
6/12/2010 21:30	18.855526	1.62	1.74
6/12/2010 21:45	18.885143	1.59	1.71
6/12/2010 22:00	18.903164	1.58	1.70
6/12/2010 22:15	18.9095	1.57	1.70
6/12/2010 22:30	18.914335	1.57	1.69
6/12/2010 22:45	18.914274	1.57	1.68
6/12/2010 23:00	18.935009	1.54	1.65
6/12/2010 23:15	18.967318	1.51	1.62
6/12/2010 23:30	19.006483	1.47	1.59
6/12/2010 23:45	19.036615	1.44	1.55
6/13/2010 0:00	19.051258	1.43	1.54
6/13/2010 0:15	19.065474	1.41	1.52
6/13/2010 0:30	19.068308	1.41	1.52
6/13/2010 0:45	19.07976	1.40	1.51
6/13/2010 1:00	19.101597	1.38	1.49
6/13/2010 1:15	19.12505	1.35	1.46
6/13/2010 1:30	19.14863	1.33	1.43
6/13/2010 1:45	19.166597	1.31	1.41
6/13/2010 2:00	19.182016	1.30	1.41
6/13/2010 2:15	19.185562	1.29	1.39
6/13/2010 2:30	19.188093	1.29	1.40
6/13/2010 2:45	19.194836	1.29	1.39
6/13/2010 3:00	19.193283	1.29	1.39
6/13/2010 3:15	19.184261	1.30	1.40
6/13/2010 3:30	19.177694	1.30	1.38
6/13/2010 3:45	19.15712	1.32	1.41
6/13/2010 4:00	19.135164	1.34	1.41
6/13/2010 4:15	19.123104	1.36	1.43
6/13/2010 4:30	19.104904	1.38	1.46
6/13/2010 4:45	19.089895	1.39	1.47
6/13/2010 5:00	19.064722	1.42	1.50
6/13/2010 5:15	19.038073	1.44	1.52
6/13/2010 5:30	19.006033	1.47	1.55
6/13/2010 5:45	18.974642	1.51	1.60
6/13/2010 6:00	18.952623	1.53	1.62
6/13/2010 6:15	18.926746	1.55	1.65
6/13/2010 6:30	18.90336	1.58	1.68
6/13/2010 6:45	18.87863	1.60	1.69
6/13/2010 7:00	18.851583	1.63	1.72
6/13/2010 7:15	18.825911	1.65	1.74
6/13/2010 7:30	18.80209	1.68	1.76
6/13/2010 7:45	18.786022	1.69	1.76
6/13/2010 8:00	18.775402	1.70	1.77
6/13/2010 8:15	18.766363	1.71	1.78
6/13/2010 8:30	18.758017	1.72	1.79
6/13/2010 8:45	18.753864	1.73	1.80
6/13/2010 9:00	18.750959	1.73	1.80
6/13/2010 9:15	18.755756	1.72	1.79
6/13/2010 9:30	18.76395	1.72	1.79
6/13/2010 9:45	18.775946	1.70	1.77
6/13/2010 10:00	18.789185	1.69	1.76
6/13/2010 10:15	18.809473	1.67	1.75
6/13/2010 10:30	18.826124	1.65	1.72
6/13/2010 10:45	18.846304	1.63	1.70
6/13/2010 11:00	18.864492	1.62	1.69
6/13/2010 11:15	18.881638	1.60	1.68

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/12/2010 16:30	19.214626	1.23	1.38
6/12/2010 16:45	19.192459	1.25	1.40
6/12/2010 17:00	19.157288	1.28	1.43
6/12/2010 17:15	19.110701	1.33	1.48
6/12/2010 17:30	19.077362	1.36	1.50
6/12/2010 17:45	19.032154	1.41	1.54
6/12/2010 18:00	18.999569	1.44	1.57
6/12/2010 18:15	18.976519	1.46	1.58
6/12/2010 18:30	18.957951	1.48	1.60
6/12/2010 18:45	18.938292	1.50	1.62
6/12/2010 19:00	18.915955	1.52	1.64
6/12/2010 19:15	18.904755	1.54	1.66
6/12/2010 19:30	18.892635	1.55	1.68
6/12/2010 19:45	18.881786	1.56	1.68
6/12/2010 20:00	18.87442	1.57	1.69
6/12/2010 20:15	18.870348	1.57	1.69
6/12/2010 20:30	18.856817	1.58	1.69
6/12/2010 20:45	18.846359	1.59	1.70
6/12/2010 21:00	18.873978	1.57	1.68
6/12/2010 21:15	18.920849	1.52	1.63
6/12/2010 21:30	18.979589	1.46	1.57
6/12/2010 21:45	19.03842	1.40	1.51
6/12/2010 22:00	19.059616	1.38	1.49
6/12/2010 22:15	19.061131	1.38	1.50
6/12/2010 22:30	19.063704	1.38	1.49
6/12/2010 22:45	19.065411	1.37	1.47
6/12/2010 23:00	19.106829	1.33	1.43
6/12/2010 23:15	19.170801	1.27	1.37
6/12/2010 23:30	19.236332	1.20	1.31
6/12/2010 23:45	19.276104	1.16	1.26
6/13/2010 0:00	19.294306	1.15	1.24
6/13/2010 0:15	19.3016	1.14	1.23
6/13/2010 0:30	19.309322	1.13	1.23
6/13/2010 0:45	19.324476	1.12	1.21
6/13/2010 1:00	19.359385	1.08	1.17
6/13/2010 1:15	19.401796	1.04	1.13
6/13/2010 1:30	19.428091	1.01	1.09
6/13/2010 1:45	19.452024	0.99	1.07
6/13/2010 2:00	19.46611	0.97	1.06
6/13/2010 2:15	19.46068	0.98	1.06
6/13/2010 2:30	19.457476	0.98	1.07
6/13/2010 2:45	19.463011	0.98	1.06
6/13/2010 3:00	19.45459	0.99	1.07
6/13/2010 3:15	19.429621	1.01	1.09
6/13/2010 3:30	19.404837	1.04	1.11
6/13/2010 3:45	19.358015	1.08	1.16
6/13/2010 4:00	19.318363	1.12	1.18
6/13/2010 4:15	19.297211	1.14	1.20
6/13/2010 4:30	19.271542	1.17	1.24
6/13/2010 4:45	19.24493	1.20	1.27
6/13/2010 5:00	19.199711	1.24	1.31
6/13/2010 5:15	19.149542	1.29	1.36
6/13/2010 5:30	19.0923	1.35	1.42
6/13/2010 5:45	19.04545	1.39	1.47
6/13/2010 6:00	19.011583	1.43	1.51
6/13/2010 6:15	18.975925	1.46	1.54
6/13/2010 6:30	18.945694	1.49	1.57
6/13/2010 6:45	18.909472	1.53	1.61
6/13/2010 7:00	18.867952	1.57	1.65
6/13/2010 7:15	18.834181	1.61	1.69
6/13/2010 7:30	18.802807	1.64	1.71
6/13/2010 7:45	18.794876	1.65	1.71
6/13/2010 8:00	18.788727	1.65	1.71
6/13/2010 8:15	18.782476	1.66	1.72
6/13/2010 8:30	18.779135	1.66	1.72
6/13/2010 8:45	18.783373	1.66	1.71
6/13/2010 9:00	18.784426	1.66	1.72
6/13/2010 9:15	18.806475	1.63	1.69
6/13/2010 9:30	18.827589	1.61	1.67

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/13/2010 9:45:00	19.038147	1.48	1.57
6/13/2010 10:00:00	19.033499	1.49	1.57
6/13/2010 10:15:00	19.035284	1.48	1.58
6/13/2010 10:30:00	19.031498	1.49	1.57
6/13/2010 10:45:00	19.03303	1.49	1.57
6/13/2010 11:00:00	19.036133	1.48	1.57
6/13/2010 11:15:00	19.037304	1.48	1.58
6/13/2010 11:30:00	19.039968	1.48	1.56
6/13/2010 11:45:00	19.039186	1.48	1.57
6/13/2010 12:00:00	19.04213	1.48	1.55
6/13/2010 12:15:00	19.040909	1.48	1.54
6/13/2010 12:30:00	19.051851	1.47	1.52
6/13/2010 12:45:00	19.057819	1.46	1.52
6/13/2010 13:00:00	19.058422	1.46	1.50
6/13/2010 13:15:00	19.072933	1.45	1.48
6/13/2010 13:30:00	19.084366	1.44	1.47
6/13/2010 13:45:00	19.096296	1.42	1.44
6/13/2010 14:00:00	19.112215	1.41	1.43
6/13/2010 14:15:00	19.125553	1.39	1.42
6/13/2010 14:30:00	19.141937	1.38	1.40
6/13/2010 14:45:00	19.15724	1.36	1.38
6/13/2010 15:00:00	19.175222	1.34	1.37
6/13/2010 15:15:00	19.194149	1.33	1.34
6/13/2010 15:30:00	19.211042	1.31	1.32
6/13/2010 15:45:00	19.225962	1.29	1.30
6/13/2010 16:00:00	19.242487	1.28	1.29
6/13/2010 16:15:00	19.25738	1.26	1.27
6/13/2010 16:30:00	19.271912	1.25	1.26
6/13/2010 16:45:00	19.286238	1.23	1.23
6/13/2010 17:00:00	19.295965	1.22	1.22
6/13/2010 17:15:00	19.310549	1.21	1.20
6/13/2010 17:30:00	19.324633	1.20	1.20
6/13/2010 17:45:00	19.336012	1.18	1.18
6/13/2010 18:00:00	19.346693	1.17	1.17
6/13/2010 18:15:00	19.356281	1.16	1.16
6/13/2010 18:30:00	19.363405	1.16	1.17
6/13/2010 18:45:00	19.36706	1.15	1.15
6/13/2010 19:00:00	19.374905	1.15	1.16
6/13/2010 19:15:00	19.380493	1.14	1.15
6/13/2010 19:30:00	19.384811	1.14	1.16
6/13/2010 19:45:00	19.385279	1.13	1.16
6/13/2010 20:00:00	19.386332	1.13	1.15
6/13/2010 20:15:00	19.385635	1.13	1.16
6/13/2010 20:30:00	19.39081	1.13	1.15
6/13/2010 20:45:00	19.396896	1.12	1.14
6/13/2010 21:00:00	19.399155	1.12	1.15
6/13/2010 21:15:00	19.40204	1.12	1.15
6/13/2010 21:30:00	19.408875	1.11	1.15
6/13/2010 21:45:00	19.410543	1.11	1.15
6/13/2010 22:00:00	19.417454	1.10	1.16
6/13/2010 22:15:00	19.427429	1.09	1.16
6/13/2010 22:30:00	19.43498	1.09	1.16
6/13/2010 22:45:00	19.442717	1.08	1.15
6/13/2010 23:00:00	19.446392	1.07	1.15
6/13/2010 23:15:00	19.45084	1.07	1.14
6/13/2010 23:30:00	19.458414	1.06	1.14
6/13/2010 23:45:00	19.470968	1.05	1.13
6/14/2010 0:00:00	19.478903	1.04	1.12
6/14/2010 0:15:00	19.485975	1.03	1.12
6/14/2010 0:30:00	19.498472	1.02	1.11
6/14/2010 0:45:00	19.503544	1.02	1.10
6/14/2010 1:00:00	19.514439	1.01	1.10
6/14/2010 1:15:00	19.522827	1.00	1.07
6/14/2010 1:30:00	19.527508	0.99	1.06
6/14/2010 1:45:00	19.536772	0.98	1.06
6/14/2010 2:00:00	19.55142	0.97	1.04
6/14/2010 2:15:00	19.563303	0.96	1.03
6/14/2010 2:30:00	19.573023	0.95	1.02
6/14/2010 2:45:00	19.583902	0.94	1.02

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/13/2010 11:30	18.90333	1.58	1.65
6/13/2010 11:45	18.923754	1.56	1.63
6/13/2010 12:00	18.945911	1.53	1.60
6/13/2010 12:15	18.972561	1.51	1.57
6/13/2010 12:30	18.988775	1.49	1.54
6/13/2010 12:45	19.012171	1.47	1.52
6/13/2010 13:00	19.035767	1.44	1.48
6/13/2010 13:15	19.061665	1.42	1.45
6/13/2010 13:30	19.088522	1.39	1.42
6/13/2010 13:45	19.118567	1.36	1.38
6/13/2010 14:00	19.142426	1.34	1.36
6/13/2010 14:15	19.173758	1.31	1.33
6/13/2010 14:30	19.209354	1.27	1.29
6/13/2010 14:45	19.239576	1.24	1.26
6/13/2010 15:00	19.272223	1.21	1.23
6/13/2010 15:15	19.299612	1.18	1.20
6/13/2010 15:30	19.315617	1.16	1.18
6/13/2010 15:45	19.328934	1.15	1.17
6/13/2010 16:00	19.33852	1.14	1.16
6/13/2010 16:15	19.346066	1.13	1.15
6/13/2010 16:30	19.356304	1.12	1.14
6/13/2010 16:45	19.360762	1.12	1.13
6/13/2010 17:00	19.361044	1.12	1.13
6/13/2010 17:15	19.358049	1.12	1.12
6/13/2010 17:30	19.362713	1.12	1.13
6/13/2010 17:45	19.369564	1.11	1.12
6/13/2010 18:00	19.34827	1.13	1.14
6/13/2010 18:15	19.326176	1.15	1.16
6/13/2010 18:30	19.309706	1.17	1.19
6/13/2010 18:45	19.293737	1.19	1.20
6/13/2010 19:00	19.289068	1.19	1.21
6/13/2010 19:15	19.286337	1.19	1.21
6/13/2010 19:30	19.271397	1.21	1.23
6/13/2010 19:45	19.252823	1.23	1.25
6/13/2010 20:00	19.243855	1.24	1.26
6/13/2010 20:15	19.247511	1.23	1.25
6/13/2010 20:30	19.258158	1.22	1.24
6/13/2010 20:45	19.262707	1.22	1.24
6/13/2010 21:00	19.260391	1.22	1.25
6/13/2010 21:15	19.253735	1.23	1.26
6/13/2010 21:30	19.247959	1.23	1.27
6/13/2010 21:45	19.256332	1.22	1.26
6/13/2010 22:00	19.276005	1.20	1.25
6/13/2010 22:15	19.302692	1.18	1.24
6/13/2010 22:30	19.336016	1.14	1.21
6/13/2010 22:45	19.356558	1.12	1.19
6/13/2010 23:00	19.375626	1.10	1.17
6/13/2010 23:15	19.387522	1.09	1.16
6/13/2010 23:30	19.402567	1.08	1.15
6/13/2010 23:45	19.426401	1.05	1.12
6/14/2010 0:00	19.447641	1.03	1.10
6/14/2010 0:15	19.472233	1.01	1.08
6/14/2010 0:30	19.497225	0.98	1.05
6/14/2010 0:45	19.515747	0.96	1.03
6/14/2010 1:00	19.530048	0.95	1.03
6/14/2010 1:15	19.547518	0.93	1.00
6/14/2010 1:30	19.563984	0.92	0.98
6/14/2010 1:45	19.578169	0.90	0.97
6/14/2010 2:00	19.595003	0.88	0.95
6/14/2010 2:15	19.611858	0.87	0.94
6/14/2010 2:30	19.621235	0.86	0.93
6/14/2010 2:45	19.634821	0.85	0.92
6/14/2010 3:00	19.635227	0.84	0.91
6/14/2010 3:15	19.635014	0.84	0.91
6/14/2010 3:30	19.632813	0.85	0.92
6/14/2010 3:45	19.621876	0.86	0.93
6/14/2010 4:00	19.608534	0.87	0.94
6/14/2010 4:15	19.591406	0.89	0.96
6/14/2010 4:30	19.57482	0.91	0.98

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/13/2010 9:45	18.85166	1.59	1.65
6/13/2010 10:00	18.887119	1.55	1.61
6/13/2010 10:15	18.922913	1.52	1.59
6/13/2010 10:30	18.954996	1.49	1.55
6/13/2010 10:45	18.991131	1.45	1.51
6/13/2010 11:00	19.020956	1.42	1.48
6/13/2010 11:15	19.051022	1.39	1.46
6/13/2010 11:30	19.077465	1.36	1.42
6/13/2010 11:45	19.11585	1.32	1.38
6/13/2010 12:00	19.152405	1.29	1.34
6/13/2010 12:15	19.192291	1.25	1.30
6/13/2010 12:30	19.234211	1.21	1.25
6/13/2010 12:45	19.265413	1.17	1.21
6/13/2010 13:00	19.302334	1.14	1.17
6/13/2010 13:15	19.346361	1.09	1.11
6/13/2010 13:30	19.383894	1.06	1.08
6/13/2010 13:45	19.429144	1.01	1.03
6/13/2010 14:00	19.465879	0.97	0.99
6/13/2010 14:15	19.512133	0.93	0.95
6/13/2010 14:30	19.567686	0.87	0.89
6/13/2010 14:45	19.611963	0.83	0.85
6/13/2010 15:00	19.656513	0.78	0.80
6/13/2010 15:15	19.687412	0.75	0.76
6/13/2010 15:30	19.691944	0.75	0.76
6/13/2010 15:45	19.702068	0.74	0.75
6/13/2010 16:00	19.702951	0.74	0.75
6/13/2010 16:15	19.705309	0.73	0.74
6/13/2010 16:30	19.72386	0.72	0.73
6/13/2010 16:45	19.712194	0.73	0.73
6/13/2010 17:00	19.707733	0.73	0.73
6/13/2010 17:15	19.687269	0.75	0.74
6/13/2010 17:30	19.688887	0.75	0.75
6/13/2010 17:45	19.696276	0.74	0.74
6/13/2010 18:00	19.636435	0.80	0.80
6/13/2010 18:15	19.588415	0.85	0.85
6/13/2010 18:30	19.560171	0.88	0.89
6/13/2010 18:45	19.525953	0.91	0.91
6/13/2010 19:00	19.530058	0.91	0.92
6/13/2010 19:15	19.521961	0.92	0.93
6/13/2010 19:30	19.478336	0.96	0.98
6/13/2010 19:45	19.442387	1.00	1.02
6/13/2010 20:00	19.431898	1.01	1.03
6/13/2010 20:15	19.453573	0.99	1.01
6/13/2010 20:30	19.483215	0.96	0.98
6/13/2010 20:45	19.48572	0.95	0.97
6/13/2010 21:00	19.479815	0.96	0.98
6/13/2010 21:15	19.461349	0.98	1.00
6/13/2010 21:30	19.448313	0.99	1.02
6/13/2010 21:45	19.476675	0.96	0.99
6/13/2010 22:00	19.513323	0.93	0.97
6/13/2010 22:15	19.561611	0.88	0.93
6/13/2010 22:30	19.612093	0.83	0.88
6/13/2010 22:45	19.645609	0.79	0.84
6/13/2010 23:00	19.677029	0.76	0.81
6/13/2010 23:15	19.691179	0.75	0.80
6/13/2010 23:30	19.711565	0.73	0.78
6/13/2010 23:45	19.74992	0.69	0.75
6/14/2010 0:00	19.78546	0.65	0.70
6/14/2010 0:15	19.817699	0.62	0.68
6/14/2010 0:30	19.852934	0.59	0.65
6/14/2010 0:45	19.876896	0.56	0.62
6/14/2010 1:00	19.894169	0.55	0.62
6/14/2010 1:15	19.922596	0.52	0.57
6/14/2010 1:30	19.948656	0.49	0.54
6/14/2010 1:45	19.966139	0.47	0.52
6/14/2010 2:00	19.994047	0.45	0.50
6/14/2010 2:15	20.006847	0.43	0.48
6/14/2010 2:30	20.016489	0.42	0.47
6/14/2010 2:45	20.029013	0.41	0.47

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/14/2010 3:00:00	19.585476	0.93	1.02
6/14/2010 3:15:00	19.594662	0.93	1.00
6/14/2010 3:30:00	19.604446	0.92	0.99
6/14/2010 3:45:00	19.609324	0.91	0.98
6/14/2010 4:00:00	19.617039	0.90	0.98
6/14/2010 4:15:00	19.617014	0.90	0.98
6/14/2010 4:30:00	19.619745	0.90	0.97
6/14/2010 4:45:00	19.619871	0.90	0.97
6/14/2010 5:00:00	19.624523	0.90	0.97
6/14/2010 5:15:00	19.625837	0.89	0.97
6/14/2010 5:30:00	19.627888	0.89	0.97
6/14/2010 5:45:00	19.625105	0.89	0.98
6/14/2010 6:00:00	19.623579	0.90	0.98
6/14/2010 6:15:00	19.614885	0.91	0.99
6/14/2010 6:30:00	19.605503	0.91	1.00
6/14/2010 6:45:00	19.601166	0.92	1.01
6/14/2010 7:00:00	19.58814	0.93	1.03
6/14/2010 7:15:00	19.577982	0.94	1.04
6/14/2010 7:30:00	19.561024	0.96	1.05
6/14/2010 7:45:00	19.546848	0.97	1.07
6/14/2010 8:00:00	19.537367	0.98	1.09
6/14/2010 8:15:00	19.517473	1.00	1.11
6/14/2010 8:30:00	19.499699	1.02	1.13
6/14/2010 8:45:00	19.485279	1.03	1.14
6/14/2010 9:00:00	19.468639	1.05	1.16
6/14/2010 9:15:00	19.460629	1.06	1.18
6/14/2010 9:30:00	19.441925	1.08	1.18
6/14/2010 9:45:00	19.43115	1.09	1.19
6/14/2010 10:00:00	19.419132	1.10	1.21
6/14/2010 10:15:00	19.408781	1.11	1.22
6/14/2010 10:30:00	19.396816	1.12	1.23
6/14/2010 10:45:00	19.389627	1.13	1.23
6/14/2010 11:00:00	19.384079	1.14	1.23
6/14/2010 11:15:00	19.381659	1.14	1.23
6/14/2010 11:30:00	19.375889	1.14	1.24
6/14/2010 11:45:00	19.370359	1.15	1.25
6/14/2010 12:00:00	19.367758	1.15	1.24
6/14/2010 12:15:00	19.370565	1.15	1.24
6/14/2010 12:30:00	19.37208	1.15	1.24
6/14/2010 12:45:00	19.371937	1.15	1.23
6/14/2010 13:00:00	19.369747	1.15	1.22
6/14/2010 13:15:00	19.381084	1.14	1.21
6/14/2010 13:30:00	19.386942	1.13	1.21
6/14/2010 13:45:00	19.393396	1.13	1.20
6/14/2010 14:00:00	19.401119	1.12	1.18
6/14/2010 14:15:00	19.406965	1.11	1.18
6/14/2010 14:30:00	19.414667	1.11	1.16
6/14/2010 14:45:00	19.428249	1.09	1.16
6/14/2010 15:00:00	19.435495	1.08	1.14
6/14/2010 15:15:00	19.448385	1.07	1.12
6/14/2010 15:30:00	19.460947	1.06	1.10
6/14/2010 15:45:00	19.473297	1.05	1.09
6/14/2010 16:00:00	19.483156	1.04	1.08
6/14/2010 16:15:00	19.495871	1.02	1.07
6/14/2010 16:30:00	19.502413	1.02	1.06
6/14/2010 16:45:00	19.515882	1.00	1.05
6/14/2010 17:00:00	19.521114	1.00	1.04
6/14/2010 17:15:00	19.544573	0.98	1.04
6/14/2010 17:30:00	19.537109	0.98	1.05
6/14/2010 17:45:00	19.5343	0.99	1.04
6/14/2010 18:00:00	19.537912	0.98	1.02
6/14/2010 18:15:00	19.540087	0.98	1.02
6/14/2010 18:30:00	19.545826	0.97	1.02
6/14/2010 18:45:00	19.544329	0.98	1.02
6/14/2010 19:00:00	19.540182	0.98	1.03
6/14/2010 19:15:00	19.536753	0.98	1.04
6/14/2010 19:30:00	19.529474	0.99	1.05
6/14/2010 19:45:00	19.518431	1.00	1.05
6/14/2010 20:00:00	19.505453	1.01	1.07

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/14/2010 4:45	19.552904	0.93	1.00
6/14/2010 5:00	19.527369	0.95	1.02
6/14/2010 5:15	19.499289	0.98	1.05
6/14/2010 5:30	19.462362	1.02	1.09
6/14/2010 5:45	19.429991	1.05	1.12
6/14/2010 6:00	19.402048	1.08	1.15
6/14/2010 6:15	19.371679	1.11	1.18
6/14/2010 6:30	19.341824	1.14	1.21
6/14/2010 6:45	19.30607	1.17	1.25
6/14/2010 7:00	19.271532	1.21	1.29
6/14/2010 7:15	19.234772	1.25	1.33
6/14/2010 7:30	19.205931	1.27	1.35
6/14/2010 7:45	19.175869	1.30	1.38
6/14/2010 8:00	19.150839	1.33	1.42
6/14/2010 8:15	19.126232	1.35	1.44
6/14/2010 8:30	19.102371	1.38	1.47
6/14/2010 8:45	19.08079	1.40	1.49
6/14/2010 9:00	19.061327	1.42	1.51
6/14/2010 9:15	19.049101	1.43	1.53
6/14/2010 9:30	19.03944	1.44	1.53
6/14/2010 9:45	19.037445	1.44	1.53
6/14/2010 10:00	19.039888	1.44	1.53
6/14/2010 10:15	19.04015	1.44	1.53
6/14/2010 10:30	19.043673	1.44	1.53
6/14/2010 10:45	19.05505	1.42	1.50
6/14/2010 11:00	19.064425	1.42	1.50
6/14/2010 11:15	19.076044	1.40	1.48
6/14/2010 11:30	19.088131	1.39	1.47
6/14/2010 11:45	19.10232	1.38	1.46
6/14/2010 12:00	19.121153	1.36	1.43
6/14/2010 12:15	19.138273	1.34	1.42
6/14/2010 12:30	19.164995	1.32	1.40
6/14/2010 12:45	19.185873	1.29	1.36
6/14/2010 13:00	19.20315	1.28	1.35
6/14/2010 13:15	19.226923	1.25	1.32
6/14/2010 13:30	19.244568	1.24	1.31
6/14/2010 13:45	19.257818	1.22	1.29
6/14/2010 14:00	19.276392	1.20	1.26
6/14/2010 14:15	19.299379	1.18	1.24
6/14/2010 14:30	19.319744	1.16	1.21
6/14/2010 14:45	19.343889	1.14	1.20
6/14/2010 15:00	19.367725	1.11	1.16
6/14/2010 15:15	19.385559	1.09	1.14
6/14/2010 15:30	19.398075	1.08	1.12
6/14/2010 15:45	19.414148	1.07	1.11
6/14/2010 16:00	19.424702	1.06	1.10
6/14/2010 16:15	19.433008	1.05	1.09
6/14/2010 16:30	19.437653	1.04	1.08
6/14/2010 16:45	19.441223	1.04	1.08
6/14/2010 17:00	19.43712	1.04	1.08
6/14/2010 17:15	19.434002	1.05	1.11
6/14/2010 17:30	19.414427	1.07	1.13
6/14/2010 17:45	19.403791	1.08	1.13
6/14/2010 18:00	19.392792	1.09	1.13
6/14/2010 18:15	19.373068	1.11	1.15
6/14/2010 18:30	19.355885	1.12	1.16
6/14/2010 18:45	19.332996	1.15	1.19
6/14/2010 19:00	19.300915	1.18	1.23
6/14/2010 19:15	19.28915	1.19	1.24
6/14/2010 19:30	19.259518	1.22	1.28
6/14/2010 19:45	19.229536	1.25	1.30
6/14/2010 20:00	19.206945	1.27	1.32
6/14/2010 20:15	19.174683	1.31	1.36
6/14/2010 20:30	19.161789	1.32	1.37
6/14/2010 20:45	19.148287	1.33	1.39
6/14/2010 21:00	19.13508	1.34	1.40
6/14/2010 21:15	19.125025	1.35	1.42
6/14/2010 21:30	19.11797	1.36	1.43
6/14/2010 21:45	19.117163	1.36	1.43

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/14/2010 3:00	20.015951	0.42	0.48
6/14/2010 3:15	20.008444	0.43	0.48
6/14/2010 3:30	19.999292	0.44	0.49
6/14/2010 3:45	19.966328	0.47	0.52
6/14/2010 4:00	19.936697	0.50	0.55
6/14/2010 4:15	19.901554	0.54	0.59
6/14/2010 4:30	19.862223	0.58	0.63
6/14/2010 4:45	19.81819	0.62	0.67
6/14/2010 5:00	19.767797	0.67	0.72
6/14/2010 5:15	19.716434	0.72	0.77
6/14/2010 5:30	19.655199	0.78	0.83
6/14/2010 5:45	19.60037	0.84	0.90
6/14/2010 6:00	19.558641	0.88	0.94
6/14/2010 6:15	19.503344	0.94	1.00
6/14/2010 6:30	19.451506	0.99	1.05
6/14/2010 6:45	19.396976	1.04	1.11
6/14/2010 7:00	19.338144	1.10	1.17
6/14/2010 7:15	19.288256	1.15	1.22
6/14/2010 7:30	19.252562	1.19	1.26
6/14/2010 7:45	19.210194	1.23	1.30
6/14/2010 8:00	19.179312	1.26	1.34
6/14/2010 8:15	19.144957	1.30	1.38
6/14/2010 8:30	19.114262	1.33	1.41
6/14/2010 8:45	19.087889	1.35	1.43
6/14/2010 9:00	19.066635	1.37	1.45
6/14/2010 9:15	19.060366	1.38	1.46
6/14/2010 9:30	19.053207	1.39	1.47
6/14/2010 9:45	19.068619	1.37	1.45
6/14/2010 10:00	19.086834	1.35	1.43
6/14/2010 10:15	19.093369	1.35	1.43
6/14/2010 10:30	19.110266	1.33	1.41
6/14/2010 10:45	19.142626	1.30	1.37
6/14/2010 11:00	19.160931	1.28	1.35
6/14/2010 11:15	19.185526	1.25	1.32
6/14/2010 11:30	19.209551	1.23	1.30
6/14/2010 11:45	19.241516	1.20	1.27
6/14/2010 12:00	19.278215	1.16	1.22
6/14/2010 12:15	19.306911	1.13	1.20
6/14/2010 12:30	19.348417	1.09	1.16
6/14/2010 12:45	19.379093	1.06	1.12
6/14/2010 13:00	19.414217	1.03	1.08
6/14/2010 13:15	19.449121	0.99	1.04
6/14/2010 13:30	19.475433	0.96	1.01
6/14/2010 13:45	19.501966	0.94	0.99
6/14/2010 14:00	19.531187	0.91	0.96
6/14/2010 14:15	19.566027	0.87	0.92
6/14/2010 14:30	19.600027	0.84	0.88
6/14/2010 14:45	19.632856	0.81	0.86
6/14/2010 15:00	19.666077	0.77	0.81
6/14/2010 15:15	19.691879	0.75	0.79
6/14/2010 15:30	19.705927	0.73	0.76
6/14/2010 15:45	19.720636	0.72	0.75
6/14/2010 16:00	19.734785	0.71	0.74
6/14/2010 16:15	19.733599	0.71	0.74
6/14/2010 16:30	19.727762	0.71	0.74
6/14/2010 16:45	19.723129	0.72	0.75
6/14/2010 17:00	19.706358	0.73	0.76
6/14/2010 17:15	19.685444	0.75	0.80
6/14/2010 17:30	19.659937	0.78	0.83
6/14/2010 17:45	19.63818	0.80	0.84
6/14/2010 18:00	19.617092	0.82	0.85
6/14/2010 18:15	19.572666	0.87	0.90
6/14/2010 18:30	19.535353	0.90	0.93
6/14/2010 18:45	19.492203	0.95	0.98
6/14/2010 19:00	19.436312	1.00	1.04
6/14/2010 19:15	19.428808	1.01	1.05
6/14/2010 19:30	19.373585	1.07	1.12
6/14/2010 19:45	19.323635	1.12	1.16
6/14/2010 20:00	19.297726	1.14	1.18

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/14/2010 20:15:00	19.49209	1.03	1.08
6/14/2010 20:30:00	19.484133	1.04	1.09
6/14/2010 20:45:00	19.474611	1.05	1.11
6/14/2010 21:00:00	19.462433	1.06	1.12
6/14/2010 21:15:00	19.457266	1.06	1.14
6/14/2010 21:30:00	19.448629	1.07	1.16
6/14/2010 21:45:00	19.439493	1.08	1.17
6/14/2010 22:00:00	19.429865	1.09	1.19
6/14/2010 22:15:00	19.419952	1.10	1.20
6/14/2010 22:30:00	19.413347	1.11	1.21
6/14/2010 22:45:00	19.411131	1.11	1.23
6/14/2010 23:00:00	19.406458	1.11	1.24
6/14/2010 23:15:00	19.401154	1.12	1.24
6/14/2010 23:30:00	19.399282	1.12	1.24
6/14/2010 23:45:00	19.39893	1.12	1.26
6/15/2010 0:00:00	19.408884	1.11	1.25
6/15/2010 0:15:00	19.407536	1.11	1.26
6/15/2010 0:30:00	19.408817	1.11	1.27
6/15/2010 0:45:00	19.409546	1.11	1.27
6/15/2010 1:00:00	19.413935	1.11	1.27
6/15/2010 1:15:00	19.420017	1.10	1.26
6/15/2010 1:30:00	19.429882	1.09	1.25
6/15/2010 1:45:00	19.436188	1.08	1.25
6/15/2010 2:00:00	19.447351	1.07	1.24
6/15/2010 2:15:00	19.452532	1.07	1.23
6/15/2010 2:30:00	19.463947	1.06	1.22
6/15/2010 2:45:00	19.477451	1.04	1.22
6/15/2010 3:00:00	19.489107	1.03	1.20
6/15/2010 3:15:00	19.497257	1.02	1.19
6/15/2010 3:30:00	19.510988	1.01	1.18
6/15/2010 3:45:00	19.526188	0.99	1.17
6/15/2010 4:00:00	19.541748	0.98	1.17
6/15/2010 4:15:00	19.550184	0.97	1.17
6/15/2010 4:30:00	19.553907	0.97	1.17
6/15/2010 4:45:00	19.561872	0.96	1.16
6/15/2010 5:00:00	19.568617	0.95	1.15
6/15/2010 5:15:00	19.569464	0.95	1.15
6/15/2010 5:30:00	19.575171	0.94	1.16
6/15/2010 5:45:00	19.578085	0.94	1.16
6/15/2010 6:00:00	19.576063	0.94	1.17
6/15/2010 6:15:00	19.575415	0.94	1.18
6/15/2010 6:30:00	19.570148	0.95	1.18
6/15/2010 6:45:00	19.564163	0.96	1.19
6/15/2010 7:00:00	19.554182	0.97	1.21
6/15/2010 7:15:00	19.549145	0.97	1.23
6/15/2010 7:30:00	19.534204	0.99	1.24
6/15/2010 7:45:00	19.520494	1.00	1.26
6/15/2010 8:00:00	19.509665	1.01	1.28
6/15/2010 8:15:00	19.497784	1.02	1.31
6/15/2010 8:30:00	19.482515	1.04	1.32
6/15/2010 8:45:00	19.471491	1.05	1.36
6/15/2010 9:00:00	19.454954	1.07	1.37
6/15/2010 9:15:00	19.43388	1.09	1.39
6/15/2010 9:30:00	19.418369	1.10	1.41
6/15/2010 9:45:00	19.403753	1.12	1.42
6/15/2010 10:00:00	19.39039	1.13	1.44
6/15/2010 10:15:00	19.37875	1.14	1.45
6/15/2010 10:30:00	19.37421	1.15	1.46
6/15/2010 10:45:00	19.367598	1.15	1.48
6/15/2010 11:00:00	19.355988	1.16	1.49
6/15/2010 11:15:00	19.354944	1.17	1.49
6/15/2010 11:30:00	19.348684	1.17	1.51
6/15/2010 11:45:00	19.342098	1.18	1.52
6/15/2010 12:00:00	19.340054	1.18	1.52
6/15/2010 12:15:00	19.33849	1.18	1.53
6/15/2010 12:30:00	19.334396	1.19	1.54
6/15/2010 12:45:00	19.33646	1.18	1.53
6/15/2010 13:00:00	19.342365	1.18	1.53
6/15/2010 13:15:00	19.344662	1.18	1.54

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/14/2010 22:00	19.111706	1.37	1.45
6/14/2010 22:15	19.1022	1.38	1.46
6/14/2010 22:30	19.104527	1.38	1.47
6/14/2010 22:45	19.113955	1.37	1.47
6/14/2010 23:00	19.125656	1.35	1.46
6/14/2010 23:15	19.139944	1.34	1.44
6/14/2010 23:30	19.152876	1.33	1.43
6/14/2010 23:45	19.170467	1.31	1.42
6/15/2010 0:00	19.187744	1.29	1.40
6/15/2010 0:15	19.204592	1.28	1.40
6/15/2010 0:30	19.222391	1.26	1.39
6/15/2010 0:45	19.239801	1.24	1.37
6/15/2010 1:00	19.258547	1.22	1.35
6/15/2010 1:15	19.281176	1.20	1.33
6/15/2010 1:30	19.305405	1.17	1.30
6/15/2010 1:45	19.324909	1.16	1.30
6/15/2010 2:00	19.346693	1.13	1.27
6/15/2010 2:15	19.360811	1.12	1.25
6/15/2010 2:30	19.370344	1.11	1.24
6/15/2010 2:45	19.391659	1.09	1.24
6/15/2010 3:00	19.412262	1.07	1.21
6/15/2010 3:15	19.431171	1.05	1.19
6/15/2010 3:30	19.446945	1.03	1.17
6/15/2010 3:45	19.456503	1.02	1.17
6/15/2010 4:00	19.460384	1.02	1.18
6/15/2010 4:15	19.460651	1.02	1.18
6/15/2010 4:30	19.454832	1.03	1.19
6/15/2010 4:45	19.454947	1.03	1.19
6/15/2010 5:00	19.445896	1.03	1.19
6/15/2010 5:15	19.426424	1.05	1.21
6/15/2010 5:30	19.41618	1.06	1.23
6/15/2010 5:45	19.397783	1.08	1.26
6/15/2010 6:00	19.37974	1.10	1.28
6/15/2010 6:15	19.358156	1.12	1.31
6/15/2010 6:30	19.326874	1.15	1.34
6/15/2010 6:45	19.298574	1.18	1.37
6/15/2010 7:00	19.266199	1.21	1.41
6/15/2010 7:15	19.243628	1.24	1.45
6/15/2010 7:30	19.214466	1.27	1.48
6/15/2010 7:45	19.185772	1.29	1.50
6/15/2010 8:00	19.160843	1.32	1.53
6/15/2010 8:15	19.134497	1.35	1.58
6/15/2010 8:30	19.109955	1.37	1.60
6/15/2010 8:45	19.092276	1.39	1.64
6/15/2010 9:00	19.07288	1.41	1.66
6/15/2010 9:15	19.056604	1.42	1.67
6/15/2010 9:30	19.037283	1.44	1.69
6/15/2010 9:45	19.020802	1.46	1.71
6/15/2010 10:00	19.004532	1.48	1.73
6/15/2010 10:15	19.000521	1.48	1.73
6/15/2010 10:30	19.004099	1.48	1.73
6/15/2010 10:45	19.016705	1.46	1.72
6/15/2010 11:00	19.032694	1.45	1.71
6/15/2010 11:15	19.046871	1.43	1.69
6/15/2010 11:30	19.054386	1.43	1.70
6/15/2010 11:45	19.06098	1.42	1.69
6/15/2010 12:00	19.070499	1.41	1.68
6/15/2010 12:15	19.082964	1.40	1.68
6/15/2010 12:30	19.101072	1.38	1.66
6/15/2010 12:45	19.123423	1.36	1.64
6/15/2010 13:00	19.149984	1.33	1.61
6/15/2010 13:15	19.172318	1.31	1.60
6/15/2010 13:30	19.198622	1.28	1.57
6/15/2010 13:45	19.220098	1.26	1.55
6/15/2010 14:00	19.23822	1.24	1.53
6/15/2010 14:15	19.262253	1.22	1.51
6/15/2010 14:30	19.282795	1.20	1.49
6/15/2010 14:45	19.309126	1.17	1.45
6/15/2010 15:00	19.334593	1.15	1.43

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/14/2010 20:15	19.2446	1.20	1.24
6/14/2010 20:30	19.222826	1.22	1.26
6/14/2010 20:45	19.21167	1.23	1.28
6/14/2010 21:00	19.192564	1.25	1.30
6/14/2010 21:15	19.191242	1.25	1.30
6/14/2010 21:30	19.188803	1.25	1.31
6/14/2010 21:45	19.189943	1.25	1.31
6/14/2010 22:00	19.182796	1.26	1.33
6/14/2010 22:15	19.180607	1.26	1.33
6/14/2010 22:30	19.199469	1.24	1.32
6/14/2010 22:45	19.221678	1.22	1.30
6/14/2010 23:00	19.248781	1.19	1.28
6/14/2010 23:15	19.27685	1.16	1.24
6/14/2010 23:30	19.30228	1.14	1.22
6/14/2010 23:45	19.332136	1.11	1.21
6/15/2010 0:00	19.362085	1.08	1.18
6/15/2010 0:15	19.391474	1.05	1.16
6/15/2010 0:30	19.420061	1.02	1.14
6/15/2010 0:45	19.446335	0.99	1.11
6/15/2010 1:00	19.481915	0.96	1.08
6/15/2010 1:15	19.516529	0.92	1.04
6/15/2010 1:30	19.546947	0.89	1.01
6/15/2010 1:45	19.576654	0.86	0.98
6/15/2010 2:00	19.609396	0.83	0.95
6/15/2010 2:15	19.62756	0.81	0.93
6/15/2010 2:30	19.645491	0.79	0.91
6/15/2010 2:45	19.674639	0.77	0.90
6/15/2010 3:00	19.703421	0.74	0.86
6/15/2010 3:15	19.731663	0.71	0.83
6/15/2010 3:30	19.748035	0.69	0.81
6/15/2010 3:45	19.752567	0.69	0.82
6/15/2010 4:00	19.745726	0.69	0.83
6/15/2010 4:15	19.733534	0.71	0.86
6/15/2010 4:30	19.719915	0.72	0.87
6/15/2010 4:45	19.709461	0.73	0.88
6/15/2010 5:00	19.685072	0.75	0.90
6/15/2010 5:15	19.649902	0.79	0.94
6/15/2010 5:30	19.614212	0.83	0.98
6/15/2010 5:45	19.575241	0.86	1.02
6/15/2010 6:00	19.542955	0.90	1.06
6/15/2010 6:15	19.501013	0.94	1.11
6/15/2010 6:30	19.458506	0.98	1.15
6/15/2010 6:45	19.408947	1.03	1.20
6/15/2010 7:00	19.356552	1.08	1.26
6/15/2010 7:15	19.316166	1.12	1.30
6/15/2010 7:30	19.275949	1.16	1.34
6/15/2010 7:45	19.235575	1.20	1.39
6/15/2010 8:00	19.198774	1.24	1.43
6/15/2010 8:15	19.158525	1.28	1.49
6/15/2010 8:30	19.129669	1.31	1.52
6/15/2010 8:45	19.103451	1.34	1.56
6/15/2010 9:00	19.083906	1.36	1.58
6/15/2010 9:15	19.068991	1.37	1.59
6/15/2010 9:30	19.045391	1.39	1.61
6/15/2010 9:45	19.021393	1.42	1.64
6/15/2010 10:00	19.006304	1.43	1.65
6/15/2010 10:15	19.013363	1.43	1.65
6/15/2010 10:30	19.035505	1.40	1.63
6/15/2010 10:45	19.067087	1.37	1.61
6/15/2010 11:00	19.104996	1.34	1.58
6/15/2010 11:15	19.135731	1.30	1.54
6/15/2010 11:30	19.145067	1.29	1.54
6/15/2010 11:45	19.161243	1.28	1.53
6/15/2010 12:00	19.18079	1.26	1.51
6/15/2010 12:15	19.205271	1.23	1.48
6/15/2010 12:30	19.242931	1.20	1.45
6/15/2010 12:45	19.288807	1.15	1.40
6/15/2010 13:00	19.332153	1.11	1.36
6/15/2010 13:15	19.365356	1.07	1.33

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/15/2010 13:30:00	19.349993	1.17	1.53
6/15/2010 13:45:00	19.353985	1.17	1.53
6/15/2010 14:00:00	19.361139	1.16	1.52
6/15/2010 14:15:00	19.368185	1.15	1.51
6/15/2010 14:30:00	19.376085	1.14	1.50
6/15/2010 14:45:00	19.386946	1.13	1.48
6/15/2010 15:00:00	19.395052	1.12	1.47
6/15/2010 15:15:00	19.409204	1.11	1.46
6/15/2010 15:30:00	19.419592	1.10	1.44
6/15/2010 15:45:00	19.431948	1.09	1.43
6/15/2010 16:00:00	19.451019	1.07	1.41
6/15/2010 16:15:00	19.462248	1.06	1.40
6/15/2010 16:30:00	19.47576	1.04	1.37
6/15/2010 16:45:00	19.494822	1.03	1.36
6/15/2010 17:00:00	19.505156	1.01	1.35
6/15/2010 17:15:00	19.519032	1.00	1.34
6/15/2010 17:30:00	19.531052	0.99	1.32
6/15/2010 17:45:00	19.546103	0.97	1.30
6/15/2010 18:00:00	19.555513	0.96	1.29
6/15/2010 18:15:00	19.562326	0.96	1.29
6/15/2010 18:30:00	19.569431	0.95	1.29
6/15/2010 18:45:00	19.577818	0.94	1.28
6/15/2010 19:00:00	19.58252	0.94	1.28
6/15/2010 19:15:00	19.584808	0.94	1.27
6/15/2010 19:30:00	19.582762	0.94	1.27
6/15/2010 19:45:00	19.585379	0.93	1.27
6/15/2010 20:00:00	19.589558	0.93	1.28
6/15/2010 20:15:00	19.578081	0.94	1.28
6/15/2010 20:30:00	19.570761	0.95	1.29
6/15/2010 20:45:00	19.565689	0.95	1.30
6/15/2010 21:00:00	19.555973	0.96	1.31
6/15/2010 21:15:00	19.543352	0.98	1.33
6/15/2010 21:30:00	19.536852	0.98	1.33
6/15/2010 21:45:00	19.526186	0.99	1.35
6/15/2010 22:00:00	19.518557	1.00	1.36
6/15/2010 22:15:00	19.508154	1.01	1.38
6/15/2010 22:30:00	19.491068	1.03	1.40
6/15/2010 22:45:00	19.488983	1.03	1.41
6/15/2010 23:00:00	19.477213	1.04	1.44
6/15/2010 23:15:00	19.468676	1.05	1.44
6/15/2010 23:30:00	19.468384	1.05	1.45
6/15/2010 23:45:00	19.454725	1.07	1.47
6/16/2010 0:00:00	19.449965	1.07	1.47
6/16/2010 0:15:00	19.440985	1.08	1.48
6/16/2010 0:30:00	19.439898	1.08	1.48
6/16/2010 0:45:00	19.436747	1.08	1.48
6/16/2010 1:00:00	19.441879	1.08	1.48
6/16/2010 1:15:00	19.446533	1.07	1.48
6/16/2010 1:30:00	19.448729	1.07	1.48
6/16/2010 1:45:00	19.450161	1.07	1.47
6/16/2010 2:00:00	19.455433	1.06	1.47
6/16/2010 2:15:00	19.455397	1.06	1.46
6/16/2010 2:30:00	19.460922	1.06	1.45
6/16/2010 2:45:00	19.473722	1.05	1.44
6/16/2010 3:00:00	19.485727	1.03	1.43
6/16/2010 3:15:00	19.485714	1.03	1.42
6/16/2010 3:30:00	19.495205	1.02	1.41
6/16/2010 3:45:00	19.512177	1.01	1.40
6/16/2010 4:00:00	19.516773	1.00	1.40
6/16/2010 4:15:00	19.52458	1.00	1.38
6/16/2010 4:30:00	19.53071	0.99	1.37
6/16/2010 4:45:00	19.541029	0.98	1.36
6/16/2010 5:00:00	19.548801	0.97	1.35
6/16/2010 5:15:00	19.557367	0.96	1.34
6/16/2010 5:30:00	19.555256	0.96	1.35
6/16/2010 5:45:00	19.565918	0.95	1.35
6/16/2010 6:00:00	19.564377	0.96	1.34
6/16/2010 6:15:00	19.564083	0.96	1.36
6/16/2010 6:30:00	19.56332	0.96	1.36

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/15/2010 15:15	19.361557	1.12	1.40
6/15/2010 15:30	19.390644	1.09	1.36
6/15/2010 15:45	19.411356	1.07	1.34
6/15/2010 16:00	19.437269	1.04	1.31
6/15/2010 16:15	19.458801	1.02	1.29
6/15/2010 16:30	19.477982	1.00	1.26
6/15/2010 16:45	19.497156	0.98	1.25
6/15/2010 17:00	19.514801	0.97	1.24
6/15/2010 17:15	19.526091	0.95	1.22
6/15/2010 17:30	19.532974	0.95	1.21
6/15/2010 17:45	19.534271	0.95	1.21
6/15/2010 18:00	19.530762	0.95	1.21
6/15/2010 18:15	19.516222	0.96	1.22
6/15/2010 18:30	19.49481	0.99	1.26
6/15/2010 18:45	19.478327	1.00	1.27
6/15/2010 19:00	19.464396	1.02	1.29
6/15/2010 19:15	19.448851	1.03	1.30
6/15/2010 19:30	19.430941	1.05	1.31
6/15/2010 19:45	19.409473	1.07	1.34
6/15/2010 20:00	19.376711	1.10	1.38
6/15/2010 20:15	19.345572	1.13	1.40
6/15/2010 20:30	19.316319	1.16	1.43
6/15/2010 20:45	19.294094	1.19	1.47
6/15/2010 21:00	19.270948	1.21	1.49
6/15/2010 21:15	19.254332	1.23	1.51
6/15/2010 21:30	19.232573	1.25	1.53
6/15/2010 21:45	19.21089	1.27	1.56
6/15/2010 22:00	19.193115	1.29	1.58
6/15/2010 22:15	19.177465	1.30	1.60
6/15/2010 22:30	19.165068	1.31	1.61
6/15/2010 22:45	19.166426	1.31	1.61
6/15/2010 23:00	19.167135	1.31	1.62
6/15/2010 23:15	19.171076	1.31	1.62
6/15/2010 23:30	19.170334	1.31	1.63
6/15/2010 23:45	19.178066	1.30	1.62
6/16/2010 0:00	19.184998	1.30	1.62
6/16/2010 0:15	19.189913	1.29	1.61
6/16/2010 0:30	19.204041	1.28	1.60
6/16/2010 0:45	19.220627	1.26	1.57
6/16/2010 1:00	19.239103	1.24	1.56
6/16/2010 1:15	19.256222	1.22	1.54
6/16/2010 1:30	19.27062	1.21	1.54
6/16/2010 1:45	19.288015	1.19	1.51
6/16/2010 2:00	19.306927	1.17	1.49
6/16/2010 2:15	19.325089	1.15	1.46
6/16/2010 2:30	19.339481	1.14	1.45
6/16/2010 2:45	19.357553	1.12	1.43
6/16/2010 3:00	19.368593	1.11	1.42
6/16/2010 3:15	19.379179	1.10	1.40
6/16/2010 3:30	19.388811	1.09	1.39
6/16/2010 3:45	19.401907	1.08	1.39
6/16/2010 4:00	19.4147	1.07	1.38
6/16/2010 4:15	19.423447	1.06	1.36
6/16/2010 4:30	19.426672	1.05	1.35
6/16/2010 4:45	19.426456	1.05	1.35
6/16/2010 5:00	19.424349	1.06	1.36
6/16/2010 5:15	19.422215	1.06	1.36
6/16/2010 5:30	19.413145	1.07	1.37
6/16/2010 5:45	19.400942	1.08	1.39
6/16/2010 6:00	19.386549	1.09	1.39
6/16/2010 6:15	19.364084	1.12	1.44
6/16/2010 6:30	19.346691	1.13	1.45
6/16/2010 6:45	19.315536	1.16	1.48
6/16/2010 7:00	19.288435	1.19	1.49
6/16/2010 7:15	19.262526	1.22	1.53
6/16/2010 7:30	19.22719	1.25	1.56
6/16/2010 7:45	19.19623	1.28	1.59
6/16/2010 8:00	19.164242	1.32	1.63
6/16/2010 8:15	19.134983	1.35	1.66

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/15/2010 13:30	19.398586	1.04	1.30
6/15/2010 13:45	19.432882	1.01	1.27
6/15/2010 14:00	19.459467	0.98	1.24
6/15/2010 14:15	19.497728	0.94	1.20
6/15/2010 14:30	19.542433	0.90	1.16
6/15/2010 14:45	19.585379	0.85	1.10
6/15/2010 15:00	19.621416	0.82	1.07
6/15/2010 15:15	19.664764	0.78	1.03
6/15/2010 15:30	19.702396	0.74	0.99
6/15/2010 15:45	19.734449	0.71	0.96
6/15/2010 16:00	19.769373	0.67	0.92
6/15/2010 16:15	19.800232	0.64	0.89
6/15/2010 16:30	19.823458	0.62	0.86
6/15/2010 16:45	19.844744	0.60	0.85
6/15/2010 17:00	19.861254	0.58	0.83
6/15/2010 17:15	19.869452	0.57	0.82
6/15/2010 17:30	19.863394	0.58	0.82
6/15/2010 17:45	19.853731	0.59	0.83
6/15/2010 18:00	19.832426	0.61	0.85
6/15/2010 18:15	19.793409	0.65	0.89
6/15/2010 18:30	19.759386	0.68	0.93
6/15/2010 18:45	19.722431	0.72	0.97
6/15/2010 19:00	19.689938	0.75	1.00
6/15/2010 19:15	19.661489	0.78	1.03
6/15/2010 19:30	19.625103	0.81	1.05
6/15/2010 19:45	19.581175	0.86	1.11
6/15/2010 20:00	19.52405	0.92	1.17
6/15/2010 20:15	19.470343	0.97	1.22
6/15/2010 20:30	19.427326	1.01	1.26
6/15/2010 20:45	19.391277	1.05	1.30
6/15/2010 21:00	19.366241	1.07	1.32
6/15/2010 21:15	19.339996	1.10	1.35
6/15/2010 21:30	19.311277	1.13	1.38
6/15/2010 21:45	19.281385	1.16	1.42
6/15/2010 22:00	19.253202	1.19	1.45
6/15/2010 22:15	19.237808	1.20	1.47
6/15/2010 22:30	19.229101	1.21	1.48
6/15/2010 22:45	19.231388	1.21	1.49
6/15/2010 23:00	19.245148	1.19	1.47
6/15/2010 23:15	19.260422	1.18	1.46
6/15/2010 23:30	19.271189	1.17	1.46
6/15/2010 23:45	19.291029	1.15	1.44
6/16/2010 0:00	19.310087	1.13	1.42
6/16/2010 0:15	19.32073	1.12	1.41
6/16/2010 0:30	19.355379	1.08	1.37
6/16/2010 0:45	19.389109	1.05	1.33
6/16/2010 1:00	19.416162	1.02	1.31
6/16/2010 1:15	19.446989	0.99	1.28
6/16/2010 1:30	19.475811	0.96	1.26
6/16/2010 1:45	19.503628	0.94	1.23
6/16/2010 2:00	19.530962	0.91	1.20
6/16/2010 2:15	19.556898	0.88	1.16
6/16/2010 2:30	19.582516	0.86	1.14
6/16/2010 2:45	19.598522	0.84	1.12
6/16/2010 3:00	19.607365	0.83	1.11
6/16/2010 3:15	19.628172	0.81	1.09
6/16/2010 3:30	19.649073	0.79	1.07
6/16/2010 3:45	19.663059	0.78	1.06
6/16/2010 4:00	19.679487	0.76	1.04
6/16/2010 4:15	19.685575	0.75	1.03
6/16/2010 4:30	19.682306	0.76	1.04
6/16/2010 4:45	19.675476	0.76	1.04
6/16/2010 5:00	19.663965	0.78	1.06
6/16/2010 5:15	19.655107	0.78	1.06
6/16/2010 5:30	19.629276	0.81	1.09
6/16/2010 5:45	19.606686	0.83	1.11
6/16/2010 6:00	19.573009	0.87	1.15
6/16/2010 6:15	19.527664	0.91	1.20
6/16/2010 6:30	19.484369	0.96	1.25

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/16/2010 6:45:00	19.554409	0.97	1.37
6/16/2010 7:00:00	19.537535	0.98	1.36
6/16/2010 7:15:00	19.535368	0.98	1.38
6/16/2010 7:30:00	19.529894	0.99	1.38
6/16/2010 7:45:00	19.515549	1.00	1.40
6/16/2010 8:00:00	19.503017	1.02	1.41
6/16/2010 8:15:00	19.484985	1.04	1.43
6/16/2010 8:30:00	19.471834	1.05	1.45
6/16/2010 8:45:00	19.446758	1.07	1.47
6/16/2010 9:00:00	19.43154	1.09	1.47
6/16/2010 9:15:00	19.416342	1.10	1.49
6/16/2010 9:30:00	19.405836	1.11	1.52
6/16/2010 9:45:00	19.365234	1.15	1.54
6/16/2010 10:00:00	19.344038	1.18	1.54
6/16/2010 10:15:00	19.340181	1.18	1.55
6/16/2010 10:30:00	19.321583	1.20	1.57
6/16/2010 10:45:00	19.293406	1.23	1.59
6/16/2010 11:00:00	19.272707	1.25	1.61
6/16/2010 11:15:00	19.25079	1.27	1.63
6/16/2010 11:30:00	19.237574	1.28	1.63
6/16/2010 11:45:00	19.225073	1.29	1.64
6/16/2010 12:00:00	19.206099	1.31	1.65
6/16/2010 12:15:00	19.194035	1.33	1.65
6/16/2010 12:30:00	19.189318	1.33	1.66
6/16/2010 12:45:00	19.180084	1.34	1.68
6/16/2010 13:00:00	19.166395	1.35	1.67
6/16/2010 13:15:00	19.162933	1.36	1.68
6/16/2010 13:30:00	19.150818	1.37	1.68
6/16/2010 13:45:00	19.147726	1.37	1.67
6/16/2010 14:00:00	19.142492	1.38	1.66
6/16/2010 14:15:00	19.142345	1.38	1.66
6/16/2010 14:30:00	19.137665	1.38	1.66
6/16/2010 14:45:00	19.139566	1.38	1.66
6/16/2010 15:00:00	19.138838	1.38	1.65
6/16/2010 15:15:00	19.148556	1.37	1.64
6/16/2010 15:30:00	19.139147	1.38	1.62
6/16/2010 15:45:00	19.142933	1.38	1.61
6/16/2010 16:00:00	19.141176	1.38	1.60
6/16/2010 16:15:00	19.152103	1.37	1.58
6/16/2010 16:30:00	19.152525	1.37	1.57
6/16/2010 16:45:00	19.161749	1.36	1.56
6/16/2010 17:00:00	19.170832	1.35	1.54
6/16/2010 17:15:00	19.178679	1.34	1.52
6/16/2010 17:30:00	19.190327	1.33	1.51
6/16/2010 17:45:00	19.202147	1.32	1.50
6/16/2010 18:00:00	19.211737	1.31	1.48
6/16/2010 18:15:00	19.217829	1.30	1.46
6/16/2010 18:30:00	19.227304	1.29	1.44
6/16/2010 18:45:00	19.245615	1.27	1.43
6/16/2010 19:00:00	19.260214	1.26	1.43
6/16/2010 19:15:00	19.264492	1.26	1.43
6/16/2010 19:30:00	19.272928	1.25	1.41
6/16/2010 19:45:00	19.282227	1.24	1.41
6/16/2010 20:00:00	19.283804	1.24	1.41
6/16/2010 20:15:00	19.282368	1.24	1.40
6/16/2010 20:30:00	19.284466	1.24	1.39
6/16/2010 20:45:00	19.28121	1.24	1.39
6/16/2010 21:00:00	19.275473	1.24	1.39
6/16/2010 21:15:00	19.273663	1.25	1.38
6/16/2010 21:30:00	19.266827	1.25	1.39
6/16/2010 21:45:00	19.256435	1.26	1.39
6/16/2010 22:00:00	19.249346	1.27	1.40
6/16/2010 22:15:00	19.245535	1.27	1.40
6/16/2010 22:30:00	19.232615	1.29	1.41
6/16/2010 22:45:00	19.223265	1.30	1.42
6/16/2010 23:00:00	19.210407	1.31	1.43
6/16/2010 23:15:00	19.205904	1.31	1.44
6/16/2010 23:30:00	19.197693	1.32	1.44
6/16/2010 23:45:00	19.186214	1.33	1.45

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/16/2010 8:30	19.105595	1.37	1.69
6/16/2010 8:45	19.066446	1.41	1.72
6/16/2010 9:00	19.036392	1.44	1.74
6/16/2010 9:15	19.002884	1.48	1.78
6/16/2010 9:30	18.975065	1.50	1.82
6/16/2010 9:45	18.954117	1.53	1.83
6/16/2010 10:00	18.918652	1.56	1.85
6/16/2010 10:15	18.905315	1.57	1.87
6/16/2010 10:30	18.87929	1.60	1.90
6/16/2010 10:45	18.85664	1.62	1.91
6/16/2010 11:00	18.836857	1.64	1.93
6/16/2010 11:15	18.832895	1.65	1.94
6/16/2010 11:30	18.837162	1.64	1.92
6/16/2010 11:45	18.837389	1.64	1.92
6/16/2010 12:00	18.841578	1.64	1.91
6/16/2010 12:15	18.842773	1.64	1.90
6/16/2010 12:30	18.850582	1.63	1.89
6/16/2010 12:45	18.858173	1.62	1.89
6/16/2010 13:00	18.864695	1.62	1.87
6/16/2010 13:15	18.878805	1.60	1.85
6/16/2010 13:30	18.891108	1.59	1.84
6/16/2010 13:45	18.904587	1.58	1.82
6/16/2010 14:00	18.909824	1.57	1.80
6/16/2010 14:15	18.916096	1.56	1.79
6/16/2010 14:30	18.934071	1.55	1.77
6/16/2010 14:45	18.967615	1.51	1.73
6/16/2010 15:00	19.00111	1.48	1.69
6/16/2010 15:15	19.030752	1.45	1.66
6/16/2010 15:30	19.036909	1.44	1.64
6/16/2010 15:45	19.046112	1.43	1.62
6/16/2010 16:00	19.060625	1.42	1.60
6/16/2010 16:15	19.080173	1.40	1.57
6/16/2010 16:30	19.105635	1.37	1.53
6/16/2010 16:45	19.133463	1.35	1.51
6/16/2010 17:00	19.160536	1.32	1.48
6/16/2010 17:15	19.179903	1.30	1.45
6/16/2010 17:30	19.195745	1.28	1.43
6/16/2010 17:45	19.209009	1.27	1.42
6/16/2010 18:00	19.219923	1.26	1.40
6/16/2010 18:15	19.233335	1.25	1.38
6/16/2010 18:30	19.236162	1.24	1.36
6/16/2010 18:45	19.236698	1.24	1.37
6/16/2010 19:00	19.23712	1.24	1.38
6/16/2010 19:15	19.227345	1.25	1.39
6/16/2010 19:30	19.217121	1.26	1.39
6/16/2010 19:45	19.209217	1.27	1.41
6/16/2010 20:00	19.197922	1.28	1.42
6/16/2010 20:15	19.179413	1.30	1.43
6/16/2010 20:30	19.153091	1.33	1.46
6/16/2010 20:45	19.126633	1.35	1.47
6/16/2010 21:00	19.10005	1.38	1.50
6/16/2010 21:15	19.076029	1.40	1.51
6/16/2010 21:30	19.051378	1.43	1.54
6/16/2010 21:45	19.02305	1.46	1.57
6/16/2010 22:00	19.001364	1.48	1.59
6/16/2010 22:15	18.981676	1.50	1.61
6/16/2010 22:30	18.964046	1.52	1.63
6/16/2010 22:45	18.955709	1.52	1.63
6/16/2010 23:00	18.942947	1.54	1.64
6/16/2010 23:15	18.933346	1.55	1.66
6/16/2010 23:30	18.931673	1.55	1.65
6/16/2010 23:45	18.91983	1.56	1.66
6/17/2010 0:00	18.919666	1.56	1.65
6/17/2010 0:15	18.92009	1.56	1.65
6/17/2010 0:30	18.926348	1.55	1.65
6/17/2010 0:45	18.944118	1.54	1.64
6/17/2010 1:00	18.956293	1.52	1.62
6/17/2010 1:15	18.970972	1.51	1.60
6/17/2010 1:30	18.986004	1.49	1.58

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/16/2010 6:45	19.433371	1.01	1.30
6/16/2010 7:00	19.394159	1.05	1.33
6/16/2010 7:15	19.353363	1.09	1.37
6/16/2010 7:30	19.299442	1.14	1.42
6/16/2010 7:45	19.258028	1.18	1.46
6/16/2010 8:00	19.208141	1.23	1.51
6/16/2010 8:15	19.161974	1.28	1.56
6/16/2010 8:30	19.11965	1.32	1.61
6/16/2010 8:45	19.060709	1.38	1.66
6/16/2010 9:00	19.022648	1.42	1.70
6/16/2010 9:15	18.971828	1.47	1.75
6/16/2010 9:30	18.93475	1.51	1.80
6/16/2010 9:45	18.925085	1.51	1.79
6/16/2010 10:00	18.884876	1.56	1.82
6/16/2010 10:15	18.86899	1.57	1.84
6/16/2010 10:30	18.830524	1.61	1.88
6/16/2010 10:45	18.807308	1.63	1.89
6/16/2010 11:00	18.785246	1.65	1.91
6/16/2010 11:15	18.805073	1.63	1.89
6/16/2010 11:30	18.827234	1.61	1.86
6/16/2010 11:45	18.838526	1.60	1.85
6/16/2010 12:00	18.857702	1.58	1.83
6/16/2010 12:15	18.868032	1.57	1.81
6/16/2010 12:30	18.886707	1.55	1.79
6/16/2010 12:45	18.908136	1.53	1.78
6/16/2010 13:00	18.927313	1.51	1.74
6/16/2010 13:15	18.958004	1.48	1.71
6/16/2010 13:30	18.989111	1.45	1.67
6/16/2010 13:45	19.014469	1.43	1.65
6/16/2010 14:00	19.021326	1.42	1.63
6/16/2010 14:15	19.03306	1.41	1.62
6/16/2010 14:30	19.072876	1.37	1.57
6/16/2010 14:45	19.139145	1.30	1.50
6/16/2010 15:00	19.1985	1.24	1.43
6/16/2010 15:15	19.236593	1.20	1.39
6/16/2010 15:30	19.253084	1.19	1.37
6/16/2010 15:45	19.262054	1.18	1.35
6/16/2010 16:00	19.281637	1.16	1.32
6/16/2010 16:15	19.320019	1.12	1.27
6/16/2010 16:30	19.367832	1.07	1.22
6/16/2010 16:45	19.40723	1.03	1.18
6/16/2010 17:00	19.447969	0.99	1.13
6/16/2010 17:15	19.472666	0.97	1.10
6/16/2010 17:30	19.490492	0.95	1.08
6/16/2010 17:45	19.504854	0.94	1.07
6/16/2010 18:00	19.513685	0.93	1.05
6/16/2010 18:15	19.528341	0.91	1.03
6/16/2010 18:30	19.518583	0.92	1.03
6/16/2010 18:45	19.507502	0.93	1.05
6/16/2010 19:00	19.492832	0.95	1.07
6/16/2010 19:15	19.462893	0.98	1.10
6/16/2010 19:30	19.453634	0.99	1.11
6/16/2010 19:45	19.430979	1.01	1.13
6/16/2010 20:00	19.402531	1.04	1.16
6/16/2010 20:15	19.365854	1.07	1.19
6/16/2010 20:30	19.316025	1.12	1.24
6/16/2010 20:45	19.269506	1.17	1.28
6/16/2010 21:00	19.223188	1.22	1.33
6/16/2010 21:15	19.180933	1.26	1.36
6/16/2010 21:30	19.145981	1.29	1.39
6/16/2010 21:45	19.104788	1.34	1.43
6/16/2010 22:00	19.07147	1.37	1.46
6/16/2010 22:15	19.048201	1.39	1.48
6/16/2010 22:30	19.021811	1.42	1.51
6/16/2010 22:45	19.02092	1.42	1.51
6/16/2010 23:00	19.008816	1.43	1.51
6/16/2010 23:15	19.001947	1.44	1.53
6/16/2010 23:30	18.997942	1.44	1.52
6/16/2010 23:45	18.982473	1.46	1.54

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/17/2010 0:00:00	19.181152	1.34	1.44
6/17/2010 0:15:00	19.173628	1.35	1.45
6/17/2010 0:30:00	19.168394	1.35	1.47
6/17/2010 0:45:00	19.164507	1.36	1.47
6/17/2010 1:00:00	19.1681	1.35	1.47
6/17/2010 1:15:00	19.167465	1.35	1.46
6/17/2010 1:30:00	19.171789	1.35	1.45
6/17/2010 1:45:00	19.168686	1.35	1.46
6/17/2010 2:00:00	19.17399	1.35	1.45
6/17/2010 2:15:00	19.177906	1.34	1.44
6/17/2010 2:30:00	19.184475	1.34	1.43
6/17/2010 2:45:00	19.193027	1.33	1.41
6/17/2010 3:00:00	19.202486	1.32	1.40
6/17/2010 3:15:00	19.217672	1.30	1.40
6/17/2010 3:30:00	19.224792	1.30	1.38
6/17/2010 3:45:00	19.23782	1.28	1.37
6/17/2010 4:00:00	19.247023	1.27	1.37
6/17/2010 4:15:00	19.261028	1.26	1.35
6/17/2010 4:30:00	19.271509	1.25	1.33
6/17/2010 4:45:00	19.285387	1.23	1.33
6/17/2010 5:00:00	19.300228	1.22	1.33
6/17/2010 5:15:00	19.314575	1.21	1.32
6/17/2010 5:30:00	19.326157	1.19	1.31
6/17/2010 5:45:00	19.335829	1.18	1.30
6/17/2010 6:00:00	19.348993	1.17	1.30
6/17/2010 6:15:00	19.360504	1.16	1.29
6/17/2010 6:30:00	19.368134	1.15	1.27
6/17/2010 6:45:00	19.378054	1.14	1.27
6/17/2010 7:00:00	19.385601	1.13	1.26
6/17/2010 7:15:00	19.395538	1.12	1.25
6/17/2010 7:30:00	19.399824	1.12	1.25
6/17/2010 7:45:00	19.405115	1.11	1.25
6/17/2010 8:00:00	19.406843	1.11	1.24
6/17/2010 8:15:00	19.410793	1.11	1.25
6/17/2010 8:30:00	19.411844	1.11	1.24
6/17/2010 8:45:00	19.409206	1.11	1.24
6/17/2010 9:00:00	19.407495	1.11	1.24
6/17/2010 9:15:00	19.405676	1.11	1.23
6/17/2010 9:30:00	19.402328	1.12	1.24
6/17/2010 9:45:00	19.394535	1.13	1.24
6/17/2010 10:00:00	19.391218	1.13	1.26
6/17/2010 10:15:00	19.379267	1.14	1.26
6/17/2010 10:30:00	19.372938	1.15	1.26
6/17/2010 10:45:00	19.36824	1.15	1.28
6/17/2010 11:00:00	19.360716	1.16	1.28
6/17/2010 11:15:00	19.352299	1.17	1.29
6/17/2010 11:30:00	19.347713	1.17	1.30
6/17/2010 11:45:00	19.339321	1.18	1.31
6/17/2010 12:00:00	19.334936	1.19	1.31
6/17/2010 12:15:00	19.331776	1.19	1.33
6/17/2010 12:30:00	19.328045	1.19	1.33
6/17/2010 12:45:00	19.324034	1.20	1.33
6/17/2010 13:00:00	19.323612	1.20	1.33
6/17/2010 13:15:00	19.321249	1.20	1.34
6/17/2010 13:30:00	19.323824	1.20	1.33
6/17/2010 13:45:00	19.330713	1.19	1.33
6/17/2010 14:00:00	19.333189	1.19	1.32
6/17/2010 14:15:00	19.339602	1.18	1.32
6/17/2010 14:30:00	19.347811	1.17	1.31
6/17/2010 14:45:00	19.357924	1.16	1.30
6/17/2010 15:00:00	19.366804	1.15	1.29
6/17/2010 15:15:00	19.38339	1.14	1.27
6/17/2010 15:30:00	19.393862	1.13	1.26
6/17/2010 15:45:00	19.406618	1.11	1.25
6/17/2010 16:00:00	19.424801	1.10	1.24
6/17/2010 16:15:00	19.433363	1.09	1.22
6/17/2010 16:30:00	19.448805	1.07	1.21
6/17/2010 16:45:00	19.464813	1.06	1.20
6/17/2010 17:00:00	19.480312	1.04	1.19

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/17/2010 1:45	18.998627	1.48	1.57
6/17/2010 2:00	19.022352	1.46	1.55
6/17/2010 2:15	19.039686	1.44	1.52
6/17/2010 2:30	19.057398	1.42	1.50
6/17/2010 2:45	19.083088	1.40	1.47
6/17/2010 3:00	19.102535	1.38	1.45
6/17/2010 3:15	19.125851	1.35	1.43
6/17/2010 3:30	19.150818	1.33	1.40
6/17/2010 3:45	19.169012	1.31	1.38
6/17/2010 4:00	19.186796	1.29	1.37
6/17/2010 4:15	19.207058	1.27	1.35
6/17/2010 4:30	19.225965	1.25	1.32
6/17/2010 4:45	19.247675	1.23	1.31
6/17/2010 5:00	19.268602	1.21	1.30
6/17/2010 5:15	19.283945	1.20	1.30
6/17/2010 5:30	19.300541	1.18	1.28
6/17/2010 5:45	19.317348	1.16	1.26
6/17/2010 6:00	19.333118	1.15	1.26
6/17/2010 6:15	19.339262	1.14	1.25
6/17/2010 6:30	19.340754	1.14	1.24
6/17/2010 6:45	19.342182	1.14	1.25
6/17/2010 7:00	19.335327	1.14	1.25
6/17/2010 7:15	19.325968	1.15	1.26
6/17/2010 7:30	19.320404	1.16	1.27
6/17/2010 7:45	19.310398	1.17	1.28
6/17/2010 8:00	19.294525	1.19	1.30
6/17/2010 8:15	19.281511	1.20	1.31
6/17/2010 8:30	19.258291	1.22	1.33
6/17/2010 8:45	19.24505	1.23	1.34
6/17/2010 9:00	19.224573	1.26	1.37
6/17/2010 9:15	19.202576	1.28	1.38
6/17/2010 9:30	19.186686	1.29	1.40
6/17/2010 9:45	19.164839	1.32	1.42
6/17/2010 10:00	19.145323	1.33	1.44
6/17/2010 10:15	19.120375	1.36	1.46
6/17/2010 10:30	19.107214	1.37	1.47
6/17/2010 10:45	19.096706	1.38	1.49
6/17/2010 11:00	19.085407	1.39	1.49
6/17/2010 11:15	19.080095	1.40	1.51
6/17/2010 11:30	19.075903	1.40	1.51
6/17/2010 11:45	19.071226	1.41	1.52
6/17/2010 12:00	19.081572	1.40	1.51
6/17/2010 12:15	19.083002	1.40	1.51
6/17/2010 12:30	19.08547	1.39	1.50
6/17/2010 12:45	19.099487	1.38	1.49
6/17/2010 13:00	19.113972	1.37	1.48
6/17/2010 13:15	19.121357	1.36	1.47
6/17/2010 13:30	19.132233	1.35	1.46
6/17/2010 13:45	19.155054	1.32	1.43
6/17/2010 14:00	19.177263	1.30	1.41
6/17/2010 14:15	19.200186	1.28	1.39
6/17/2010 14:30	19.222244	1.26	1.37
6/17/2010 14:45	19.244612	1.24	1.35
6/17/2010 15:00	19.265484	1.21	1.32
6/17/2010 15:15	19.296764	1.18	1.29
6/17/2010 15:30	19.325069	1.15	1.26
6/17/2010 15:45	19.35318	1.13	1.24
6/17/2010 16:00	19.384687	1.10	1.22
6/17/2010 16:15	19.415527	1.06	1.17
6/17/2010 16:30	19.443659	1.04	1.15
6/17/2010 16:45	19.476669	1.00	1.12
6/17/2010 17:00	19.505274	0.97	1.09
6/17/2010 17:15	19.532806	0.95	1.08
6/17/2010 17:30	19.564362	0.92	1.05
6/17/2010 17:45	19.598385	0.88	1.02
6/17/2010 18:00	19.620123	0.86	1.00
6/17/2010 18:15	19.644409	0.84	0.99
6/17/2010 18:30	19.6633	0.82	0.98
6/17/2010 18:45	19.681017	0.80	0.96

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/17/2010 0:00	18.992863	1.45	1.53
6/17/2010 0:15	19.001148	1.44	1.52
6/17/2010 0:30	19.030254	1.41	1.49
6/17/2010 0:45	19.06838	1.37	1.45
6/17/2010 1:00	19.08939	1.35	1.43
6/17/2010 1:15	19.117399	1.32	1.40
6/17/2010 1:30	19.139771	1.30	1.38
6/17/2010 1:45	19.166403	1.27	1.35
6/17/2010 2:00	19.20142	1.24	1.32
6/17/2010 2:15	19.232805	1.21	1.28
6/17/2010 2:30	19.271027	1.17	1.24
6/17/2010 2:45	19.304638	1.14	1.20
6/17/2010 3:00	19.338243	1.10	1.16
6/17/2010 3:15	19.37591	1.06	1.13
6/17/2010 3:30	19.398829	1.04	1.10
6/17/2010 3:45	19.423523	1.02	1.08
6/17/2010 4:00	19.448975	0.99	1.06
6/17/2010 4:15	19.478354	0.96	1.03
6/17/2010 4:30	19.513063	0.93	0.99
6/17/2010 4:45	19.539219	0.90	0.97
6/17/2010 5:00	19.564861	0.88	0.96
6/17/2010 5:15	19.58592	0.85	0.93
6/17/2010 5:30	19.601217	0.84	0.92
6/17/2010 5:45	19.624182	0.82	0.90
6/17/2010 6:00	19.634417	0.81	0.90
6/17/2010 6:15	19.641546	0.80	0.89
6/17/2010 6:30	19.63497	0.81	0.89
6/17/2010 6:45	19.618708	0.82	0.91
6/17/2010 7:00	19.605921	0.83	0.92
6/17/2010 7:15	19.582476	0.86	0.95
6/17/2010 7:30	19.561327	0.88	0.97
6/17/2010 7:45	19.534607	0.91	1.01
6/17/2010 8:00	19.504278	0.94	1.03
6/17/2010 8:15	19.475569	0.96	1.06
6/17/2010 8:30	19.445639	0.99	1.08
6/17/2010 8:45	19.419691	1.02	1.11
6/17/2010 9:00	19.381378	1.06	1.15
6/17/2010 9:15	19.347094	1.09	1.17
6/17/2010 9:30	19.322174	1.12	1.21
6/17/2010 9:45	19.289198	1.15	1.23
6/17/2010 10:00	19.24593	1.19	1.28
6/17/2010 10:15	19.219961	1.22	1.30
6/17/2010 10:30	19.208481	1.23	1.31
6/17/2010 10:45	19.194157	1.25	1.34
6/17/2010 11:00	19.181442	1.26	1.34
6/17/2010 11:15	19.180775	1.26	1.35
6/17/2010 11:30	19.161394	1.28	1.37
6/17/2010 11:45	19.168272	1.27	1.36
6/17/2010 12:00	19.197805	1.24	1.33
6/17/2010 12:15	19.20001	1.24	1.34
6/17/2010 12:30	19.220617	1.22	1.32
6/17/2010 12:45	19.251898	1.19	1.29
6/17/2010 13:00	19.278416	1.16	1.26
6/17/2010 13:15	19.2876	1.15	1.25
6/17/2010 13:30	19.301468	1.14	1.24
6/17/2010 13:45	19.351389	1.09	1.19
6/17/2010 14:00	19.382462	1.06	1.16
6/17/2010 14:15	19.42568	1.01	1.11
6/17/2010 14:30	19.464878	0.98	1.08
6/17/2010 14:45	19.491274	0.95	1.05
6/17/2010 15:00	19.529507	0.91	1.01
6/17/2010 15:15	19.575008	0.86	0.96
6/17/2010 15:30	19.612026	0.83	0.93
6/17/2010 15:45	19.66061	0.78	0.88
6/17/2010 16:00	19.703796	0.74	0.85
6/17/2010 16:15	19.756649	0.68	0.78
6/17/2010 16:30	19.799021	0.64	0.74
6/17/2010 16:45	19.845581	0.59	0.70
6/17/2010 17:00	19.883673	0.56	0.67

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/17/2010 17:15:00	19.494745	1.03	1.18
6/17/2010 17:30:00	19.508936	1.01	1.17
6/17/2010 17:45:00	19.521353	1.00	1.17
6/17/2010 18:00:00	19.532553	0.99	1.16
6/17/2010 18:15:00	19.551985	0.97	1.15
6/17/2010 18:30:00	19.56283	0.96	1.15
6/17/2010 18:45:00	19.581217	0.94	1.13
6/17/2010 19:00:00	19.586338	0.93	1.12
6/17/2010 19:15:00	19.603119	0.92	1.12
6/17/2010 19:30:00	19.613886	0.91	1.12
6/17/2010 19:45:00	19.622103	0.90	1.11
6/17/2010 20:00:00	19.628922	0.89	1.10
6/17/2010 20:15:00	19.642147	0.88	1.09
6/17/2010 20:30:00	19.646605	0.87	1.10
6/17/2010 20:45:00	19.651579	0.87	1.10
6/17/2010 21:00:00	19.659094	0.86	1.10
6/17/2010 21:15:00	19.659794	0.86	1.10
6/17/2010 21:30:00	19.671774	0.85	1.10
6/17/2010 21:45:00	19.672283	0.85	1.11
6/17/2010 22:00:00	19.675371	0.84	1.13
6/17/2010 22:15:00	19.674625	0.85	1.14
6/17/2010 22:30:00	19.671862	0.85	1.14
6/17/2010 22:45:00	19.668501	0.85	1.16
6/17/2010 23:00:00	19.667822	0.85	1.16
6/17/2010 23:15:00	19.667425	0.85	1.17
6/17/2010 23:30:00	19.66482	0.86	1.18
6/17/2010 23:45:00	19.657423	0.86	1.19
6/18/2010 0:00:00	19.660353	0.86	1.19
6/18/2010 0:15:00	19.664011	0.86	1.20
6/18/2010 0:30:00	19.659163	0.86	1.20
6/18/2010 0:45:00	19.652206	0.87	1.20
6/18/2010 1:00:00	19.651306	0.87	1.20
6/18/2010 1:15:00	19.648905	0.87	1.21
6/18/2010 1:30:00	19.649103	0.87	1.20
6/18/2010 1:45:00	19.649347	0.87	1.19
6/18/2010 2:00:00	19.649553	0.87	1.20
6/18/2010 2:15:00	19.656935	0.86	1.19
6/18/2010 2:30:00	19.6619	0.86	1.19
6/18/2010 2:45:00	19.670198	0.85	1.18
6/18/2010 3:00:00	19.673107	0.85	1.18
6/18/2010 3:15:00	19.679913	0.84	1.17
6/18/2010 3:30:00	19.684067	0.84	1.16
6/18/2010 3:45:00	19.69248	0.83	1.16
6/18/2010 4:00:00	19.696909	0.82	1.15
6/18/2010 4:15:00	19.70698	0.81	1.14
6/18/2010 4:30:00	19.711618	0.81	1.15
6/18/2010 4:45:00	19.71735	0.80	1.13
6/18/2010 5:00:00	19.727007	0.79	1.12
6/18/2010 5:15:00	19.735487	0.78	1.13
6/18/2010 5:30:00	19.739447	0.78	1.13
6/18/2010 5:45:00	19.750538	0.77	1.12
6/18/2010 6:00:00	19.753647	0.77	1.13
6/18/2010 6:15:00	19.758738	0.76	1.13
6/18/2010 6:30:00	19.768637	0.75	1.12
6/18/2010 6:45:00	19.777466	0.74	1.12
6/18/2010 7:00:00	19.77585	0.74	1.13
6/18/2010 7:15:00	19.790432	0.73	1.12
6/18/2010 7:30:00	19.79286	0.73	1.13
6/18/2010 7:45:00	19.792324	0.73	1.12
6/18/2010 8:00:00	19.796759	0.72	1.13
6/18/2010 8:15:00	19.802189	0.72	1.12
6/18/2010 8:30:00	19.802347	0.72	1.12
6/18/2010 8:45:00	19.804815	0.72	1.12
6/18/2010 9:00:00	19.806585	0.71	1.12
6/18/2010 9:15:00	19.806845	0.71	1.12
6/18/2010 9:30:00	19.802551	0.72	1.12
6/18/2010 9:45:00	19.802229	0.72	1.11
6/18/2010 10:00:00	19.799936	0.72	1.10
6/18/2010 10:15:00	19.796412	0.72	1.12

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/17/2010 19:00	19.691572	0.79	0.95
6/17/2010 19:15	19.701977	0.78	0.94
6/17/2010 19:30	19.706274	0.77	0.94
6/17/2010 19:45	19.698118	0.78	0.95
6/17/2010 20:00	19.693476	0.79	0.96
6/17/2010 20:15	19.685123	0.79	0.96
6/17/2010 20:30	19.66831	0.81	0.99
6/17/2010 20:45	19.650412	0.83	1.02
6/17/2010 21:00	19.635818	0.84	1.04
6/17/2010 21:15	19.616079	0.86	1.06
6/17/2010 21:30	19.603567	0.88	1.09
6/17/2010 21:45	19.581264	0.90	1.11
6/17/2010 22:00	19.557835	0.92	1.15
6/17/2010 22:15	19.539249	0.94	1.18
6/17/2010 22:30	19.513052	0.97	1.21
6/17/2010 22:45	19.483847	1.00	1.25
6/17/2010 23:00	19.462631	1.02	1.27
6/17/2010 23:15	19.450594	1.03	1.28
6/17/2010 23:30	19.448561	1.03	1.29
6/17/2010 23:45	19.453024	1.03	1.29
6/18/2010 0:00	19.465551	1.01	1.27
6/18/2010 0:15	19.463919	1.02	1.29
6/18/2010 0:30	19.452957	1.03	1.30
6/18/2010 0:45	19.441565	1.04	1.30
6/18/2010 1:00	19.435652	1.04	1.30
6/18/2010 1:15	19.437231	1.04	1.31
6/18/2010 1:30	19.443691	1.04	1.30
6/18/2010 1:45	19.466385	1.01	1.26
6/18/2010 2:00	19.487261	0.99	1.25
6/18/2010 2:15	19.503679	0.98	1.24
6/18/2010 2:30	19.525282	0.95	1.21
6/18/2010 2:45	19.537952	0.94	1.20
6/18/2010 3:00	19.550076	0.93	1.19
6/18/2010 3:15	19.567753	0.91	1.17
6/18/2010 3:30	19.585196	0.89	1.15
6/18/2010 3:45	19.612143	0.87	1.13
6/18/2010 4:00	19.633236	0.85	1.11
6/18/2010 4:15	19.652599	0.83	1.09
6/18/2010 4:30	19.668716	0.81	1.08
6/18/2010 4:45	19.685442	0.79	1.05
6/18/2010 5:00	19.706892	0.77	1.03
6/18/2010 5:15	19.720339	0.76	1.04
6/18/2010 5:30	19.731825	0.75	1.03
6/18/2010 5:45	19.744434	0.74	1.02
6/18/2010 6:00	19.755007	0.72	1.01
6/18/2010 6:15	19.767096	0.71	1.01
6/18/2010 6:30	19.781965	0.70	1.00
6/18/2010 6:45	19.793505	0.69	0.99
6/18/2010 7:00	19.795488	0.68	0.98
6/18/2010 7:15	19.800388	0.68	0.99
6/18/2010 7:30	19.795521	0.68	1.00
6/18/2010 7:45	19.789236	0.69	1.00
6/18/2010 8:00	19.777649	0.70	1.02
6/18/2010 8:15	19.765106	0.71	1.03
6/18/2010 8:30	19.750561	0.73	1.05
6/18/2010 8:45	19.734531	0.75	1.07
6/18/2010 9:00	19.720982	0.76	1.08
6/18/2010 9:15	19.700167	0.78	1.10
6/18/2010 9:30	19.671812	0.81	1.13
6/18/2010 9:45	19.64632	0.83	1.14
6/18/2010 10:00	19.61912	0.86	1.16
6/18/2010 10:15	19.590971	0.89	1.20
6/18/2010 10:30	19.563734	0.92	1.22
6/18/2010 10:45	19.536188	0.94	1.24
6/18/2010 11:00	19.512743	0.97	1.27
6/18/2010 11:15	19.489353	0.99	1.29
6/18/2010 11:30	19.46501	1.01	1.31
6/18/2010 11:45	19.44264	1.04	1.34
6/18/2010 12:00	19.419895	1.06	1.36

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/17/2010 17:15	19.922953	0.52	0.64
6/17/2010 17:30	19.974512	0.47	0.59
6/17/2010 17:45	20.016275	0.42	0.54
6/17/2010 18:00	20.044062	0.40	0.52
6/17/2010 18:15	20.071896	0.37	0.50
6/17/2010 18:30	20.096472	0.34	0.48
6/17/2010 18:45	20.109873	0.33	0.47
6/17/2010 19:00	20.11557	0.32	0.46
6/17/2010 19:15	20.128473	0.31	0.46
6/17/2010 19:30	20.112469	0.33	0.48
6/17/2010 19:45	20.084002	0.36	0.51
6/17/2010 20:00	20.069536	0.37	0.52
6/17/2010 20:15	20.041563	0.40	0.55
6/17/2010 20:30	19.99696	0.44	0.60
6/17/2010 20:45	19.965429	0.47	0.64
6/17/2010 21:00	19.93277	0.51	0.69
6/17/2010 21:15	19.897215	0.54	0.72
6/17/2010 21:30	19.86669	0.57	0.75
6/17/2010 21:45	19.818375	0.62	0.81
6/17/2010 22:00	19.778187	0.66	0.87
6/17/2010 22:15	19.747267	0.69	0.91
6/17/2010 22:30	19.694712	0.75	0.97
6/17/2010 22:45	19.647594	0.79	1.01
6/17/2010 23:00	19.619181	0.82	1.04
6/17/2010 23:15	19.609224	0.83	1.06
6/17/2010 23:30	19.614285	0.83	1.07
6/17/2010 23:45	19.639303	0.80	1.04
6/18/2010 0:00	19.66522	0.77	1.01
6/18/2010 0:15	19.654055	0.79	1.04
6/18/2010 0:30	19.628666	0.81	1.06
6/18/2010 0:45	19.605379	0.83	1.07
6/18/2010 1:00	19.600168	0.84	1.08
6/18/2010 1:15	19.616268	0.82	1.07
6/18/2010 1:30	19.644518	0.80	1.04
6/18/2010 1:45	19.690149	0.75	0.98
6/18/2010 2:00	19.7346	0.71	0.95
6/18/2010 2:15	19.76512	0.67	0.91
6/18/2010 2:30	19.786493	0.65	0.89
6/18/2010 2:45	19.80225	0.64	0.88
6/18/2010 3:00	19.821026	0.62	0.86
6/18/2010 3:15	19.851778	0.59	0.83
6/18/2010 3:30	19.891737	0.55	0.79
6/18/2010 3:45	19.928864	0.51	0.75
6/18/2010 4:00	19.962627	0.48	0.72
6/18/2010 4:15	19.987228	0.45	0.69
6/18/2010 4:30	20.009125	0.43	0.68
6/18/2010 4:45	20.038742	0.40	0.64
6/18/2010 5:00	20.063238	0.38	0.62
6/18/2010 5:15	20.080942	0.36	0.61
6/18/2010 5:30	20.103067	0.34	0.59
6/18/2010 5:45	20.112467	0.33	0.58
6/18/2010 6:00	20.127008	0.31	0.57
6/18/2010 6:15	20.145416	0.29	0.56
6/18/2010 6:30	20.158808	0.28	0.55
6/18/2010 6:45	20.171152	0.27	0.55
6/18/2010 7:00	20.16921	0.27	0.55
6/18/2010 7:15	20.16095	0.28	0.56
6/18/2010 7:30	20.149887	0.29	0.58
6/18/2010 7:45	20.131653	0.31	0.59
6/18/2010 8:00	20.100708	0.34	0.63
6/18/2010 8:15	20.07436	0.37	0.66
6/18/2010 8:30	20.044193	0.40	0.69
6/18/2010 8:45	20.011974	0.43	0.72
6/18/2010 9:00	19.98592	0.45	0.74
6/18/2010 9:15	19.947351	0.49	0.78
6/18/2010 9:30	19.899601	0.54	0.83
6/18/2010 9:45	19.855656	0.58	0.86
6/18/2010 10:00	19.804855	0.64	0.92
6/18/2010 10:15	19.760809	0.68	0.96

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/18/2010 10:30:00	19.794491	0.73	1.11
6/18/2010 10:45:00	19.790165	0.73	1.11
6/18/2010 11:00:00	19.7838	0.74	1.12
6/18/2010 11:15:00	19.776346	0.74	1.13
6/18/2010 11:30:00	19.773443	0.75	1.13
6/18/2010 11:45:00	19.761736	0.76	1.14
6/18/2010 12:00:00	19.751551	0.77	1.15
6/18/2010 12:15:00	19.739859	0.78	1.16
6/18/2010 12:30:00	19.73074	0.79	1.17
6/18/2010 12:45:00	19.718447	0.80	1.18
6/18/2010 13:00:00	19.710918	0.81	1.19
6/18/2010 13:15:00	19.704458	0.82	1.20
6/18/2010 13:30:00	19.689083	0.83	1.21
6/18/2010 13:45:00	19.676802	0.84	1.21
6/18/2010 14:00:00	19.674921	0.85	1.21
6/18/2010 14:15:00	19.672352	0.85	1.21
6/18/2010 14:30:00	19.661392	0.86	1.22
6/18/2010 14:45:00	19.659346	0.86	1.21
6/18/2010 15:00:00	19.656534	0.86	1.22
6/18/2010 15:15:00	19.650921	0.87	1.22
6/18/2010 15:30:00	19.650921	0.87	1.22
6/18/2010 15:45:00	19.65206	0.87	1.21
6/18/2010 16:00:00	19.649946	0.87	1.21
6/18/2010 16:15:00	19.654253	0.87	1.20
6/18/2010 16:30:00	19.652578	0.87	1.21
6/18/2010 16:45:00	19.656921	0.86	1.19
6/18/2010 17:00:00	19.661783	0.86	1.19
6/18/2010 17:15:00	19.665508	0.85	1.17
6/18/2010 17:30:00	19.674059	0.85	1.16
6/18/2010 17:45:00	19.681013	0.84	1.16
6/18/2010 18:00:00	19.687521	0.83	1.15
6/18/2010 18:15:00	19.694872	0.83	1.13
6/18/2010 18:30:00	19.705536	0.81	1.12
6/18/2010 18:45:00	19.715357	0.80	1.11
6/18/2010 19:00:00	19.722935	0.80	1.10
6/18/2010 19:15:00	19.733252	0.79	1.09
6/18/2010 19:30:00	19.745861	0.77	1.09
6/18/2010 19:45:00	19.753469	0.77	1.07
6/18/2010 20:00:00	19.757351	0.76	1.07
6/18/2010 20:15:00	19.763807	0.76	1.07
6/18/2010 20:30:00	19.771189	0.75	1.06
6/18/2010 20:45:00	19.774866	0.75	1.06
6/18/2010 21:00:00	19.779972	0.74	1.07
6/18/2010 21:15:00	19.778702	0.74	1.07
6/18/2010 21:30:00	19.779362	0.74	1.07
6/18/2010 21:45:00	19.774876	0.75	1.07
6/18/2010 22:00:00	19.769728	0.75	1.08
6/18/2010 22:15:00	19.765512	0.75	1.08
6/18/2010 22:30:00	19.760916	0.76	1.10
6/18/2010 22:45:00	19.749516	0.77	1.12
6/18/2010 23:00:00	19.739498	0.78	1.13
6/18/2010 23:15:00	19.725712	0.79	1.14
6/18/2010 23:30:00	19.715651	0.80	1.16
6/18/2010 23:45:00	19.700689	0.82	1.17
6/19/2010 0:00:00	19.686335	0.83	1.18
6/19/2010 0:15:00	19.674011	0.85	1.21
6/19/2010 0:30:00	19.65741	0.86	1.22
6/19/2010 0:45:00	19.638414	0.88	1.23
6/19/2010 1:00:00	19.629818	0.89	1.25
6/19/2010 1:15:00	19.616976	0.90	1.25
6/19/2010 1:30:00	19.604277	0.92	1.27
6/19/2010 1:45:00	19.596453	0.92	1.28
6/19/2010 2:00:00	19.579771	0.94	1.28
6/19/2010 2:15:00	19.568085	0.95	1.30
6/19/2010 2:30:00	19.559057	0.96	1.31
6/19/2010 2:45:00	19.554653	0.97	1.32
6/19/2010 3:00:00	19.546312	0.97	1.32
6/19/2010 3:15:00	19.538393	0.98	1.33
6/19/2010 3:30:00	19.531126	0.99	1.34

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/18/2010 12:15	19.401001	1.08	1.38
6/18/2010 12:30	19.389421	1.09	1.39
6/18/2010 12:45	19.376169	1.10	1.40
6/18/2010 13:00	19.365316	1.11	1.41
6/18/2010 13:15	19.359385	1.12	1.42
6/18/2010 13:30	19.345455	1.13	1.43
6/18/2010 13:45	19.340343	1.14	1.44
6/18/2010 14:00	19.340282	1.14	1.43
6/18/2010 14:15	19.346392	1.13	1.42
6/18/2010 14:30	19.35261	1.13	1.42
6/18/2010 14:45	19.360792	1.12	1.40
6/18/2010 15:00	19.377075	1.10	1.39
6/18/2010 15:15	19.390223	1.09	1.37
6/18/2010 15:30	19.409197	1.07	1.35
6/18/2010 15:45	19.422283	1.06	1.33
6/18/2010 16:00	19.438564	1.04	1.31
6/18/2010 16:15	19.45727	1.02	1.29
6/18/2010 16:30	19.472925	1.01	1.28
6/18/2010 16:45	19.487734	0.99	1.25
6/18/2010 17:00	19.506823	0.97	1.23
6/18/2010 17:15	19.52693	0.95	1.20
6/18/2010 17:30	19.54245	0.94	1.19
6/18/2010 17:45	19.554941	0.93	1.18
6/18/2010 18:00	19.569271	0.91	1.16
6/18/2010 18:15	19.581131	0.90	1.15
6/18/2010 18:30	19.593933	0.89	1.14
6/18/2010 18:45	19.605747	0.87	1.12
6/18/2010 19:00	19.622019	0.86	1.11
6/18/2010 19:15	19.633898	0.85	1.10
6/18/2010 19:30	19.644438	0.84	1.09
6/18/2010 19:45	19.646002	0.83	1.08
6/18/2010 20:00	19.645035	0.83	1.08
6/18/2010 20:15	19.639746	0.84	1.09
6/18/2010 20:30	19.628641	0.85	1.10
6/18/2010 20:45	19.615934	0.86	1.11
6/18/2010 21:00	19.602615	0.88	1.14
6/18/2010 21:15	19.583719	0.90	1.16
6/18/2010 21:30	19.567415	0.91	1.17
6/18/2010 21:45	19.547113	0.93	1.19
6/18/2010 22:00	19.519363	0.96	1.22
6/18/2010 22:15	19.488434	0.99	1.25
6/18/2010 22:30	19.453228	1.03	1.30
6/18/2010 22:45	19.426132	1.05	1.33
6/18/2010 23:00	19.396805	1.08	1.36
6/18/2010 23:15	19.369247	1.11	1.39
6/18/2010 23:30	19.34267	1.14	1.43
6/18/2010 23:45	19.314043	1.17	1.45
6/19/2010 0:00	19.284622	1.20	1.48
6/19/2010 0:15	19.258955	1.22	1.51
6/19/2010 0:30	19.236609	1.24	1.53
6/19/2010 0:45	19.216797	1.26	1.54
6/19/2010 1:00	19.202682	1.28	1.57
6/19/2010 1:15	19.189377	1.29	1.57
6/19/2010 1:30	19.179089	1.30	1.58
6/19/2010 1:45	19.168777	1.31	1.60
6/19/2010 2:00	19.158087	1.32	1.59
6/19/2010 2:15	19.151159	1.33	1.61
6/19/2010 2:30	19.146963	1.33	1.61
6/19/2010 2:45	19.153715	1.33	1.61
6/19/2010 3:00	19.164257	1.32	1.60
6/19/2010 3:15	19.176834	1.30	1.58
6/19/2010 3:30	19.189621	1.29	1.57
6/19/2010 3:45	19.199125	1.28	1.57
6/19/2010 4:00	19.210087	1.27	1.55
6/19/2010 4:15	19.221083	1.26	1.55
6/19/2010 4:30	19.232706	1.25	1.53
6/19/2010 4:45	19.248606	1.23	1.51
6/19/2010 5:00	19.262251	1.22	1.50
6/19/2010 5:15	19.281742	1.20	1.48

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/18/2010 10:30	19.719835	0.72	1.00
6/18/2010 10:45	19.675297	0.76	1.04
6/18/2010 11:00	19.637436	0.80	1.08
6/18/2010 11:15	19.599588	0.84	1.12
6/18/2010 11:30	19.569424	0.87	1.15
6/18/2010 11:45	19.537649	0.90	1.18
6/18/2010 12:00	19.507471	0.93	1.21
6/18/2010 12:15	19.484091	0.96	1.24
6/18/2010 12:30	19.468082	0.97	1.25
6/18/2010 12:45	19.456797	0.98	1.26
6/18/2010 13:00	19.443872	1.00	1.28
6/18/2010 13:15	19.440317	1.00	1.28
6/18/2010 13:30	19.438366	1.00	1.28
6/18/2010 13:45	19.441334	1.00	1.27
6/18/2010 14:00	19.450821	0.99	1.25
6/18/2010 14:15	19.468153	0.97	1.23
6/18/2010 14:30	19.487078	0.95	1.21
6/18/2010 14:45	19.506685	0.93	1.18
6/18/2010 15:00	19.534306	0.91	1.17
6/18/2010 15:15	19.564314	0.88	1.13
6/18/2010 15:30	19.592987	0.85	1.10
6/18/2010 15:45	19.620138	0.82	1.07
6/18/2010 16:00	19.65209	0.79	1.04
6/18/2010 16:15	19.676407	0.76	1.01
6/18/2010 16:30	19.70389	0.74	0.99
6/18/2010 16:45	19.729879	0.71	0.95
6/18/2010 17:00	19.761166	0.68	0.92
6/18/2010 17:15	19.79541	0.64	0.87
6/18/2010 17:30	19.819126	0.62	0.85
6/18/2010 17:45	19.837139	0.60	0.83
6/18/2010 18:00	19.855635	0.58	0.81
6/18/2010 18:15	19.868473	0.57	0.79
6/18/2010 18:30	19.879789	0.56	0.78
6/18/2010 18:45	19.900616	0.54	0.76
6/18/2010 19:00	19.92296	0.52	0.74
6/18/2010 19:15	19.936384	0.50	0.72
6/18/2010 19:30	19.945065	0.49	0.72
6/18/2010 19:45	19.939417	0.50	0.72
6/18/2010 20:00	19.928844	0.51	0.73
6/18/2010 20:15	19.907965	0.53	0.76
6/18/2010 20:30	19.872972	0.57	0.79
6/18/2010 20:45	19.846334	0.59	0.82
6/18/2010 21:00	19.817907	0.62	0.86
6/18/2010 21:15	19.783422	0.66	0.90
6/18/2010 21:30	19.753988	0.69	0.93
6/18/2010 21:45	19.719007	0.72	0.96
6/18/2010 22:00	19.661638	0.78	1.02
6/18/2010 22:15	19.608198	0.83	1.07
6/18/2010 22:30	19.556707	0.88	1.13
6/18/2010 22:45	19.513748	0.93	1.18
6/18/2010 23:00	19.474657	0.97	1.22
6/18/2010 23:15	19.435276	1.00	1.25
6/18/2010 23:30	19.394791	1.05	1.31
6/18/2010 23:45	19.351711	1.09	1.34
6/19/2010 0:00	19.306677	1.13	1.38
6/19/2010 0:15	19.275175	1.16	1.42
6/19/2010 0:30	19.249151	1.19	1.45
6/19/2010 0:45	19.231733	1.21	1.46
6/19/2010 1:00	19.216846	1.22	1.48
6/19/2010 1:15	19.203318	1.24	1.49
6/19/2010 1:30	19.193613	1.25	1.50
6/19/2010 1:45	19.184092	1.26	1.52
6/19/2010 2:00	19.176853	1.26	1.51
6/19/2010 2:15	19.171392	1.27	1.52
6/19/2010 2:30	19.182575	1.26	1.51
6/19/2010 2:45	19.205244	1.23	1.48
6/19/2010 3:00	19.234022	1.21	1.46
6/19/2010 3:15	19.263409	1.18	1.43
6/19/2010 3:30	19.290419	1.15	1.40

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/19/2010 3:45:00	19.530413	0.99	1.35
6/19/2010 4:00:00	19.527744	0.99	1.34
6/19/2010 4:15:00	19.52306	1.00	1.36
6/19/2010 4:30:00	19.515972	1.00	1.35
6/19/2010 4:45:00	19.516165	1.00	1.35
6/19/2010 5:00:00	19.514818	1.01	1.36
6/19/2010 5:15:00	19.514376	1.01	1.36
6/19/2010 5:30:00	19.516218	1.00	1.35
6/19/2010 5:45:00	19.519941	1.00	1.36
6/19/2010 6:00:00	19.523531	1.00	1.37
6/19/2010 6:15:00	19.521711	1.00	1.36
6/19/2010 6:30:00	19.528378	0.99	1.36
6/19/2010 6:45:00	19.530703	0.99	1.36
6/19/2010 7:00:00	19.534376	0.99	1.36
6/19/2010 7:15:00	19.532278	0.99	1.35
6/19/2010 7:30:00	19.542233	0.98	1.34
6/19/2010 7:45:00	19.541693	0.98	1.34
6/19/2010 8:00:00	19.545057	0.97	1.32
6/19/2010 8:15:00	19.554247	0.97	1.32
6/19/2010 8:30:00	19.555449	0.96	1.33
6/19/2010 8:45:00	19.55501	0.96	1.31
6/19/2010 9:00:00	19.556231	0.96	1.31
6/19/2010 9:15:00	19.559631	0.96	1.31
6/19/2010 9:30:00	19.556196	0.96	1.31
6/19/2010 9:45:00	19.555094	0.96	1.31
6/19/2010 10:00:00	19.550411	0.97	1.31
6/19/2010 10:15:00	19.538847	0.98	1.31
6/19/2010 10:30:00	19.540018	0.98	1.31
6/19/2010 10:45:00	19.533598	0.99	1.32
6/19/2010 11:00:00	19.525921	0.99	1.32
6/19/2010 11:15:00	19.514278	1.01	1.33
6/19/2010 11:30:00	19.507048	1.01	1.33
6/19/2010 11:45:00	19.494965	1.03	1.35
6/19/2010 12:00:00	19.486494	1.03	1.35
6/19/2010 12:15:00	19.478773	1.04	1.36
6/19/2010 12:30:00	19.469194	1.05	1.37
6/19/2010 12:45:00	19.461353	1.06	1.38
6/19/2010 13:00:00	19.445328	1.07	1.38
6/19/2010 13:15:00	19.438288	1.08	1.39
6/19/2010 13:30:00	19.428602	1.09	1.39
6/19/2010 13:45:00	19.413992	1.11	1.40
6/19/2010 14:00:00	19.408443	1.11	1.40
6/19/2010 14:15:00	19.398233	1.12	1.40
6/19/2010 14:30:00	19.38825	1.13	1.40
6/19/2010 14:45:00	19.387247	1.13	1.39
6/19/2010 15:00:00	19.377554	1.14	1.40
6/19/2010 15:15:00	19.370987	1.15	1.39
6/19/2010 15:30:00	19.366335	1.15	1.39
6/19/2010 15:45:00	19.361544	1.16	1.38
6/19/2010 16:00:00	19.361088	1.16	1.38
6/19/2010 16:15:00	19.357969	1.16	1.38
6/19/2010 16:30:00	19.357244	1.16	1.37
6/19/2010 16:45:00	19.357805	1.16	1.37
6/19/2010 17:00:00	19.358896	1.16	1.37
6/19/2010 17:15:00	19.355825	1.16	1.38
6/19/2010 17:30:00	19.358034	1.16	1.36
6/19/2010 17:45:00	19.358328	1.16	1.36
6/19/2010 18:00:00	19.362955	1.16	1.36
6/19/2010 18:15:00	19.36359	1.16	1.34
6/19/2010 18:30:00	19.371918	1.15	1.34
6/19/2010 18:45:00	19.376293	1.14	1.32
6/19/2010 19:00:00	19.38538	1.13	1.31
6/19/2010 19:15:00	19.391317	1.13	1.31
6/19/2010 19:30:00	19.399885	1.12	1.30
6/19/2010 19:45:00	19.406357	1.11	1.28
6/19/2010 20:00:00	19.421329	1.10	1.29
6/19/2010 20:15:00	19.426693	1.09	1.28
6/19/2010 20:30:00	19.43432	1.09	1.27
6/19/2010 20:45:00	19.438028	1.08	1.26

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/19/2010 5:30	19.297985	1.18	1.46
6/19/2010 5:45	19.313807	1.17	1.46
6/19/2010 6:00	19.327429	1.15	1.45
6/19/2010 6:15	19.341175	1.14	1.43
6/19/2010 6:30	19.345371	1.13	1.43
6/19/2010 6:45	19.356213	1.12	1.42
6/19/2010 7:00	19.366545	1.11	1.41
6/19/2010 7:15	19.376959	1.10	1.39
6/19/2010 7:30	19.38686	1.09	1.38
6/19/2010 7:45	19.388586	1.09	1.38
6/19/2010 8:00	19.394373	1.09	1.37
6/19/2010 8:15	19.397192	1.08	1.36
6/19/2010 8:30	19.388968	1.09	1.38
6/19/2010 8:45	19.383137	1.10	1.38
6/19/2010 9:00	19.370966	1.11	1.39
6/19/2010 9:15	19.35437	1.13	1.41
6/19/2010 9:30	19.342194	1.14	1.42
6/19/2010 9:45	19.330759	1.15	1.43
6/19/2010 10:00	19.318594	1.16	1.43
6/19/2010 10:15	19.297972	1.18	1.44
6/19/2010 10:30	19.275051	1.20	1.46
6/19/2010 10:45	19.241787	1.24	1.50
6/19/2010 11:00	19.213161	1.27	1.53
6/19/2010 11:15	19.191967	1.29	1.55
6/19/2010 11:30	19.170004	1.31	1.56
6/19/2010 11:45	19.148224	1.33	1.59
6/19/2010 12:00	19.125383	1.35	1.60
6/19/2010 12:15	19.106192	1.37	1.62
6/19/2010 12:30	19.087311	1.39	1.64
6/19/2010 12:45	19.069582	1.41	1.66
6/19/2010 13:00	19.0501	1.43	1.68
6/19/2010 13:15	19.035906	1.44	1.69
6/19/2010 13:30	19.025854	1.45	1.69
6/19/2010 13:45	19.016537	1.46	1.70
6/19/2010 14:00	19.014509	1.47	1.70
6/19/2010 14:15	19.010599	1.47	1.69
6/19/2010 14:30	19.013201	1.47	1.68
6/19/2010 14:45	19.010487	1.47	1.68
6/19/2010 15:00	19.013523	1.47	1.68
6/19/2010 15:15	19.020878	1.46	1.66
6/19/2010 15:30	19.028	1.45	1.64
6/19/2010 15:45	19.039141	1.44	1.62
6/19/2010 16:00	19.055128	1.42	1.60
6/19/2010 16:15	19.07086	1.41	1.59
6/19/2010 16:30	19.087797	1.39	1.56
6/19/2010 16:45	19.100943	1.38	1.55
6/19/2010 17:00	19.114376	1.37	1.54
6/19/2010 17:15	19.128391	1.35	1.52
6/19/2010 17:30	19.148909	1.33	1.49
6/19/2010 17:45	19.163145	1.32	1.48
6/19/2010 18:00	19.180143	1.30	1.46
6/19/2010 18:15	19.202074	1.28	1.43
6/19/2010 18:30	19.218136	1.26	1.42
6/19/2010 18:45	19.240347	1.24	1.39
6/19/2010 19:00	19.262171	1.22	1.37
6/19/2010 19:15	19.277945	1.20	1.35
6/19/2010 19:30	19.296886	1.18	1.33
6/19/2010 19:45	19.311049	1.17	1.31
6/19/2010 20:00	19.325808	1.15	1.31
6/19/2010 20:15	19.337702	1.14	1.30
6/19/2010 20:30	19.343052	1.14	1.29
6/19/2010 20:45	19.346434	1.13	1.28
6/19/2010 21:00	19.345142	1.13	1.28
6/19/2010 21:15	19.340511	1.14	1.28
6/19/2010 21:30	19.329473	1.15	1.30
6/19/2010 21:45	19.31509	1.16	1.31
6/19/2010 22:00	19.289957	1.19	1.34
6/19/2010 22:15	19.262653	1.22	1.37
6/19/2010 22:30	19.243679	1.24	1.39

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/19/2010 3:45	19.310186	1.13	1.39
6/19/2010 4:00	19.329815	1.11	1.36
6/19/2010 4:15	19.349689	1.09	1.35
6/19/2010 4:30	19.376896	1.06	1.31
6/19/2010 4:45	19.401714	1.04	1.29
6/19/2010 5:00	19.426943	1.01	1.26
6/19/2010 5:15	19.458614	0.98	1.23
6/19/2010 5:30	19.480917	0.96	1.21
6/19/2010 5:45	19.500706	0.94	1.20
6/19/2010 6:00	19.525408	0.91	1.18
6/19/2010 6:15	19.543631	0.90	1.16
6/19/2010 6:30	19.55685	0.88	1.15
6/19/2010 6:45	19.569576	0.87	1.14
6/19/2010 7:00	19.583681	0.86	1.13
6/19/2010 7:15	19.599039	0.84	1.10
6/19/2010 7:30	19.608686	0.83	1.09
6/19/2010 7:45	19.611057	0.83	1.09
6/19/2010 8:00	19.618299	0.82	1.07
6/19/2010 8:15	19.606125	0.83	1.08
6/19/2010 8:30	19.588516	0.85	1.11
6/19/2010 8:45	19.575634	0.86	1.11
6/19/2010 9:00	19.550831	0.89	1.14
6/19/2010 9:15	19.518988	0.92	1.17
6/19/2010 9:30	19.490404	0.95	1.20
6/19/2010 9:45	19.472965	0.97	1.22
6/19/2010 10:00	19.452709	0.99	1.24
6/19/2010 10:15	19.416195	1.02	1.26
6/19/2010 10:30	19.380398	1.06	1.30
6/19/2010 10:45	19.325731	1.11	1.35
6/19/2010 11:00	19.277376	1.16	1.40
6/19/2010 11:15	19.248354	1.19	1.43
6/19/2010 11:30	19.216219	1.22	1.45
6/19/2010 11:45	19.188658	1.25	1.49
6/19/2010 12:00	19.157516	1.28	1.51
6/19/2010 12:15	19.130161	1.31	1.54
6/19/2010 12:30	19.102652	1.34	1.57
6/19/2010 12:45	19.077991	1.36	1.59
6/19/2010 13:00	19.054272	1.39	1.61
6/19/2010 13:15	19.040401	1.40	1.62
6/19/2010 13:30	19.021402	1.42	1.64
6/19/2010 13:45	19.023756	1.42	1.64
6/19/2010 14:00	19.031815	1.41	1.62
6/19/2010 14:15	19.037275	1.40	1.60
6/19/2010 14:30	19.047483	1.39	1.58
6/19/2010 14:45	19.050797	1.39	1.57
6/19/2010 15:00	19.062855	1.38	1.56
6/19/2010 15:15	19.083906	1.36	1.54
6/19/2010 15:30	19.101427	1.34	1.51
6/19/2010 15:45	19.130426	1.31	1.47
6/19/2010 16:00	19.159271	1.28	1.44
6/19/2010 16:15	19.193495	1.25	1.41
6/19/2010 16:30	19.22381	1.22	1.37
6/19/2010 16:45	19.247967	1.19	1.34
6/19/2010 17:00	19.266436	1.17	1.32
6/19/2010 17:15	19.287113	1.15	1.30
6/19/2010 17:30	19.318085	1.12	1.27
6/19/2010 17:45	19.342741	1.10	1.25
6/19/2010 18:00	19.374502	1.07	1.22
6/19/2010 18:15	19.410906	1.03	1.16
6/19/2010 18:30	19.439497	1.00	1.14
6/19/2010 18:45	19.474295	0.97	1.10
6/19/2010 19:00	19.505449	0.93	1.06
6/19/2010 19:15	19.528002	0.91	1.04
6/19/2010 19:30	19.548273	0.89	1.02
6/19/2010 19:45	19.568249	0.87	0.99
6/19/2010 20:00	19.587835	0.85	0.99
6/19/2010 20:15	19.594509	0.85	0.99
6/19/2010 20:30	19.598293	0.84	0.97
6/19/2010 20:45	19.599316	0.84	0.97

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/19/2010 21:00:00	19.444464	1.08	1.26
6/19/2010 21:15:00	19.448645	1.07	1.24
6/19/2010 21:30:00	19.458639	1.06	1.24
6/19/2010 21:45:00	19.463762	1.06	1.24
6/19/2010 22:00:00	19.459341	1.06	1.24
6/19/2010 22:15:00	19.458055	1.06	1.24
6/19/2010 22:30:00	19.454775	1.07	1.25
6/19/2010 22:45:00	19.454874	1.07	1.26
6/19/2010 23:00:00	19.446367	1.07	1.25
6/19/2010 23:15:00	19.437525	1.08	1.27
6/19/2010 23:30:00	19.427916	1.09	1.27
6/19/2010 23:45:00	19.414127	1.11	1.30
6/20/2010 0:00:00	19.39946	1.12	1.30
6/20/2010 0:15:00	19.390398	1.13	1.32
6/20/2010 0:30:00	19.375563	1.14	1.32
6/20/2010 0:45:00	19.356054	1.16	1.33
6/20/2010 1:00:00	19.337984	1.18	1.35
6/20/2010 1:15:00	19.322414	1.20	1.37
6/20/2010 1:30:00	19.316082	1.20	1.36
6/20/2010 1:45:00	19.30459	1.22	1.39
6/20/2010 2:00:00	19.288706	1.23	1.40
6/20/2010 2:15:00	19.26799	1.25	1.41
6/20/2010 2:30:00	19.246031	1.27	1.42
6/20/2010 2:45:00	19.236635	1.28	1.43
6/20/2010 3:00:00	19.224485	1.30	1.44
6/20/2010 3:15:00	19.206553	1.31	1.45
6/20/2010 3:30:00	19.196011	1.32	1.45
6/20/2010 3:45:00	19.18611	1.33	1.46
6/20/2010 4:00:00	19.179859	1.34	1.47
6/20/2010 4:15:00	19.172792	1.35	1.47
6/20/2010 4:30:00	19.166843	1.35	1.49
6/20/2010 4:45:00	19.16049	1.36	1.49
6/20/2010 5:00:00	19.155737	1.36	1.50
6/20/2010 5:15:00	19.153795	1.37	1.50
6/20/2010 5:30:00	19.149416	1.37	1.51
6/20/2010 5:45:00	19.147406	1.37	1.51
6/20/2010 6:00:00	19.149448	1.37	1.51
6/20/2010 6:15:00	19.148434	1.37	1.51
6/20/2010 6:30:00	19.151489	1.37	1.52
6/20/2010 6:45:00	19.153835	1.37	1.53
6/20/2010 7:00:00	19.154127	1.37	1.52
6/20/2010 7:15:00	19.158051	1.36	1.52
6/20/2010 7:30:00	19.16357	1.36	1.52
6/20/2010 7:45:00	19.163692	1.36	1.53
6/20/2010 8:00:00	19.170574	1.35	1.52
6/20/2010 8:15:00	19.179205	1.34	1.51
6/20/2010 8:30:00	19.186033	1.33	1.51
6/20/2010 8:45:00	19.189419	1.33	1.51
6/20/2010 9:00:00	19.196505	1.32	1.50
6/20/2010 9:15:00	19.2047	1.32	1.50
6/20/2010 9:30:00	19.211857	1.31	1.48
6/20/2010 9:45:00	19.222258	1.30	1.47
6/20/2010 10:00:00	19.227983	1.29	1.46
6/20/2010 10:15:00	19.2393	1.28	1.44
6/20/2010 10:30:00	19.251522	1.27	1.44
6/20/2010 10:45:00	19.258482	1.26	1.42
6/20/2010 11:00:00	19.264387	1.26	1.41
6/20/2010 11:15:00	19.267099	1.25	1.40
6/20/2010 11:30:00	19.279036	1.24	1.39
6/20/2010 11:45:00	19.284517	1.24	1.38
6/20/2010 12:00:00	19.293261	1.23	1.38
6/20/2010 12:15:00	19.297094	1.22	1.37
6/20/2010 12:30:00	19.301193	1.22	1.37
6/20/2010 12:45:00	19.300964	1.22	1.37
6/20/2010 13:00:00	19.301519	1.22	1.36
6/20/2010 13:15:00	19.303761	1.22	1.35
6/20/2010 13:30:00	19.302748	1.22	1.34
6/20/2010 13:45:00	19.306087	1.21	1.34
6/20/2010 14:00:00	19.304352	1.22	1.34

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/19/2010 22:45	19.219555	1.26	1.42
6/19/2010 23:00	19.188635	1.29	1.44
6/19/2010 23:15	19.165907	1.31	1.47
6/19/2010 23:30	19.130314	1.35	1.50
6/19/2010 23:45	19.099438	1.38	1.54
6/20/2010 0:00	19.068905	1.41	1.56
6/20/2010 0:15	19.035959	1.44	1.60
6/20/2010 0:30	19.007132	1.47	1.62
6/20/2010 0:45	18.973276	1.51	1.65
6/20/2010 1:00	18.94747	1.53	1.67
6/20/2010 1:15	18.924295	1.56	1.70
6/20/2010 1:30	18.903471	1.58	1.71
6/20/2010 1:45	18.881212	1.60	1.74
6/20/2010 2:00	18.862377	1.62	1.76
6/20/2010 2:15	18.845703	1.63	1.76
6/20/2010 2:30	18.829391	1.65	1.77
6/20/2010 2:45	18.817976	1.66	1.78
6/20/2010 3:00	18.809666	1.67	1.79
6/20/2010 3:15	18.804121	1.68	1.79
6/20/2010 3:30	18.804077	1.68	1.79
6/20/2010 3:45	18.806549	1.67	1.78
6/20/2010 4:00	18.817265	1.66	1.77
6/20/2010 4:15	18.827028	1.65	1.76
6/20/2010 4:30	18.835773	1.64	1.75
6/20/2010 4:45	18.844358	1.64	1.75
6/20/2010 5:00	18.857189	1.62	1.73
6/20/2010 5:15	18.876753	1.60	1.71
6/20/2010 5:30	18.891237	1.59	1.70
6/20/2010 5:45	18.908646	1.57	1.68
6/20/2010 6:00	18.92399	1.56	1.67
6/20/2010 6:15	18.944803	1.54	1.65
6/20/2010 6:30	18.971111	1.51	1.63
6/20/2010 6:45	18.99087	1.49	1.62
6/20/2010 7:00	19.010101	1.47	1.60
6/20/2010 7:15	19.03298	1.45	1.58
6/20/2010 7:30	19.048874	1.43	1.56
6/20/2010 7:45	19.073334	1.41	1.55
6/20/2010 8:00	19.095596	1.38	1.52
6/20/2010 8:15	19.119007	1.36	1.50
6/20/2010 8:30	19.142164	1.34	1.49
6/20/2010 8:45	19.157244	1.32	1.47
6/20/2010 9:00	19.174072	1.31	1.46
6/20/2010 9:15	19.191807	1.29	1.44
6/20/2010 9:30	19.206539	1.27	1.41
6/20/2010 9:45	19.220112	1.26	1.40
6/20/2010 10:00	19.229372	1.25	1.39
6/20/2010 10:15	19.240917	1.24	1.37
6/20/2010 10:30	19.241594	1.24	1.38
6/20/2010 10:45	19.242277	1.24	1.37
6/20/2010 11:00	19.238768	1.24	1.37
6/20/2010 11:15	19.229586	1.25	1.37
6/20/2010 11:30	19.224138	1.26	1.38
6/20/2010 11:45	19.215487	1.26	1.38
6/20/2010 12:00	19.206036	1.27	1.39
6/20/2010 12:15	19.204649	1.28	1.40
6/20/2010 12:30	19.193914	1.29	1.41
6/20/2010 12:45	19.186554	1.29	1.41
6/20/2010 13:00	19.170197	1.31	1.42
6/20/2010 13:15	19.162649	1.32	1.43
6/20/2010 13:30	19.151785	1.33	1.44
6/20/2010 13:45	19.148462	1.33	1.44
6/20/2010 14:00	19.145739	1.33	1.44
6/20/2010 14:15	19.147274	1.33	1.43
6/20/2010 14:30	19.152237	1.33	1.43
6/20/2010 14:45	19.158564	1.32	1.42
6/20/2010 15:00	19.170147	1.31	1.41
6/20/2010 15:15	19.179022	1.30	1.41
6/20/2010 15:30	19.180231	1.30	1.41
6/20/2010 15:45	19.196135	1.28	1.38

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/19/2010 21:00	19.587002	0.85	0.98
6/19/2010 21:15	19.564856	0.88	1.00
6/19/2010 21:30	19.543148	0.90	1.03
6/19/2010 21:45	19.507341	0.93	1.06
6/19/2010 22:00	19.453739	0.99	1.12
6/19/2010 22:15	19.402294	1.04	1.17
6/19/2010 22:30	19.371077	1.07	1.20
6/19/2010 22:45	19.319492	1.12	1.26
6/19/2010 23:00	19.26774	1.17	1.30
6/19/2010 23:15	19.238115	1.20	1.34
6/19/2010 23:30	19.186481	1.25	1.38
6/19/2010 23:45	19.145222	1.29	1.43
6/20/2010 0:00	19.094418	1.35	1.48
6/20/2010 0:15	19.041319	1.40	1.54
6/20/2010 0:30	19.000383	1.44	1.57
6/20/2010 0:45	18.953588	1.49	1.61
6/20/2010 1:00	18.923508	1.52	1.64
6/20/2010 1:15	18.894522	1.55	1.67
6/20/2010 1:30	18.868631	1.57	1.69
6/20/2010 1:45	18.837648	1.60	1.72
6/20/2010 2:00	18.819881	1.62	1.74
6/20/2010 2:15	18.80518	1.63	1.75
6/20/2010 2:30	18.792856	1.65	1.76
6/20/2010 2:45	18.784063	1.66	1.77
6/20/2010 3:00	18.780497	1.66	1.77
6/20/2010 3:15	18.783955	1.66	1.76
6/20/2010 3:30	18.79656	1.64	1.73
6/20/2010 3:45	18.813564	1.63	1.72
6/20/2010 4:00	18.842543	1.60	1.69
6/20/2010 4:15	18.856668	1.58	1.67
6/20/2010 4:30	18.877884	1.56	1.66
6/20/2010 4:45	18.900427	1.54	1.63
6/20/2010 5:00	18.926243	1.51	1.61
6/20/2010 5:15	18.965273	1.47	1.57
6/20/2010 5:30	18.994741	1.45	1.55
6/20/2010 5:45	19.024794	1.42	1.52
6/20/2010 6:00	19.052795	1.39	1.49
6/20/2010 6:15	19.089573	1.35	1.45
6/20/2010 6:30	19.121489	1.32	1.43
6/20/2010 6:45	19.156063	1.28	1.40
6/20/2010 7:00	19.189762	1.25	1.37
6/20/2010 7:15	19.22328	1.22	1.34
6/20/2010 7:30	19.257145	1.18	1.30
6/20/2010 7:45	19.297564	1.14	1.26
6/20/2010 8:00	19.328979	1.11	1.23
6/20/2010 8:15	19.358196	1.08	1.20
6/20/2010 8:30	19.392603	1.05	1.18
6/20/2010 8:45	19.415588	1.02	1.15
6/20/2010 9:00	19.435291	1.00	1.13
6/20/2010 9:15	19.457611	0.98	1.11
6/20/2010 9:30	19.475842	0.96	1.08
6/20/2010 9:45	19.492249	0.95	1.07
6/20/2010 10:00	19.504787	0.94	1.06
6/20/2010 10:15	19.505415	0.93	1.05
6/20/2010 10:30	19.494053	0.95	1.07
6/20/2010 10:45	19.486298	0.95	1.07
6/20/2010 11:00	19.472307	0.97	1.09
6/20/2010 11:15	19.453608	0.99	1.10
6/20/2010 11:30	19.44298	1.00	1.11
6/20/2010 11:45	19.424984	1.02	1.13
6/20/2010 12:00	19.408129	1.03	1.14
6/20/2010 12:15	19.394114	1.05	1.16
6/20/2010 12:30	19.371769	1.07	1.18
6/20/2010 12:45	19.356123	1.08	1.19
6/20/2010 13:00	19.332584	1.11	1.21
6/20/2010 13:15	19.31579	1.12	1.22
6/20/2010 13:30	19.303717	1.14	1.23
6/20/2010 13:45	19.295223	1.14	1.23
6/20/2010 14:00	19.296118	1.14	1.23

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/20/2010 14:15:00	19.303057	1.22	1.33
6/20/2010 14:30:00	19.30757	1.21	1.33
6/20/2010 14:45:00	19.313374	1.21	1.32
6/20/2010 15:00:00	19.314301	1.21	1.32
6/20/2010 15:15:00	19.319754	1.20	1.33
6/20/2010 15:30:00	19.321777	1.20	1.33
6/20/2010 15:45:00	19.325451	1.19	1.31
6/20/2010 16:00:00	19.330034	1.19	1.31
6/20/2010 16:15:00	19.336519	1.18	1.29
6/20/2010 16:30:00	19.344326	1.18	1.29
6/20/2010 16:45:00	19.35327	1.17	1.28
6/20/2010 17:00:00	19.36096	1.16	1.27
6/20/2010 17:15:00	19.367197	1.15	1.27
6/20/2010 17:30:00	19.37904	1.14	1.25
6/20/2010 17:45:00	19.39065	1.13	1.25
6/20/2010 18:00:00	19.397284	1.12	1.25
6/20/2010 18:15:00	19.410307	1.11	1.23
6/20/2010 18:30:00	19.4191	1.10	1.21
6/20/2010 18:45:00	19.433151	1.09	1.20
6/20/2010 19:00:00	19.444704	1.08	1.19
6/20/2010 19:15:00	19.455648	1.06	1.19
6/20/2010 19:30:00	19.469046	1.05	1.19
6/20/2010 19:45:00	19.480953	1.04	1.17
6/20/2010 20:00:00	19.489874	1.03	1.17
6/20/2010 20:15:00	19.506413	1.01	1.15
6/20/2010 20:30:00	19.517467	1.00	1.14
6/20/2010 20:45:00	19.531971	0.99	1.14
6/20/2010 21:00:00	19.542881	0.98	1.14
6/20/2010 21:15:00	19.553835	0.97	1.13
6/20/2010 21:30:00	19.563982	0.96	1.14
6/20/2010 21:45:00	19.57316	0.95	1.14
6/20/2010 22:00:00	19.583918	0.94	1.13
6/20/2010 22:15:00	19.592422	0.93	1.12
6/20/2010 22:30:00	19.591722	0.93	1.13
6/20/2010 22:45:00	19.596924	0.92	1.11
6/20/2010 23:00:00	19.598906	0.92	1.12
6/20/2010 23:15:00	19.602734	0.92	1.12
6/20/2010 23:30:00	19.607494	0.91	1.11
6/20/2010 23:45:00	19.611658	0.91	1.12
6/21/2010 0:00:00	19.610355	0.91	1.12
6/21/2010 0:15:00	19.602468	0.92	1.13
6/21/2010 0:30:00	19.600599	0.92	1.12
6/21/2010 0:45:00	19.596163	0.92	1.14
6/21/2010 1:00:00	19.588522	0.93	1.13
6/21/2010 1:15:00	19.580166	0.94	1.15
6/21/2010 1:30:00	19.568457	0.95	1.15
6/21/2010 1:45:00	19.561563	0.96	1.17
6/21/2010 2:00:00	19.54722	0.97	1.18
6/21/2010 2:15:00	19.536407	0.98	1.20
6/21/2010 2:30:00	19.521694	1.00	1.21
6/21/2010 2:45:00	19.50523	1.01	1.23
6/21/2010 3:00:00	19.492107	1.03	1.23
6/21/2010 3:15:00	19.480835	1.04	1.25
6/21/2010 3:30:00	19.466679	1.05	1.25
6/21/2010 3:45:00	19.455505	1.06	1.27
6/21/2010 4:00:00	19.448299	1.07	1.28
6/21/2010 4:15:00	19.435537	1.08	1.30
6/21/2010 4:30:00	19.427692	1.09	1.30
6/21/2010 4:45:00	19.421457	1.10	1.31
6/21/2010 5:00:00	19.416229	1.10	1.33
6/21/2010 5:15:00	19.412203	1.11	1.34
6/21/2010 5:30:00	19.413342	1.11	1.35
6/21/2010 5:45:00	19.411089	1.11	1.36
6/21/2010 6:00:00	19.413229	1.11	1.37
6/21/2010 6:15:00	19.415503	1.10	1.38
6/21/2010 6:30:00	19.418711	1.10	1.40
6/21/2010 6:45:00	19.418331	1.10	1.40
6/21/2010 7:00:00	19.416719	1.10	1.40
6/21/2010 7:15:00	19.42511	1.09	1.39

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/20/2010 16:00	19.212271	1.27	1.37
6/20/2010 16:15	19.224285	1.26	1.35
6/20/2010 16:30	19.246073	1.23	1.33
6/20/2010 16:45	19.272467	1.21	1.31
6/20/2010 17:00	19.295687	1.18	1.27
6/20/2010 17:15	19.318241	1.16	1.26
6/20/2010 17:30	19.336246	1.14	1.23
6/20/2010 17:45	19.355497	1.12	1.22
6/20/2010 18:00	19.376007	1.10	1.21
6/20/2010 18:15	19.394958	1.09	1.19
6/20/2010 18:30	19.420164	1.06	1.15
6/20/2010 18:45	19.442455	1.04	1.14
6/20/2010 19:00	19.456045	1.02	1.12
6/20/2010 19:15	19.477076	1.00	1.11
6/20/2010 19:30	19.498991	0.98	1.09
6/20/2010 19:45	19.521362	0.96	1.07
6/20/2010 20:00	19.543896	0.94	1.05
6/20/2010 20:15	19.559128	0.92	1.03
6/20/2010 20:30	19.579876	0.90	1.01
6/20/2010 20:45	19.590511	0.89	1.01
6/20/2010 21:00	19.602064	0.88	1.01
6/20/2010 21:15	19.610241	0.87	1.00
6/20/2010 21:30	19.613861	0.87	1.02
6/20/2010 21:45	19.615202	0.86	1.02
6/20/2010 22:00	19.614029	0.87	1.03
6/20/2010 22:15	19.606171	0.87	1.03
6/20/2010 22:30	19.591986	0.89	1.05
6/20/2010 22:45	19.573954	0.91	1.07
6/20/2010 23:00	19.553511	0.93	1.09
6/20/2010 23:15	19.538895	0.94	1.10
6/20/2010 23:30	19.520386	0.96	1.12
6/20/2010 23:45	19.497925	0.98	1.15
6/21/2010 0:00	19.471743	1.01	1.18
6/21/2010 0:15	19.43951	1.04	1.21
6/21/2010 0:30	19.404232	1.08	1.24
6/21/2010 0:45	19.375015	1.10	1.27
6/21/2010 1:00	19.346304	1.13	1.29
6/21/2010 1:15	19.320215	1.16	1.33
6/21/2010 1:30	19.28653	1.19	1.35
6/21/2010 1:45	19.261492	1.22	1.39
6/21/2010 2:00	19.232733	1.25	1.42
6/21/2010 2:15	19.207676	1.27	1.44
6/21/2010 2:30	19.185484	1.29	1.46
6/21/2010 2:45	19.16316	1.32	1.49
6/21/2010 3:00	19.146137	1.33	1.49
6/21/2010 3:15	19.129652	1.35	1.52
6/21/2010 3:30	19.119356	1.36	1.52
6/21/2010 3:45	19.111774	1.37	1.53
6/21/2010 4:00	19.101713	1.38	1.55
6/21/2010 4:15	19.103973	1.38	1.55
6/21/2010 4:30	19.104671	1.38	1.55
6/21/2010 4:45	19.110447	1.37	1.54
6/21/2010 5:00	19.123827	1.36	1.54
6/21/2010 5:15	19.136583	1.34	1.53
6/21/2010 5:30	19.15053	1.33	1.53
6/21/2010 5:45	19.167866	1.31	1.52
6/21/2010 6:00	19.18437	1.30	1.51
6/21/2010 6:15	19.203768	1.28	1.50
6/21/2010 6:30	19.228838	1.25	1.49
6/21/2010 6:45	19.247911	1.23	1.47
6/21/2010 7:00	19.273256	1.21	1.45
6/21/2010 7:15	19.292236	1.19	1.43
6/21/2010 7:30	19.321354	1.16	1.41
6/21/2010 7:45	19.34458	1.14	1.39
6/21/2010 8:00	19.367189	1.11	1.36
6/21/2010 8:15	19.390802	1.09	1.35
6/21/2010 8:30	19.411346	1.07	1.32
6/21/2010 8:45	19.433773	1.05	1.30
6/21/2010 9:00	19.458767	1.02	1.27

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/20/2010 14:15	19.300434	1.14	1.22
6/20/2010 14:30	19.307337	1.13	1.21
6/20/2010 14:45	19.320105	1.12	1.20
6/20/2010 15:00	19.340593	1.10	1.18
6/20/2010 15:15	19.355968	1.08	1.17
6/20/2010 15:30	19.365629	1.07	1.16
6/20/2010 15:45	19.394382	1.05	1.13
6/20/2010 16:00	19.424545	1.02	1.10
6/20/2010 16:15	19.442791	1.00	1.08
6/20/2010 16:30	19.481152	0.96	1.04
6/20/2010 16:45	19.525997	0.91	0.99
6/20/2010 17:00	19.561281	0.88	0.96
6/20/2010 17:15	19.593325	0.85	0.93
6/20/2010 17:30	19.620981	0.82	0.90
6/20/2010 17:45	19.65159	0.79	0.87
6/20/2010 18:00	19.679331	0.76	0.85
6/20/2010 18:15	19.70673	0.73	0.81
6/20/2010 18:30	19.738827	0.70	0.78
6/20/2010 18:45	19.766073	0.67	0.75
6/20/2010 19:00	19.776781	0.66	0.74
6/20/2010 19:15	19.814999	0.63	0.72
6/20/2010 19:30	19.85207	0.59	0.69
6/20/2010 19:45	19.879669	0.56	0.65
6/20/2010 20:00	19.909527	0.53	0.63
6/20/2010 20:15	19.928843	0.51	0.61
6/20/2010 20:30	19.949656	0.49	0.59
6/20/2010 20:45	19.959368	0.48	0.59
6/20/2010 21:00	19.965227	0.47	0.59
6/20/2010 21:15	19.969009	0.47	0.59
6/20/2010 21:30	19.964754	0.48	0.61
6/20/2010 21:45	19.957582	0.48	0.62
6/20/2010 22:00	19.941666	0.50	0.64
6/20/2010 22:15	19.918442	0.52	0.66
6/20/2010 22:30	19.88763	0.55	0.70
6/20/2010 22:45	19.847401	0.59	0.73
6/20/2010 23:00	19.81041	0.63	0.78
6/20/2010 23:15	19.780958	0.66	0.81
6/20/2010 23:30	19.739796	0.70	0.85
6/20/2010 23:45	19.696379	0.74	0.89
6/21/2010 0:00	19.64769	0.79	0.94
6/21/2010 0:15	19.589548	0.85	1.00
6/21/2010 0:30	19.538345	0.90	1.05
6/21/2010 0:45	19.493546	0.95	1.10
6/21/2010 1:00	19.451788	0.99	1.14
6/21/2010 1:15	19.409647	1.03	1.18
6/21/2010 1:30	19.36035	1.08	1.23
6/21/2010 1:45	19.327484	1.11	1.26
6/21/2010 2:00	19.285984	1.15	1.30
6/21/2010 2:15	19.249332	1.19	1.34
6/21/2010 2:30	19.222773	1.22	1.37
6/21/2010 2:45	19.196661	1.24	1.39
6/21/2010 3:00	19.17868	1.26	1.41
6/21/2010 3:15	19.163471	1.28	1.43
6/21/2010 3:30	19.152143	1.29	1.44
6/21/2010 3:45	19.147516	1.29	1.44
6/21/2010 4:00	19.144932	1.30	1.45
6/21/2010 4:15	19.157602	1.28	1.43
6/21/2010 4:30	19.169209	1.27	1.42
6/21/2010 4:45	19.191725	1.25	1.40
6/21/2010 5:00	19.2216	1.22	1.38
6/21/2010 5:15	19.247114	1.19	1.36
6/21/2010 5:30	19.270285	1.17	1.35
6/21/2010 5:45	19.301792	1.14	1.32
6/21/2010 6:00	19.329603	1.11	1.30
6/21/2010 6:15	19.365072	1.07	1.27
6/21/2010 6:30	19.406296	1.03	1.25
6/21/2010 6:45	19.439333	1.00	1.22
6/21/2010 7:00	19.478214	0.96	1.18
6/21/2010 7:15	19.514578	0.93	1.15

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/21/2010 7:30:00	19.433962	1.09	1.39
6/21/2010 7:45:00	19.443867	1.08	1.38
6/21/2010 8:00:00	19.454012	1.07	1.38
6/21/2010 8:15:00	19.464462	1.06	1.38
6/21/2010 8:30:00	19.469147	1.05	1.37
6/21/2010 8:45:00	19.476976	1.04	1.36
6/21/2010 9:00:00	19.491924	1.03	1.34
6/21/2010 9:15:00	19.506382	1.01	1.32
6/21/2010 9:30:00	19.524332	1.00	1.31
6/21/2010 9:45:00	19.536831	0.98	1.30
6/21/2010 10:00:00	19.549025	0.97	1.29
6/21/2010 10:15:00	19.562038	0.96	1.28
6/21/2010 10:30:00	19.578033	0.94	1.26
6/21/2010 10:45:00	19.587509	0.93	1.24
6/21/2010 11:00:00	19.597691	0.92	1.23
6/21/2010 11:15:00	19.614079	0.91	1.21
6/21/2010 11:30:00	19.622194	0.90	1.21
6/21/2010 11:45:00	19.628275	0.89	1.20
6/21/2010 12:00:00	19.633236	0.89	1.19
6/21/2010 12:15:00	19.634583	0.89	1.18
6/21/2010 12:30:00	19.64572	0.87	1.18
6/21/2010 12:45:00	19.651703	0.87	1.18
6/21/2010 13:00:00	19.648956	0.87	1.17
6/21/2010 13:15:00	19.653376	0.87	1.16
6/21/2010 13:30:00	19.655979	0.86	1.16
6/21/2010 13:45:00	19.656012	0.86	1.15
6/21/2010 14:00:00	19.661165	0.86	1.15
6/21/2010 14:15:00	19.664108	0.86	1.14
6/21/2010 14:30:00	19.660709	0.86	1.15
6/21/2010 14:45:00	19.655977	0.86	1.14
6/21/2010 15:00:00	19.661001	0.86	1.13
6/21/2010 15:15:00	19.666321	0.85	1.14
6/21/2010 15:30:00	19.667215	0.85	1.14
6/21/2010 15:45:00	19.660158	0.86	1.15
6/21/2010 16:00:00	19.661455	0.86	1.13
6/21/2010 16:15:00	19.661053	0.86	1.13
6/21/2010 16:30:00	19.662109	0.86	1.13
6/21/2010 16:45:00	19.666254	0.85	1.13
6/21/2010 17:00:00	19.666826	0.85	1.13
6/21/2010 17:15:00	19.67305	0.85	1.12
6/21/2010 17:30:00	19.672581	0.85	1.12
6/21/2010 17:45:00	19.679779	0.84	1.12
6/21/2010 18:00:00	19.683599	0.84	1.11
6/21/2010 18:15:00	19.687994	0.83	1.11
6/21/2010 18:30:00	19.697552	0.82	1.11
6/21/2010 18:45:00	19.697062	0.82	1.10
6/21/2010 19:00:00	19.707388	0.81	1.10
6/21/2010 19:15:00	19.7138	0.81	1.09
6/21/2010 19:30:00	19.715895	0.80	1.09
6/21/2010 19:45:00	19.723309	0.80	1.09
6/21/2010 20:00:00	19.730007	0.79	1.09
6/21/2010 20:15:00	19.735403	0.78	1.08
6/21/2010 20:30:00	19.738947	0.78	1.09
6/21/2010 20:45:00	19.748251	0.77	1.08
6/21/2010 21:00:00	19.750296	0.77	1.08
6/21/2010 21:15:00	19.757502	0.76	1.08
6/21/2010 21:30:00	19.764217	0.76	1.07
6/21/2010 21:45:00	19.772808	0.75	1.07
6/21/2010 22:00:00	19.777208	0.74	1.07
6/21/2010 22:15:00	19.78182	0.74	1.08
6/21/2010 22:30:00	19.784739	0.74	1.06
6/21/2010 22:45:00	19.789694	0.73	1.06
6/21/2010 23:00:00	19.789824	0.73	1.07
6/21/2010 23:15:00	19.796183	0.72	1.05
6/21/2010 23:30:00	19.797562	0.72	1.05
6/21/2010 23:45:00	19.795437	0.72	1.04
6/22/2010 0:00:00	19.796101	0.72	1.04
6/22/2010 0:15:00	19.796782	0.72	1.05
6/22/2010 0:30:00	19.803074	0.72	1.05

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/21/2010 9:15	19.485172	0.99	1.24
6/21/2010 9:30	19.507236	0.97	1.22
6/21/2010 9:45	19.530146	0.95	1.20
6/21/2010 10:00	19.548782	0.93	1.18
6/21/2010 10:15	19.566301	0.91	1.16
6/21/2010 10:30	19.583872	0.90	1.15
6/21/2010 10:45	19.597113	0.88	1.13
6/21/2010 11:00	19.602234	0.88	1.13
6/21/2010 11:15	19.612179	0.87	1.12
6/21/2010 11:30	19.614477	0.87	1.12
6/21/2010 11:45	19.616562	0.86	1.11
6/21/2010 12:00	19.614834	0.87	1.12
6/21/2010 12:15	19.608158	0.87	1.11
6/21/2010 12:30	19.602604	0.88	1.13
6/21/2010 12:45	19.590483	0.89	1.14
6/21/2010 13:00	19.583405	0.90	1.14
6/21/2010 13:15	19.578222	0.90	1.14
6/21/2010 13:30	19.562923	0.92	1.16
6/21/2010 13:45	19.547329	0.93	1.16
6/21/2010 14:00	19.534761	0.95	1.18
6/21/2010 14:15	19.522472	0.96	1.19
6/21/2010 14:30	19.503719	0.98	1.21
6/21/2010 14:45	19.494425	0.99	1.21
6/21/2010 15:00	19.492489	0.99	1.21
6/21/2010 15:15	19.491018	0.99	1.22
6/21/2010 15:30	19.486832	0.99	1.22
6/21/2010 15:45	19.485052	0.99	1.22
6/21/2010 16:00	19.480581	1.00	1.22
6/21/2010 16:15	19.4802	1.00	1.22
6/21/2010 16:30	19.480862	1.00	1.22
6/21/2010 16:45	19.495178	0.98	1.20
6/21/2010 17:00	19.510389	0.97	1.19
6/21/2010 17:15	19.519897	0.96	1.18
6/21/2010 17:30	19.537502	0.94	1.16
6/21/2010 17:45	19.559544	0.92	1.14
6/21/2010 18:00	19.572256	0.91	1.13
6/21/2010 18:15	19.586737	0.89	1.11
6/21/2010 18:30	19.599859	0.88	1.11
6/21/2010 18:45	19.61408	0.87	1.09
6/21/2010 19:00	19.627615	0.85	1.08
6/21/2010 19:15	19.642559	0.84	1.07
6/21/2010 19:30	19.661913	0.82	1.05
6/21/2010 19:45	19.677961	0.80	1.04
6/21/2010 20:00	19.693607	0.79	1.03
6/21/2010 20:15	19.713457	0.77	1.01
6/21/2010 20:30	19.722036	0.76	1.01
6/21/2010 20:45	19.736609	0.74	0.99
6/21/2010 21:00	19.747349	0.73	0.98
6/21/2010 21:15	19.758806	0.72	0.97
6/21/2010 21:30	19.769703	0.71	0.96
6/21/2010 21:45	19.776823	0.70	0.95
6/21/2010 22:00	19.783192	0.70	0.96
6/21/2010 22:15	19.781979	0.70	0.97
6/21/2010 22:30	19.781336	0.70	0.96
6/21/2010 22:45	19.775921	0.70	0.96
6/21/2010 23:00	19.764622	0.72	0.99
6/21/2010 23:15	19.755396	0.72	0.98
6/21/2010 23:30	19.732927	0.75	1.01
6/21/2010 23:45	19.707712	0.77	1.02
6/22/2010 0:00	19.686935	0.79	1.04
6/22/2010 0:15	19.661032	0.82	1.08
6/22/2010 0:30	19.63858	0.84	1.10
6/22/2010 0:45	19.608068	0.87	1.13
6/22/2010 1:00	19.579908	0.90	1.16
6/22/2010 1:15	19.547522	0.93	1.19
6/22/2010 1:30	19.508423	0.97	1.23
6/22/2010 1:45	19.479065	1.00	1.26
6/22/2010 2:00	19.446045	1.03	1.29
6/22/2010 2:15	19.412861	1.07	1.33

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/21/2010 7:30	19.552456	0.89	1.11
6/21/2010 7:45	19.586744	0.85	1.07
6/21/2010 8:00	19.619688	0.82	1.05
6/21/2010 8:15	19.654432	0.79	1.03
6/21/2010 8:30	19.690701	0.75	0.98
6/21/2010 8:45	19.728306	0.71	0.94
6/21/2010 9:00	19.769194	0.67	0.89
6/21/2010 9:15	19.798941	0.64	0.86
6/21/2010 9:30	19.827471	0.61	0.84
6/21/2010 9:45	19.857975	0.58	0.81
6/21/2010 10:00	19.880835	0.56	0.79
6/21/2010 10:15	19.902363	0.54	0.77
6/21/2010 10:30	19.927231	0.51	0.74
6/21/2010 10:45	19.936197	0.50	0.72
6/21/2010 11:00	19.934345	0.51	0.73
6/21/2010 11:15	19.941633	0.50	0.72
6/21/2010 11:30	19.935589	0.50	0.72
6/21/2010 11:45	19.928879	0.51	0.73
6/21/2010 12:00	19.916424	0.52	0.74
6/21/2010 12:15	19.90383	0.54	0.76
6/21/2010 12:30	19.8906	0.55	0.77
6/21/2010 12:45	19.859476	0.58	0.80
6/21/2010 13:00	19.847492	0.59	0.81
6/21/2010 13:15	19.835535	0.60	0.82
6/21/2010 13:30	19.794785	0.65	0.87
6/21/2010 13:45	19.774368	0.67	0.88
6/21/2010 14:00	19.753344	0.69	0.90
6/21/2010 14:15	19.718716	0.72	0.93
6/21/2010 14:30	19.698193	0.74	0.95
6/21/2010 14:45	19.689096	0.75	0.95
6/21/2010 15:00	19.687565	0.75	0.95
6/21/2010 15:15	19.678879	0.76	0.97
6/21/2010 15:30	19.671047	0.77	0.98
6/21/2010 15:45	19.672098	0.77	0.98
6/21/2010 16:00	19.66824	0.77	0.97
6/21/2010 16:15	19.671461	0.77	0.97
6/21/2010 16:30	19.684307	0.76	0.96
6/21/2010 16:45	19.711365	0.73	0.93
6/21/2010 17:00	19.734158	0.71	0.91
6/21/2010 17:15	19.757923	0.68	0.88
6/21/2010 17:30	19.790693	0.65	0.85
6/21/2010 17:45	19.819326	0.62	0.82
6/21/2010 18:00	19.842211	0.60	0.80
6/21/2010 18:15	19.862473	0.58	0.78
6/21/2010 18:30	19.887661	0.55	0.76
6/21/2010 18:45	19.905365	0.53	0.73
6/21/2010 19:00	19.921988	0.52	0.73
6/21/2010 19:15	19.946075	0.49	0.70
6/21/2010 19:30	19.974714	0.47	0.68
6/21/2010 19:45	19.997377	0.44	0.66
6/21/2010 20:00	20.021627	0.42	0.64
6/21/2010 20:15	20.050116	0.39	0.61
6/21/2010 20:30	20.067572	0.37	0.59
6/21/2010 20:45	20.081573	0.36	0.58
6/21/2010 21:00	20.094736	0.35	0.57
6/21/2010 21:15	20.109432	0.33	0.56
6/21/2010 21:30	20.121752	0.32	0.55
6/21/2010 21:45	20.127405	0.31	0.54
6/21/2010 22:00	20.129316	0.31	0.55
6/21/2010 22:15	20.120235	0.32	0.57
6/21/2010 22:30	20.110785	0.33	0.57
6/21/2010 22:45	20.092146	0.35	0.59
6/21/2010 23:00	20.068838	0.37	0.62
6/21/2010 23:15	20.044714	0.40	0.64
6/21/2010 23:30	19.997751	0.44	0.68
6/21/2010 23:45	19.953693	0.49	0.72
6/22/2010 0:00	19.917629	0.52	0.75
6/22/2010 0:15	19.869894	0.57	0.81
6/22/2010 0:30	19.82094	0.62	0.86

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/22/2010 0:45:00	19.795124	0.72	1.05
6/22/2010 1:00:00	19.792906	0.73	1.06
6/22/2010 1:15:00	19.788263	0.73	1.06
6/22/2010 1:30:00	19.780039	0.74	1.07
6/22/2010 1:45:00	19.76833	0.75	1.08
6/22/2010 2:00:00	19.76123	0.76	1.09
6/22/2010 2:15:00	19.744705	0.78	1.10
6/22/2010 2:30:00	19.73443	0.79	1.10
6/22/2010 2:45:00	19.728022	0.79	1.11
6/22/2010 3:00:00	19.709454	0.81	1.13
6/22/2010 3:15:00	19.694599	0.83	1.14
6/22/2010 3:30:00	19.686176	0.83	1.15
6/22/2010 3:45:00	19.671686	0.85	1.19
6/22/2010 4:00:00	19.658049	0.86	1.20
6/22/2010 4:15:00	19.642109	0.88	1.22
6/22/2010 4:30:00	19.630392	0.89	1.24
6/22/2010 4:45:00	19.617723	0.90	1.24
6/22/2010 5:00:00	19.60696	0.91	1.26
6/22/2010 5:15:00	19.590557	0.93	1.28
6/22/2010 5:30:00	19.585287	0.93	1.30
6/22/2010 5:45:00	19.571903	0.95	1.30
6/22/2010 6:00:00	19.566683	0.95	1.31
6/22/2010 6:15:00	19.559723	0.96	1.32
6/22/2010 6:30:00	19.556606	0.96	1.33
6/22/2010 6:45:00	19.551056	0.97	1.34
6/22/2010 7:00:00	19.550341	0.97	1.35
6/22/2010 7:15:00	19.543106	0.98	1.35
6/22/2010 7:30:00	19.54405	0.98	1.36
6/22/2010 7:45:00	19.537479	0.98	1.36
6/22/2010 8:00:00	19.538195	0.98	1.36
6/22/2010 8:15:00	19.540457	0.98	1.36
6/22/2010 8:30:00	19.537546	0.98	1.36
6/22/2010 8:45:00	19.544277	0.98	1.36
6/22/2010 9:00:00	19.548489	0.97	1.35
6/22/2010 9:15:00	19.552408	0.97	1.34
6/22/2010 9:30:00	19.558687	0.96	1.33
6/22/2010 9:45:00	19.568958	0.95	1.33
6/22/2010 10:00:00	19.576214	0.94	1.33
6/22/2010 10:15:00	19.583155	0.94	1.31
6/22/2010 10:30:00	19.592014	0.93	1.30
6/22/2010 10:45:00	19.602144	0.92	1.29
6/22/2010 11:00:00	19.613873	0.91	1.28
6/22/2010 11:15:00	19.621464	0.90	1.27
6/22/2010 11:30:00	19.634094	0.89	1.26
6/22/2010 11:45:00	19.641878	0.88	1.25
6/22/2010 12:00:00	19.655622	0.86	1.24
6/22/2010 12:15:00	19.657089	0.86	1.22
6/22/2010 12:30:00	19.666107	0.85	1.21
6/22/2010 12:45:00	19.668322	0.85	1.20
6/22/2010 13:00:00	19.672272	0.85	1.19
6/22/2010 13:15:00	19.676073	0.84	1.17
6/22/2010 13:30:00	19.680349	0.84	1.16
6/22/2010 13:45:00	19.682724	0.84	1.14
6/22/2010 14:00:00	19.682056	0.84	1.13
6/22/2010 14:15:00	19.678741	0.84	1.13
6/22/2010 14:30:00	19.682175	0.84	1.12
6/22/2010 14:45:00	19.679623	0.84	1.13
6/22/2010 15:00:00	19.674643	0.85	1.12
6/22/2010 15:15:00	19.668106	0.85	1.13
6/22/2010 15:30:00	19.660326	0.86	1.12
6/22/2010 15:45:00	19.653524	0.87	1.13
6/22/2010 16:00:00	19.6485	0.87	1.14
6/22/2010 16:15:00	19.637461	0.88	1.14
6/22/2010 16:30:00	19.623106	0.90	1.13
6/22/2010 16:45:00	19.619234	0.90	1.13
6/22/2010 17:00:00	19.613752	0.91	1.13
6/22/2010 17:15:00	19.607126	0.91	1.14
6/22/2010 17:30:00	19.599058	0.92	1.13
6/22/2010 17:45:00	19.595383	0.92	1.14

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/22/2010 2:30	19.384588	1.10	1.35
6/22/2010 2:45	19.355333	1.12	1.37
6/22/2010 3:00	19.325762	1.15	1.40
6/22/2010 3:15	19.299559	1.18	1.43
6/22/2010 3:30	19.27515	1.20	1.45
6/22/2010 3:45	19.254152	1.23	1.50
6/22/2010 4:00	19.237062	1.24	1.51
6/22/2010 4:15	19.218912	1.26	1.53
6/22/2010 4:30	19.205334	1.27	1.55
6/22/2010 4:45	19.19632	1.28	1.55
6/22/2010 5:00	19.186323	1.29	1.57
6/22/2010 5:15	19.18593	1.29	1.57
6/22/2010 5:30	19.190107	1.29	1.58
6/22/2010 5:45	19.19659	1.28	1.56
6/22/2010 6:00	19.20047	1.28	1.57
6/22/2010 6:15	19.208597	1.27	1.56
6/22/2010 6:30	19.219656	1.26	1.56
6/22/2010 6:45	19.234426	1.25	1.55
6/22/2010 7:00	19.25079	1.23	1.53
6/22/2010 7:15	19.26799	1.21	1.51
6/22/2010 7:30	19.285627	1.19	1.49
6/22/2010 7:45	19.298038	1.18	1.48
6/22/2010 8:00	19.315384	1.16	1.46
6/22/2010 8:15	19.337301	1.14	1.44
6/22/2010 8:30	19.360001	1.12	1.42
6/22/2010 8:45	19.380589	1.10	1.40
6/22/2010 9:00	19.401276	1.08	1.38
6/22/2010 9:15	19.419582	1.06	1.36
6/22/2010 9:30	19.433584	1.05	1.35
6/22/2010 9:45	19.452587	1.03	1.33
6/22/2010 10:00	19.476299	1.00	1.30
6/22/2010 10:15	19.498247	0.98	1.28
6/22/2010 10:30	19.517183	0.96	1.26
6/22/2010 10:45	19.535864	0.94	1.24
6/22/2010 11:00	19.551546	0.93	1.23
6/22/2010 11:15	19.568281	0.91	1.21
6/22/2010 11:30	19.580425	0.90	1.20
6/22/2010 11:45	19.589579	0.89	1.19
6/22/2010 12:00	19.594599	0.89	1.19
6/22/2010 12:15	19.59399	0.89	1.18
6/22/2010 12:30	19.592596	0.89	1.18
6/22/2010 12:45	19.585333	0.89	1.17
6/22/2010 13:00	19.576214	0.90	1.17
6/22/2010 13:15	19.561842	0.92	1.18
6/22/2010 13:30	19.546568	0.93	1.18
6/22/2010 13:45	19.531933	0.95	1.20
6/22/2010 14:00	19.514597	0.97	1.21
6/22/2010 14:15	19.492983	0.99	1.22
6/22/2010 14:30	19.47224	1.01	1.24
6/22/2010 14:45	19.447721	1.03	1.26
6/22/2010 15:00	19.427828	1.05	1.27
6/22/2010 15:15	19.417704	1.06	1.28
6/22/2010 15:30	19.395893	1.08	1.29
6/22/2010 15:45	19.380367	1.10	1.31
6/22/2010 16:00	19.365311	1.11	1.32
6/22/2010 16:15	19.347231	1.13	1.34
6/22/2010 16:30	19.333984	1.15	1.34
6/22/2010 16:45	19.324749	1.16	1.35
6/22/2010 17:00	19.321989	1.16	1.34
6/22/2010 17:15	19.321062	1.16	1.34
6/22/2010 17:30	19.315256	1.16	1.33
6/22/2010 17:45	19.3186	1.16	1.33
6/22/2010 18:00	19.323889	1.16	1.33
6/22/2010 18:15	19.332825	1.15	1.32
6/22/2010 18:30	19.339664	1.14	1.31
6/22/2010 18:45	19.347164	1.13	1.29
6/22/2010 19:00	19.356754	1.12	1.28
6/22/2010 19:15	19.37207	1.11	1.31
6/22/2010 19:30	19.384094	1.10	1.27

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/22/2010 0:45	19.770792	0.67	0.91
6/22/2010 1:00	19.719259	0.72	0.96
6/22/2010 1:15	19.667736	0.77	1.01
6/22/2010 1:30	19.614933	0.83	1.07
6/22/2010 1:45	19.56937	0.87	1.11
6/22/2010 2:00	19.524197	0.92	1.16
6/22/2010 2:15	19.476847	0.96	1.20
6/22/2010 2:30	19.436361	1.00	1.23
6/22/2010 2:45	19.393036	1.05	1.28
6/22/2010 3:00	19.351177	1.09	1.32
6/22/2010 3:15	19.311953	1.13	1.36
6/22/2010 3:30	19.285627	1.15	1.38
6/22/2010 3:45	19.258183	1.18	1.43
6/22/2010 4:00	19.240545	1.20	1.45
6/22/2010 4:15	19.222059	1.22	1.47
6/22/2010 4:30	19.206404	1.23	1.48
6/22/2010 4:45	19.192869	1.25	1.50
6/22/2010 5:00	19.194971	1.25	1.50
6/22/2010 5:15	19.207291	1.23	1.48
6/22/2010 5:30	19.227285	1.21	1.47
6/22/2010 5:45	19.246721	1.19	1.44
6/22/2010 6:00	19.260721	1.18	1.44
6/22/2010 6:15	19.280304	1.16	1.42
6/22/2010 6:30	19.303953	1.14	1.41
6/22/2010 6:45	19.338247	1.10	1.37
6/22/2010 7:00	19.369947	1.07	1.35
6/22/2010 7:15	19.40251	1.04	1.31
6/22/2010 7:30	19.431879	1.01	1.29
6/22/2010 7:45	19.455715	0.98	1.26
6/22/2010 8:00	19.488668	0.95	1.23
6/22/2010 8:15	19.521822	0.92	1.20
6/22/2010 8:30	19.554966	0.89	1.17
6/22/2010 8:45	19.586838	0.85	1.13
6/22/2010 9:00	19.620411	0.82	1.10
6/22/2010 9:15	19.648596	0.79	1.06
6/22/2010 9:30	19.67642	0.76	1.03
6/22/2010 9:45	19.709597	0.73	1.01
6/22/2010 10:00	19.742773	0.70	0.98
6/22/2010 10:15	19.771559	0.67	0.94
6/22/2010 10:30	19.797564	0.64	0.91
6/22/2010 10:45	19.824146	0.62	0.89
6/22/2010 11:00	19.845606	0.59	0.86
6/22/2010 11:15	19.864256	0.58	0.85
6/22/2010 11:30	19.877813	0.56	0.83
6/22/2010 11:45	19.885426	0.55	0.82
6/22/2010 12:00	19.882589	0.56	0.83
6/22/2010 12:15	19.870625	0.57	0.83
6/22/2010 12:30	19.85998	0.58	0.84
6/22/2010 12:45	19.842381	0.60	0.85
6/22/2010 13:00	19.816038	0.62	0.87
6/22/2010 13:15	19.788736	0.65	0.89
6/22/2010 13:30	19.76791	0.67	0.90
6/22/2010 13:45	19.739252	0.70	0.92
6/22/2010 14:00	19.702082	0.74	0.96
6/22/2010 14:15	19.66888	0.77	0.98
6/22/2010 14:30	19.631847	0.81	1.02
6/22/2010 14:45	19.587652	0.85	1.06
6/22/2010 15:00	19.56389	0.88	1.08
6/22/2010 15:15	19.542143	0.90	1.10
6/22/2010 15:30	19.514154	0.93	1.12
6/22/2010 15:45	19.494846	0.95	1.14
6/22/2010 16:00	19.470661	0.97	1.16
6/22/2010 16:15	19.449972	0.99	1.17
6/22/2010 16:30	19.426311	1.01	1.18
6/22/2010 16:45	19.419863	1.02	1.19
6/22/2010 17:00	19.428043	1.01	1.17
6/22/2010 17:15	19.427752	1.01	1.17
6/22/2010 17:30	19.438124	1.00	1.15
6/22/2010 17:45	19.449289	0.99	1.14

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/22/2010 18:00:00	19.591967	0.93	1.14
6/22/2010 18:15:00	19.592403	0.93	1.14
6/22/2010 18:30:00	19.588131	0.93	1.14
6/22/2010 18:45:00	19.583645	0.94	1.14
6/22/2010 19:00:00	19.580326	0.94	1.14
6/22/2010 19:15:00	19.609758	0.91	1.15
6/22/2010 19:30:00	19.580423	0.94	1.15
6/22/2010 19:45:00	19.587284	0.93	1.13
6/22/2010 20:00:00	19.591557	0.93	1.15
6/22/2010 20:15:00	19.583448	0.94	1.14
6/22/2010 20:30:00	19.594336	0.93	1.14
6/22/2010 20:45:00	19.598162	0.92	1.13
6/22/2010 21:00:00	19.601807	0.92	1.13
6/22/2010 21:15:00	19.615183	0.90	1.13
6/22/2010 21:30:00	19.621817	0.90	1.14
6/22/2010 21:45:00	19.626064	0.89	1.14
6/22/2010 22:00:00	19.628958	0.89	1.15
6/22/2010 22:15:00	19.637571	0.88	1.15
6/22/2010 22:30:00	19.64572	0.87	1.14
6/22/2010 22:45:00	19.6525	0.87	1.13
6/22/2010 23:00:00	19.657866	0.86	1.14
6/22/2010 23:15:00	19.663244	0.86	1.12
6/22/2010 23:30:00	19.669966	0.85	1.13
6/22/2010 23:45:00	19.671427	0.85	1.13
6/23/2010 0:00:00	19.680628	0.84	1.12
6/23/2010 0:15:00	19.683064	0.84	1.11
6/23/2010 0:30:00	19.684433	0.84	1.10
6/23/2010 0:45:00	19.682602	0.84	1.09
6/23/2010 1:00:00	19.675474	0.84	1.11
6/23/2010 1:15:00	19.666504	0.85	1.11
6/23/2010 1:30:00	19.659428	0.86	1.12
6/23/2010 1:45:00	19.651674	0.87	1.12
6/23/2010 2:00:00	19.644699	0.88	1.12
6/23/2010 2:15:00	19.637056	0.88	1.13
6/23/2010 2:30:00	19.624819	0.90	1.14
6/23/2010 2:45:00	19.61377	0.91	1.15
6/23/2010 3:00:00	19.592669	0.93	1.15
6/23/2010 3:15:00	19.579823	0.94	1.17
6/23/2010 3:30:00	19.565235	0.95	1.19
6/23/2010 3:45:00	19.553024	0.97	1.20
6/23/2010 4:00:00	19.53686	0.98	1.22
6/23/2010 4:15:00	19.523916	1.00	1.23
6/23/2010 4:30:00	19.50705	1.01	1.25
6/23/2010 4:45:00	19.489811	1.03	1.26
6/23/2010 5:00:00	19.4844	1.04	1.28
6/23/2010 5:15:00	19.470005	1.05	1.30
6/23/2010 5:30:00	19.4501	1.07	1.32
6/23/2010 5:45:00	19.431353	1.09	1.33
6/23/2010 6:00:00	19.416777	1.10	1.34
6/23/2010 6:15:00	19.403643	1.12	1.35
6/23/2010 6:30:00	19.39736	1.12	1.37
6/23/2010 6:45:00	19.389164	1.13	1.39
6/23/2010 7:00:00	19.381392	1.14	1.40
6/23/2010 7:15:00	19.371618	1.15	1.41
6/23/2010 7:30:00	19.366087	1.15	1.43
6/23/2010 7:45:00	19.362965	1.16	1.44
6/23/2010 8:00:00	19.361456	1.16	1.44
6/23/2010 8:15:00	19.352446	1.17	1.46
6/23/2010 8:30:00	19.348181	1.17	1.47
6/23/2010 8:45:00	19.344706	1.18	1.47
6/23/2010 9:00:00	19.341425	1.18	1.48
6/23/2010 9:15:00	19.341013	1.18	1.48
6/23/2010 9:30:00	19.333517	1.19	1.47
6/23/2010 9:45:00	19.338772	1.18	1.47
6/23/2010 10:00:00	19.336643	1.18	1.46
6/23/2010 10:15:00	19.34494	1.18	1.45
6/23/2010 10:30:00	19.354679	1.17	1.44
6/23/2010 10:45:00	19.36223	1.16	1.43
6/23/2010 11:00:00	19.365725	1.15	1.42

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/22/2010 19:45	19.392498	1.09	1.25
6/22/2010 20:00	19.395584	1.08	1.26
6/22/2010 20:15	19.39529	1.08	1.24
6/22/2010 20:30	19.435894	1.04	1.21
6/22/2010 20:45	19.426128	1.05	1.22
6/22/2010 21:00	19.436903	1.04	1.21
6/22/2010 21:15	19.461382	1.02	1.20
6/22/2010 21:30	19.469442	1.01	1.21
6/22/2010 21:45	19.486662	0.99	1.19
6/22/2010 22:00	19.490164	0.99	1.20
6/22/2010 22:15	19.494356	0.99	1.20
6/22/2010 22:30	19.515768	0.96	1.17
6/22/2010 22:45	19.51647	0.96	1.17
6/22/2010 23:00	19.527384	0.95	1.17
6/22/2010 23:15	19.528885	0.95	1.16
6/22/2010 23:30	19.510437	0.97	1.19
6/22/2010 23:45	19.53776	0.94	1.17
6/23/2010 0:00	19.569826	0.91	1.13
6/23/2010 0:15	19.55023	0.93	1.15
6/23/2010 0:30	19.528185	0.95	1.16
6/23/2010 0:45	19.471579	1.01	1.22
6/23/2010 1:00	19.410509	1.07	1.28
6/23/2010 1:15	19.398102	1.08	1.29
6/23/2010 1:30	19.389002	1.09	1.30
6/23/2010 1:45	19.388718	1.09	1.30
6/23/2010 2:00	19.383083	1.10	1.30
6/23/2010 2:15	19.331528	1.15	1.35
6/23/2010 2:30	19.288776	1.19	1.39
6/23/2010 2:45	19.245163	1.23	1.43
6/23/2010 3:00	19.206934	1.27	1.45
6/23/2010 3:15	19.192236	1.29	1.48
6/23/2010 3:30	19.169189	1.31	1.50
6/23/2010 3:45	19.144213	1.34	1.53
6/23/2010 4:00	19.113966	1.37	1.56
6/23/2010 4:15	19.086197	1.39	1.58
6/23/2010 4:30	19.056246	1.42	1.61
6/23/2010 4:45	19.031475	1.45	1.64
6/23/2010 5:00	19.021282	1.46	1.66
6/23/2010 5:15	19.009287	1.47	1.68
6/23/2010 5:30	19.002407	1.48	1.69
6/23/2010 5:45	19.000198	1.48	1.68
6/23/2010 6:00	18.988468	1.49	1.68
6/23/2010 6:15	18.984116	1.50	1.69
6/23/2010 6:30	18.98287	1.50	1.70
6/23/2010 6:45	18.990583	1.49	1.70
6/23/2010 7:00	19.004393	1.48	1.69
6/23/2010 7:15	19.02301	1.46	1.67
6/23/2010 7:30	19.04549	1.43	1.65
6/23/2010 7:45	19.060398	1.42	1.65
6/23/2010 8:00	19.076578	1.40	1.63
6/23/2010 8:15	19.089464	1.39	1.63
6/23/2010 8:30	19.107712	1.37	1.61
6/23/2010 8:45	19.126143	1.35	1.59
6/23/2010 9:00	19.150131	1.33	1.57
6/23/2010 9:15	19.172535	1.31	1.55
6/23/2010 9:30	19.193197	1.29	1.52
6/23/2010 9:45	19.214422	1.27	1.50
6/23/2010 10:00	19.237087	1.24	1.46
6/23/2010 10:15	19.256771	1.22	1.44
6/23/2010 10:30	19.282894	1.20	1.42
6/23/2010 10:45	19.307108	1.17	1.39
6/23/2010 11:00	19.332388	1.15	1.36
6/23/2010 11:15	19.353628	1.13	1.35
6/23/2010 11:30	19.378311	1.10	1.31
6/23/2010 11:45	19.402069	1.08	1.29
6/23/2010 12:00	19.420042	1.06	1.27
6/23/2010 12:15	19.434093	1.05	1.26
6/23/2010 12:30	19.449511	1.03	1.23
6/23/2010 12:45	19.460073	1.02	1.22

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/22/2010 18:00	19.461752	0.98	1.13
6/22/2010 18:15	19.480608	0.96	1.11
6/22/2010 18:30	19.49349	0.95	1.10
6/22/2010 18:45	19.512268	0.93	1.08
6/22/2010 19:00	19.524715	0.92	1.07
6/22/2010 19:15	19.547911	0.89	1.07
6/22/2010 19:30	19.578592	0.86	1.01
6/22/2010 19:45	19.588619	0.85	1.00
6/22/2010 20:00	19.58202	0.86	1.02
6/22/2010 20:15	19.592028	0.85	1.00
6/22/2010 20:30	19.663187	0.78	0.93
6/22/2010 20:45	19.615097	0.82	0.97
6/22/2010 21:00	19.650463	0.79	0.94
6/22/2010 21:15	19.687328	0.75	0.91
6/22/2010 21:30	19.687578	0.75	0.93
6/22/2010 21:45	19.722452	0.72	0.90
6/22/2010 22:00	19.712294	0.73	0.91
6/22/2010 22:15	19.728985	0.71	0.90
6/22/2010 22:30	19.766819	0.67	0.86
6/22/2010 22:45	19.753498	0.69	0.88
6/22/2010 23:00	19.775431	0.66	0.86
6/22/2010 23:15	19.759556	0.68	0.87
6/22/2010 23:30	19.713419	0.73	0.93
6/22/2010 23:45	19.792469	0.65	0.86
6/23/2010 0:00	19.848318	0.59	0.79
6/23/2010 0:15	19.777569	0.66	0.86
6/23/2010 0:30	19.735706	0.70	0.89
6/23/2010 0:45	19.600641	0.84	1.02
6/23/2010 1:00	19.500809	0.94	1.13
6/23/2010 1:15	19.509928	0.93	1.11
6/23/2010 1:30	19.494663	0.95	1.13
6/23/2010 1:45	19.517664	0.92	1.10
6/23/2010 2:00	19.500456	0.94	1.12
6/23/2010 2:15	19.389257	1.05	1.23
6/23/2010 2:30	19.332819	1.11	1.29
6/23/2010 2:45	19.253704	1.19	1.37
6/23/2010 3:00	19.207325	1.23	1.39
6/23/2010 3:15	19.200962	1.24	1.41
6/23/2010 3:30	19.173519	1.27	1.44
6/23/2010 3:45	19.136747	1.30	1.47
6/23/2010 4:00	19.091152	1.35	1.52
6/23/2010 4:15	19.049301	1.39	1.56
6/23/2010 4:30	19.007236	1.43	1.60
6/23/2010 4:45	18.976622	1.46	1.63
6/23/2010 5:00	18.972683	1.47	1.65
6/23/2010 5:15	18.966379	1.47	1.65
6/23/2010 5:30	18.972683	1.47	1.65
6/23/2010 5:45	18.983667	1.46	1.64
6/23/2010 6:00	18.968555	1.47	1.64
6/23/2010 6:15	18.970831	1.47	1.64
6/23/2010 6:30	18.977098	1.46	1.64
6/23/2010 6:45	18.999208	1.44	1.62
6/23/2010 7:00	19.034254	1.41	1.60
6/23/2010 7:15	19.078024	1.36	1.55
6/23/2010 7:30	19.122103	1.32	1.52
6/23/2010 7:45	19.150042	1.29	1.50
6/23/2010 8:00	19.179968	1.26	1.47
6/23/2010 8:15	19.201586	1.24	1.46
6/23/2010 8:30	19.236155	1.20	1.42
6/23/2010 8:45	19.274252	1.17	1.39
6/23/2010 9:00	19.316099	1.12	1.34
6/23/2010 9:15	19.357861	1.08	1.30
6/23/2010 9:30	19.385777	1.05	1.26
6/23/2010 9:45	19.420027	1.02	1.23
6/23/2010 10:00	19.454967	0.99	1.19
6/23/2010 10:15	19.492275	0.95	1.15
6/23/2010 10:30	19.538019	0.90	1.10
6/23/2010 10:45	19.573734	0.87	1.07
6/23/2010 11:00	19.606245	0.83	1.02

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/23/2010 11:15:00	19.38142	1.14	1.41
6/23/2010 11:30:00	19.387087	1.13	1.40
6/23/2010 11:45:00	19.394339	1.13	1.39
6/23/2010 12:00:00	19.405544	1.11	1.37
6/23/2010 12:15:00	19.417925	1.10	1.36
6/23/2010 12:30:00	19.430387	1.09	1.33
6/23/2010 12:45:00	19.443148	1.08	1.32
6/23/2010 13:00:00	19.454821	1.07	1.31
6/23/2010 13:15:00	19.464315	1.06	1.30
6/23/2010 13:30:00	19.472563	1.05	1.28
6/23/2010 13:45:00	19.480116	1.04	1.27
6/23/2010 14:00:00	19.49127	1.03	1.26
6/23/2010 14:15:00	19.495108	1.02	1.26
6/23/2010 14:30:00	19.504848	1.02	1.24
6/23/2010 14:45:00	19.509562	1.01	1.22
6/23/2010 15:00:00	19.518541	1.00	1.22
6/23/2010 15:15:00	19.522539	1.00	1.21
6/23/2010 15:30:00	19.528278	0.99	1.20
6/23/2010 15:45:00	19.524961	1.00	1.20
6/23/2010 16:00:00	19.525171	0.99	1.20
6/23/2010 16:15:00	19.525173	0.99	1.19
6/23/2010 16:30:00	19.52586	0.99	1.18
6/23/2010 16:45:00	19.52594	0.99	1.17
6/23/2010 17:00:00	19.524994	1.00	1.16
6/23/2010 17:15:00	19.530685	0.99	1.16
6/23/2010 17:30:00	19.526814	0.99	1.15
6/23/2010 17:45:00	19.534557	0.99	1.14
6/23/2010 18:00:00	19.530718	0.99	1.15
6/23/2010 18:15:00	19.533888	0.99	1.16
6/23/2010 18:30:00	19.540634	0.98	1.15
6/23/2010 18:45:00	19.541517	0.98	1.15
6/23/2010 19:00:00	19.547169	0.97	1.14
6/23/2010 19:15:00	19.554245	0.97	1.15
6/23/2010 19:30:00	19.555124	0.96	1.15
6/23/2010 19:45:00	19.559256	0.96	1.14
6/23/2010 20:00:00	19.563856	0.96	1.14
6/23/2010 20:15:00	19.565985	0.95	1.12
6/23/2010 20:30:00	19.573269	0.95	1.12
6/23/2010 20:45:00	19.577677	0.94	1.11
6/23/2010 21:00:00	19.58795	0.93	1.10
6/23/2010 21:15:00	19.596991	0.92	1.09
6/23/2010 21:30:00	19.599092	0.92	1.10
6/23/2010 21:45:00	19.605429	0.91	1.07
6/23/2010 22:00:00	19.612457	0.91	1.07
6/23/2010 22:15:00	19.616831	0.90	1.05
6/23/2010 22:30:00	19.62447	0.90	1.04
6/23/2010 22:45:00	19.630686	0.89	1.03
6/23/2010 23:00:00	19.640661	0.88	1.01
6/23/2010 23:15:00	19.645769	0.87	0.99
6/23/2010 23:30:00	19.65353	0.87	0.98
6/23/2010 23:45:00	19.668798	0.85	0.97
6/24/2010 0:00:00	19.677826	0.84	0.97
6/24/2010 0:15:00	19.684139	0.84	0.97
6/24/2010 0:30:00	19.690811	0.83	0.97
6/24/2010 0:45:00	19.699738	0.82	0.96
6/24/2010 1:00:00	19.701847	0.82	0.97
6/24/2010 1:15:00	19.703842	0.82	0.96
6/24/2010 1:30:00	19.70908	0.81	0.95
6/24/2010 1:45:00	19.707333	0.81	0.95
6/24/2010 2:00:00	19.709021	0.81	0.95
6/24/2010 2:15:00	19.711258	0.81	0.96
6/24/2010 2:30:00	19.706539	0.81	0.95
6/24/2010 2:45:00	19.700222	0.82	0.96
6/24/2010 3:00:00	19.69441	0.83	0.95
6/24/2010 3:15:00	19.683514	0.84	0.96
6/24/2010 3:30:00	19.678371	0.84	0.96
6/24/2010 3:45:00	19.663517	0.86	0.97
6/24/2010 4:00:00	19.648172	0.87	0.99
6/24/2010 4:15:00	19.63892	0.88	1.00

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/23/2010 13:00	19.457821	1.02	1.22
6/23/2010 13:15	19.457767	1.02	1.22
6/23/2010 13:30	19.463751	1.02	1.21
6/23/2010 13:45	19.46402	1.02	1.21
6/23/2010 14:00	19.465376	1.01	1.20
6/23/2010 14:15	19.461649	1.02	1.21
6/23/2010 14:30	19.453314	1.03	1.21
6/23/2010 14:45	19.444593	1.04	1.21
6/23/2010 15:00	19.428364	1.05	1.23
6/23/2010 15:15	19.422623	1.06	1.23
6/23/2010 15:30	19.413021	1.07	1.24
6/23/2010 15:45	19.390503	1.09	1.25
6/23/2010 16:00	19.381861	1.10	1.26
6/23/2010 16:15	19.372305	1.11	1.27
6/23/2010 16:30	19.361792	1.12	1.28
6/23/2010 16:45	19.354015	1.13	1.28
6/23/2010 17:00	19.350962	1.13	1.27
6/23/2010 17:15	19.3559	1.12	1.26
6/23/2010 17:30	19.358103	1.12	1.25
6/23/2010 17:45	19.35779	1.12	1.25
6/23/2010 18:00	19.36005	1.12	1.25
6/23/2010 18:15	19.36199	1.12	1.26
6/23/2010 18:30	19.369661	1.11	1.25
6/23/2010 18:45	19.381216	1.10	1.24
6/23/2010 19:00	19.392763	1.09	1.23
6/23/2010 19:15	19.407558	1.07	1.22
6/23/2010 19:30	19.420622	1.06	1.21
6/23/2010 19:45	19.431334	1.05	1.20
6/23/2010 20:00	19.444016	1.04	1.19
6/23/2010 20:15	19.45726	1.02	1.16
6/23/2010 20:30	19.47904	1.00	1.14
6/23/2010 20:45	19.497221	0.98	1.12
6/23/2010 21:00	19.515818	0.96	1.10
6/23/2010 21:15	19.532963	0.95	1.09
6/23/2010 21:30	19.54175	0.94	1.09
6/23/2010 21:45	19.557089	0.92	1.05
6/23/2010 22:00	19.573833	0.91	1.04
6/23/2010 22:15	19.591949	0.89	1.01
6/23/2010 22:30	19.607935	0.87	0.99
6/23/2010 22:45	19.62006	0.86	0.97
6/23/2010 23:00	19.636812	0.84	0.95
6/23/2010 23:15	19.647062	0.83	0.93
6/23/2010 23:30	19.654978	0.83	0.93
6/23/2010 23:45	19.658102	0.82	0.92
6/24/2010 0:00	19.661625	0.82	0.93
6/24/2010 0:15	19.662405	0.82	0.93
6/24/2010 0:30	19.658323	0.82	0.93
6/24/2010 0:45	19.652445	0.83	0.94
6/24/2010 1:00	19.642941	0.84	0.96
6/24/2010 1:15	19.632095	0.85	0.97
6/24/2010 1:30	19.616598	0.86	0.97
6/24/2010 1:45	19.594997	0.89	1.00
6/24/2010 2:00	19.571089	0.91	1.02
6/24/2010 2:15	19.546011	0.93	1.05
6/24/2010 2:30	19.517969	0.96	1.07
6/24/2010 2:45	19.488749	0.99	1.10
6/24/2010 3:00	19.457041	1.02	1.13
6/24/2010 3:15	19.424362	1.06	1.17
6/24/2010 3:30	19.382795	1.10	1.20
6/24/2010 3:45	19.348166	1.13	1.23
6/24/2010 4:00	19.311798	1.17	1.27
6/24/2010 4:15	19.278933	1.20	1.30
6/24/2010 4:30	19.251875	1.23	1.33
6/24/2010 4:45	19.221531	1.26	1.36
6/24/2010 5:00	19.197119	1.28	1.37
6/24/2010 5:15	19.167313	1.31	1.40
6/24/2010 5:30	19.140932	1.34	1.42
6/24/2010 5:45	19.11725	1.36	1.45
6/24/2010 6:00	19.099394	1.38	1.47

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/23/2010 11:15	19.635212	0.80	1.00
6/23/2010 11:30	19.668585	0.77	0.96
6/23/2010 11:45	19.704172	0.74	0.93
6/23/2010 12:00	19.724337	0.72	0.90
6/23/2010 12:15	19.742388	0.70	0.88
6/23/2010 12:30	19.763294	0.68	0.86
6/23/2010 12:45	19.764956	0.68	0.86
6/23/2010 13:00	19.748678	0.69	0.87
6/23/2010 13:15	19.733917	0.71	0.89
6/23/2010 13:30	19.736725	0.70	0.87
6/23/2010 13:45	19.732347	0.71	0.88
6/23/2010 14:00	19.725775	0.71	0.88
6/23/2010 14:15	19.715513	0.72	0.89
6/23/2010 14:30	19.705078	0.73	0.89
6/23/2010 14:45	19.680174	0.76	0.91
6/23/2010 15:00	19.648886	0.79	0.95
6/23/2010 15:15	19.636566	0.80	0.95
6/23/2010 15:30	19.607721	0.83	0.98
6/23/2010 15:45	19.571104	0.87	1.02
6/23/2010 16:00	19.555658	0.88	1.03
6/23/2010 16:15	19.535776	0.90	1.04
6/23/2010 16:30	19.531126	0.91	1.05
6/23/2010 16:45	19.52002	0.92	1.05
6/23/2010 17:00	19.522512	0.92	1.04
6/23/2010 17:15	19.527012	0.91	1.03
6/23/2010 17:30	19.520487	0.92	1.04
6/23/2010 17:45	19.527578	0.91	1.03
6/23/2010 18:00	19.533609	0.91	1.03
6/23/2010 18:15	19.537769	0.90	1.02
6/23/2010 18:30	19.559834	0.88	1.00
6/23/2010 18:45	19.579676	0.86	0.98
6/23/2010 19:00	19.598772	0.84	0.96
6/23/2010 19:15	19.623014	0.82	0.95
6/23/2010 19:30	19.644941	0.80	0.93
6/23/2010 19:45	19.66151	0.78	0.91
6/23/2010 20:00	19.681076	0.76	0.89
6/23/2010 20:15	19.709341	0.73	0.85
6/23/2010 20:30	19.742956	0.70	0.82
6/23/2010 20:45	19.770824	0.67	0.79
6/23/2010 21:00	19.792027	0.65	0.77
6/23/2010 21:15	19.817461	0.62	0.74
6/23/2010 21:30	19.836094	0.60	0.73
6/23/2010 21:45	19.855419	0.58	0.70
6/23/2010 22:00	19.878263	0.56	0.68
6/23/2010 22:15	19.903166	0.54	0.65
6/23/2010 22:30	19.924227	0.52	0.63
6/23/2010 22:45	19.945196	0.49	0.59
6/23/2010 23:00	19.967707	0.47	0.56
6/23/2010 23:15	19.978525	0.46	0.54
6/23/2010 23:30	19.986166	0.45	0.53
6/23/2010 23:45	19.98572	0.45	0.53
6/24/2010 0:00	19.980436	0.46	0.55
6/24/2010 0:15	19.975052	0.46	0.56
6/24/2010 0:30	19.961027	0.48	0.58
6/24/2010 0:45	19.937893	0.50	0.60
6/24/2010 1:00	19.917013	0.52	0.63
6/24/2010 1:15	19.895905	0.54	0.65
6/24/2010 1:30	19.858856	0.58	0.68
6/24/2010 1:45	19.81712	0.62	0.72
6/24/2010 2:00	19.772461	0.67	0.77
6/24/2010 2:15	19.719761	0.72	0.83
6/24/2010 2:30	19.671133	0.77	0.87
6/24/2010 2:45	19.619709	0.82	0.92
6/24/2010 3:00	19.570831	0.87	0.96
6/24/2010 3:15	19.518747	0.92	1.01
6/24/2010 3:30	19.460186	0.98	1.06
6/24/2010 3:45	19.407679	1.03	1.11
6/24/2010 4:00	19.349993	1.09	1.17
6/24/2010 4:15	19.304047	1.14	1.22

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/24/2010 4:30:00	19.623976	0.90	1.01
6/24/2010 4:45:00	19.606491	0.91	1.03
6/24/2010 5:00:00	19.585562	0.93	1.04
6/24/2010 5:15:00	19.56901	0.95	1.06
6/24/2010 5:30:00	19.554535	0.97	1.06
6/24/2010 5:45:00	19.543087	0.98	1.08
6/24/2010 6:00:00	19.527866	0.99	1.10
6/24/2010 6:15:00	19.514984	1.01	1.10
6/24/2010 6:30:00	19.500401	1.02	1.13
6/24/2010 6:45:00	19.483355	1.04	1.14
6/24/2010 7:00:00	19.470463	1.05	1.14
6/24/2010 7:15:00	19.454782	1.07	1.15
6/24/2010 7:30:00	19.441603	1.08	1.15
6/24/2010 7:45:00	19.437332	1.08	1.16
6/24/2010 8:00:00	19.427866	1.09	1.17
6/24/2010 8:15:00	19.422939	1.10	1.17
6/24/2010 8:30:00	19.413792	1.11	1.18
6/24/2010 8:45:00	19.403702	1.12	1.17
6/24/2010 9:00:00	19.402403	1.12	1.17
6/24/2010 9:15:00	19.405849	1.11	1.18
6/24/2010 9:30:00	19.404663	1.12	1.17
6/24/2010 9:45:00	19.404354	1.12	1.17
6/24/2010 10:00:00	19.404522	1.12	1.16
6/24/2010 10:15:00	19.409479	1.11	1.16
6/24/2010 10:30:00	19.414167	1.11	1.16
6/24/2010 10:45:00	19.419189	1.10	1.14
6/24/2010 11:00:00	19.424082	1.10	1.14
6/24/2010 11:15:00	19.43614	1.08	1.13
6/24/2010 11:30:00	19.44338	1.08	1.12
6/24/2010 11:45:00	19.453457	1.07	1.11
6/24/2010 12:00:00	19.464916	1.06	1.11
6/24/2010 12:15:00	19.473873	1.05	1.09
6/24/2010 12:30:00	19.47986	1.04	1.08
6/24/2010 12:45:00	19.493536	1.03	1.07
6/24/2010 13:00:00	19.498373	1.02	1.05
6/24/2010 13:15:00	19.508652	1.01	1.03
6/24/2010 13:30:00	19.517881	1.00	1.01
6/24/2010 13:45:00	19.528582	0.99	0.99
6/24/2010 14:00:00	19.531401	0.99	0.98
6/24/2010 14:15:00	19.543104	0.98	0.96
6/24/2010 14:30:00	19.560423	0.96	0.94
6/24/2010 14:45:00	19.569025	0.95	0.94
6/24/2010 15:00:00	19.572458	0.95	0.93
6/24/2010 15:15:00	19.578766	0.94	0.92
6/24/2010 15:30:00	19.593729	0.93	0.92
6/24/2010 15:45:00	19.591949	0.93	0.92
6/24/2010 16:00:00	19.591679	0.93	0.91
6/24/2010 16:15:00	19.593237	0.93	0.91
6/24/2010 16:30:00	19.595964	0.92	0.90
6/24/2010 16:45:00	19.594213	0.93	0.89
6/24/2010 17:00:00	19.592754	0.93	0.90
6/24/2010 17:15:00	19.598406	0.92	0.89
6/24/2010 17:30:00	19.607092	0.91	0.90
6/24/2010 17:45:00	19.598284	0.92	0.91
6/24/2010 18:00:00	19.596422	0.92	0.91
6/24/2010 18:15:00	19.590895	0.93	0.93
6/24/2010 18:30:00	19.584848	0.94	0.94
6/24/2010 18:45:00	19.58548	0.93	0.95
6/24/2010 19:00:00	19.580395	0.94	0.95
6/24/2010 19:15:00	19.587662	0.93	0.95
6/24/2010 19:30:00	19.587679	0.93	0.95
6/24/2010 19:45:00	19.590799	0.93	0.96
6/24/2010 20:00:00	19.592701	0.93	0.97
6/24/2010 20:15:00	19.593273	0.93	0.97
6/24/2010 20:30:00	19.590651	0.93	0.97
6/24/2010 20:45:00	19.59573	0.92	0.98
6/24/2010 21:00:00	19.602295	0.92	0.98
6/24/2010 21:15:00	19.613422	0.91	0.97
6/24/2010 21:30:00	19.623093	0.90	0.97

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/24/2010 6:15	19.083872	1.40	1.48
6/24/2010 6:30	19.072153	1.41	1.50
6/24/2010 6:45	19.068661	1.41	1.50
6/24/2010 7:00	19.064213	1.42	1.50
6/24/2010 7:15	19.064619	1.42	1.49
6/24/2010 7:30	19.066654	1.41	1.48
6/24/2010 7:45	19.06893	1.41	1.48
6/24/2010 8:00	19.077711	1.40	1.47
6/24/2010 8:15	19.087025	1.39	1.46
6/24/2010 8:30	19.097988	1.38	1.45
6/24/2010 8:45	19.112207	1.37	1.42
6/24/2010 9:00	19.12808	1.35	1.40
6/24/2010 9:15	19.146143	1.33	1.39
6/24/2010 9:30	19.161819	1.32	1.37
6/24/2010 9:45	19.181772	1.30	1.35
6/24/2010 10:00	19.19829	1.28	1.32
6/24/2010 10:15	19.225912	1.25	1.30
6/24/2010 10:30	19.253244	1.23	1.28
6/24/2010 10:45	19.284811	1.20	1.24
6/24/2010 11:00	19.308298	1.17	1.21
6/24/2010 11:15	19.332352	1.15	1.19
6/24/2010 11:30	19.351559	1.13	1.17
6/24/2010 11:45	19.370111	1.11	1.15
6/24/2010 12:00	19.3887	1.09	1.14
6/24/2010 12:15	19.409222	1.07	1.11
6/24/2010 12:30	19.437138	1.04	1.08
6/24/2010 12:45	19.465878	1.01	1.05
6/24/2010 13:00	19.479141	1.00	1.03
6/24/2010 13:15	19.490078	0.99	1.01
6/24/2010 13:30	19.495356	0.98	1.00
6/24/2010 13:45	19.492252	0.99	1.00
6/24/2010 14:00	19.493931	0.99	0.99
6/24/2010 14:15	19.50119	0.98	0.97
6/24/2010 14:30	19.499908	0.98	0.97
6/24/2010 14:45	19.502733	0.98	0.98
6/24/2010 15:00	19.499878	0.98	0.97
6/24/2010 15:15	19.49412	0.99	0.98
6/24/2010 15:30	19.490515	0.99	0.99
6/24/2010 15:45	19.478464	1.00	1.00
6/24/2010 16:00	19.46034	1.02	1.01
6/24/2010 16:15	19.444361	1.04	1.03
6/24/2010 16:30	19.422915	1.06	1.05
6/24/2010 16:45	19.41713	1.06	1.04
6/24/2010 17:00	19.416443	1.06	1.04
6/24/2010 17:15	19.408113	1.07	1.05
6/24/2010 17:30	19.407383	1.07	1.07
6/24/2010 17:45	19.385633	1.09	1.09
6/24/2010 18:00	19.36224	1.12	1.12
6/24/2010 18:15	19.334635	1.15	1.16
6/24/2010 18:30	19.313116	1.17	1.18
6/24/2010 18:45	19.347446	1.13	1.15
6/24/2010 19:00	19.379175	1.10	1.12
6/24/2010 19:15	19.395706	1.08	1.10
6/24/2010 19:30	19.396273	1.08	1.10
6/24/2010 19:45	19.395575	1.08	1.11
6/24/2010 20:00	19.395168	1.08	1.12
6/24/2010 20:15	19.392866	1.09	1.13
6/24/2010 20:30	19.41456	1.07	1.11
6/24/2010 20:45	19.417377	1.06	1.11
6/24/2010 21:00	19.438181	1.04	1.10
6/24/2010 21:15	19.488077	0.99	1.05
6/24/2010 21:30	19.526989	0.95	1.02
6/24/2010 21:45	19.544535	0.94	1.02
6/24/2010 22:00	19.54701	0.93	1.02
6/24/2010 22:15	19.549576	0.93	1.03
6/24/2010 22:30	19.55654	0.92	1.03
6/24/2010 22:45	19.575918	0.90	1.01
6/24/2010 23:00	19.613573	0.87	0.98
6/24/2010 23:15	19.649137	0.83	0.94

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/24/2010 4:30	19.267778	1.17	1.25
6/24/2010 4:45	19.22817	1.21	1.29
6/24/2010 5:00	19.197826	1.24	1.32
6/24/2010 5:15	19.159527	1.28	1.36
6/24/2010 5:30	19.123316	1.32	1.39
6/24/2010 5:45	19.093737	1.35	1.43
6/24/2010 6:00	19.075918	1.36	1.44
6/24/2010 6:15	19.058224	1.38	1.45
6/24/2010 6:30	19.055544	1.38	1.46
6/24/2010 6:45	19.063761	1.38	1.46
6/24/2010 7:00	19.065762	1.37	1.44
6/24/2010 7:15	19.082642	1.36	1.42
6/24/2010 7:30	19.097851	1.34	1.39
6/24/2010 7:45	19.107794	1.33	1.38
6/24/2010 8:00	19.129929	1.31	1.36
6/24/2010 8:15	19.152853	1.29	1.34
6/24/2010 8:30	19.178812	1.26	1.31
6/24/2010 8:45	19.214811	1.23	1.27
6/24/2010 9:00	19.245565	1.19	1.23
6/24/2010 9:15	19.275982	1.16	1.21
6/24/2010 9:30	19.30652	1.13	1.17
6/24/2010 9:45	19.33378	1.11	1.15
6/24/2010 10:00	19.373095	1.07	1.10
6/24/2010 10:15	19.416464	1.02	1.06
6/24/2010 10:30	19.457088	0.98	1.02
6/24/2010 10:45	19.506304	0.93	0.96
6/24/2010 11:00	19.538136	0.90	0.93
6/24/2010 11:15	19.580172	0.86	0.89
6/24/2010 11:30	19.612705	0.83	0.86
6/24/2010 11:45	19.626406	0.81	0.84
6/24/2010 12:00	19.657125	0.78	0.82
6/24/2010 12:15	19.683241	0.76	0.79
6/24/2010 12:30	19.728708	0.71	0.74
6/24/2010 12:45	19.772083	0.67	0.70
6/24/2010 13:00	19.781116	0.66	0.68
6/24/2010 13:15	19.791691	0.65	0.67
6/24/2010 13:30	19.793016	0.65	0.66
6/24/2010 13:45	19.779127	0.66	0.66
6/24/2010 14:00	19.778532	0.66	0.65
6/24/2010 14:15	19.778616	0.66	0.64
6/24/2010 14:30	19.761288	0.68	0.66
6/24/2010 14:45	19.762014	0.68	0.67
6/24/2010 15:00	19.750853	0.69	0.67
6/24/2010 15:15	19.737411	0.70	0.68
6/24/2010 15:30	19.72253	0.72	0.71
6/24/2010 15:45	19.690809	0.75	0.74
6/24/2010 16:00	19.664003	0.78	0.76
6/24/2010 16:15	19.628698	0.81	0.79
6/24/2010 16:30	19.590536	0.85	0.83
6/24/2010 16:45	19.588587	0.85	0.83
6/24/2010 17:00	19.586781	0.85	0.83
6/24/2010 17:15	19.578083	0.86	0.84
6/24/2010 17:30	19.575533	0.86	0.85
6/24/2010 17:45	19.531904	0.91	0.90
6/24/2010 18:00	19.487	0.95	0.94
6/24/2010 18:15	19.428125	1.01	1.01
6/24/2010 18:30	19.407944	1.03	1.03
6/24/2010 18:45	19.499723	0.94	0.95
6/24/2010 19:00	19.562296	0.88	0.89
6/24/2010 19:15	19.584614	0.86	0.88
6/24/2010 19:30	19.573195	0.87	0.89
6/24/2010 19:45	19.576246	0.86	0.88
6/24/2010 20:00	19.566463	0.87	0.90
6/24/2010 20:15	19.558626	0.88	0.91
6/24/2010 20:30	19.611008	0.83	0.86
6/24/2010 20:45	19.607786	0.83	0.87
6/24/2010 21:00	19.649221	0.79	0.84
6/24/2010 21:15	19.755322	0.68	0.73
6/24/2010 21:30	19.808445	0.63	0.68

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/24/2010 21:45:00	19.636	0.88	0.98
6/24/2010 22:00:00	19.643698	0.88	0.98
6/24/2010 22:15:00	19.650019	0.87	0.99
6/24/2010 22:30:00	19.658339	0.86	0.99
6/24/2010 22:45:00	19.660992	0.86	0.99
6/24/2010 23:00:00	19.669312	0.85	0.98
6/24/2010 23:15:00	19.682621	0.84	0.98
6/24/2010 23:30:00	19.691	0.83	0.97
6/24/2010 23:45:00	19.696207	0.82	0.96
6/25/2010 0:00:00	19.704685	0.82	0.96
6/25/2010 0:15:00	19.713306	0.81	0.96
6/25/2010 0:30:00	19.721619	0.80	0.95
6/25/2010 0:45:00	19.728888	0.79	0.94
6/25/2010 1:00:00	19.737291	0.78	0.93
6/25/2010 1:15:00	19.745144	0.77	0.93
6/25/2010 1:30:00	19.747206	0.77	0.93
6/25/2010 1:45:00	19.7505	0.77	0.92
6/25/2010 2:00:00	19.758907	0.76	0.91
6/25/2010 2:15:00	19.762655	0.76	0.92
6/25/2010 2:30:00	19.765215	0.75	0.90
6/25/2010 2:45:00	19.768818	0.75	0.91
6/25/2010 3:00:00	19.770437	0.75	0.90
6/25/2010 3:15:00	19.776327	0.74	0.90
6/25/2010 3:30:00	19.773901	0.75	0.91
6/25/2010 3:45:00	19.776825	0.74	0.91
6/25/2010 4:00:00	19.768732	0.75	0.92
6/25/2010 4:15:00	19.768188	0.75	0.92
6/25/2010 4:30:00	19.761951	0.76	0.94
6/25/2010 4:45:00	19.756119	0.76	0.95
6/25/2010 5:00:00	19.752131	0.77	0.97
6/25/2010 5:15:00	19.74173	0.78	0.99
6/25/2010 5:30:00	19.732388	0.79	1.00
6/25/2010 5:45:00	19.722477	0.80	1.02
6/25/2010 6:00:00	19.708591	0.81	1.04
6/25/2010 6:15:00	19.698103	0.82	1.07
6/25/2010 6:30:00	19.688892	0.83	1.09
6/25/2010 6:45:00	19.675673	0.84	1.11
6/25/2010 7:00:00	19.661219	0.86	1.12
6/25/2010 7:15:00	19.649282	0.87	1.15
6/25/2010 7:30:00	19.641947	0.88	1.16
6/25/2010 7:45:00	19.633793	0.89	1.17
6/25/2010 8:00:00	19.622103	0.90	1.19
6/25/2010 8:15:00	19.616268	0.90	1.21
6/25/2010 8:30:00	19.612854	0.91	1.21
6/25/2010 8:45:00	19.605972	0.91	1.22
6/25/2010 9:00:00	19.603451	0.92	1.22
6/25/2010 9:15:00	19.596022	0.92	1.23
6/25/2010 9:30:00	19.597712	0.92	1.23
6/25/2010 9:45:00	19.60046	0.92	1.23
6/25/2010 10:00:00	19.601225	0.92	1.23
6/25/2010 10:15:00	19.604376	0.92	1.21
6/25/2010 10:30:00	19.606298	0.91	1.21
6/25/2010 10:45:00	19.614834	0.91	1.20
6/25/2010 11:00:00	19.624548	0.90	1.19
6/25/2010 11:15:00	19.628933	0.89	1.19
6/25/2010 11:30:00	19.636703	0.88	1.18
6/25/2010 11:45:00	19.652134	0.87	1.16
6/25/2010 12:00:00	19.660465	0.86	1.15
6/25/2010 12:15:00	19.66832	0.85	1.15
6/25/2010 12:30:00	19.680773	0.84	1.13
6/25/2010 12:45:00	19.693768	0.83	1.11
6/25/2010 13:00:00	19.707638	0.81	1.10
6/25/2010 13:15:00	19.719202	0.80	1.08
6/25/2010 13:30:00	19.730959	0.79	1.05
6/25/2010 13:45:00	19.745367	0.77	1.04
6/25/2010 14:00:00	19.759016	0.76	1.02
6/25/2010 14:15:00	19.770102	0.75	0.99
6/25/2010 14:30:00	19.781933	0.74	0.99
6/25/2010 14:45:00	19.790873	0.73	0.98

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/24/2010 23:30	19.6714	0.81	0.92
6/24/2010 23:45	19.680712	0.80	0.91
6/25/2010 0:00	19.68973	0.79	0.91
6/25/2010 0:15	19.696934	0.78	0.90
6/25/2010 0:30	19.703403	0.78	0.90
6/25/2010 0:45	19.711786	0.77	0.89
6/25/2010 1:00	19.730326	0.75	0.87
6/25/2010 1:15	19.736155	0.74	0.87
6/25/2010 1:30	19.731905	0.75	0.88
6/25/2010 1:45	19.7285	0.75	0.87
6/25/2010 2:00	19.719271	0.76	0.88
6/25/2010 2:15	19.699663	0.78	0.91
6/25/2010 2:30	19.695772	0.78	0.90
6/25/2010 2:45	19.682301	0.80	0.93
6/25/2010 3:00	19.661905	0.82	0.94
6/25/2010 3:15	19.64645	0.83	0.96
6/25/2010 3:30	19.620136	0.86	0.99
6/25/2010 3:45	19.592386	0.89	1.03
6/25/2010 4:00	19.567221	0.91	1.05
6/25/2010 4:15	19.539898	0.94	1.08
6/25/2010 4:30	19.512499	0.97	1.12
6/25/2010 4:45	19.491077	0.99	1.15
6/25/2010 5:00	19.464415	1.02	1.18
6/25/2010 5:15	19.43717	1.04	1.21
6/25/2010 5:30	19.40563	1.07	1.24
6/25/2010 5:45	19.384853	1.10	1.28
6/25/2010 6:00	19.364775	1.12	1.31
6/25/2010 6:15	19.343157	1.14	1.34
6/25/2010 6:30	19.32654	1.15	1.36
6/25/2010 6:45	19.311441	1.17	1.38
6/25/2010 7:00	19.296988	1.18	1.39
6/25/2010 7:15	19.294043	1.19	1.41
6/25/2010 7:30	19.297049	1.18	1.41
6/25/2010 7:45	19.296295	1.18	1.41
6/25/2010 8:00	19.299749	1.18	1.42
6/25/2010 8:15	19.307425	1.17	1.42
6/25/2010 8:30	19.316389	1.16	1.41
6/25/2010 8:45	19.333363	1.15	1.40
6/25/2010 9:00	19.355265	1.12	1.37
6/25/2010 9:15	19.37467	1.11	1.36
6/25/2010 9:30	19.393721	1.09	1.34
6/25/2010 9:45	19.407873	1.07	1.32
6/25/2010 10:00	19.42337	1.06	1.31
6/25/2010 10:15	19.438137	1.04	1.28
6/25/2010 10:30	19.46133	1.02	1.26
6/25/2010 10:45	19.486774	0.99	1.23
6/25/2010 11:00	19.51569	0.96	1.20
6/25/2010 11:15	19.540928	0.94	1.18
6/25/2010 11:30	19.563084	0.92	1.16
6/25/2010 11:45	19.58581	0.89	1.13
6/25/2010 12:00	19.604685	0.88	1.11
6/25/2010 12:15	19.627483	0.85	1.09
6/25/2010 12:30	19.651037	0.83	1.06
6/25/2010 12:45	19.674795	0.81	1.04
6/25/2010 13:00	19.699251	0.78	1.01
6/25/2010 13:15	19.721395	0.76	0.98
6/25/2010 13:30	19.749317	0.73	0.94
6/25/2010 13:45	19.766886	0.71	0.92
6/25/2010 14:00	19.786295	0.69	0.90
6/25/2010 14:15	19.800051	0.68	0.88
6/25/2010 14:30	19.80702	0.67	0.88
6/25/2010 14:45	19.810009	0.67	0.88
6/25/2010 15:00	19.811625	0.67	0.88
6/25/2010 15:15	19.811497	0.67	0.86
6/25/2010 15:30	19.80978	0.67	0.87
6/25/2010 15:45	19.805365	0.67	0.87
6/25/2010 16:00	19.800291	0.68	0.86
6/25/2010 16:15	19.789307	0.69	0.88
6/25/2010 16:30	19.773525	0.71	0.90

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/24/2010 21:45	19.820341	0.62	0.69
6/24/2010 22:00	19.808203	0.63	0.71
6/24/2010 22:15	19.796951	0.64	0.72
6/24/2010 22:30	19.811632	0.63	0.72
6/24/2010 22:45	19.858416	0.58	0.67
6/24/2010 23:00	19.922668	0.52	0.61
6/24/2010 23:15	19.976288	0.46	0.56
6/24/2010 23:30	19.999811	0.44	0.54
6/24/2010 23:45	20.004047	0.44	0.54
6/25/2010 0:00	20.008837	0.43	0.54
6/25/2010 0:15	20.016336	0.42	0.53
6/25/2010 0:30	20.021597	0.42	0.53
6/25/2010 0:45	20.036077	0.40	0.51
6/25/2010 1:00	20.067991	0.37	0.48
6/25/2010 1:15	20.066435	0.37	0.49
6/25/2010 1:30	20.042974	0.40	0.52
6/25/2010 1:45	20.037794	0.40	0.51
6/25/2010 2:00	20.004101	0.44	0.55
6/25/2010 2:15	19.963324	0.48	0.60
6/25/2010 2:30	19.958128	0.48	0.59
6/25/2010 2:45	19.936129	0.50	0.62
6/25/2010 3:00	19.887171	0.55	0.66
6/25/2010 3:15	19.856211	0.58	0.70
6/25/2010 3:30	19.79714	0.64	0.76
6/25/2010 3:45	19.753689	0.69	0.81
6/25/2010 4:00	19.708899	0.73	0.85
6/25/2010 4:15	19.667267	0.77	0.89
6/25/2010 4:30	19.637846	0.80	0.93
6/25/2010 4:45	19.596117	0.84	0.98
6/25/2010 5:00	19.551603	0.89	1.04
6/25/2010 5:15	19.506689	0.93	1.08
6/25/2010 5:30	19.458111	0.98	1.13
6/25/2010 5:45	19.432154	1.01	1.17
6/25/2010 6:00	19.411663	1.03	1.20
6/25/2010 6:15	19.37781	1.06	1.24
6/25/2010 6:30	19.355068	1.08	1.26
6/25/2010 6:45	19.342251	1.10	1.29
6/25/2010 7:00	19.3237	1.12	1.31
6/25/2010 7:15	19.32988	1.11	1.31
6/25/2010 7:30	19.336588	1.10	1.31
6/25/2010 7:45	19.349482	1.09	1.30
6/25/2010 8:00	19.364441	1.08	1.30
6/25/2010 8:15	19.389252	1.05	1.27
6/25/2010 8:30	19.414839	1.03	1.25
6/25/2010 8:45	19.451672	0.99	1.21
6/25/2010 9:00	19.500082	0.94	1.16
6/25/2010 9:15	19.53076	0.91	1.13
6/25/2010 9:30	19.559832	0.88	1.10
6/25/2010 9:45	19.588308	0.85	1.07
6/25/2010 10:00	19.607208	0.83	1.05
6/25/2010 10:15	19.638762	0.80	1.02
6/25/2010 10:30	19.679047	0.76	0.98
6/25/2010 10:45	19.722464	0.72	0.94
6/25/2010 11:00	19.765547	0.67	0.89
6/25/2010 11:15	19.801077	0.64	0.86
6/25/2010 11:30	19.834082	0.61	0.83
6/25/2010 11:45	19.865799	0.57	0.79
6/25/2010 12:00	19.893026	0.55	0.76
6/25/2010 12:15	19.92749	0.51	0.73
6/25/2010 12:30	19.965458	0.47	0.68
6/25/2010 12:45	20.002384	0.44	0.65
6/25/2010 13:00	20.03826	0.40	0.61
6/25/2010 13:15	20.07196	0.37	0.57
6/25/2010 13:30	20.109112	0.33	0.52
6/25/2010 13:45	20.13702	0.30	0.49
6/25/2010 14:00	20.153652	0.29	0.47
6/25/2010 14:15	20.169401	0.27	0.45
6/25/2010 14:30	20.168959	0.27	0.45
6/25/2010 14:45	20.165089	0.27	0.45

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/25/2010 15:00:00	19.795294	0.72	0.98
6/25/2010 15:15:00	19.800814	0.72	0.95
6/25/2010 15:30:00	19.808569	0.71	0.96
6/25/2010 15:45:00	19.814169	0.71	0.95
6/25/2010 16:00:00	19.818096	0.70	0.92
6/25/2010 16:15:00	19.822882	0.70	0.93
6/25/2010 16:30:00	19.821608	0.70	0.93
6/25/2010 16:45:00	19.823683	0.70	0.92
6/25/2010 17:00:00	19.829538	0.69	0.91
6/25/2010 17:15:00	19.831385	0.69	0.92
6/25/2010 17:30:00	19.828991	0.69	0.91
6/25/2010 17:45:00	19.827589	0.69	0.90
6/25/2010 18:00:00	19.826036	0.69	0.91
6/25/2010 18:15:00	19.827623	0.69	0.89
6/25/2010 18:30:00	19.831236	0.69	0.89
6/25/2010 18:45:00	19.828753	0.69	0.89
6/25/2010 19:00:00	19.828032	0.69	0.89
6/25/2010 19:15:00	19.829876	0.69	0.90
6/25/2010 19:30:00	19.828215	0.69	0.90
6/25/2010 19:45:00	19.823013	0.70	0.92
6/25/2010 20:00:00	19.824488	0.70	0.92
6/25/2010 20:15:00	19.82551	0.69	0.92
6/25/2010 20:30:00	19.823271	0.70	0.92
6/25/2010 20:45:00	19.825924	0.69	0.93
6/25/2010 21:00:00	19.82626	0.69	0.93
6/25/2010 21:15:00	19.827841	0.69	0.94
6/25/2010 21:30:00	19.829302	0.69	0.93
6/25/2010 21:45:00	19.831968	0.69	0.93
6/25/2010 22:00:00	19.837067	0.68	0.93
6/25/2010 22:15:00	19.840115	0.68	0.92
6/25/2010 22:30:00	19.840302	0.68	0.92
6/25/2010 22:45:00	19.840445	0.68	0.92
6/25/2010 23:00:00	19.850235	0.67	0.91
6/25/2010 23:15:00	19.852768	0.67	0.90
6/25/2010 23:30:00	19.856384	0.66	0.90
6/25/2010 23:45:00	19.864325	0.66	0.90
6/26/2010 0:00:00	19.864855	0.66	0.89
6/26/2010 0:15:00	19.868912	0.65	0.88
6/26/2010 0:30:00	19.870676	0.65	0.88
6/26/2010 0:45:00	19.877354	0.64	0.87
6/26/2010 1:00:00	19.880384	0.64	0.86
6/26/2010 1:15:00	19.88217	0.64	0.86
6/26/2010 1:30:00	19.886509	0.63	0.86
6/26/2010 1:45:00	19.88895	0.63	0.84
6/26/2010 2:00:00	19.890049	0.63	0.84
6/26/2010 2:15:00	19.890646	0.63	0.84
6/26/2010 2:30:00	19.891775	0.63	0.83
6/26/2010 2:45:00	19.89747	0.62	0.83
6/26/2010 3:00:00	19.895275	0.62	0.83
6/26/2010 3:15:00	19.889872	0.63	0.83
6/26/2010 3:30:00	19.896368	0.62	0.83
6/26/2010 3:45:00	19.889725	0.63	0.83
6/26/2010 4:00:00	19.881596	0.64	0.83
6/26/2010 4:15:00	19.880865	0.64	0.83
6/26/2010 4:30:00	19.873816	0.65	0.84
6/26/2010 4:45:00	19.868258	0.65	0.85
6/26/2010 5:00:00	19.852934	0.67	0.87
6/26/2010 5:15:00	19.844814	0.68	0.88
6/26/2010 5:30:00	19.83012	0.69	0.89
6/26/2010 5:45:00	19.818136	0.70	0.89
6/26/2010 6:00:00	19.810528	0.71	0.91
6/26/2010 6:15:00	19.796034	0.72	0.94
6/26/2010 6:30:00	19.77869	0.74	0.94
6/26/2010 6:45:00	19.771055	0.75	0.96
6/26/2010 7:00:00	19.753702	0.77	0.97
6/26/2010 7:15:00	19.739584	0.78	0.99
6/26/2010 7:30:00	19.729294	0.79	1.01
6/26/2010 7:45:00	19.710409	0.81	1.03
6/26/2010 8:00:00	19.695126	0.82	1.05

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/25/2010 16:45	19.758984	0.72	0.90
6/25/2010 17:00	19.743076	0.74	0.92
6/25/2010 17:15	19.728872	0.75	0.94
6/25/2010 17:30	19.710733	0.77	0.95
6/25/2010 17:45	19.697693	0.78	0.95
6/25/2010 18:00	19.680893	0.80	0.97
6/25/2010 18:15	19.669682	0.81	0.97
6/25/2010 18:30	19.654739	0.83	0.99
6/25/2010 18:45	19.642164	0.84	1.00
6/25/2010 19:00	19.632158	0.85	1.01
6/25/2010 19:15	19.624699	0.86	1.03
6/25/2010 19:30	19.621901	0.86	1.03
6/25/2010 19:45	19.618597	0.86	1.04
6/25/2010 20:00	19.617208	0.86	1.04
6/25/2010 20:15	19.620071	0.86	1.04
6/25/2010 20:30	19.619528	0.86	1.04
6/25/2010 20:45	19.631273	0.85	1.04
6/25/2010 21:00	19.63938	0.84	1.03
6/25/2010 21:15	19.648386	0.83	1.03
6/25/2010 21:30	19.660482	0.82	1.02
6/25/2010 21:45	19.672215	0.81	1.01
6/25/2010 22:00	19.681215	0.80	1.00
6/25/2010 22:15	19.693705	0.79	0.99
6/25/2010 22:30	19.708908	0.77	0.97
6/25/2010 22:45	19.721643	0.76	0.96
6/25/2010 23:00	19.738436	0.74	0.94
6/25/2010 23:15	19.754194	0.73	0.92
6/25/2010 23:30	19.769455	0.71	0.90
6/25/2010 23:45	19.785147	0.69	0.89
6/26/2010 0:00	19.796804	0.68	0.87
6/26/2010 0:15	19.803007	0.68	0.87
6/26/2010 0:30	19.809666	0.67	0.86
6/26/2010 0:45	19.814617	0.67	0.85
6/26/2010 1:00	19.820189	0.66	0.84
6/26/2010 1:15	19.822937	0.66	0.84
6/26/2010 1:30	19.823324	0.66	0.84
6/26/2010 1:45	19.823421	0.66	0.83
6/26/2010 2:00	19.817535	0.66	0.83
6/26/2010 2:15	19.807199	0.67	0.84
6/26/2010 2:30	19.790869	0.69	0.85
6/26/2010 2:45	19.770649	0.71	0.88
6/26/2010 3:00	19.745096	0.73	0.89
6/26/2010 3:15	19.725157	0.75	0.91
6/26/2010 3:30	19.702728	0.78	0.94
6/26/2010 3:45	19.681946	0.80	0.96
6/26/2010 4:00	19.656458	0.82	0.98
6/26/2010 4:15	19.626919	0.85	1.01
6/26/2010 4:30	19.600094	0.88	1.04
6/26/2010 4:45	19.566412	0.91	1.07
6/26/2010 5:00	19.534037	0.95	1.11
6/26/2010 5:15	19.503065	0.98	1.14
6/26/2010 5:30	19.469442	1.01	1.17
6/26/2010 5:45	19.44276	1.04	1.20
6/26/2010 6:00	19.413618	1.07	1.23
6/26/2010 6:15	19.385233	1.09	1.26
6/26/2010 6:30	19.360659	1.12	1.28
6/26/2010 6:45	19.333551	1.15	1.32
6/26/2010 7:00	19.309568	1.17	1.33
6/26/2010 7:15	19.290705	1.19	1.36
6/26/2010 7:30	19.274002	1.21	1.39
6/26/2010 7:45	19.258249	1.22	1.40
6/26/2010 8:00	19.242756	1.24	1.42
6/26/2010 8:15	19.234898	1.25	1.43
6/26/2010 8:30	19.229	1.25	1.44
6/26/2010 8:45	19.228695	1.25	1.43
6/26/2010 9:00	19.235271	1.24	1.41
6/26/2010 9:15	19.240442	1.24	1.41
6/26/2010 9:30	19.2477	1.23	1.40
6/26/2010 9:45	19.253445	1.23	1.39

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/25/2010 15:00	20.161226	0.28	0.46
6/25/2010 15:15	20.14946	0.29	0.46
6/25/2010 15:30	20.138613	0.30	0.48
6/25/2010 15:45	20.128172	0.31	0.49
6/25/2010 16:00	20.112009	0.33	0.49
6/25/2010 16:15	20.089891	0.35	0.52
6/25/2010 16:30	20.060144	0.38	0.55
6/25/2010 16:45	20.027927	0.41	0.57
6/25/2010 17:00	19.994709	0.45	0.61
6/25/2010 17:15	19.968044	0.47	0.64
6/25/2010 17:30	19.942272	0.50	0.66
6/25/2010 17:45	19.914566	0.53	0.68
6/25/2010 18:00	19.895746	0.54	0.69
6/25/2010 18:15	19.870419	0.57	0.72
6/25/2010 18:30	19.847086	0.59	0.74
6/25/2010 18:45	19.828899	0.61	0.76
6/25/2010 19:00	19.812061	0.63	0.78
6/25/2010 19:15	19.801266	0.64	0.79
6/25/2010 19:30	19.795984	0.64	0.79
6/25/2010 19:45	19.79697	0.64	0.80
6/25/2010 20:00	19.801382	0.64	0.80
6/25/2010 20:15	19.81138	0.63	0.79
6/25/2010 20:30	19.816622	0.62	0.78
6/25/2010 20:45	19.834339	0.61	0.78
6/25/2010 21:00	19.856359	0.58	0.75
6/25/2010 21:15	19.871796	0.57	0.75
6/25/2010 21:30	19.890059	0.55	0.73
6/25/2010 21:45	19.909002	0.53	0.71
6/25/2010 22:00	19.925655	0.51	0.69
6/25/2010 22:15	19.948271	0.49	0.67
6/25/2010 22:30	19.967924	0.47	0.65
6/25/2010 22:45	19.990818	0.45	0.63
6/25/2010 23:00	20.020359	0.42	0.60
6/25/2010 23:15	20.045094	0.39	0.56
6/25/2010 23:30	20.073137	0.37	0.54
6/25/2010 23:45	20.097122	0.34	0.52
6/26/2010 0:00	20.107086	0.33	0.50
6/26/2010 0:15	20.114408	0.33	0.50
6/26/2010 0:30	20.118181	0.32	0.49
6/26/2010 0:45	20.122021	0.32	0.48
6/26/2010 1:00	20.12945	0.31	0.47
6/26/2010 1:15	20.13365	0.31	0.47
6/26/2010 1:30	20.132261	0.31	0.47
6/26/2010 1:45	20.123615	0.32	0.47
6/26/2010 2:00	20.110092	0.33	0.48
6/26/2010 2:15	20.083292	0.36	0.51
6/26/2010 2:30	20.049318	0.39	0.54
6/26/2010 2:45	20.004457	0.44	0.59
6/26/2010 3:00	19.960003	0.48	0.63
6/26/2010 3:15	19.925583	0.51	0.66
6/26/2010 3:30	19.890001	0.55	0.70
6/26/2010 3:45	19.853567	0.59	0.74
6/26/2010 4:00	19.812365	0.63	0.77
6/26/2010 4:15	19.761827	0.68	0.82
6/26/2010 4:30	19.708649	0.73	0.87
6/26/2010 4:45	19.654345	0.79	0.94
6/26/2010 5:00	19.608164	0.83	0.98
6/26/2010 5:15	19.560377	0.88	1.03
6/26/2010 5:30	19.517473	0.92	1.07
6/26/2010 5:45	19.479893	0.96	1.10
6/26/2010 6:00	19.440878	1.00	1.15
6/26/2010 6:15	19.396667	1.04	1.19
6/26/2010 6:30	19.361944	1.08	1.23
6/26/2010 6:45	19.329878	1.11	1.26
6/26/2010 7:00	19.298021	1.14	1.29
6/26/2010 7:15	19.27655	1.16	1.31
6/26/2010 7:30	19.25705	1.18	1.34
6/26/2010 7:45	19.243074	1.20	1.36
6/26/2010 8:00	19.227341	1.21	1.37

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/26/2010 8:15:00	19.688017	0.83	1.05
6/26/2010 8:30:00	19.677412	0.84	1.08
6/26/2010 8:45:00	19.658861	0.86	1.08
6/26/2010 9:00:00	19.650076	0.87	1.08
6/26/2010 9:15:00	19.640318	0.88	1.09
6/26/2010 9:30:00	19.632366	0.89	1.10
6/26/2010 9:45:00	19.629248	0.89	1.09
6/26/2010 10:00:00	19.618103	0.90	1.11
6/26/2010 10:15:00	19.614689	0.91	1.12
6/26/2010 10:30:00	19.609404	0.91	1.12
6/26/2010 10:45:00	19.60199	0.92	1.12
6/26/2010 11:00:00	19.604053	0.92	1.12
6/26/2010 11:15:00	19.601044	0.92	1.11
6/26/2010 11:30:00	19.599537	0.92	1.11
6/26/2010 11:45:00	19.59898	0.92	1.11
6/26/2010 12:00:00	19.594507	0.93	1.10
6/26/2010 12:15:00	19.59519	0.92	1.09
6/26/2010 12:30:00	19.598721	0.92	1.09
6/26/2010 12:45:00	19.601791	0.92	1.08
6/26/2010 13:00:00	19.603552	0.92	1.06
6/26/2010 13:15:00	19.607405	0.91	1.05
6/26/2010 13:30:00	19.614836	0.91	1.04
6/26/2010 13:45:00	19.621584	0.90	1.04
6/26/2010 14:00:00	19.624708	0.90	1.02
6/26/2010 14:15:00	19.633453	0.89	1.01
6/26/2010 14:30:00	19.634237	0.89	1.00
6/26/2010 14:45:00	19.645046	0.87	0.99
6/26/2010 15:00:00	19.653425	0.87	0.98
6/26/2010 15:15:00	19.649717	0.87	0.97
6/26/2010 15:30:00	19.663036	0.86	0.95
6/26/2010 15:45:00	19.663834	0.86	0.95
6/26/2010 16:00:00	19.669071	0.85	0.94
6/26/2010 16:15:00	19.668079	0.85	0.94
6/26/2010 16:30:00	19.667166	0.85	0.93
6/26/2010 16:45:00	19.666046	0.85	0.92
6/26/2010 17:00:00	19.666224	0.85	0.91
6/26/2010 17:15:00	19.657053	0.86	0.91
6/26/2010 17:30:00	19.658764	0.86	0.90
6/26/2010 17:45:00	19.650257	0.87	0.91
6/26/2010 18:00:00	19.641556	0.88	0.91
6/26/2010 18:15:00	19.639347	0.88	0.92
6/26/2010 18:30:00	19.627943	0.89	0.92
6/26/2010 18:45:00	19.61524	0.90	0.93
6/26/2010 19:00:00	19.608786	0.91	0.94
6/26/2010 19:15:00	19.593582	0.93	0.95
6/26/2010 19:30:00	19.585924	0.93	0.96
6/26/2010 19:45:00	19.584963	0.94	0.96
6/26/2010 20:00:00	19.580196	0.94	0.97
6/26/2010 20:15:00	19.567368	0.95	0.98
6/26/2010 20:30:00	19.556843	0.96	1.00
6/26/2010 20:45:00	19.552616	0.97	1.00
6/26/2010 21:00:00	19.549883	0.97	1.00
6/26/2010 21:15:00	19.544453	0.98	1.01
6/26/2010 21:30:00	19.539492	0.98	1.02
6/26/2010 21:45:00	19.536844	0.98	1.03
6/26/2010 22:00:00	19.53084	0.99	1.03
6/26/2010 22:15:00	19.532824	0.99	1.03
6/26/2010 22:30:00	19.526613	0.99	1.04
6/26/2010 22:45:00	19.526827	0.99	1.04
6/26/2010 23:00:00	19.528141	0.99	1.03
6/26/2010 23:15:00	19.528484	0.99	1.04
6/26/2010 23:30:00	19.528061	0.99	1.03
6/26/2010 23:45:00	19.530565	0.99	1.04
6/27/2010 0:00:00	19.530256	0.99	1.03
6/27/2010 0:15:00	19.535522	0.98	1.03
6/27/2010 0:30:00	19.538452	0.98	1.01
6/27/2010 0:45:00	19.544584	0.98	1.02
6/27/2010 1:00:00	19.545979	0.97	1.01
6/27/2010 1:15:00	19.552584	0.97	0.99

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/26/2010 10:00	19.257044	1.22	1.39
6/26/2010 10:15	19.268667	1.21	1.38
6/26/2010 10:30	19.287144	1.19	1.36
6/26/2010 10:45	19.301804	1.18	1.34
6/26/2010 11:00	19.317965	1.16	1.32
6/26/2010 11:15	19.333117	1.15	1.31
6/26/2010 11:30	19.348299	1.13	1.29
6/26/2010 11:45	19.365753	1.11	1.27
6/26/2010 12:00	19.384848	1.10	1.24
6/26/2010 12:15	19.399857	1.08	1.22
6/26/2010 12:30	19.418915	1.06	1.20
6/26/2010 12:45	19.435848	1.04	1.17
6/26/2010 13:00	19.454891	1.03	1.15
6/26/2010 13:15	19.46703	1.01	1.12
6/26/2010 13:30	19.483896	1.00	1.11
6/26/2010 13:45	19.501316	0.98	1.09
6/26/2010 14:00	19.515261	0.96	1.07
6/26/2010 14:15	19.527609	0.95	1.06
6/26/2010 14:30	19.5375	0.94	1.04
6/26/2010 14:45	19.542284	0.94	1.04
6/26/2010 15:00	19.545071	0.93	1.03
6/26/2010 15:15	19.546038	0.93	1.01
6/26/2010 15:30	19.547314	0.93	1.01
6/26/2010 15:45	19.539352	0.94	1.02
6/26/2010 16:00	19.521891	0.96	1.03
6/26/2010 16:15	19.506975	0.97	1.04
6/26/2010 16:30	19.491941	0.99	1.06
6/26/2010 16:45	19.476477	1.00	1.06
6/26/2010 17:00	19.458649	1.02	1.07
6/26/2010 17:15	19.433496	1.05	1.09
6/26/2010 17:30	19.404022	1.08	1.12
6/26/2010 17:45	19.374752	1.11	1.15
6/26/2010 18:00	19.3493	1.13	1.16
6/26/2010 18:15	19.328382	1.15	1.19
6/26/2010 18:30	19.310883	1.17	1.20
6/26/2010 18:45	19.288565	1.19	1.21
6/26/2010 19:00	19.26631	1.21	1.24
6/26/2010 19:15	19.248331	1.23	1.25
6/26/2010 19:30	19.226498	1.25	1.27
6/26/2010 19:45	19.216213	1.26	1.28
6/26/2010 20:00	19.214014	1.27	1.30
6/26/2010 20:15	19.208775	1.27	1.30
6/26/2010 20:30	19.206129	1.27	1.30
6/26/2010 20:45	19.202154	1.28	1.31
6/26/2010 21:00	19.200567	1.28	1.31
6/26/2010 21:15	19.201796	1.28	1.31
6/26/2010 21:30	19.211214	1.27	1.31
6/26/2010 21:45	19.227417	1.25	1.29
6/26/2010 22:00	19.234079	1.25	1.29
6/26/2010 22:15	19.250256	1.23	1.27
6/26/2010 22:30	19.261005	1.22	1.26
6/26/2010 22:45	19.273449	1.21	1.25
6/26/2010 23:00	19.291641	1.19	1.23
6/26/2010 23:15	19.310598	1.17	1.22
6/26/2010 23:30	19.327703	1.15	1.19
6/26/2010 23:45	19.346643	1.13	1.18
6/27/2010 0:00	19.366579	1.11	1.15
6/27/2010 0:15	19.383968	1.10	1.14
6/27/2010 0:30	19.400473	1.08	1.11
6/27/2010 0:45	19.416445	1.06	1.10
6/27/2010 1:00	19.434725	1.05	1.08
6/27/2010 1:15	19.453674	1.03	1.05
6/27/2010 1:30	19.470541	1.01	1.03
6/27/2010 1:45	19.483377	1.00	1.01
6/27/2010 2:00	19.494463	0.99	0.99
6/27/2010 2:15	19.503307	0.98	0.99
6/27/2010 2:30	19.508768	0.97	0.97
6/27/2010 2:45	19.509893	0.97	0.98
6/27/2010 3:00	19.504427	0.98	1.00

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/26/2010 8:15	19.221956	1.22	1.38
6/26/2010 8:30	19.22352	1.22	1.39
6/26/2010 8:45	19.238195	1.20	1.36
6/26/2010 9:00	19.262379	1.18	1.33
6/26/2010 9:15	19.280993	1.16	1.31
6/26/2010 9:30	19.30036	1.14	1.29
6/26/2010 9:45	19.313721	1.13	1.28
6/26/2010 10:00	19.327316	1.11	1.26
6/26/2010 10:15	19.355972	1.08	1.23
6/26/2010 10:30	19.392885	1.05	1.20
6/26/2010 10:45	19.425491	1.01	1.16
6/26/2010 11:00	19.45586	0.98	1.13
6/26/2010 11:15	19.482649	0.96	1.10
6/26/2010 11:30	19.510996	0.93	1.07
6/26/2010 11:45	19.541616	0.90	1.04
6/26/2010 12:00	19.569521	0.87	0.99
6/26/2010 12:15	19.597126	0.84	0.96
6/26/2010 12:30	19.619717	0.82	0.94
6/26/2010 12:45	19.649443	0.79	0.91
6/26/2010 13:00	19.680403	0.76	0.87
6/26/2010 13:15	19.700138	0.74	0.84
6/26/2010 13:30	19.727448	0.71	0.81
6/26/2010 13:45	19.753244	0.69	0.79
6/26/2010 14:00	19.77276	0.67	0.76
6/26/2010 14:15	19.785419	0.65	0.74
6/26/2010 14:30	19.794559	0.65	0.73
6/26/2010 14:45	19.798512	0.64	0.72
6/26/2010 15:00	19.790834	0.65	0.73
6/26/2010 15:15	19.788647	0.65	0.72
6/26/2010 15:30	19.787447	0.65	0.72
6/26/2010 15:45	19.759634	0.68	0.75
6/26/2010 16:00	19.726894	0.71	0.77
6/26/2010 16:15	19.694386	0.75	0.81
6/26/2010 16:30	19.661633	0.78	0.83
6/26/2010 16:45	19.633921	0.81	0.86
6/26/2010 17:00	19.601179	0.84	0.88
6/26/2010 17:15	19.562971	0.88	0.91
6/26/2010 17:30	19.51041	0.93	0.96
6/26/2010 17:45	19.463789	0.98	1.01
6/26/2010 18:00	19.430796	1.01	1.03
6/26/2010 18:15	19.397589	1.04	1.07
6/26/2010 18:30	19.370211	1.07	1.09
6/26/2010 18:45	19.340303	1.10	1.12
6/26/2010 19:00	19.307661	1.13	1.15
6/26/2010 19:15	19.2887	1.15	1.17
6/26/2010 19:30	19.259415	1.18	1.20
6/26/2010 19:45	19.247606	1.19	1.21
6/26/2010 20:00	19.253885	1.19	1.21
6/26/2010 20:15	19.247213	1.19	1.21
6/26/2010 20:30	19.251944	1.19	1.21
6/26/2010 20:45	19.254812	1.19	1.21
6/26/2010 21:00	19.25832	1.18	1.20
6/26/2010 21:15	19.264736	1.18	1.20
6/26/2010 21:30	19.289295	1.15	1.18
6/26/2010 21:45	19.317236	1.12	1.15
6/26/2010 22:00	19.33765	1.10	1.13
6/26/2010 22:15	19.365767	1.07	1.10
6/26/2010 22:30	19.392294	1.05	1.08
6/26/2010 22:45	19.4182	1.02	1.05
6/26/2010 23:00	19.448938	0.99	1.02
6/26/2010 23:15	19.482447	0.96	1.00
6/26/2010 23:30	19.512512	0.93	0.96
6/26/2010 23:45	19.541748	0.90	0.94
6/27/2010 0:00	19.572491	0.87	0.90
6/27/2010 0:15	19.604109	0.84	0.87
6/27/2010 0:30	19.628277	0.81	0.83
6/27/2010 0:45	19.656519	0.78	0.81
6/27/2010 1:00	19.682745	0.76	0.78
6/27/2010 1:15	19.703785	0.74	0.76

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/27/2010 1:30:00	19.558945	0.96	0.98
6/27/2010 1:45:00	19.56278	0.96	0.96
6/27/2010 2:00:00	19.570181	0.95	0.94
6/27/2010 2:15:00	19.579594	0.94	0.94
6/27/2010 2:30:00	19.590488	0.93	0.92
6/27/2010 2:45:00	19.600346	0.92	0.92
6/27/2010 3:00:00	19.605112	0.91	0.93
6/27/2010 3:15:00	19.606985	0.91	0.91
6/27/2010 3:30:00	19.614202	0.91	0.91
6/27/2010 3:45:00	19.614592	0.91	0.89
6/27/2010 4:00:00	19.618689	0.90	0.90
6/27/2010 4:15:00	19.621458	0.90	0.90
6/27/2010 4:30:00	19.618759	0.90	0.90
6/27/2010 4:45:00	19.616938	0.90	0.90
6/27/2010 5:00:00	19.614935	0.91	0.91
6/27/2010 5:15:00	19.611502	0.91	0.92
6/27/2010 5:30:00	19.601955	0.92	0.92
6/27/2010 5:45:00	19.594332	0.93	0.94
6/27/2010 6:00:00	19.585743	0.93	0.94
6/27/2010 6:15:00	19.572523	0.95	0.97
6/27/2010 6:30:00	19.554459	0.97	0.98
6/27/2010 6:45:00	19.545673	0.97	0.98
6/27/2010 7:00:00	19.530317	0.99	0.99
6/27/2010 7:15:00	19.519978	1.00	1.00
6/27/2010 7:30:00	19.505411	1.01	1.01
6/27/2010 7:45:00	19.493727	1.03	1.02
6/27/2010 8:00:00	19.48485	1.04	1.02
6/27/2010 8:15:00	19.473352	1.05	1.04
6/27/2010 8:30:00	19.467709	1.05	1.05
6/27/2010 8:45:00	19.455645	1.06	1.05
6/27/2010 9:00:00	19.44346	1.08	1.06
6/27/2010 9:15:00	19.435184	1.08	1.07
6/27/2010 9:30:00	19.425083	1.09	1.08
6/27/2010 9:45:00	19.416235	1.10	1.08
6/27/2010 10:00:00	19.412584	1.11	1.10
6/27/2010 10:15:00	19.404957	1.12	1.09
6/27/2010 10:30:00	19.402151	1.12	1.10
6/27/2010 10:45:00	19.394318	1.13	1.10
6/27/2010 11:00:00	19.388332	1.13	1.10
6/27/2010 11:15:00	19.388697	1.13	1.10
6/27/2010 11:30:00	19.385637	1.13	1.10
6/27/2010 11:45:00	19.386972	1.13	1.10
6/27/2010 12:00:00	19.38475	1.14	1.10
6/27/2010 12:15:00	19.382627	1.14	1.11
6/27/2010 12:30:00	19.380835	1.14	1.10
6/27/2010 12:45:00	19.384335	1.14	1.09
6/27/2010 13:00:00	19.385523	1.13	1.08
6/27/2010 13:15:00	19.391882	1.13	1.08
6/27/2010 13:30:00	19.393703	1.13	1.07
6/27/2010 13:45:00	19.40019	1.12	1.06
6/27/2010 14:00:00	19.40411	1.12	1.05
6/27/2010 14:15:00	19.416683	1.10	1.04
6/27/2010 14:30:00	19.423887	1.10	1.02
6/27/2010 14:45:00	19.430191	1.09	1.02
6/27/2010 15:00:00	19.43808	1.08	1.00
6/27/2010 15:15:00	19.44919	1.07	0.98
6/27/2010 15:30:00	19.451548	1.07	0.96
6/27/2010 15:45:00	19.46361	1.06	0.95
6/27/2010 16:00:00	19.47794	1.04	0.93
6/27/2010 16:15:00	19.485666	1.03	0.92
6/27/2010 16:30:00	19.490202	1.03	0.91
6/27/2010 16:45:00	19.498266	1.02	0.89
6/27/2010 17:00:00	19.505524	1.01	0.89
6/27/2010 17:15:00	19.51388	1.01	0.88
6/27/2010 17:30:00	19.513113	1.01	0.87
6/27/2010 17:45:00	19.516041	1.00	0.86
6/27/2010 18:00:00	19.516144	1.00	0.86
6/27/2010 18:15:00	19.521196	1.00	0.84
6/27/2010 18:30:00	19.527933	0.99	0.83

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/27/2010 3:15	19.49563	0.98	0.99
6/27/2010 3:30	19.490376	0.99	1.00
6/27/2010 3:45	19.47843	1.00	1.00
6/27/2010 4:00	19.465221	1.01	1.02
6/27/2010 4:15	19.447763	1.03	1.04
6/27/2010 4:30	19.426853	1.05	1.06
6/27/2010 4:45	19.400126	1.08	1.09
6/27/2010 5:00	19.374624	1.11	1.12
6/27/2010 5:15	19.347656	1.13	1.15
6/27/2010 5:30	19.323456	1.16	1.17
6/27/2010 5:45	19.292994	1.19	1.21
6/27/2010 6:00	19.266342	1.21	1.23
6/27/2010 6:15	19.236435	1.24	1.26
6/27/2010 6:30	19.205801	1.27	1.29
6/27/2010 6:45	19.17905	1.30	1.32
6/27/2010 7:00	19.147524	1.33	1.34
6/27/2010 7:15	19.120535	1.36	1.37
6/27/2010 7:30	19.095964	1.38	1.39
6/27/2010 7:45	19.074173	1.41	1.41
6/27/2010 8:00	19.055956	1.42	1.42
6/27/2010 8:15	19.041126	1.44	1.44
6/27/2010 8:30	19.034391	1.45	1.46
6/27/2010 8:45	19.027304	1.45	1.45
6/27/2010 9:00	19.021816	1.46	1.45
6/27/2010 9:15	19.020229	1.46	1.46
6/27/2010 9:30	19.021915	1.46	1.46
6/27/2010 9:45	19.024179	1.46	1.45
6/27/2010 10:00	19.036112	1.44	1.44
6/27/2010 10:15	19.04446	1.44	1.43
6/27/2010 10:30	19.057922	1.42	1.41
6/27/2010 10:45	19.073187	1.41	1.40
6/27/2010 11:00	19.085779	1.39	1.37
6/27/2010 11:15	19.102251	1.38	1.36
6/27/2010 11:30	19.120102	1.36	1.34
6/27/2010 11:45	19.137861	1.34	1.32
6/27/2010 12:00	19.157373	1.32	1.30
6/27/2010 12:15	19.176029	1.30	1.28
6/27/2010 12:30	19.193792	1.29	1.27
6/27/2010 12:45	19.210926	1.27	1.25
6/27/2010 13:00	19.226206	1.25	1.22
6/27/2010 13:15	19.247667	1.23	1.20
6/27/2010 13:30	19.2651	1.21	1.18
6/27/2010 13:45	19.288191	1.19	1.15
6/27/2010 14:00	19.308844	1.17	1.13
6/27/2010 14:15	19.330311	1.15	1.11
6/27/2010 14:30	19.357269	1.12	1.07
6/27/2010 14:45	19.380064	1.10	1.05
6/27/2010 15:00	19.39798	1.08	1.02
6/27/2010 15:15	19.409224	1.07	1.00
6/27/2010 15:30	19.424622	1.06	0.99
6/27/2010 15:45	19.43552	1.04	0.97
6/27/2010 16:00	19.445251	1.03	0.95
6/27/2010 16:15	19.446762	1.03	0.95
6/27/2010 16:30	19.444733	1.04	0.96
6/27/2010 16:45	19.442226	1.04	0.95
6/27/2010 17:00	19.43165	1.05	0.96
6/27/2010 17:15	19.429651	1.05	0.96
6/27/2010 17:30	19.418356	1.06	0.96
6/27/2010 17:45	19.407658	1.07	0.96
6/27/2010 18:00	19.399933	1.08	0.97
6/27/2010 18:15	19.381744	1.10	0.99
6/27/2010 18:30	19.360615	1.12	1.01
6/27/2010 18:45	19.336899	1.14	1.03
6/27/2010 19:00	19.319357	1.16	1.05
6/27/2010 19:15	19.302401	1.18	1.07
6/27/2010 19:30	19.290216	1.19	1.08
6/27/2010 19:45	19.277027	1.20	1.11
6/27/2010 20:00	19.266987	1.21	1.11
6/27/2010 20:15	19.249529	1.23	1.13

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/27/2010 1:30	19.726742	0.71	0.73
6/27/2010 1:45	19.744068	0.70	0.70
6/27/2010 2:00	19.757113	0.68	0.67
6/27/2010 2:15	19.765409	0.67	0.67
6/27/2010 2:30	19.767712	0.67	0.66
6/27/2010 2:45	19.765057	0.67	0.67
6/27/2010 3:00	19.74766	0.69	0.70
6/27/2010 3:15	19.72143	0.72	0.72
6/27/2010 3:30	19.700464	0.74	0.74
6/27/2010 3:45	19.676027	0.76	0.75
6/27/2010 4:00	19.647732	0.79	0.79
6/27/2010 4:15	19.619326	0.82	0.82
6/27/2010 4:30	19.575302	0.86	0.86
6/27/2010 4:45	19.531048	0.91	0.91
6/27/2010 5:00	19.482395	0.96	0.96
6/27/2010 5:15	19.435001	1.00	1.01
6/27/2010 5:30	19.388319	1.05	1.05
6/27/2010 5:45	19.341099	1.10	1.11
6/27/2010 6:00	19.305395	1.13	1.14
6/27/2010 6:15	19.264278	1.18	1.20
6/27/2010 6:30	19.222246	1.22	1.23
6/27/2010 6:45	19.183985	1.26	1.27
6/27/2010 7:00	19.137499	1.30	1.30
6/27/2010 7:15	19.098969	1.34	1.34
6/27/2010 7:30	19.065233	1.37	1.37
6/27/2010 7:45	19.043016	1.40	1.39
6/27/2010 8:00	19.018476	1.42	1.41
6/27/2010 8:15	19.00242	1.44	1.43
6/27/2010 8:30	19.002317	1.44	1.44
6/27/2010 8:45	18.999466	1.44	1.43
6/27/2010 9:00	19.001913	1.44	1.42
6/27/2010 9:15	19.010952	1.43	1.42
6/27/2010 9:30	19.022976	1.42	1.41
6/27/2010 9:45	19.035692	1.40	1.38
6/27/2010 10:00	19.064133	1.38	1.37
6/27/2010 10:15	19.087204	1.35	1.33
6/27/2010 10:30	19.116552	1.32	1.30
6/27/2010 10:45	19.1479	1.29	1.27
6/27/2010 11:00	19.173096	1.27	1.25
6/27/2010 11:15	19.207035	1.23	1.21
6/27/2010 11:30	19.237997	1.20	1.18
6/27/2010 11:45	19.268053	1.17	1.15
6/27/2010 12:00	19.302988	1.14	1.12
6/27/2010 12:15	19.334871	1.11	1.09
6/27/2010 12:30	19.363241	1.08	1.05
6/27/2010 12:45	19.393002	1.05	1.02
6/27/2010 13:00	19.415571	1.02	0.98
6/27/2010 13:15	19.446764	0.99	0.95
6/27/2010 13:30	19.471836	0.97	0.93
6/27/2010 13:45	19.501408	0.94	0.89
6/27/2010 14:00	19.537256	0.90	0.85
6/27/2010 14:15	19.574751	0.87	0.82
6/27/2010 14:30	19.619612	0.82	0.77
6/27/2010 14:45	19.653156	0.79	0.74
6/27/2010 15:00	19.667038	0.77	0.71
6/27/2010 15:15	19.687561	0.75	0.68
6/27/2010 15:30	19.705252	0.73	0.65
6/27/2010 15:45	19.710516	0.73	0.65
6/27/2010 16:00	19.717579	0.72	0.64
6/27/2010 16:15	19.711651	0.73	0.65
6/27/2010 16:30	19.703814	0.74	0.66
6/27/2010 16:45	19.687288	0.75	0.66
6/27/2010 17:00	19.663799	0.78	0.69
6/27/2010 17:15	19.65181	0.79	0.70
6/27/2010 17:30	19.623989	0.82	0.72
6/27/2010 17:45	19.603712	0.84	0.73
6/27/2010 18:00	19.587326	0.85	0.74
6/27/2010 18:15	19.553801	0.89	0.77
6/27/2010 18:30	19.511003	0.93	0.81

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/27/2010 18:45:00	19.528564	0.99	0.84
6/27/2010 19:00:00	19.525442	0.99	0.85
6/27/2010 19:15:00	19.519835	1.00	0.85
6/27/2010 19:30:00	19.516272	1.00	0.86
6/27/2010 19:45:00	19.518093	1.00	0.87
6/27/2010 20:00:00	19.504543	1.02	0.88
6/27/2010 20:15:00	19.498514	1.02	0.88
6/27/2010 20:30:00	19.497311	1.02	0.90
6/27/2010 20:45:00	19.488104	1.03	0.89
6/27/2010 21:00:00	19.480654	1.04	0.90
6/27/2010 21:15:00	19.473127	1.05	0.90
6/27/2010 21:30:00	19.474461	1.05	0.90
6/27/2010 21:45:00	19.465448	1.05	0.92
6/27/2010 22:00:00	19.45937	1.06	0.92
6/27/2010 22:15:00	19.455511	1.06	0.91
6/27/2010 22:30:00	19.452837	1.07	0.91
6/27/2010 22:45:00	19.455353	1.06	0.92
6/27/2010 23:00:00	19.458685	1.06	0.91
6/27/2010 23:15:00	19.45859	1.06	0.91
6/27/2010 23:30:00	19.458492	1.06	0.91
6/27/2010 23:45:00	19.463858	1.06	0.91
6/28/2010 0:00:00	19.470068	1.05	0.90
6/28/2010 0:15:00	19.473743	1.05	0.89
6/28/2010 0:30:00	19.481176	1.04	0.89
6/28/2010 0:45:00	19.486282	1.03	0.87
6/28/2010 1:00:00	19.495455	1.02	0.87
6/28/2010 1:15:00	19.504984	1.02	0.86
6/28/2010 1:30:00	19.51302	1.01	0.85
6/28/2010 1:45:00	19.521442	1.00	0.84
6/28/2010 2:00:00	19.525085	0.99	0.83
6/28/2010 2:15:00	19.531525	0.99	0.81
6/28/2010 2:30:00	19.539623	0.98	0.80
6/28/2010 2:45:00	19.55348	0.97	0.79
6/28/2010 3:00:00	19.559336	0.96	0.78
6/28/2010 3:15:00	19.569675	0.95	0.77
6/28/2010 3:30:00	19.571726	0.95	0.76
6/28/2010 3:45:00	19.578732	0.94	0.75
6/28/2010 4:00:00	19.582083	0.94	0.75
6/28/2010 4:15:00	19.59075	0.93	0.74
6/28/2010 4:30:00	19.594982	0.93	0.73
6/28/2010 4:45:00	19.59672	0.92	0.73
6/28/2010 5:00:00	19.597258	0.92	0.73
6/28/2010 5:15:00	19.596769	0.92	0.74
6/28/2010 5:30:00	19.59392	0.93	0.75
6/28/2010 5:45:00	19.59314	0.93	0.75
6/28/2010 6:00:00	19.585333	0.93	0.77
6/28/2010 6:15:00	19.576132	0.94	0.77
6/28/2010 6:30:00	19.562162	0.96	0.79
6/28/2010 6:45:00	19.555725	0.96	0.81
6/28/2010 7:00:00	19.537964	0.98	0.82
6/28/2010 7:15:00	19.526224	0.99	0.83
6/28/2010 7:30:00	19.51222	1.01	0.85
6/28/2010 7:45:00	19.496675	1.02	0.86
6/28/2010 8:00:00	19.48077	1.04	0.88
6/28/2010 8:15:00	19.468084	1.05	0.89
6/28/2010 8:30:00	19.449087	1.07	0.91
6/28/2010 8:45:00	19.43655	1.08	0.92
6/28/2010 9:00:00	19.419165	1.10	0.94
6/28/2010 9:15:00	19.405796	1.11	0.96
6/28/2010 9:30:00	19.388737	1.13	0.96
6/28/2010 9:45:00	19.37343	1.15	0.98
6/28/2010 10:00:00	19.361799	1.16	0.99
6/28/2010 10:15:00	19.350931	1.17	1.00
6/28/2010 10:30:00	19.343584	1.18	1.01
6/28/2010 10:45:00	19.337234	1.18	1.01
6/28/2010 11:00:00	19.327307	1.19	1.01
6/28/2010 11:15:00	19.321074	1.20	1.02
6/28/2010 11:30:00	19.318668	1.20	1.02
6/28/2010 11:45:00	19.312489	1.21	1.03

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/27/2010 20:30	19.240061	1.24	1.15
6/27/2010 20:45	19.234236	1.25	1.15
6/27/2010 21:00	19.222599	1.26	1.16
6/27/2010 21:15	19.229322	1.25	1.14
6/27/2010 21:30	19.233591	1.25	1.14
6/27/2010 21:45	19.218054	1.26	1.16
6/27/2010 22:00	19.225067	1.25	1.15
6/27/2010 22:15	19.230831	1.25	1.14
6/27/2010 22:30	19.244925	1.24	1.13
6/27/2010 22:45	19.263432	1.22	1.11
6/27/2010 23:00	19.27305	1.21	1.10
6/27/2010 23:15	19.283764	1.20	1.09
6/27/2010 23:30	19.295221	1.18	1.07
6/27/2010 23:45	19.310106	1.17	1.06
6/28/2010 0:00	19.331705	1.15	1.04
6/28/2010 0:15	19.346556	1.13	1.02
6/28/2010 0:30	19.367243	1.11	1.00
6/28/2010 0:45	19.38722	1.09	0.98
6/28/2010 1:00	19.401686	1.08	0.97
6/28/2010 1:15	19.421473	1.06	0.95
6/28/2010 1:30	19.438351	1.04	0.93
6/28/2010 1:45	19.447912	1.03	0.92
6/28/2010 2:00	19.462376	1.02	0.90
6/28/2010 2:15	19.473026	1.01	0.88
6/28/2010 2:30	19.487173	0.99	0.86
6/28/2010 2:45	19.501801	0.98	0.85
6/28/2010 3:00	19.511047	0.97	0.84
6/28/2010 3:15	19.513306	0.97	0.84
6/28/2010 3:30	19.506147	0.97	0.83
6/28/2010 3:45	19.497515	0.98	0.84
6/28/2010 4:00	19.492582	0.99	0.85
6/28/2010 4:15	19.483873	1.00	0.86
6/28/2010 4:30	19.474218	1.01	0.87
6/28/2010 4:45	19.462336	1.02	0.88
6/28/2010 5:00	19.439301	1.04	0.90
6/28/2010 5:15	19.415649	1.06	0.93
6/28/2010 5:30	19.388769	1.09	0.96
6/28/2010 5:45	19.354204	1.13	1.00
6/28/2010 6:00	19.323078	1.16	1.04
6/28/2010 6:15	19.297293	1.18	1.06
6/28/2010 6:30	19.270222	1.21	1.09
6/28/2010 6:45	19.247543	1.23	1.12
6/28/2010 7:00	19.212275	1.27	1.16
6/28/2010 7:15	19.179031	1.30	1.19
6/28/2010 7:30	19.144857	1.34	1.23
6/28/2010 7:45	19.116446	1.36	1.25
6/28/2010 8:00	19.092546	1.39	1.28
6/28/2010 8:15	19.068514	1.41	1.30
6/28/2010 8:30	19.04878	1.43	1.32
6/28/2010 8:45	19.029947	1.45	1.34
6/28/2010 9:00	19.015413	1.46	1.35
6/28/2010 9:15	19.001997	1.48	1.37
6/28/2010 9:30	18.988825	1.49	1.37
6/28/2010 9:45	18.980459	1.50	1.38
6/28/2010 10:00	18.975389	1.50	1.38
6/28/2010 10:15	18.972383	1.51	1.39
6/28/2010 10:30	18.981022	1.50	1.38
6/28/2010 10:45	18.985363	1.49	1.37
6/28/2010 11:00	18.988266	1.49	1.36
6/28/2010 11:15	19.000381	1.48	1.35
6/28/2010 11:30	19.008377	1.47	1.34
6/28/2010 11:45	19.020601	1.46	1.33
6/28/2010 12:00	19.035181	1.44	1.31
6/28/2010 12:15	19.047892	1.43	1.31
6/28/2010 12:30	19.063526	1.42	1.29
6/28/2010 12:45	19.078745	1.40	1.27
6/28/2010 13:00	19.099421	1.38	1.26
6/28/2010 13:15	19.124081	1.36	1.23
6/28/2010 13:30	19.139967	1.34	1.19

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/27/2010 18:45	19.47197	0.97	0.86
6/27/2010 19:00	19.440622	1.00	0.89
6/27/2010 19:15	19.417027	1.02	0.91
6/27/2010 19:30	19.398535	1.04	0.93
6/27/2010 19:45	19.378119	1.06	0.97
6/27/2010 20:00	19.368053	1.07	0.97
6/27/2010 20:15	19.343695	1.10	1.00
6/27/2010 20:30	19.32806	1.11	1.02
6/27/2010 20:45	19.334106	1.11	1.01
6/27/2010 21:00	19.310806	1.13	1.03
6/27/2010 21:15	19.341522	1.10	0.99
6/27/2010 21:30	19.347397	1.09	0.98
6/27/2010 21:45	19.318521	1.12	1.02
6/27/2010 22:00	19.346308	1.09	0.99
6/27/2010 22:15	19.351454	1.09	0.97
6/27/2010 22:30	19.380426	1.06	0.94
6/27/2010 22:45	19.420471	1.02	0.91
6/27/2010 23:00	19.431391	1.01	0.90
6/27/2010 23:15	19.454388	0.99	0.88
6/27/2010 23:30	19.478968	0.96	0.85
6/27/2010 23:45	19.503984	0.94	0.83
6/28/2010 0:00	19.538103	0.90	0.79
6/28/2010 0:15	19.559872	0.88	0.76
6/28/2010 0:30	19.593918	0.85	0.74
6/28/2010 0:45	19.6238	0.82	0.70
6/28/2010 1:00	19.64241	0.80	0.68
6/28/2010 1:15	19.674137	0.77	0.65
6/28/2010 1:30	19.694784	0.75	0.63
6/28/2010 1:45	19.704342	0.74	0.62
6/28/2010 2:00	19.728437	0.71	0.59
6/28/2010 2:15	19.741289	0.70	0.57
6/28/2010 2:30	19.759064	0.68	0.55
6/28/2010 2:45	19.776632	0.66	0.53
6/28/2010 3:00	19.780565	0.66	0.53
6/28/2010 3:15	19.78298	0.66	0.53
6/28/2010 3:30	19.759247	0.68	0.54
6/28/2010 3:45	19.742733	0.70	0.56
6/28/2010 4:00	19.728947	0.71	0.57
6/28/2010 4:15	19.693607	0.75	0.61
6/28/2010 4:30	19.678467	0.76	0.62
6/28/2010 4:45	19.653437	0.79	0.65
6/28/2010 5:00	19.607786	0.83	0.69
6/28/2010 5:15	19.570169	0.87	0.74
6/28/2010 5:30	19.512922	0.93	0.80
6/28/2010 5:45	19.446426	0.99	0.86
6/28/2010 6:00	19.40443	1.04	0.92
6/28/2010 6:15	19.353596	1.09	0.97
6/28/2010 6:30	19.31838	1.12	1.00
6/28/2010 6:45	19.286764	1.15	1.03
6/28/2010 7:00	19.233179	1.21	1.09
6/28/2010 7:15	19.186724	1.25	1.13
6/28/2010 7:30	19.138016	1.30	1.18
6/28/2010 7:45	19.101828	1.34	1.22
6/28/2010 8:00	19.071146	1.37	1.25
6/28/2010 8:15	19.036131	1.40	1.28
6/28/2010 8:30	19.01771	1.42	1.30
6/28/2010 8:45	18.997271	1.44	1.32
6/28/2010 9:00	18.982836	1.46	1.34
6/28/2010 9:15	18.973345	1.47	1.35
6/28/2010 9:30	18.961744	1.48	1.36
6/28/2010 9:45	18.960035	1.48	1.36
6/28/2010 10:00	18.962917	1.48	1.36
6/28/2010 10:15	18.965267	1.47	1.35
6/28/2010 10:30	18.989771	1.45	1.33
6/28/2010 10:45	19.003078	1.44	1.32
6/28/2010 11:00	19.018574	1.42	1.29
6/28/2010 11:15	19.051226	1.39	1.26
6/28/2010 11:30	19.062757	1.38	1.25
6/28/2010 11:45	19.091747	1.35	1.22

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/28/2010 12:00:00	19.308275	1.21	1.03
6/28/2010 12:15:00	19.310503	1.21	1.04
6/28/2010 12:30:00	19.301151	1.22	1.04
6/28/2010 12:45:00	19.301561	1.22	1.04
6/28/2010 13:00:00	19.297709	1.22	1.05
6/28/2010 13:15:00	19.29977	1.22	1.04
6/28/2010 13:30:00	19.297667	1.22	1.02
6/28/2010 13:45:00	19.298145	1.22	1.03
6/28/2010 14:00:00	19.298246	1.22	1.01
6/28/2010 14:15:00	19.301279	1.22	1.01
6/28/2010 14:30:00	19.324253	1.20	1.00
6/28/2010 14:45:00	19.334097	1.19	1.02
6/28/2010 15:00:00	19.344051	1.18	1.02
6/28/2010 15:15:00	19.369602	1.15	1.03
6/28/2010 15:30:00	19.368288	1.15	1.02
6/28/2010 15:45:00	19.376905	1.14	1.02
6/28/2010 16:00:00	19.385351	1.13	1.01
6/28/2010 16:15:00	19.388508	1.13	1.00
6/28/2010 16:30:00	19.388628	1.13	0.98
6/28/2010 16:45:00	19.400728	1.12	0.97
6/28/2010 17:00:00	19.406092	1.11	0.94
6/28/2010 17:15:00	19.419558	1.10	0.92
6/28/2010 17:30:00	19.436209	1.08	0.89
6/28/2010 17:45:00	19.446568	1.07	0.90
6/28/2010 18:00:00	19.458113	1.06	0.88
6/28/2010 18:15:00	19.462637	1.06	0.89
6/28/2010 18:30:00	19.468637	1.05	0.87
6/28/2010 18:45:00	19.476053	1.04	0.86
6/28/2010 19:00:00	19.481924	1.04	0.86
6/28/2010 19:15:00	19.481045	1.04	0.87
6/28/2010 19:30:00	19.483713	1.04	0.87
6/28/2010 19:45:00	19.488205	1.03	0.88
6/28/2010 20:00:00	19.484362	1.04	0.88
6/28/2010 20:15:00	19.477711	1.04	0.88
6/28/2010 20:30:00	19.478733	1.04	0.89
6/28/2010 20:45:00	19.478134	1.04	0.90
6/28/2010 21:00:00	19.477875	1.04	0.90
6/28/2010 21:15:00	19.477402	1.04	0.90
6/28/2010 21:30:00	19.475058	1.04	0.92
6/28/2010 21:45:00	19.476166	1.04	0.93
6/28/2010 22:00:00	19.471418	1.05	0.94
6/28/2010 22:15:00	19.470438	1.05	0.95
6/28/2010 22:30:00	19.466734	1.05	0.96
6/28/2010 22:45:00	19.464178	1.06	0.96
6/28/2010 23:00:00	19.464718	1.06	0.96
6/28/2010 23:15:00	19.469028	1.05	0.96
6/28/2010 23:30:00	19.472168	1.05	0.94
6/28/2010 23:45:00	19.480574	1.04	0.94
6/29/2010 0:00:00	19.485628	1.03	0.94
6/29/2010 0:15:00	19.493242	1.03	0.94
6/29/2010 0:30:00	19.497456	1.02	0.94
6/29/2010 0:45:00	19.502365	1.02	0.92
6/29/2010 1:00:00	19.513018	1.01	0.92
6/29/2010 1:15:00	19.521389	1.00	0.91
6/29/2010 1:30:00	19.528463	0.99	0.91
6/29/2010 1:45:00	19.537798	0.98	0.90
6/29/2010 2:00:00	19.544695	0.98	0.89
6/29/2010 2:15:00	19.55541	0.96	0.88
6/29/2010 2:30:00	19.561611	0.96	0.87
6/29/2010 2:45:00	19.575499	0.94	0.87
6/29/2010 3:00:00	19.584589	0.94	0.86
6/29/2010 3:15:00	19.597536	0.92	0.86
6/29/2010 3:30:00	19.605082	0.91	0.85
6/29/2010 3:45:00	19.612186	0.91	0.84
6/29/2010 4:00:00	19.618933	0.90	0.84
6/29/2010 4:15:00	19.629116	0.89	0.84
6/29/2010 4:30:00	19.637556	0.88	0.84
6/29/2010 4:45:00	19.645491	0.87	0.83
6/29/2010 5:00:00	19.65115	0.87	0.84

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/28/2010 13:45	19.162388	1.32	1.18
6/28/2010 14:00	19.172318	1.31	1.15
6/28/2010 14:15	19.188137	1.29	1.13
6/28/2010 14:30	19.218746	1.26	1.12
6/28/2010 14:45	19.247738	1.23	1.11
6/28/2010 15:00	19.290102	1.19	1.08
6/28/2010 15:15	19.341251	1.14	1.06
6/28/2010 15:30	19.379824	1.10	1.01
6/28/2010 15:45	19.422276	1.06	0.97
6/28/2010 16:00	19.398767	1.08	0.99
6/28/2010 16:15	19.358175	1.12	1.03
6/28/2010 16:30	19.373034	1.11	1.00
6/28/2010 16:45	19.390482	1.09	0.98
6/28/2010 17:00	19.413836	1.07	0.95
6/28/2010 17:15	19.441469	1.04	0.91
6/28/2010 17:30	19.453291	1.03	0.89
6/28/2010 17:45	19.421204	1.06	0.94
6/28/2010 18:00	19.414827	1.07	0.94
6/28/2010 18:15	19.434818	1.05	0.93
6/28/2010 18:30	19.423801	1.06	0.93
6/28/2010 18:45	19.410992	1.07	0.94
6/28/2010 19:00	19.400059	1.08	0.95
6/28/2010 19:15	19.354259	1.13	1.01
6/28/2010 19:30	19.328405	1.15	1.03
6/28/2010 19:45	19.31011	1.17	1.06
6/28/2010 20:00	19.311014	1.17	1.06
6/28/2010 20:15	19.31753	1.16	1.05
6/28/2010 20:30	19.304747	1.18	1.07
6/28/2010 20:45	19.301754	1.18	1.08
6/28/2010 21:00	19.29715	1.18	1.08
6/28/2010 21:15	19.273535	1.21	1.11
6/28/2010 21:30	19.271023	1.21	1.12
6/28/2010 21:45	19.270395	1.21	1.13
6/28/2010 22:00	19.259306	1.22	1.15
6/28/2010 22:15	19.25918	1.22	1.15
6/28/2010 22:30	19.274263	1.21	1.14
6/28/2010 22:45	19.296827	1.18	1.11
6/28/2010 23:00	19.310972	1.17	1.10
6/28/2010 23:15	19.335613	1.14	1.07
6/28/2010 23:30	19.348166	1.13	1.06
6/28/2010 23:45	19.351404	1.13	1.06
6/29/2010 0:00	19.366205	1.11	1.04
6/29/2010 0:15	19.382854	1.10	1.04
6/29/2010 0:30	19.402012	1.08	1.02
6/29/2010 0:45	19.419903	1.06	0.99
6/29/2010 1:00	19.439743	1.04	0.98
6/29/2010 1:15	19.461044	1.02	0.96
6/29/2010 1:30	19.476568	1.00	0.94
6/29/2010 1:45	19.49667	0.98	0.92
6/29/2010 2:00	19.513697	0.97	0.91
6/29/2010 2:15	19.53174	0.95	0.89
6/29/2010 2:30	19.551371	0.93	0.87
6/29/2010 2:45	19.572601	0.91	0.86
6/29/2010 3:00	19.589334	0.89	0.84
6/29/2010 3:15	19.599792	0.88	0.84
6/29/2010 3:30	19.609615	0.87	0.83
6/29/2010 3:45	19.62212	0.86	0.82
6/29/2010 4:00	19.629215	0.85	0.81
6/29/2010 4:15	19.631666	0.85	0.82
6/29/2010 4:30	19.635937	0.84	0.82
6/29/2010 4:45	19.624681	0.86	0.84
6/29/2010 5:00	19.62039	0.86	0.84
6/29/2010 5:15	19.613132	0.87	0.85
6/29/2010 5:30	19.6008	0.88	0.87
6/29/2010 5:45	19.590342	0.89	0.89
6/29/2010 6:00	19.578121	0.90	0.91
6/29/2010 6:15	19.559107	0.92	0.93
6/29/2010 6:30	19.546101	0.93	0.95
6/29/2010 6:45	19.528753	0.95	0.97

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/28/2010 12:00	19.122723	1.32	1.19
6/28/2010 12:15	19.14397	1.30	1.18
6/28/2010 12:30	19.172743	1.27	1.14
6/28/2010 12:45	19.200605	1.24	1.11
6/28/2010 13:00	19.245707	1.19	1.07
6/28/2010 13:15	19.283194	1.16	1.03
6/28/2010 13:30	19.312521	1.13	0.98
6/28/2010 13:45	19.347317	1.09	0.95
6/28/2010 14:00	19.358942	1.08	0.93
6/28/2010 14:15	19.377491	1.06	0.91
6/28/2010 14:30	19.424702	1.02	0.88
6/28/2010 14:45	19.469799	0.97	0.85
6/28/2010 15:00	19.539225	0.90	0.78
6/28/2010 15:15	19.625546	0.81	0.73
6/28/2010 15:30	19.69206	0.75	0.66
6/28/2010 15:45	19.759356	0.68	0.59
6/28/2010 16:00	19.666294	0.77	0.68
6/28/2010 16:15	19.568926	0.87	0.78
6/28/2010 16:30	19.628225	0.81	0.70
6/28/2010 16:45	19.648087	0.79	0.68
6/28/2010 17:00	19.695227	0.74	0.62
6/28/2010 17:15	19.747509	0.69	0.56
6/28/2010 17:30	19.743038	0.70	0.56
6/28/2010 17:45	19.655619	0.78	0.66
6/28/2010 18:00	19.6509	0.79	0.66
6/28/2010 18:15	19.692232	0.75	0.63
6/28/2010 18:30	19.648453	0.79	0.66
6/28/2010 18:45	19.624752	0.82	0.69
6/28/2010 19:00	19.594494	0.85	0.72
6/28/2010 19:15	19.490543	0.95	0.83
6/28/2010 19:30	19.46303	0.98	0.86
6/28/2010 19:45	19.4312	1.01	0.90
6/28/2010 20:00	19.447727	0.99	0.87
6/28/2010 20:15	19.467474	0.97	0.85
6/28/2010 20:30	19.437923	1.00	0.89
6/28/2010 20:45	19.438328	1.00	0.90
6/28/2010 21:00	19.427996	1.01	0.91
6/28/2010 21:15	19.381731	1.06	0.96
6/28/2010 21:30	19.38866	1.05	0.96
6/28/2010 21:45	19.385212	1.05	0.97
6/28/2010 22:00	19.369366	1.07	0.99
6/28/2010 22:15	19.380539	1.06	0.99
6/28/2010 22:30	19.421787	1.02	0.95
6/28/2010 22:45	19.460997	0.98	0.91
6/28/2010 23:00	19.48822	0.95	0.88
6/28/2010 23:15	19.529097	0.91	0.84
6/28/2010 23:30	19.539919	0.90	0.82
6/28/2010 23:45	19.540152	0.90	0.83
6/29/2010 0:00	19.567978	0.87	0.80
6/29/2010 0:15	19.601048	0.84	0.78
6/29/2010 0:30	19.630358	0.81	0.75
6/29/2010 0:45	19.658926	0.78	0.71
6/29/2010 1:00	19.694643	0.75	0.69
6/29/2010 1:15	19.722958	0.72	0.66
6/29/2010 1:30	19.739487	0.70	0.64
6/29/2010 1:45	19.770233	0.67	0.61
6/29/2010 2:00	19.794827	0.65	0.59
6/29/2010 2:15	19.824886	0.62	0.56
6/29/2010 2:30	19.85734	0.58	0.52
6/29/2010 2:45	19.883646	0.56	0.51
6/29/2010 3:00	19.899813	0.54	0.49
6/29/2010 3:15	19.906574	0.53	0.48
6/29/2010 3:30	19.916056	0.52	0.47
6/29/2010 3:45	19.934448	0.51	0.46
6/29/2010 4:00	19.936981	0.50	0.45
6/29/2010 4:15	19.93721	0.50	0.46
6/29/2010 4:30	19.933167	0.51	0.48
6/29/2010 4:45	19.905008	0.53	0.50
6/29/2010 5:00	19.885712	0.55	0.53

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/29/2010 5:15:00	19.653656	0.87	0.83
6/29/2010 5:30:00	19.663448	0.86	0.84
6/29/2010 5:45:00	19.669333	0.85	0.84
6/29/2010 6:00:00	19.67034	0.85	0.85
6/29/2010 6:15:00	19.668667	0.85	0.85
6/29/2010 6:30:00	19.676891	0.84	0.85
6/29/2010 6:45:00	19.672468	0.85	0.87
6/29/2010 7:00:00	19.673407	0.85	0.86
6/29/2010 7:15:00	19.67561	0.84	0.88
6/29/2010 7:30:00	19.671606	0.85	0.89
6/29/2010 7:45:00	19.664516	0.86	0.90
6/29/2010 8:00:00	19.658861	0.86	0.90
6/29/2010 8:15:00	19.651201	0.87	0.92
6/29/2010 8:30:00	19.647934	0.87	0.94
6/29/2010 8:45:00	19.641432	0.88	0.93
6/29/2010 9:00:00	19.632029	0.89	0.95
6/29/2010 9:15:00	19.620413	0.90	0.95
6/29/2010 9:30:00	19.61297	0.91	0.97
6/29/2010 9:45:00	19.602768	0.92	0.98
6/29/2010 10:00:00	19.595274	0.92	0.99
6/29/2010 10:15:00	19.586363	0.93	1.00
6/29/2010 10:30:00	19.584818	0.94	1.01
6/29/2010 10:45:00	19.575792	0.94	1.02
6/29/2010 11:00:00	19.573399	0.95	1.02
6/29/2010 11:15:00	19.569902	0.95	1.03
6/29/2010 11:30:00	19.566946	0.95	1.04
6/29/2010 11:45:00	19.565786	0.95	1.04
6/29/2010 12:00:00	19.56764	0.95	1.05
6/29/2010 12:15:00	19.568975	0.95	1.05
6/29/2010 12:30:00	19.574293	0.95	1.04
6/29/2010 12:45:00	19.576342	0.94	1.05
6/29/2010 13:00:00	19.580959	0.94	1.03
6/29/2010 13:15:00	19.590542	0.93	1.02
6/29/2010 13:30:00	19.602854	0.92	1.02
6/29/2010 13:45:00	19.610525	0.91	1.00
6/29/2010 14:00:00	19.624187	0.90	0.99
6/29/2010 14:15:00	19.6346	0.89	0.98
6/29/2010 14:30:00	19.648012	0.87	0.97
6/29/2010 14:45:00	19.663998	0.86	0.96
6/29/2010 15:00:00	19.677172	0.84	0.95
6/29/2010 15:15:00	19.685434	0.83	0.94
6/29/2010 15:30:00	19.694019	0.83	0.93
6/29/2010 15:45:00	19.703533	0.82	0.92
6/29/2010 16:00:00	19.712841	0.81	0.91
6/29/2010 16:15:00	19.71607	0.80	0.90
6/29/2010 16:30:00	19.725752	0.79	0.88
6/29/2010 16:45:00	19.733389	0.79	0.87
6/29/2010 17:00:00	19.742611	0.78	0.86
6/29/2010 17:15:00	19.753378	0.77	0.85
6/29/2010 17:30:00	19.760021	0.76	0.83
6/29/2010 17:45:00	19.7715	0.75	0.83
6/29/2010 18:00:00	19.7773	0.74	0.83
6/29/2010 18:15:00	19.787157	0.73	0.83
6/29/2010 18:30:00	19.793253	0.73	0.83
6/29/2010 18:45:00	19.80324	0.72	0.83
6/29/2010 19:00:00	19.806259	0.71	0.83
6/29/2010 19:15:00	19.810474	0.71	0.84
6/29/2010 19:30:00	19.81319	0.71	0.84
6/29/2010 19:45:00	19.817535	0.70	0.84
6/29/2010 20:00:00	19.821527	0.70	0.86
6/29/2010 20:15:00	19.820042	0.70	0.86
6/29/2010 20:30:00	19.822451	0.70	0.87
6/29/2010 20:45:00	19.818115	0.70	0.88
6/29/2010 21:00:00	19.814455	0.71	0.89
6/29/2010 21:15:00	19.815897	0.70	0.88
6/29/2010 21:30:00	19.813547	0.71	0.89
6/29/2010 21:45:00	19.817141	0.70	0.89
6/29/2010 22:00:00	19.815191	0.70	0.91
6/29/2010 22:15:00	19.808611	0.71	0.91

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/29/2010 7:00	19.510233	0.97	0.99
6/29/2010 7:15	19.496571	0.98	1.01
6/29/2010 7:30	19.470106	1.01	1.05
6/29/2010 7:45	19.448957	1.03	1.07
6/29/2010 8:00	19.43045	1.05	1.09
6/29/2010 8:15	19.41186	1.07	1.12
6/29/2010 8:30	19.397526	1.08	1.14
6/29/2010 8:45	19.381992	1.10	1.15
6/29/2010 9:00	19.362482	1.12	1.18
6/29/2010 9:15	19.342817	1.14	1.19
6/29/2010 9:30	19.329151	1.15	1.21
6/29/2010 9:45	19.313526	1.17	1.23
6/29/2010 10:00	19.308226	1.17	1.23
6/29/2010 10:15	19.306503	1.17	1.23
6/29/2010 10:30	19.309628	1.17	1.24
6/29/2010 10:45	19.318695	1.16	1.23
6/29/2010 11:00	19.326426	1.15	1.22
6/29/2010 11:15	19.340988	1.14	1.21
6/29/2010 11:30	19.352419	1.13	1.20
6/29/2010 11:45	19.360422	1.12	1.19
6/29/2010 12:00	19.383381	1.10	1.18
6/29/2010 12:15	19.399652	1.08	1.16
6/29/2010 12:30	19.42609	1.05	1.13
6/29/2010 12:45	19.448254	1.03	1.12
6/29/2010 13:00	19.469755	1.01	1.09
6/29/2010 13:15	19.492659	0.99	1.07
6/29/2010 13:30	19.521818	0.96	1.05
6/29/2010 13:45	19.547041	0.93	1.01
6/29/2010 14:00	19.570822	0.91	0.99
6/29/2010 14:15	19.589869	0.89	0.97
6/29/2010 14:30	19.617275	0.86	0.94
6/29/2010 14:45	19.649015	0.83	0.92
6/29/2010 15:00	19.66783	0.81	0.90
6/29/2010 15:15	19.68289	0.80	0.89
6/29/2010 15:30	19.707541	0.77	0.86
6/29/2010 15:45	19.7318	0.75	0.84
6/29/2010 16:00	19.749363	0.73	0.82
6/29/2010 16:15	19.765368	0.71	0.79
6/29/2010 16:30	19.784601	0.70	0.77
6/29/2010 16:45	19.808781	0.67	0.74
6/29/2010 17:00	19.823484	0.66	0.73
6/29/2010 17:15	19.829954	0.65	0.72
6/29/2010 17:30	19.833923	0.65	0.72
6/29/2010 17:45	19.829672	0.65	0.72
6/29/2010 18:00	19.821047	0.66	0.73
6/29/2010 18:15	19.81085	0.67	0.75
6/29/2010 18:30	19.804123	0.68	0.77
6/29/2010 18:45	19.808298	0.67	0.77
6/29/2010 19:00	19.798922	0.68	0.78
6/29/2010 19:15	19.786909	0.69	0.80
6/29/2010 19:30	19.776827	0.70	0.81
6/29/2010 19:45	19.757397	0.72	0.83
6/29/2010 20:00	19.732204	0.75	0.88
6/29/2010 20:15	19.70993	0.77	0.90
6/29/2010 20:30	19.6971	0.78	0.92
6/29/2010 20:45	19.6777	0.80	0.95
6/29/2010 21:00	19.658657	0.82	0.97
6/29/2010 21:15	19.64946	0.83	0.98
6/29/2010 21:30	19.636028	0.84	0.99
6/29/2010 21:45	19.625177	0.85	1.01
6/29/2010 22:00	19.616474	0.86	1.02
6/29/2010 22:15	19.607922	0.87	1.03
6/29/2010 22:30	19.609707	0.87	1.03
6/29/2010 22:45	19.602886	0.88	1.05
6/29/2010 23:00	19.602064	0.88	1.05
6/29/2010 23:15	19.59927	0.88	1.05
6/29/2010 23:30	19.59918	0.88	1.05
6/29/2010 23:45	19.613916	0.87	1.05
6/30/2010 0:00	19.62879	0.85	1.04

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/29/2010 5:15	19.863873	0.58	0.56
6/29/2010 5:30	19.834261	0.61	0.59
6/29/2010 5:45	19.816385	0.62	0.61
6/29/2010 6:00	19.784101	0.66	0.66
6/29/2010 6:15	19.74889	0.69	0.69
6/29/2010 6:30	19.731297	0.71	0.72
6/29/2010 6:45	19.69524	0.74	0.76
6/29/2010 7:00	19.668318	0.77	0.78
6/29/2010 7:15	19.634502	0.81	0.83
6/29/2010 7:30	19.586306	0.85	0.88
6/29/2010 7:45	19.555536	0.88	0.91
6/29/2010 8:00	19.530228	0.91	0.94
6/29/2010 8:15	19.507599	0.93	0.97
6/29/2010 8:30	19.49361	0.95	1.00
6/29/2010 8:45	19.469133	0.97	1.01
6/29/2010 9:00	19.43889	1.00	1.05
6/29/2010 9:15	19.415213	1.02	1.06
6/29/2010 9:30	19.393476	1.05	1.10
6/29/2010 9:45	19.382986	1.06	1.11
6/29/2010 10:00	19.381247	1.06	1.11
6/29/2010 10:15	19.38563	1.05	1.10
6/29/2010 10:30	19.401014	1.04	1.09
6/29/2010 10:45	19.428623	1.01	1.06
6/29/2010 11:00	19.444407	1.00	1.05
6/29/2010 11:15	19.466837	0.97	1.03
6/29/2010 11:30	19.484789	0.96	1.02
6/29/2010 11:45	19.502975	0.94	1.00
6/29/2010 12:00	19.547171	0.89	0.96
6/29/2010 12:15	19.581745	0.86	0.93
6/29/2010 12:30	19.622074	0.82	0.89
6/29/2010 12:45	19.670462	0.77	0.85
6/29/2010 13:00	19.697308	0.74	0.81
6/29/2010 13:15	19.733768	0.71	0.78
6/29/2010 13:30	19.777391	0.66	0.74
6/29/2010 13:45	19.819174	0.62	0.69
6/29/2010 14:00	19.853022	0.59	0.66
6/29/2010 14:15	19.871355	0.57	0.64
6/29/2010 14:30	19.918228	0.52	0.59
6/29/2010 14:45	19.968454	0.47	0.55
6/29/2010 15:00	19.986343	0.45	0.53
6/29/2010 15:15	20.00688	0.43	0.51
6/29/2010 15:30	20.04384	0.40	0.48
6/29/2010 15:45	20.07848	0.36	0.44
6/29/2010 16:00	20.101587	0.34	0.42
6/29/2010 16:15	20.12319	0.32	0.39
6/29/2010 16:30	20.155926	0.28	0.34
6/29/2010 16:45	20.194803	0.25	0.31
6/29/2010 17:00	20.206524	0.23	0.29
6/29/2010 17:15	20.207088	0.23	0.29
6/29/2010 17:30	20.198801	0.24	0.29
6/29/2010 17:45	20.177855	0.26	0.32
6/29/2010 18:00	20.148472	0.29	0.35
6/29/2010 18:15	20.123644	0.32	0.39
6/29/2010 18:30	20.11043	0.33	0.41
6/29/2010 18:45	20.111313	0.33	0.41
6/29/2010 19:00	20.086958	0.35	0.43
6/29/2010 19:15	20.057432	0.38	0.47
6/29/2010 19:30	20.035845	0.40	0.50
6/29/2010 19:45	19.992422	0.45	0.55
6/29/2010 20:00	19.93815	0.50	0.62
6/29/2010 20:15	19.898626	0.54	0.66
6/29/2010 20:30	19.876997	0.56	0.68
6/29/2010 20:45	19.845171	0.59	0.72
6/29/2010 21:00	19.822144	0.62	0.75
6/29/2010 21:15	19.806519	0.63	0.76
6/29/2010 21:30	19.782557	0.66	0.79
6/29/2010 21:45	19.767221	0.67	0.81
6/29/2010 22:00	19.750141	0.69	0.84
6/29/2010 22:15	19.751028	0.69	0.84

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/29/2010 22:30:00	19.809458	0.71	0.91
6/29/2010 22:45:00	19.807352	0.71	0.92
6/29/2010 23:00:00	19.805746	0.71	0.93
6/29/2010 23:15:00	19.803562	0.72	0.93
6/29/2010 23:30:00	19.80534	0.71	0.93
6/29/2010 23:45:00	19.805262	0.71	0.94
6/30/2010 0:00:00	19.804583	0.72	0.95
6/30/2010 0:15:00	19.80862	0.71	0.96
6/30/2010 0:30:00	19.81485	0.71	0.96
6/30/2010 0:45:00	19.810917	0.71	0.96
6/30/2010 1:00:00	19.813414	0.71	0.96
6/30/2010 1:15:00	19.81937	0.70	0.96
6/30/2010 1:30:00	19.821926	0.70	0.95
6/30/2010 1:45:00	19.827559	0.69	0.95
6/30/2010 2:00:00	19.837244	0.68	0.95
6/30/2010 2:15:00	19.849958	0.67	0.96
6/30/2010 2:30:00	19.853001	0.67	0.95
6/30/2010 2:45:00	19.854082	0.67	0.95
6/30/2010 3:00:00	19.860668	0.66	0.96
6/30/2010 3:15:00	19.866085	0.65	0.96
6/30/2010 3:30:00	19.868362	0.65	0.95
6/30/2010 3:45:00	19.876606	0.64	0.96
6/30/2010 4:00:00	19.8771	0.64	0.97
6/30/2010 4:15:00	19.882032	0.64	0.97
6/30/2010 4:30:00	19.89003	0.63	0.96
6/30/2010 4:45:00	19.893564	0.63	0.97
6/30/2010 5:00:00	19.896824	0.62	0.97
6/30/2010 5:15:00	19.902294	0.62	0.97
6/30/2010 5:30:00	19.907133	0.61	0.97
6/30/2010 5:45:00	19.909086	0.61	0.97
6/30/2010 6:00:00	19.909281	0.61	0.98
6/30/2010 6:15:00	19.912493	0.61	0.98
6/30/2010 6:30:00	19.915283	0.60	0.98
6/30/2010 6:45:00	19.922256	0.60	0.98
6/30/2010 7:00:00	19.924393	0.60	0.99
6/30/2010 7:15:00	19.925032	0.59	0.99
6/30/2010 7:30:00	19.922226	0.60	0.99
6/30/2010 7:45:00	19.920935	0.60	0.99
6/30/2010 8:00:00	19.92337	0.60	0.99
6/30/2010 8:15:00	19.924982	0.60	1.00
6/30/2010 8:30:00	19.918631	0.60	1.01
6/30/2010 8:45:00	19.918921	0.60	1.01
6/30/2010 9:00:00	19.91563	0.60	1.02
6/30/2010 9:15:00	19.91128	0.61	1.02
6/30/2010 9:30:00	19.907597	0.61	1.03
6/30/2010 9:45:00	19.904865	0.62	1.03
6/30/2010 10:00:00	19.900824	0.62	1.03
6/30/2010 10:15:00	19.896585	0.62	1.05
6/30/2010 10:30:00	19.893198	0.63	1.04
6/30/2010 10:45:00	19.888895	0.63	1.04
6/30/2010 11:00:00	19.886166	0.63	1.05
6/30/2010 11:15:00	19.883928	0.64	1.05
6/30/2010 11:30:00	19.878592	0.64	1.05
6/30/2010 11:45:00	19.879169	0.64	1.05
6/30/2010 12:00:00	19.879484	0.64	1.05
6/30/2010 12:15:00	19.883026	0.64	1.05
6/30/2010 12:30:00	19.88026	0.64	1.04
6/30/2010 12:45:00	19.883991	0.64	1.04
6/30/2010 13:00:00	19.883913	0.64	1.04
6/30/2010 13:15:00	19.889887	0.63	1.02
6/30/2010 13:30:00	19.896704	0.62	1.02
6/30/2010 13:45:00	19.90164	0.62	1.01
6/30/2010 14:00:00	19.904509	0.62	1.00
6/30/2010 14:15:00	19.914478	0.61	0.99
6/30/2010 14:30:00	19.918787	0.60	0.98
6/30/2010 14:45:00	19.921488	0.60	0.98
6/30/2010 15:00:00	19.929358	0.59	0.97
6/30/2010 15:15:00	19.93355	0.59	0.97
6/30/2010 15:30:00	19.93655	0.58	0.95

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/30/2010 0:15	19.64472	0.84	1.04
6/30/2010 0:30	19.65276	0.83	1.04
6/30/2010 0:45	19.665117	0.81	1.02
6/30/2010 1:00	19.677029	0.80	1.01
6/30/2010 1:15	19.692841	0.79	1.00
6/30/2010 1:30	19.72197	0.76	0.97
6/30/2010 1:45	19.748898	0.73	0.94
6/30/2010 2:00	19.759884	0.72	0.93
6/30/2010 2:15	19.782972	0.70	0.93
6/30/2010 2:30	19.795122	0.68	0.91
6/30/2010 2:45	19.805075	0.67	0.90
6/30/2010 3:00	19.817537	0.66	0.90
6/30/2010 3:15	19.832005	0.65	0.90
6/30/2010 3:30	19.828949	0.65	0.89
6/30/2010 3:45	19.833248	0.65	0.90
6/30/2010 4:00	19.84379	0.64	0.90
6/30/2010 4:15	19.856718	0.62	0.88
6/30/2010 4:30	19.873022	0.61	0.87
6/30/2010 4:45	19.884722	0.60	0.87
6/30/2010 5:00	19.889639	0.59	0.87
6/30/2010 5:15	19.883923	0.60	0.88
6/30/2010 5:30	19.868792	0.61	0.90
6/30/2010 5:45	19.856447	0.62	0.91
6/30/2010 6:00	19.853434	0.63	0.93
6/30/2010 6:15	19.853321	0.63	0.93
6/30/2010 6:30	19.85298	0.63	0.93
6/30/2010 6:45	19.84915	0.63	0.93
6/30/2010 7:00	19.843077	0.64	0.95
6/30/2010 7:15	19.82514	0.65	0.96
6/30/2010 7:30	19.809895	0.67	0.98
6/30/2010 7:45	19.792149	0.69	1.00
6/30/2010 8:00	19.778101	0.70	1.01
6/30/2010 8:15	19.763931	0.72	1.04
6/30/2010 8:30	19.746099	0.73	1.06
6/30/2010 8:45	19.734035	0.75	1.08
6/30/2010 9:00	19.713228	0.77	1.10
6/30/2010 9:15	19.692904	0.79	1.12
6/30/2010 9:30	19.681774	0.80	1.13
6/30/2010 9:45	19.672455	0.81	1.14
6/30/2010 10:00	19.670528	0.81	1.14
6/30/2010 10:15	19.66354	0.82	1.16
6/30/2010 10:30	19.65542	0.82	1.15
6/30/2010 10:45	19.652849	0.83	1.16
6/30/2010 11:00	19.647617	0.83	1.16
6/30/2010 11:15	19.65369	0.83	1.16
6/30/2010 11:30	19.660944	0.82	1.15
6/30/2010 11:45	19.67053	0.81	1.14
6/30/2010 12:00	19.685856	0.79	1.12
6/30/2010 12:15	19.698984	0.78	1.11
6/30/2010 12:30	19.704424	0.78	1.10
6/30/2010 12:45	19.716022	0.76	1.08
6/30/2010 13:00	19.725758	0.75	1.07
6/30/2010 13:15	19.737646	0.74	1.05
6/30/2010 13:30	19.760632	0.72	1.03
6/30/2010 13:45	19.776066	0.70	1.01
6/30/2010 14:00	19.789288	0.69	0.99
6/30/2010 14:15	19.804026	0.68	0.98
6/30/2010 14:30	19.811205	0.67	0.97
6/30/2010 14:45	19.823275	0.66	0.96
6/30/2010 15:00	19.838779	0.64	0.94
6/30/2010 15:15	19.856945	0.62	0.92
6/30/2010 15:30	19.875721	0.60	0.90
6/30/2010 15:45	19.889395	0.59	0.88
6/30/2010 16:00	19.89982	0.58	0.87
6/30/2010 16:15	19.904842	0.58	0.86
6/30/2010 16:30	19.912214	0.57	0.85
6/30/2010 16:45	19.915203	0.56	0.82
6/30/2010 17:00	19.920551	0.56	0.83
6/30/2010 17:15	19.925049	0.55	0.81

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/29/2010 22:30	19.755537	0.68	0.83
6/29/2010 22:45	19.746611	0.69	0.84
6/29/2010 23:00	19.745504	0.69	0.84
6/29/2010 23:15	19.745117	0.69	0.84
6/29/2010 23:30	19.750856	0.69	0.84
6/29/2010 23:45	19.777134	0.66	0.82
6/30/2010 0:00	19.809666	0.63	0.80
6/30/2010 0:15	19.829432	0.61	0.79
6/30/2010 0:30	19.838697	0.60	0.78
6/30/2010 0:45	19.856123	0.58	0.76
6/30/2010 1:00	19.87892	0.56	0.74
6/30/2010 1:15	19.914883	0.53	0.71
6/30/2010 1:30	19.975016	0.46	0.64
6/30/2010 1:45	20.009411	0.43	0.61
6/30/2010 2:00	20.021404	0.42	0.61
6/30/2010 2:15	20.043894	0.40	0.61
6/30/2010 2:30	20.06444	0.38	0.59
6/30/2010 2:45	20.072531	0.37	0.58
6/30/2010 3:00	20.091425	0.35	0.57
6/30/2010 3:15	20.107426	0.33	0.55
6/30/2010 3:30	20.091097	0.35	0.57
6/30/2010 3:45	20.086691	0.35	0.58
6/30/2010 4:00	20.111078	0.33	0.57
6/30/2010 4:15	20.128916	0.31	0.55
6/30/2010 4:30	20.150717	0.29	0.53
6/30/2010 4:45	20.168699	0.27	0.52
6/30/2010 5:00	20.16568	0.27	0.52
6/30/2010 5:15	20.143703	0.30	0.55
6/30/2010 5:30	20.10379	0.34	0.60
6/30/2010 5:45	20.082476	0.36	0.62
6/30/2010 6:00	20.074387	0.37	0.64
6/30/2010 6:15	20.078356	0.36	0.63
6/30/2010 6:30	20.073416	0.37	0.64
6/30/2010 6:45	20.060804	0.38	0.66
6/30/2010 7:00	20.04355	0.40	0.68
6/30/2010 7:15	20.015839	0.42	0.70
6/30/2010 7:30	19.97728	0.46	0.74
6/30/2010 7:45	19.954313	0.49	0.77
6/30/2010 8:00	19.928366	0.51	0.79
6/30/2010 8:15	19.892094	0.55	0.84
6/30/2010 8:30	19.867361	0.57	0.87
6/30/2010 8:45	19.852512	0.59	0.89
6/30/2010 9:00	19.812506	0.63	0.93
6/30/2010 9:15	19.794077	0.65	0.95
6/30/2010 9:30	19.782623	0.66	0.96
6/30/2010 9:45	19.766771	0.67	0.97
6/30/2010 10:00	19.768711	0.67	0.97
6/30/2010 10:15	19.764027	0.68	0.99
6/30/2010 10:30	19.756529	0.68	0.98
6/30/2010 10:45	19.760241	0.68	0.98
6/30/2010 11:00	19.751476	0.69	0.99
6/30/2010 11:15	19.77264	0.67	0.97
6/30/2010 11:30	19.800014	0.64	0.94
6/30/2010 11:45	19.815943	0.62	0.92
6/30/2010 12:00	19.849501	0.59	0.89
6/30/2010 12:15	19.866943	0.57	0.87
6/30/2010 12:30	19.871273	0.57	0.86
6/30/2010 12:45	19.893976	0.55	0.84
6/30/2010 13:00	19.910175	0.53	0.82
6/30/2010 13:15	19.943468	0.50	0.78
6/30/2010 13:30	19.979998	0.46	0.74
6/30/2010 13:45	20.004269	0.44	0.72
6/30/2010 14:00	20.025726	0.41	0.69
6/30/2010 14:15	20.039885	0.40	0.68
6/30/2010 14:30	20.054291	0.39	0.67
6/30/2010 14:45	20.074118	0.37	0.65
6/30/2010 15:00	20.101492	0.34	0.62
6/30/2010 15:15	20.126387	0.31	0.59
6/30/2010 15:30	20.160185	0.28	0.55

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/30/2010 15:45:00	19.936968	0.58	0.94
6/30/2010 16:00:00	19.944416	0.58	0.94
6/30/2010 16:15:00	19.94672	0.57	0.92
6/30/2010 16:30:00	19.951031	0.57	0.92
6/30/2010 16:45:00	19.951065	0.57	0.90
6/30/2010 17:00:00	19.960598	0.56	0.90
6/30/2010 17:15:00	19.960199	0.56	0.89
6/30/2010 17:30:00	19.965723	0.55	0.88
6/30/2010 17:45:00	19.970108	0.55	0.87
6/30/2010 18:00:00	19.972122	0.55	0.88
6/30/2010 18:15:00	19.975256	0.54	0.87
6/30/2010 18:30:00	19.981813	0.54	0.87
6/30/2010 18:45:00	19.983557	0.54	0.87
6/30/2010 19:00:00	19.982092	0.54	0.88
6/30/2010 19:15:00	19.982664	0.54	0.87
6/30/2010 19:30:00	19.98131	0.54	0.88
6/30/2010 19:45:00	19.978985	0.54	0.87
6/30/2010 20:00:00	19.973209	0.55	0.88
6/30/2010 20:15:00	19.969707	0.55	0.88
6/30/2010 20:30:00	19.967167	0.55	0.89
6/30/2010 20:45:00	19.959375	0.56	0.90
6/30/2010 21:00:00	19.952652	0.57	0.93
6/30/2010 21:15:00	19.943233	0.58	0.94
6/30/2010 21:30:00	19.936527	0.58	0.94
6/30/2010 21:45:00	19.925318	0.59	0.96
6/30/2010 22:00:00	19.918667	0.60	0.98
6/30/2010 22:15:00	19.907652	0.61	1.00
6/30/2010 22:30:00	19.894337	0.63	1.03
6/30/2010 22:45:00	19.877808	0.64	1.05
6/30/2010 23:00:00	19.868395	0.65	1.05
6/30/2010 23:15:00	19.854374	0.67	1.07
6/30/2010 23:30:00	19.843451	0.68	1.08
6/30/2010 23:45:00	19.836973	0.68	1.10
7/1/2010 0:00:00	19.830248	0.69	1.10
7/1/2010 0:15:00	19.819927	0.70	1.12
7/1/2010 0:30:00	19.809494	0.71	1.15
7/1/2010 0:45:00	19.801311	0.72	1.15
7/1/2010 1:00:00	19.793163	0.73	1.16
7/1/2010 1:15:00	19.786739	0.73	1.17
7/1/2010 1:30:00	19.781233	0.74	1.17
7/1/2010 1:45:00	19.779791	0.74	1.19
7/1/2010 2:00:00	19.775846	0.74	1.19
7/1/2010 2:15:00	19.775576	0.74	1.20
7/1/2010 2:30:00	19.768301	0.75	1.20
7/1/2010 2:45:00	19.767979	0.75	1.20
7/1/2010 3:00:00	19.768412	0.75	1.20
7/1/2010 3:15:00	19.768177	0.75	1.20
7/1/2010 3:30:00	19.767252	0.75	1.20
7/1/2010 3:45:00	19.769003	0.75	1.21
7/1/2010 4:00:00	19.772228	0.75	1.20
7/1/2010 4:15:00	19.774237	0.75	1.20
7/1/2010 4:30:00	19.77747	0.74	1.21
7/1/2010 4:45:00	19.784794	0.74	1.20
7/1/2010 5:00:00	19.787184	0.73	1.21
7/1/2010 5:15:00	19.793272	0.73	1.21
7/1/2010 5:30:00	19.79413	0.73	1.20
7/1/2010 5:45:00	19.804201	0.72	1.20
7/1/2010 6:00:00	19.80615	0.71	1.20
7/1/2010 6:15:00	19.813553	0.71	1.20
7/1/2010 6:30:00	19.818228	0.70	1.20
7/1/2010 6:45:00	19.825336	0.69	1.19
7/1/2010 7:00:00	19.827173	0.69	1.20
7/1/2010 7:15:00	19.828875	0.69	1.20
7/1/2010 7:30:00	19.835545	0.68	1.20
7/1/2010 7:45:00	19.836637	0.68	1.21
7/1/2010 8:00:00	19.838413	0.68	1.21
7/1/2010 8:15:00	19.835054	0.68	1.21
7/1/2010 8:30:00	19.834534	0.69	1.22
7/1/2010 8:45:00	19.833569	0.69	1.22

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/30/2010 17:30	19.929312	0.55	0.81
6/30/2010 17:45	19.923435	0.56	0.81
6/30/2010 18:00	19.913767	0.57	0.83
6/30/2010 18:15	19.902468	0.58	0.84
6/30/2010 18:30	19.889683	0.59	0.85
6/30/2010 18:45	19.872519	0.61	0.87
6/30/2010 19:00	19.857235	0.62	0.89
6/30/2010 19:15	19.83989	0.64	0.90
6/30/2010 19:30	19.818237	0.66	0.93
6/30/2010 19:45	19.79283	0.69	0.95
6/30/2010 20:00	19.764297	0.72	0.98
6/30/2010 20:15	19.73621	0.74	1.00
6/30/2010 20:30	19.711119	0.77	1.04
6/30/2010 20:45	19.682714	0.80	1.07
6/30/2010 21:00	19.658148	0.82	1.11
6/30/2010 21:15	19.633249	0.85	1.14
6/30/2010 21:30	19.606424	0.87	1.16
6/30/2010 21:45	19.579443	0.90	1.19
6/30/2010 22:00	19.560347	0.92	1.22
6/30/2010 22:15	19.532072	0.95	1.26
6/30/2010 22:30	19.51405	0.97	1.29
6/30/2010 22:45	19.491337	0.99	1.31
6/30/2010 23:00	19.476416	1.00	1.32
6/30/2010 23:15	19.460423	1.02	1.34
6/30/2010 23:30	19.448841	1.03	1.35
6/30/2010 23:45	19.441242	1.04	1.37
7/1/2010 0:00	19.434797	1.05	1.38
7/1/2010 0:15	19.435633	1.04	1.38
7/1/2010 0:30	19.435377	1.04	1.38
7/1/2010 0:45	19.439465	1.04	1.38
7/1/2010 1:00	19.449341	1.03	1.37
7/1/2010 1:15	19.462448	1.02	1.36
7/1/2010 1:30	19.475771	1.00	1.34
7/1/2010 1:45	19.491669	0.99	1.34
7/1/2010 2:00	19.503098	0.98	1.33
7/1/2010 2:15	19.515295	0.96	1.32
7/1/2010 2:30	19.525421	0.95	1.30
7/1/2010 2:45	19.538359	0.94	1.29
7/1/2010 3:00	19.547623	0.93	1.28
7/1/2010 3:15	19.559706	0.92	1.27
7/1/2010 3:30	19.56608	0.91	1.26
7/1/2010 3:45	19.581358	0.90	1.26
7/1/2010 4:00	19.600286	0.88	1.24
7/1/2010 4:15	19.613203	0.87	1.23
7/1/2010 4:30	19.632685	0.85	1.22
7/1/2010 4:45	19.646387	0.83	1.20
7/1/2010 5:00	19.653582	0.83	1.21
7/1/2010 5:15	19.660461	0.82	1.21
7/1/2010 5:30	19.665483	0.81	1.19
7/1/2010 5:45	19.678759	0.80	1.19
7/1/2010 6:00	19.687336	0.79	1.18
7/1/2010 6:15	19.686041	0.79	1.18
7/1/2010 6:30	19.694153	0.79	1.18
7/1/2010 6:45	19.688185	0.79	1.18
7/1/2010 7:00	19.684631	0.80	1.20
7/1/2010 7:15	19.683018	0.80	1.20
7/1/2010 7:30	19.675613	0.80	1.21
7/1/2010 7:45	19.673166	0.81	1.23
7/1/2010 8:00	19.666056	0.81	1.23
7/1/2010 8:15	19.65111	0.83	1.25
7/1/2010 8:30	19.639423	0.84	1.26
7/1/2010 8:45	19.630833	0.85	1.27
7/1/2010 9:00	19.614614	0.87	1.29
7/1/2010 9:15	19.606478	0.87	1.29
7/1/2010 9:30	19.594143	0.89	1.31
7/1/2010 9:45	19.581865	0.90	1.32
7/1/2010 10:00	19.576643	0.90	1.31
7/1/2010 10:15	19.565643	0.91	1.32
7/1/2010 10:30	19.554623	0.93	1.34

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/30/2010 15:45	20.183561	0.26	0.52
6/30/2010 16:00	20.195265	0.24	0.50
6/30/2010 16:15	20.203014	0.24	0.49
6/30/2010 16:30	20.207148	0.23	0.48
6/30/2010 16:45	20.212162	0.23	0.47
6/30/2010 17:00	20.219849	0.22	0.47
6/30/2010 17:15	20.232683	0.21	0.45
6/30/2010 17:30	20.232271	0.21	0.45
6/30/2010 17:45	20.212933	0.23	0.46
6/30/2010 18:00	20.187653	0.25	0.49
6/30/2010 18:15	20.162714	0.28	0.52
6/30/2010 18:30	20.133255	0.31	0.55
6/30/2010 18:45	20.095896	0.34	0.58
6/30/2010 19:00	20.064548	0.38	0.63
6/30/2010 19:15	20.035793	0.40	0.64
6/30/2010 19:30	19.994476	0.45	0.70
6/30/2010 19:45	19.951258	0.49	0.73
6/30/2010 20:00	19.903578	0.54	0.78
6/30/2010 20:15	19.849216	0.59	0.83
6/30/2010 20:30	19.799929	0.64	0.89
6/30/2010 20:45	19.759718	0.68	0.93
6/30/2010 21:00	19.720547	0.72	0.98
6/30/2010 21:15	19.676319	0.76	1.02
6/30/2010 21:30	19.638668	0.80	1.06
6/30/2010 21:45	19.606094	0.83	1.09
6/30/2010 22:00	19.568539	0.87	1.15
6/30/2010 22:15	19.532593	0.91	1.19
6/30/2010 22:30	19.504885	0.94	1.23
6/30/2010 22:45	19.482378	0.96	1.25
6/30/2010 23:00	19.463015	0.98	1.27
6/30/2010 23:15	19.453152	0.99	1.28
6/30/2010 23:30	19.437624	1.00	1.29
6/30/2010 23:45	19.436783	1.00	1.30
7/1/2010 0:00	19.429291	1.01	1.31
7/1/2010 0:15	19.43939	1.00	1.31
7/1/2010 0:30	19.445354	0.99	1.31
7/1/2010 0:45	19.46188	0.98	1.30
7/1/2010 1:00	19.491667	0.95	1.27
7/1/2010 1:15	19.50934	0.93	1.25
7/1/2010 1:30	19.54143	0.90	1.22
7/1/2010 1:45	19.567194	0.87	1.19
7/1/2010 2:00	19.587748	0.85	1.17
7/1/2010 2:15	19.613264	0.83	1.16
7/1/2010 2:30	19.643253	0.80	1.12
7/1/2010 2:45	19.656694	0.78	1.10
7/1/2010 3:00	19.679632	0.76	1.08
7/1/2010 3:15	19.702648	0.74	1.06
7/1/2010 3:30	19.709284	0.73	1.05
7/1/2010 3:45	19.72716	0.71	1.04
7/1/2010 4:00	19.758343	0.68	1.01
7/1/2010 4:15	19.786112	0.65	0.98
7/1/2010 4:30	19.816925	0.62	0.96
7/1/2010 4:45	19.830721	0.61	0.95
7/1/2010 5:00	19.835129	0.60	0.95
7/1/2010 5:15	19.832424	0.61	0.96
7/1/2010 5:30	19.841669	0.60	0.95
7/1/2010 5:45	19.861103	0.58	0.93
7/1/2010 6:00	19.867229	0.57	0.92
7/1/2010 6:15	19.866232	0.57	0.93
7/1/2010 6:30	19.871166	0.57	0.93
7/1/2010 6:45	19.853327	0.59	0.95
7/1/2010 7:00	19.838823	0.60	0.97
7/1/2010 7:15	19.83408	0.61	0.98
7/1/2010 7:30	19.817123	0.62	1.00
7/1/2010 7:45	19.807346	0.63	1.02
7/1/2010 8:00	19.79978	0.64	1.03
7/1/2010 8:15	19.772028	0.67	1.06
7/1/2010 8:30	19.748913	0.69	1.08
7/1/2010 8:45	19.730719	0.71	1.10

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/1/2010 9:00:00	19.831076	0.69	1.22
7/1/2010 9:15:00	19.826206	0.69	1.22
7/1/2010 9:30:00	19.820757	0.70	1.23
7/1/2010 9:45:00	19.817532	0.70	1.23
7/1/2010 10:00:00	19.815168	0.70	1.22
7/1/2010 10:15:00	19.806528	0.71	1.23
7/1/2010 10:30:00	19.803606	0.72	1.24
7/1/2010 10:45:00	19.798553	0.72	1.22
7/1/2010 11:00:00	19.797092	0.72	1.23
7/1/2010 11:15:00	19.793987	0.73	1.23
7/1/2010 11:30:00	19.790462	0.73	1.23
7/1/2010 11:45:00	19.789873	0.73	1.23
7/1/2010 12:00:00	19.784286	0.74	1.23
7/1/2010 12:15:00	19.781429	0.74	1.23
7/1/2010 12:30:00	19.784842	0.74	1.23
7/1/2010 12:45:00	19.783628	0.74	1.22
7/1/2010 13:00:00	19.784115	0.74	1.23
7/1/2010 13:15:00	19.78854	0.73	1.21
7/1/2010 13:30:00	19.789188	0.73	1.22
7/1/2010 13:45:00	19.795771	0.72	1.20
7/1/2010 14:00:00	19.802784	0.72	1.19
7/1/2010 14:15:00	19.806995	0.71	1.18
7/1/2010 14:30:00	19.81492	0.71	1.18
7/1/2010 14:45:00	19.821066	0.70	1.17
7/1/2010 15:00:00	19.827936	0.69	1.15
7/1/2010 15:15:00	19.839659	0.68	1.15
7/1/2010 15:30:00	19.846041	0.67	1.13
7/1/2010 15:45:00	19.856695	0.66	1.13
7/1/2010 16:00:00	19.867216	0.65	1.11
7/1/2010 16:15:00	19.877407	0.64	1.10
7/1/2010 16:30:00	19.887293	0.63	1.09
7/1/2010 16:45:00	19.899553	0.62	1.08
7/1/2010 17:00:00	19.911823	0.61	1.06
7/1/2010 17:15:00	19.921469	0.60	1.04
7/1/2010 17:30:00	19.931063	0.59	1.03
7/1/2010 17:45:00	19.942484	0.58	1.02
7/1/2010 18:00:00	19.953083	0.57	1.01
7/1/2010 18:15:00	19.965031	0.55	1.00
7/1/2010 18:30:00	19.972488	0.55	0.99
7/1/2010 18:45:00	19.984554	0.54	0.98
7/1/2010 19:00:00	19.993176	0.53	0.98
7/1/2010 19:15:00	19.997066	0.52	0.98
7/1/2010 19:30:00	20.00259	0.52	0.97
7/1/2010 19:45:00	20.006138	0.51	0.97
7/1/2010 20:00:00	20.006458	0.51	0.97
7/1/2010 20:15:00	20.010054	0.51	0.97
7/1/2010 20:30:00	20.011374	0.51	0.96
7/1/2010 20:45:00	20.013407	0.51	0.96
7/1/2010 21:00:00	20.014093	0.51	0.96
7/1/2010 21:15:00	20.017031	0.50	0.97
7/1/2010 21:30:00	20.018795	0.50	0.97
7/1/2010 21:45:00	20.016867	0.50	0.98
7/1/2010 22:00:00	20.016331	0.50	0.99
7/1/2010 22:15:00	20.014673	0.51	0.99
7/1/2010 22:30:00	20.014263	0.51	1.00
7/1/2010 22:45:00	20.011381	0.51	1.00
7/1/2010 23:00:00	20.00841	0.51	1.01
7/1/2010 23:15:00	20.003874	0.52	1.01
7/1/2010 23:30:00	20.002686	0.52	1.02
7/1/2010 23:45:00	19.997772	0.52	1.02
7/2/2010 0:00:00	19.99494	0.53	1.02
7/2/2010 0:15:00	19.991426	0.53	1.04
7/2/2010 0:30:00	19.988632	0.53	1.03
7/2/2010 0:45:00	19.986853	0.53	1.03
7/2/2010 1:00:00	19.987957	0.53	1.04
7/2/2010 1:15:00	19.986917	0.53	1.04
7/2/2010 1:30:00	19.986446	0.53	1.05
7/2/2010 1:45:00	19.990082	0.53	1.05
7/2/2010 2:00:00	19.988031	0.53	1.05

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/1/2010 10:45	19.554886	0.93	1.32
7/1/2010 11:00	19.551346	0.93	1.33
7/1/2010 11:15	19.55266	0.93	1.33
7/1/2010 11:30	19.551579	0.93	1.32
7/1/2010 11:45	19.557821	0.92	1.31
7/1/2010 12:00	19.565639	0.91	1.30
7/1/2010 12:15	19.571543	0.91	1.30
7/1/2010 12:30	19.589573	0.89	1.28
7/1/2010 12:45	19.600607	0.88	1.27
7/1/2010 13:00	19.613626	0.87	1.26
7/1/2010 13:15	19.628275	0.85	1.23
7/1/2010 13:30	19.644398	0.84	1.23
7/1/2010 13:45	19.655285	0.82	1.20
7/1/2010 14:00	19.675314	0.80	1.18
7/1/2010 14:15	19.693117	0.79	1.16
7/1/2010 14:30	19.713297	0.77	1.15
7/1/2010 14:45	19.73485	0.75	1.12
7/1/2010 15:00	19.751047	0.73	1.09
7/1/2010 15:15	19.773952	0.71	1.08
7/1/2010 15:30	19.786119	0.69	1.05
7/1/2010 15:45	19.799337	0.68	1.05
7/1/2010 16:00	19.819656	0.66	1.02
7/1/2010 16:15	19.845825	0.63	0.99
7/1/2010 16:30	19.871731	0.61	0.97
7/1/2010 16:45	19.892763	0.59	0.95
7/1/2010 17:00	19.911148	0.57	0.93
7/1/2010 17:15	19.929852	0.55	0.90
7/1/2010 17:30	19.942732	0.54	0.89
7/1/2010 17:45	19.954433	0.53	0.88
7/1/2010 18:00	19.966053	0.51	0.86
7/1/2010 18:15	19.977482	0.50	0.85
7/1/2010 18:30	19.983692	0.50	0.85
7/1/2010 18:45	19.994032	0.49	0.84
7/1/2010 19:00	20.002338	0.48	0.84
7/1/2010 19:15	19.997149	0.48	0.84
7/1/2010 19:30	19.986155	0.49	0.85
7/1/2010 19:45	19.976522	0.50	0.86
7/1/2010 20:00	19.967503	0.51	0.87
7/1/2010 20:15	19.961658	0.52	0.88
7/1/2010 20:30	19.948793	0.53	0.89
7/1/2010 20:45	19.931156	0.55	0.91
7/1/2010 21:00	19.912611	0.57	0.93
7/1/2010 21:15	19.894943	0.59	0.96
7/1/2010 21:30	19.872393	0.61	0.98
7/1/2010 21:45	19.855391	0.62	1.00
7/1/2010 22:00	19.842192	0.64	1.03
7/1/2010 22:15	19.826443	0.65	1.04
7/1/2010 22:30	19.814484	0.67	1.06
7/1/2010 22:45	19.804483	0.68	1.07
7/1/2010 23:00	19.793394	0.69	1.08
7/1/2010 23:15	19.77969	0.70	1.09
7/1/2010 23:30	19.769197	0.71	1.10
7/1/2010 23:45	19.762728	0.72	1.11
7/2/2010 0:00	19.757898	0.72	1.11
7/2/2010 0:15	19.758436	0.72	1.12
7/2/2010 0:30	19.75754	0.72	1.11
7/2/2010 0:45	19.761812	0.72	1.11
7/2/2010 1:00	19.767115	0.71	1.11
7/2/2010 1:15	19.772947	0.71	1.11
7/2/2010 1:30	19.781662	0.70	1.11
7/2/2010 1:45	19.7887	0.69	1.10
7/2/2010 2:00	19.797192	0.68	1.09
7/2/2010 2:15	19.808634	0.67	1.09
7/2/2010 2:30	19.815277	0.66	1.08
7/2/2010 2:45	19.826979	0.65	1.07
7/2/2010 3:00	19.844854	0.64	1.07
7/2/2010 3:15	19.860613	0.62	1.05
7/2/2010 3:30	19.880154	0.60	1.03
7/2/2010 3:45	19.898687	0.58	1.01

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/1/2010 9:00	19.702806	0.74	1.13
7/1/2010 9:15	19.694305	0.75	1.14
7/1/2010 9:30	19.674408	0.77	1.16
7/1/2010 9:45	19.653212	0.79	1.18
7/1/2010 10:00	19.657717	0.78	1.16
7/1/2010 10:15	19.653715	0.79	1.17
7/1/2010 10:30	19.646389	0.79	1.17
7/1/2010 10:45	19.65029	0.79	1.15
7/1/2010 11:00	19.648226	0.79	1.16
7/1/2010 11:15	19.648859	0.79	1.16
7/1/2010 11:30	19.655415	0.78	1.14
7/1/2010 11:45	19.669554	0.77	1.13
7/1/2010 12:00	19.687603	0.75	1.11
7/1/2010 12:15	19.708925	0.73	1.08
7/1/2010 12:30	19.740084	0.70	1.06
7/1/2010 12:45	19.76108	0.68	1.03
7/1/2010 13:00	19.77632	0.66	1.02
7/1/2010 13:15	19.807629	0.63	0.98
7/1/2010 13:30	19.83462	0.61	0.96
7/1/2010 13:45	19.847271	0.59	0.94
7/1/2010 14:00	19.888014	0.55	0.90
7/1/2010 14:15	19.91571	0.52	0.86
7/1/2010 14:30	19.949949	0.49	0.84
7/1/2010 14:45	19.98534	0.45	0.79
7/1/2010 15:00	20.013763	0.43	0.76
7/1/2010 15:15	20.042126	0.40	0.74
7/1/2010 15:30	20.057814	0.38	0.71
7/1/2010 15:45	20.072706	0.37	0.71
7/1/2010 16:00	20.112057	0.33	0.66
7/1/2010 16:15	20.154577	0.29	0.62
7/1/2010 16:30	20.193079	0.25	0.58
7/1/2010 16:45	20.22011	0.22	0.55
7/1/2010 17:00	20.242975	0.20	0.53
7/1/2010 17:15	20.272406	0.17	0.49
7/1/2010 17:30	20.28594	0.15	0.47
7/1/2010 17:45	20.291739	0.15	0.47
7/1/2010 18:00	20.310715	0.13	0.45
7/1/2010 18:15	20.316961	0.12	0.44
7/1/2010 18:30	20.324286	0.12	0.44
7/1/2010 18:45	20.334066	0.11	0.43
7/1/2010 19:00	20.341024	0.10	0.43
7/1/2010 19:15	20.31918	0.12	0.45
7/1/2010 19:30	20.291792	0.15	0.48
7/1/2010 19:45	20.263081	0.18	0.51
7/1/2010 20:00	20.244772	0.20	0.53
7/1/2010 20:15	20.230478	0.21	0.54
7/1/2010 20:30	20.203924	0.24	0.57
7/1/2010 20:45	20.167276	0.27	0.60
7/1/2010 21:00	20.133331	0.31	0.64
7/1/2010 21:15	20.092703	0.35	0.69
7/1/2010 21:30	20.052599	0.39	0.73
7/1/2010 21:45	20.025253	0.41	0.76
7/1/2010 22:00	20.004704	0.44	0.79
7/1/2010 22:15	19.973087	0.47	0.82
7/1/2010 22:30	19.95339	0.49	0.85
7/1/2010 22:45	19.943285	0.50	0.85
7/1/2010 23:00	19.921543	0.52	0.88
7/1/2010 23:15	19.907333	0.53	0.89
7/1/2010 23:30	19.895529	0.54	0.90
7/1/2010 23:45	19.888062	0.55	0.91
7/2/2010 0:00	19.888325	0.55	0.91
7/2/2010 0:15	19.885036	0.55	0.92
7/2/2010 0:30	19.894104	0.55	0.91
7/2/2010 0:45	19.905603	0.53	0.89
7/2/2010 1:00	19.914499	0.53	0.90
7/2/2010 1:15	19.925009	0.51	0.88
7/2/2010 1:30	19.940924	0.50	0.88
7/2/2010 1:45	19.953564	0.49	0.87
7/2/2010 2:00	19.966213	0.47	0.85

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/2/2010 2:15:00	19.988728	0.53	1.06
7/2/2010 2:30:00	19.991617	0.53	1.06
7/2/2010 2:45:00	19.994186	0.53	1.06
7/2/2010 3:00:00	19.999226	0.52	1.06
7/2/2010 3:15:00	20.002695	0.52	1.06
7/2/2010 3:30:00	20.006918	0.51	1.05
7/2/2010 3:45:00	20.015707	0.50	1.06
7/2/2010 4:00:00	20.017513	0.50	1.04
7/2/2010 4:15:00	20.021389	0.50	1.04
7/2/2010 4:30:00	20.02702	0.49	1.04
7/2/2010 4:45:00	20.031309	0.49	1.04
7/2/2010 5:00:00	20.032215	0.49	1.04
7/2/2010 5:15:00	20.037884	0.48	1.03
7/2/2010 5:30:00	20.041605	0.48	1.03
7/2/2010 5:45:00	20.043932	0.48	1.02
7/2/2010 6:00:00	20.049704	0.47	1.03
7/2/2010 6:15:00	20.055561	0.46	1.02
7/2/2010 6:30:00	20.055935	0.46	1.03
7/2/2010 6:45:00	20.060862	0.46	1.02
7/2/2010 7:00:00	20.061697	0.46	1.03
7/2/2010 7:15:00	20.062702	0.46	1.03
7/2/2010 7:30:00	20.063326	0.46	1.03
7/2/2010 7:45:00	20.063858	0.46	1.03
7/2/2010 8:00:00	20.06587	0.45	1.04
7/2/2010 8:15:00	20.065487	0.45	1.03
7/2/2010 8:30:00	20.061789	0.46	1.04
7/2/2010 8:45:00	20.063337	0.46	1.03
7/2/2010 9:00:00	20.060421	0.46	1.04
7/2/2010 9:15:00	20.060421	0.46	1.04
7/2/2010 9:30:00	20.058796	0.46	1.03
7/2/2010 9:45:00	20.054705	0.47	1.04
7/2/2010 10:00:00	20.053268	0.47	1.05
7/2/2010 10:15:00	20.045609	0.47	1.06
7/2/2010 10:30:00	20.042679	0.48	1.06
7/2/2010 10:45:00	20.035826	0.48	1.07
7/2/2010 11:00:00	20.027742	0.49	1.08
7/2/2010 11:15:00	20.02088	0.50	1.07
7/2/2010 11:30:00	20.013348	0.51	1.07
7/2/2010 11:45:00	20.011442	0.51	1.08
7/2/2010 12:00:00	20.009201	0.51	1.08
7/2/2010 12:15:00	20.003155	0.52	1.09
7/2/2010 12:30:00	19.997358	0.52	1.08
7/2/2010 12:45:00	19.994764	0.53	1.09
7/2/2010 13:00:00	19.98764	0.53	1.08
7/2/2010 13:15:00	19.983667	0.54	1.09
7/2/2010 13:30:00	19.98366	0.54	1.08
7/2/2010 13:45:00	19.981968	0.54	1.08
7/2/2010 14:00:00	19.980734	0.54	1.07
7/2/2010 14:15:00	19.983185	0.54	1.07
7/2/2010 14:30:00	19.98592	0.53	1.05
7/2/2010 14:45:00	19.989763	0.53	1.05
7/2/2010 15:00:00	19.993519	0.53	1.04
7/2/2010 15:15:00	19.997995	0.52	1.03
7/2/2010 15:30:00	20.005005	0.51	1.02
7/2/2010 15:45:00	20.013567	0.51	1.00
7/2/2010 16:00:00	20.018681	0.50	1.00
7/2/2010 16:15:00	20.026554	0.49	0.99
7/2/2010 16:30:00	20.034674	0.49	0.97
7/2/2010 16:45:00	20.045185	0.47	0.96
7/2/2010 17:00:00	20.053659	0.47	0.95
7/2/2010 17:15:00	20.058359	0.46	0.94
7/2/2010 17:30:00	20.069921	0.45	0.93
7/2/2010 17:45:00	20.071142	0.45	0.93
7/2/2010 18:00:00	20.0728	0.45	0.91
7/2/2010 18:15:00	20.080942	0.44	0.92
7/2/2010 18:30:00	20.083096	0.44	0.90
7/2/2010 18:45:00	20.092503	0.43	0.89
7/2/2010 19:00:00	20.092451	0.43	0.89
7/2/2010 19:15:00	20.095837	0.42	0.89

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/2/2010 4:00	19.908779	0.57	1.00
7/2/2010 4:15	19.91943	0.56	0.99
7/2/2010 4:30	19.930304	0.55	0.98
7/2/2010 4:45	19.939327	0.54	0.97
7/2/2010 5:00	19.951269	0.53	0.96
7/2/2010 5:15	19.961866	0.52	0.95
7/2/2010 5:30	19.970533	0.51	0.94
7/2/2010 5:45	19.976164	0.50	0.93
7/2/2010 6:00	19.979843	0.50	0.94
7/2/2010 6:15	19.98118	0.50	0.93
7/2/2010 6:30	19.979954	0.50	0.94
7/2/2010 6:45	19.975382	0.50	0.94
7/2/2010 7:00	19.971676	0.51	0.96
7/2/2010 7:15	19.962404	0.52	0.97
7/2/2010 7:30	19.954889	0.53	0.98
7/2/2010 7:45	19.9475	0.53	0.98
7/2/2010 8:00	19.934376	0.55	1.01
7/2/2010 8:15	19.919926	0.56	1.01
7/2/2010 8:30	19.906576	0.57	1.03
7/2/2010 8:45	19.891851	0.59	1.04
7/2/2010 9:00	19.882172	0.60	1.06
7/2/2010 9:15	19.866133	0.61	1.07
7/2/2010 9:30	19.855043	0.62	1.07
7/2/2010 9:45	19.836451	0.64	1.09
7/2/2010 10:00	19.817276	0.66	1.12
7/2/2010 10:15	19.788221	0.69	1.15
7/2/2010 10:30	19.774677	0.71	1.17
7/2/2010 10:45	19.759771	0.72	1.18
7/2/2010 11:00	19.748074	0.73	1.19
7/2/2010 11:15	19.741072	0.74	1.19
7/2/2010 11:30	19.733229	0.75	1.19
7/2/2010 11:45	19.728317	0.75	1.20
7/2/2010 12:00	19.731152	0.75	1.20
7/2/2010 12:15	19.727629	0.75	1.20
7/2/2010 12:30	19.722172	0.76	1.20
7/2/2010 12:45	19.731003	0.75	1.19
7/2/2010 13:00	19.737	0.74	1.17
7/2/2010 13:15	19.741991	0.74	1.17
7/2/2010 13:30	19.747452	0.73	1.16
7/2/2010 13:45	19.759418	0.72	1.15
7/2/2010 14:00	19.771801	0.71	1.13
7/2/2010 14:15	19.784552	0.70	1.12
7/2/2010 14:30	19.799374	0.68	1.09
7/2/2010 14:45	19.816843	0.66	1.07
7/2/2010 15:00	19.830145	0.65	1.05
7/2/2010 15:15	19.847569	0.63	1.03
7/2/2010 15:30	19.867367	0.61	1.01
7/2/2010 15:45	19.87978	0.60	0.99
7/2/2010 16:00	19.887705	0.59	0.98
7/2/2010 16:15	19.906401	0.57	0.96
7/2/2010 16:30	19.922205	0.56	0.95
7/2/2010 16:45	19.935413	0.54	0.93
7/2/2010 17:00	19.953836	0.53	0.92
7/2/2010 17:15	19.973505	0.51	0.89
7/2/2010 17:30	19.990313	0.49	0.87
7/2/2010 17:45	20.001919	0.48	0.86
7/2/2010 18:00	20.006353	0.47	0.84
7/2/2010 18:15	20.015137	0.46	0.84
7/2/2010 18:30	20.022457	0.46	0.83
7/2/2010 18:45	20.024641	0.46	0.83
7/2/2010 19:00	20.024914	0.46	0.83
7/2/2010 19:15	20.025827	0.45	0.82
7/2/2010 19:30	20.023169	0.46	0.83
7/2/2010 19:45	20.014894	0.47	0.83
7/2/2010 20:00	20.001932	0.48	0.85
7/2/2010 20:15	19.990122	0.49	0.85
7/2/2010 20:30	19.977417	0.50	0.87
7/2/2010 20:45	19.959763	0.52	0.89
7/2/2010 21:00	19.94215	0.54	0.91

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/2/2010 2:15	19.987719	0.45	0.84
7/2/2010 2:30	19.997053	0.44	0.83
7/2/2010 2:45	20.019312	0.42	0.81
7/2/2010 3:00	20.049372	0.39	0.78
7/2/2010 3:15	20.078823	0.36	0.75
7/2/2010 3:30	20.114134	0.33	0.72
7/2/2010 3:45	20.138346	0.30	0.70
7/2/2010 4:00	20.148907	0.29	0.68
7/2/2010 4:15	20.162951	0.28	0.67
7/2/2010 4:30	20.179049	0.26	0.66
7/2/2010 4:45	20.190329	0.25	0.65
7/2/2010 5:00	20.212667	0.23	0.63
7/2/2010 5:15	20.227873	0.21	0.61
7/2/2010 5:30	20.236734	0.20	0.60
7/2/2010 5:45	20.245481	0.19	0.58
7/2/2010 6:00	20.24329	0.20	0.61
7/2/2010 6:15	20.236099	0.20	0.60
7/2/2010 6:30	20.225956	0.21	0.62
7/2/2010 6:45	20.212553	0.23	0.64
7/2/2010 7:00	20.205799	0.23	0.65
7/2/2010 7:15	20.185255	0.25	0.67
7/2/2010 7:30	20.171011	0.27	0.69
7/2/2010 7:45	20.155766	0.28	0.70
7/2/2010 8:00	20.123739	0.32	0.74
7/2/2010 8:15	20.098207	0.34	0.76
7/2/2010 8:30	20.080793	0.36	0.78
7/2/2010 8:45	20.054073	0.39	0.81
7/2/2010 9:00	20.037506	0.40	0.82
7/2/2010 9:15	20.019346	0.42	0.84
7/2/2010 9:30	19.998962	0.44	0.86
7/2/2010 9:45	19.964233	0.48	0.90
7/2/2010 10:00	19.931517	0.51	0.93
7/2/2010 10:15	19.888479	0.55	0.97
7/2/2010 10:30	19.868942	0.57	0.99
7/2/2010 10:45	19.8496	0.59	1.01
7/2/2010 11:00	19.843012	0.60	1.02
7/2/2010 11:15	19.84519	0.59	1.01
7/2/2010 11:30	19.844835	0.60	1.01
7/2/2010 11:45	19.834274	0.61	1.03
7/2/2010 12:00	19.843399	0.60	1.02
7/2/2010 12:15	19.842978	0.60	1.02
7/2/2010 12:30	19.843292	0.60	1.01
7/2/2010 12:45	19.864832	0.58	0.99
7/2/2010 13:00	19.878727	0.56	0.96
7/2/2010 13:15	19.894627	0.55	0.95
7/2/2010 13:30	19.918598	0.52	0.91
7/2/2010 13:45	19.937351	0.50	0.89
7/2/2010 14:00	19.959406	0.48	0.87
7/2/2010 14:15	19.982111	0.46	0.85
7/2/2010 14:30	20.01185	0.43	0.81
7/2/2010 14:45	20.043514	0.40	0.78
7/2/2010 15:00	20.064312	0.38	0.75
7/2/2010 15:15	20.094578	0.35	0.72
7/2/2010 15:30	20.127552	0.31	0.68
7/2/2010 15:45	20.144299	0.30	0.66
7/2/2010 16:00	20.161831	0.28	0.64
7/2/2010 16:15	20.184813	0.26	0.62
7/2/2010 16:30	20.205109	0.23	0.58
7/2/2010 16:45	20.230387	0.21	0.56
7/2/2010 17:00	20.255533	0.18	0.53
7/2/2010 17:15	20.287394	0.15	0.50
7/2/2010 17:30	20.314472	0.13	0.48
7/2/2010 17:45	20.331945	0.11	0.46
7/2/2010 18:00	20.334919	0.11	0.45
7/2/2010 18:15	20.342773	0.10	0.45
7/2/2010 18:30	20.350811	0.09	0.43
7/2/2010 18:45	20.344885	0.10	0.44
7/2/2010 19:00	20.340105	0.10	0.44
7/2/2010 19:15	20.339603	0.10	0.44

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/2/2010 19:30:00	20.099463	0.42	0.89
7/2/2010 19:45:00	20.098698	0.42	0.88
7/2/2010 20:00:00	20.099476	0.42	0.89
7/2/2010 20:15:00	20.099789	0.42	0.88
7/2/2010 20:30:00	20.102827	0.42	0.88
7/2/2010 20:45:00	20.106569	0.41	0.88
7/2/2010 21:00:00	20.104095	0.42	0.88
7/2/2010 21:15:00	20.10618	0.41	0.88
7/2/2010 21:30:00	20.105303	0.41	0.88
7/2/2010 21:45:00	20.103512	0.42	0.89
7/2/2010 22:00:00	20.097769	0.42	0.91
7/2/2010 22:15:00	20.092695	0.43	0.90
7/2/2010 22:30:00	20.086088	0.43	0.90
7/2/2010 22:45:00	20.08098	0.44	0.93
7/2/2010 23:00:00	20.067272	0.45	0.93
7/2/2010 23:15:00	20.062193	0.46	0.91
7/2/2010 23:30:00	20.05657	0.46	0.94
7/2/2010 23:45:00	20.045132	0.47	0.95
7/3/2010 0:00:00	20.037411	0.48	0.96
7/3/2010 0:15:00	20.024866	0.50	0.96
7/3/2010 0:30:00	20.015871	0.50	0.98
7/3/2010 0:45:00	20.005346	0.51	0.99
7/3/2010 1:00:00	19.997568	0.52	1.00
7/3/2010 1:15:00	19.986132	0.53	1.01
7/3/2010 1:30:00	19.978407	0.54	1.02
7/3/2010 1:45:00	19.97084	0.55	1.03
7/3/2010 2:00:00	19.961275	0.56	1.04
7/3/2010 2:15:00	19.956543	0.56	1.04
7/3/2010 2:30:00	19.950104	0.57	1.05
7/3/2010 2:45:00	19.941191	0.58	1.06
7/3/2010 3:00:00	19.938284	0.58	1.06
7/3/2010 3:15:00	19.929674	0.59	1.07
7/3/2010 3:30:00	19.926485	0.59	1.07
7/3/2010 3:45:00	19.922979	0.60	1.07
7/3/2010 4:00:00	19.919506	0.60	1.08
7/3/2010 4:15:00	19.914644	0.61	1.08
7/3/2010 4:30:00	19.911684	0.61	1.10
7/3/2010 4:45:00	19.911016	0.61	1.10
7/3/2010 5:00:00	19.90682	0.61	1.10
7/3/2010 5:15:00	19.903551	0.62	1.10
7/3/2010 5:30:00	19.903744	0.62	1.11
7/3/2010 5:45:00	19.900839	0.62	1.12
7/3/2010 6:00:00	19.898138	0.62	1.13
7/3/2010 6:15:00	19.894815	0.63	1.13
7/3/2010 6:30:00	19.892929	0.63	1.14
7/3/2010 6:45:00	19.890535	0.63	1.14
7/3/2010 7:00:00	19.889088	0.63	1.14
7/3/2010 7:15:00	19.888899	0.63	1.15
7/3/2010 7:30:00	19.885862	0.63	1.15
7/3/2010 7:45:00	19.883291	0.64	1.16
7/3/2010 8:00:00	19.880758	0.64	1.16
7/3/2010 8:15:00	19.877207	0.64	1.17
7/3/2010 8:30:00	19.871054	0.65	1.18
7/3/2010 8:45:00	19.865524	0.65	1.17
7/3/2010 9:00:00	19.858173	0.66	1.18
7/3/2010 9:15:00	19.854359	0.67	1.19
7/3/2010 9:30:00	19.851154	0.67	1.18
7/3/2010 9:45:00	19.844015	0.68	1.17
7/3/2010 10:00:00	19.838715	0.68	1.18
7/3/2010 10:15:00	19.832903	0.69	1.17
7/3/2010 10:30:00	19.830931	0.69	1.18
7/3/2010 10:45:00	19.821178	0.70	1.19
7/3/2010 11:00:00	19.818007	0.70	1.18
7/3/2010 11:15:00	19.812992	0.71	1.18
7/3/2010 11:30:00	19.803253	0.72	1.18
7/3/2010 11:45:00	19.797831	0.72	1.19
7/3/2010 12:00:00	19.793512	0.73	1.18
7/3/2010 12:15:00	19.78717	0.73	1.20
7/3/2010 12:30:00	19.779718	0.74	1.19

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/2/2010 21:15	19.922567	0.56	0.93
7/2/2010 21:30	19.898279	0.58	0.95
7/2/2010 21:45	19.876711	0.60	0.98
7/2/2010 22:00	19.856955	0.62	1.01
7/2/2010 22:15	19.830904	0.65	1.03
7/2/2010 22:30	19.807224	0.67	1.04
7/2/2010 22:45	19.781301	0.70	1.09
7/2/2010 23:00	19.752012	0.73	1.11
7/2/2010 23:15	19.735935	0.74	1.10
7/2/2010 23:30	19.716124	0.76	1.14
7/2/2010 23:45	19.691999	0.79	1.17
7/3/2010 0:00	19.674685	0.81	1.19
7/3/2010 0:15	19.650223	0.83	1.20
7/3/2010 0:30	19.63644	0.84	1.22
7/3/2010 0:45	19.62529	0.85	1.23
7/3/2010 1:00	19.612019	0.87	1.25
7/3/2010 1:15	19.600626	0.88	1.26
7/3/2010 1:30	19.59503	0.88	1.26
7/3/2010 1:45	19.59059	0.89	1.27
7/3/2010 2:00	19.587023	0.89	1.27
7/3/2010 2:15	19.587831	0.89	1.27
7/3/2010 2:30	19.586493	0.89	1.27
7/3/2010 2:45	19.58868	0.89	1.27
7/3/2010 3:00	19.592577	0.89	1.27
7/3/2010 3:15	19.597412	0.88	1.26
7/3/2010 3:30	19.599854	0.88	1.26
7/3/2010 3:45	19.601929	0.88	1.26
7/3/2010 4:00	19.609018	0.87	1.25
7/3/2010 4:15	19.608212	0.87	1.25
7/3/2010 4:30	19.615219	0.86	1.25
7/3/2010 4:45	19.625147	0.85	1.24
7/3/2010 5:00	19.631638	0.85	1.24
7/3/2010 5:15	19.635899	0.84	1.23
7/3/2010 5:30	19.639151	0.84	1.23
7/3/2010 5:45	19.634634	0.85	1.24
7/3/2010 6:00	19.632565	0.85	1.25
7/3/2010 6:15	19.627707	0.85	1.25
7/3/2010 6:30	19.627413	0.85	1.25
7/3/2010 6:45	19.628353	0.85	1.25
7/3/2010 7:00	19.626617	0.85	1.25
7/3/2010 7:15	19.632675	0.85	1.26
7/3/2010 7:30	19.626083	0.85	1.26
7/3/2010 7:45	19.615826	0.86	1.27
7/3/2010 8:00	19.602816	0.88	1.29
7/3/2010 8:15	19.586874	0.89	1.31
7/3/2010 8:30	19.571707	0.91	1.33
7/3/2010 8:45	19.56048	0.92	1.33
7/3/2010 9:00	19.552359	0.93	1.34
7/3/2010 9:15	19.543575	0.94	1.35
7/3/2010 9:30	19.534498	0.95	1.35
7/3/2010 9:45	19.517673	0.96	1.35
7/3/2010 10:00	19.501886	0.98	1.37
7/3/2010 10:15	19.483263	1.00	1.39
7/3/2010 10:30	19.469233	1.01	1.40
7/3/2010 10:45	19.453451	1.03	1.42
7/3/2010 11:00	19.446474	1.03	1.41
7/3/2010 11:15	19.443008	1.04	1.42
7/3/2010 11:30	19.434778	1.05	1.42
7/3/2010 11:45	19.42691	1.05	1.42
7/3/2010 12:00	19.420668	1.06	1.42
7/3/2010 12:15	19.40715	1.07	1.44
7/3/2010 12:30	19.405018	1.07	1.42
7/3/2010 12:45	19.404648	1.08	1.43
7/3/2010 13:00	19.413891	1.07	1.41
7/3/2010 13:15	19.418903	1.06	1.40
7/3/2010 13:30	19.422983	1.06	1.40
7/3/2010 13:45	19.433107	1.05	1.39
7/3/2010 14:00	19.438786	1.04	1.38
7/3/2010 14:15	19.444658	1.04	1.36

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/2/2010 19:30	20.330385	0.11	0.45
7/2/2010 19:45	20.309235	0.13	0.46
7/2/2010 20:00	20.279041	0.16	0.50
7/2/2010 20:15	20.253057	0.19	0.52
7/2/2010 20:30	20.227434	0.21	0.55
7/2/2010 20:45	20.19099	0.25	0.59
7/2/2010 21:00	20.158945	0.28	0.62
7/2/2010 21:15	20.119848	0.32	0.66
7/2/2010 21:30	20.081705	0.36	0.70
7/2/2010 21:45	20.03949	0.40	0.75
7/2/2010 22:00	20.001207	0.44	0.79
7/2/2010 22:15	19.964041	0.48	0.83
7/2/2010 22:30	19.923923	0.52	0.86
7/2/2010 22:45	19.884626	0.56	0.91
7/2/2010 23:00	19.852221	0.59	0.94
7/2/2010 23:15	19.823099	0.62	0.95
7/2/2010 23:30	19.789457	0.65	1.00
7/2/2010 23:45	19.758118	0.68	1.03
7/3/2010 0:00	19.730362	0.71	1.06
7/3/2010 0:15	19.705957	0.73	1.07
7/3/2010 0:30	19.693354	0.75	1.10
7/3/2010 0:45	19.680298	0.76	1.11
7/3/2010 1:00	19.668453	0.77	1.12
7/3/2010 1:15	19.655657	0.78	1.13
7/3/2010 1:30	19.651701	0.79	1.14
7/3/2010 1:45	19.652033	0.79	1.14
7/3/2010 2:00	19.65447	0.79	1.14
7/3/2010 2:15	19.662968	0.78	1.13
7/3/2010 2:30	19.673101	0.77	1.12
7/3/2010 2:45	19.679369	0.76	1.11
7/3/2010 3:00	19.683474	0.76	1.11
7/3/2010 3:15	19.690182	0.75	1.10
7/3/2010 3:30	19.700687	0.74	1.09
7/3/2010 3:45	19.707945	0.73	1.08
7/3/2010 4:00	19.721003	0.72	1.07
7/3/2010 4:15	19.732885	0.71	1.06
7/3/2010 4:30	19.742781	0.70	1.05
7/3/2010 4:45	19.759665	0.68	1.03
7/3/2010 5:00	19.767319	0.67	1.02
7/3/2010 5:15	19.772356	0.67	1.02
7/3/2010 5:30	19.772364	0.67	1.03
7/3/2010 5:45	19.765594	0.67	1.03
7/3/2010 6:00	19.759342	0.68	1.05
7/3/2010 6:15	19.747517	0.69	1.06
7/3/2010 6:30	19.745913	0.69	1.06
7/3/2010 6:45	19.750824	0.69	1.06
7/3/2010 7:00	19.749353	0.69	1.06
7/3/2010 7:15	19.752193	0.69	1.07
7/3/2010 7:30	19.740717	0.70	1.08
7/3/2010 7:45	19.715099	0.72	1.10
7/3/2010 8:00	19.690388	0.75	1.13
7/3/2010 8:15	19.666706	0.77	1.16
7/3/2010 8:30	19.645416	0.79	1.18
7/3/2010 8:45	19.633926	0.81	1.19
7/3/2010 9:00	19.626188	0.81	1.19
7/3/2010 9:15	19.614622	0.83	1.21
7/3/2010 9:30	19.595987	0.84	1.21
7/3/2010 9:45	19.576792	0.86	1.22
7/3/2010 10:00	19.54656	0.89	1.25
7/3/2010 10:15	19.521624	0.92	1.27
7/3/2010 10:30	19.504187	0.94	1.29
7/3/2010 10:45	19.488344	0.95	1.30
7/3/2010 11:00	19.478168	0.96	1.31
7/3/2010 11:15	19.473585	0.97	1.32
7/3/2010 11:30	19.464725	0.98	1.32
7/3/2010 11:45	19.461443	0.98	1.32
7/3/2010 12:00	19.450518	0.99	1.32
7/3/2010 12:15	19.447662	0.99	1.33
7/3/2010 12:30	19.449347	0.99	1.31

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/3/2010 12:45:00	19.77454	0.75	1.19
7/3/2010 13:00:00	19.771723	0.75	1.18
7/3/2010 13:15:00	19.765659	0.75	1.19
7/3/2010 13:30:00	19.76145	0.76	1.18
7/3/2010 13:45:00	19.760166	0.76	1.19
7/3/2010 14:00:00	19.755432	0.76	1.19
7/3/2010 14:15:00	19.752794	0.77	1.17
7/3/2010 14:30:00	19.750534	0.77	1.17
7/3/2010 14:45:00	19.750925	0.77	1.17
7/3/2010 15:00:00	19.748178	0.77	1.17
7/3/2010 15:15:00	19.750484	0.77	1.15
7/3/2010 15:30:00	19.749357	0.77	1.15
7/3/2010 15:45:00	19.747753	0.77	1.15
7/3/2010 16:00:00	19.750452	0.77	1.13
7/3/2010 16:15:00	19.749298	0.77	1.14
7/3/2010 16:30:00	19.753675	0.77	1.14
7/3/2010 16:45:00	19.759089	0.76	1.12
7/3/2010 17:00:00	19.760929	0.76	1.11
7/3/2010 17:15:00	19.765858	0.75	1.10
7/3/2010 17:30:00	19.770903	0.75	1.10
7/3/2010 17:45:00	19.776855	0.74	1.09
7/3/2010 18:00:00	19.782774	0.74	1.08
7/3/2010 18:15:00	19.790331	0.73	1.07
7/3/2010 18:30:00	19.802441	0.72	1.06
7/3/2010 18:45:00	19.809591	0.71	1.06
7/3/2010 19:00:00	19.816023	0.70	1.05
7/3/2010 19:15:00	19.821215	0.70	1.04
7/3/2010 19:30:00	19.827183	0.69	1.03
7/3/2010 19:45:00	19.836241	0.68	1.02
7/3/2010 20:00:00	19.845081	0.67	1.01
7/3/2010 20:15:00	19.851955	0.67	1.01
7/3/2010 20:30:00	19.856607	0.66	1.00
7/3/2010 20:45:00	19.861792	0.66	1.00
7/3/2010 21:00:00	19.866331	0.65	0.99
7/3/2010 21:15:00	19.873653	0.65	0.99
7/3/2010 21:30:00	19.876482	0.64	0.98
7/3/2010 21:45:00	19.875669	0.64	0.99
7/3/2010 22:00:00	19.877783	0.64	0.99
7/3/2010 22:15:00	19.8771	0.64	0.99
7/3/2010 22:30:00	19.873734	0.65	1.00
7/3/2010 22:45:00	19.866673	0.65	1.00
7/3/2010 23:00:00	19.860445	0.66	1.00
7/3/2010 23:15:00	19.858397	0.66	1.01
7/3/2010 23:30:00	19.850246	0.67	1.02
7/3/2010 23:45:00	19.84174	0.68	1.03
7/4/2010 0:00:00	19.836288	0.68	1.04
7/4/2010 0:15:00	19.825794	0.69	1.05
7/4/2010 0:30:00	19.81752	0.70	1.06
7/4/2010 0:45:00	19.806654	0.71	1.07
7/4/2010 1:00:00	19.797709	0.72	1.08
7/4/2010 1:15:00	19.785181	0.73	1.08
7/4/2010 1:30:00	19.778446	0.74	1.09
7/4/2010 1:45:00	19.770639	0.75	1.10
7/4/2010 2:00:00	19.762651	0.76	1.11
7/4/2010 2:15:00	19.758863	0.76	1.11
7/4/2010 2:30:00	19.749674	0.77	1.12
7/4/2010 2:45:00	19.744352	0.78	1.13
7/4/2010 3:00:00	19.738613	0.78	1.12
7/4/2010 3:15:00	19.733393	0.79	1.13
7/4/2010 3:30:00	19.733921	0.79	1.13
7/4/2010 3:45:00	19.727617	0.79	1.13
7/4/2010 4:00:00	19.724476	0.80	1.13
7/4/2010 4:15:00	19.720867	0.80	1.14
7/4/2010 4:30:00	19.719534	0.80	1.14
7/4/2010 4:45:00	19.720167	0.80	1.14
7/4/2010 5:00:00	19.719629	0.80	1.14
7/4/2010 5:15:00	19.718979	0.80	1.15
7/4/2010 5:30:00	19.719143	0.80	1.15
7/4/2010 5:45:00	19.718184	0.80	1.15

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/3/2010 14:30	19.457113	1.02	1.34
7/3/2010 14:45	19.469652	1.01	1.33
7/3/2010 15:00	19.488771	0.99	1.31
7/3/2010 15:15	19.506443	0.97	1.27
7/3/2010 15:30	19.519209	0.96	1.26
7/3/2010 15:45	19.531614	0.95	1.25
7/3/2010 16:00	19.545988	0.93	1.22
7/3/2010 16:15	19.56008	0.92	1.22
7/3/2010 16:30	19.577581	0.90	1.20
7/3/2010 16:45	19.594524	0.89	1.18
7/3/2010 17:00	19.613766	0.87	1.15
7/3/2010 17:15	19.632551	0.85	1.13
7/3/2010 17:30	19.649151	0.83	1.11
7/3/2010 17:45	19.664715	0.82	1.10
7/3/2010 18:00	19.683613	0.80	1.07
7/3/2010 18:15	19.696865	0.78	1.05
7/3/2010 18:30	19.718998	0.76	1.03
7/3/2010 18:45	19.735458	0.74	1.02
7/3/2010 19:00	19.74534	0.73	1.01
7/3/2010 19:15	19.756884	0.72	0.99
7/3/2010 19:30	19.765514	0.71	0.98
7/3/2010 19:45	19.768122	0.71	0.98
7/3/2010 20:00	19.770929	0.71	0.98
7/3/2010 20:15	19.76792	0.71	0.98
7/3/2010 20:30	19.763851	0.72	0.99
7/3/2010 20:45	19.756638	0.72	0.99
7/3/2010 21:00	19.748411	0.73	1.00
7/3/2010 21:15	19.736954	0.74	1.01
7/3/2010 21:30	19.723734	0.76	1.03
7/3/2010 21:45	19.704416	0.78	1.06
7/3/2010 22:00	19.685518	0.79	1.07
7/3/2010 22:15	19.663868	0.82	1.10
7/3/2010 22:30	19.637054	0.84	1.12
7/3/2010 22:45	19.612108	0.87	1.15
7/3/2010 23:00	19.590057	0.89	1.16
7/3/2010 23:15	19.566513	0.91	1.19
7/3/2010 23:30	19.540493	0.94	1.22
7/3/2010 23:45	19.517897	0.96	1.24
7/4/2010 0:00	19.501297	0.98	1.27
7/4/2010 0:15	19.488079	0.99	1.28
7/4/2010 0:30	19.471037	1.01	1.30
7/4/2010 0:45	19.456509	1.02	1.31
7/4/2010 1:00	19.444397	1.04	1.33
7/4/2010 1:15	19.428864	1.05	1.33
7/4/2010 1:30	19.419291	1.06	1.34
7/4/2010 1:45	19.411489	1.07	1.35
7/4/2010 2:00	19.403933	1.08	1.36
7/4/2010 2:15	19.400362	1.08	1.36
7/4/2010 2:30	19.403131	1.08	1.36
7/4/2010 2:45	19.406967	1.07	1.35
7/4/2010 3:00	19.407721	1.07	1.34
7/4/2010 3:15	19.406954	1.07	1.34
7/4/2010 3:30	19.412609	1.07	1.34
7/4/2010 3:45	19.414526	1.07	1.34
7/4/2010 4:00	19.423655	1.06	1.33
7/4/2010 4:15	19.44071	1.04	1.31
7/4/2010 4:30	19.445047	1.03	1.30
7/4/2010 4:45	19.450758	1.03	1.30
7/4/2010 5:00	19.458334	1.02	1.29
7/4/2010 5:15	19.459826	1.02	1.30
7/4/2010 5:30	19.46814	1.01	1.29
7/4/2010 5:45	19.479156	1.00	1.28
7/4/2010 6:00	19.486296	0.99	1.27
7/4/2010 6:15	19.495743	0.98	1.26
7/4/2010 6:30	19.49938	0.98	1.25
7/4/2010 6:45	19.507349	0.97	1.25
7/4/2010 7:00	19.514109	0.97	1.25
7/4/2010 7:15	19.518509	0.96	1.24
7/4/2010 7:30	19.522617	0.96	1.25

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/3/2010 12:45	19.458818	0.98	1.30
7/3/2010 13:00	19.482279	0.96	1.28
7/3/2010 13:15	19.498562	0.94	1.26
7/3/2010 13:30	19.512281	0.93	1.24
7/3/2010 13:45	19.5313	0.91	1.23
7/3/2010 14:00	19.546762	0.89	1.20
7/3/2010 14:15	19.561529	0.88	1.17
7/3/2010 14:30	19.58691	0.85	1.14
7/3/2010 14:45	19.609041	0.83	1.12
7/3/2010 15:00	19.639658	0.80	1.09
7/3/2010 15:15	19.670252	0.77	1.05
7/3/2010 15:30	19.691433	0.75	1.03
7/3/2010 15:45	19.711535	0.73	1.01
7/3/2010 16:00	19.738247	0.70	0.96
7/3/2010 16:15	19.767246	0.67	0.94
7/3/2010 16:30	19.798964	0.64	0.91
7/3/2010 16:45	19.829607	0.61	0.87
7/3/2010 17:00	19.857677	0.58	0.83
7/3/2010 17:15	19.882572	0.56	0.81
7/3/2010 17:30	19.901672	0.54	0.79
7/3/2010 17:45	19.927921	0.51	0.76
7/3/2010 18:00	19.959772	0.48	0.73
7/3/2010 18:15	19.979734	0.46	0.71
7/3/2010 18:30	20.005507	0.43	0.68
7/3/2010 18:45	20.031244	0.41	0.66
7/3/2010 19:00	20.038849	0.40	0.65
7/3/2010 19:15	20.049362	0.39	0.64
7/3/2010 19:30	20.061646	0.38	0.63
7/3/2010 19:45	20.053665	0.39	0.64
7/3/2010 20:00	20.045383	0.39	0.64
7/3/2010 20:15	20.037642	0.40	0.65
7/3/2010 20:30	20.019617	0.42	0.67
7/3/2010 20:45	20.001719	0.44	0.69
7/3/2010 21:00	19.980282	0.46	0.71
7/3/2010 21:15	19.951969	0.49	0.74
7/3/2010 21:30	19.925354	0.51	0.76
7/3/2010 21:45	19.888899	0.55	0.80
7/3/2010 22:00	19.849911	0.59	0.84
7/3/2010 22:15	19.804304	0.64	0.89
7/3/2010 22:30	19.758486	0.68	0.93
7/3/2010 22:45	19.720961	0.72	0.97
7/3/2010 23:00	19.684294	0.76	1.01
7/3/2010 23:15	19.652988	0.79	1.04
7/3/2010 23:30	19.619799	0.82	1.07
7/3/2010 23:45	19.586609	0.85	1.10
7/4/2010 0:00	19.560492	0.88	1.14
7/4/2010 0:15	19.535355	0.90	1.16
7/4/2010 0:30	19.513355	0.93	1.19
7/4/2010 0:45	19.501556	0.94	1.20
7/4/2010 1:00	19.488474	0.95	1.21
7/4/2010 1:15	19.479462	0.96	1.21
7/4/2010 1:30	19.471651	0.97	1.22
7/4/2010 1:45	19.464184	0.98	1.23
7/4/2010 2:00	19.456091	0.98	1.23
7/4/2010 2:15	19.458055	0.98	1.23
7/4/2010 2:30	19.475031	0.96	1.21
7/4/2010 2:45	19.485792	0.95	1.20
7/4/2010 3:00	19.492847	0.95	1.20
7/4/2010 3:15	19.495632	0.94	1.19
7/4/2010 3:30	19.503122	0.94	1.19
7/4/2010 3:45	19.515182	0.92	1.17
7/4/2010 4:00	19.536222	0.90	1.15
7/4/2010 4:15	19.557966	0.88	1.13
7/4/2010 4:30	19.565256	0.87	1.12
7/4/2010 4:45	19.575735	0.86	1.11
7/4/2010 5:00	19.589972	0.85	1.10
7/4/2010 5:15	19.59926	0.84	1.09
7/4/2010 5:30	19.615505	0.82	1.07
7/4/2010 5:45	19.628275	0.81	1.06

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/4/2010 6:00:00	19.714556	0.81	1.16
7/4/2010 6:15:00	19.715937	0.80	1.15
7/4/2010 6:30:00	19.715611	0.80	1.14
7/4/2010 6:45:00	19.717106	0.80	1.15
7/4/2010 7:00:00	19.719273	0.80	1.15
7/4/2010 7:15:00	19.718405	0.80	1.15
7/4/2010 7:30:00	19.720638	0.80	1.16
7/4/2010 7:45:00	19.719515	0.80	1.15
7/4/2010 8:00:00	19.721029	0.80	1.15
7/4/2010 8:15:00	19.719385	0.80	1.14
7/4/2010 8:30:00	19.72209	0.80	1.15
7/4/2010 8:45:00	19.719091	0.80	1.15
7/4/2010 9:00:00	19.718054	0.80	1.15
7/4/2010 9:15:00	19.71335	0.81	1.14
7/4/2010 9:30:00	19.71439	0.81	1.13
7/4/2010 9:45:00	19.711317	0.81	1.13
7/4/2010 10:00:00	19.713322	0.81	1.12
7/4/2010 10:15:00	19.708212	0.81	1.13
7/4/2010 10:30:00	19.71036	0.81	1.13
7/4/2010 10:45:00	19.709463	0.81	1.13
7/4/2010 11:00:00	19.709806	0.81	1.14
7/4/2010 11:15:00	19.703836	0.82	1.13
7/4/2010 11:30:00	19.698792	0.82	1.14
7/4/2010 11:45:00	19.696091	0.82	1.14
7/4/2010 12:00:00	19.688776	0.83	1.14
7/4/2010 12:15:00	19.68791	0.83	1.14
7/4/2010 12:30:00	19.687078	0.83	1.13
7/4/2010 12:45:00	19.684088	0.84	1.12
7/4/2010 13:00:00	19.680918	0.84	1.14
7/4/2010 13:15:00	19.681601	0.84	1.14
7/4/2010 13:30:00	19.679827	0.84	1.13
7/4/2010 13:45:00	19.675694	0.84	1.13
7/4/2010 14:00:00	19.673647	0.85	1.12
7/4/2010 14:15:00	19.673578	0.85	1.12
7/4/2010 14:30:00	19.672338	0.85	1.12
7/4/2010 14:45:00	19.666409	0.85	1.12
7/4/2010 15:00:00	19.672115	0.85	1.10
7/4/2010 15:15:00	19.674665	0.85	1.10
7/4/2010 15:30:00	19.67544	0.84	1.09
7/4/2010 15:45:00	19.677549	0.84	1.09
7/4/2010 16:00:00	19.68277	0.84	1.08
7/4/2010 16:15:00	19.684935	0.84	1.07
7/4/2010 16:30:00	19.688398	0.83	1.06
7/4/2010 16:45:00	19.693523	0.83	1.05
7/4/2010 17:00:00	19.697538	0.82	1.05
7/4/2010 17:15:00	19.704357	0.82	1.03
7/4/2010 17:30:00	19.71545	0.80	1.02
7/4/2010 17:45:00	19.720995	0.80	1.01
7/4/2010 18:00:00	19.727732	0.79	1.00
7/4/2010 18:15:00	19.735439	0.78	0.99
7/4/2010 18:30:00	19.748289	0.77	0.97
7/4/2010 18:45:00	19.756359	0.76	0.97
7/4/2010 19:00:00	19.765629	0.75	0.96
7/4/2010 19:15:00	19.772526	0.75	0.95
7/4/2010 19:30:00	19.783182	0.74	0.95
7/4/2010 19:45:00	19.793882	0.73	0.93
7/4/2010 20:00:00	19.797626	0.72	0.93
7/4/2010 20:15:00	19.80691	0.71	0.91
7/4/2010 20:30:00	19.81352	0.71	0.91
7/4/2010 20:45:00	19.826155	0.69	0.91
7/4/2010 21:00:00	19.832226	0.69	0.91
7/4/2010 21:15:00	19.835138	0.68	0.91
7/4/2010 21:30:00	19.841251	0.68	0.90
7/4/2010 21:45:00	19.846439	0.67	0.91
7/4/2010 22:00:00	19.850277	0.67	0.90
7/4/2010 22:15:00	19.852604	0.67	0.90
7/4/2010 22:30:00	19.852915	0.67	0.91
7/4/2010 22:45:00	19.853855	0.67	0.91
7/4/2010 23:00:00	19.855175	0.66	0.92

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/4/2010 7:45	19.525286	0.95	1.23
7/4/2010 8:00	19.524883	0.96	1.24
7/4/2010 8:15	19.524298	0.96	1.23
7/4/2010 8:30	19.520916	0.96	1.24
7/4/2010 8:45	19.51825	0.96	1.24
7/4/2010 9:00	19.513699	0.97	1.25
7/4/2010 9:15	19.502405	0.98	1.24
7/4/2010 9:30	19.496035	0.98	1.24
7/4/2010 9:45	19.493677	0.99	1.24
7/4/2010 10:00	19.485178	0.99	1.24
7/4/2010 10:15	19.479963	1.00	1.25
7/4/2010 10:30	19.471842	1.01	1.26
7/4/2010 10:45	19.465519	1.01	1.26
7/4/2010 11:00	19.456644	1.02	1.28
7/4/2010 11:15	19.443283	1.04	1.29
7/4/2010 11:30	19.434317	1.05	1.30
7/4/2010 11:45	19.425762	1.05	1.30
7/4/2010 12:00	19.416752	1.06	1.31
7/4/2010 12:15	19.417572	1.06	1.31
7/4/2010 12:30	19.414612	1.07	1.31
7/4/2010 12:45	19.412558	1.07	1.30
7/4/2010 13:00	19.412182	1.07	1.31
7/4/2010 13:15	19.408146	1.07	1.31
7/4/2010 13:30	19.411926	1.07	1.30
7/4/2010 13:45	19.409952	1.07	1.30
7/4/2010 14:00	19.415724	1.06	1.28
7/4/2010 14:15	19.42831	1.05	1.27
7/4/2010 14:30	19.444864	1.04	1.26
7/4/2010 14:45	19.453306	1.03	1.24
7/4/2010 15:00	19.463612	1.02	1.23
7/4/2010 15:15	19.477659	1.00	1.21
7/4/2010 15:30	19.492783	0.99	1.19
7/4/2010 15:45	19.505026	0.97	1.17
7/4/2010 16:00	19.528257	0.95	1.15
7/4/2010 16:15	19.542418	0.94	1.13
7/4/2010 16:30	19.560476	0.92	1.11
7/4/2010 16:45	19.577131	0.90	1.08
7/4/2010 17:00	19.592419	0.89	1.07
7/4/2010 17:15	19.608601	0.87	1.04
7/4/2010 17:30	19.626331	0.85	1.02
7/4/2010 17:45	19.646057	0.83	1.00
7/4/2010 18:00	19.661926	0.82	0.99
7/4/2010 18:15	19.680191	0.80	0.96
7/4/2010 18:30	19.697094	0.78	0.94
7/4/2010 18:45	19.708422	0.77	0.93
7/4/2010 19:00	19.723553	0.76	0.92
7/4/2010 19:15	19.733429	0.75	0.91
7/4/2010 19:30	19.746405	0.73	0.90
7/4/2010 19:45	19.758856	0.72	0.88
7/4/2010 20:00	19.767502	0.71	0.88
7/4/2010 20:15	19.768017	0.71	0.87
7/4/2010 20:30	19.767904	0.71	0.87
7/4/2010 20:45	19.763577	0.72	0.89
7/4/2010 21:00	19.75561	0.72	0.90
7/4/2010 21:15	19.743757	0.74	0.92
7/4/2010 21:30	19.734209	0.75	0.93
7/4/2010 21:45	19.727758	0.75	0.94
7/4/2010 22:00	19.715816	0.76	0.95
7/4/2010 22:15	19.700235	0.78	0.97
7/4/2010 22:30	19.680944	0.80	1.00
7/4/2010 22:45	19.658855	0.82	1.02
7/4/2010 23:00	19.633663	0.85	1.06
7/4/2010 23:15	19.610022	0.87	1.08
7/4/2010 23:30	19.585436	0.89	1.10
7/4/2010 23:45	19.562002	0.92	1.13
7/5/2010 0:00	19.541159	0.94	1.14
7/5/2010 0:15	19.520187	0.96	1.17
7/5/2010 0:30	19.497011	0.98	1.19
7/5/2010 0:45	19.468489	1.01	1.22

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/4/2010 6:00	19.642563	0.80	1.05
7/4/2010 6:15	19.658079	0.78	1.03
7/4/2010 6:30	19.664217	0.78	1.03
7/4/2010 6:45	19.678158	0.76	1.01
7/4/2010 7:00	19.688208	0.75	1.00
7/4/2010 7:15	19.690079	0.75	1.00
7/4/2010 7:30	19.69993	0.74	1.00
7/4/2010 7:45	19.698832	0.74	0.99
7/4/2010 8:00	19.690905	0.75	1.00
7/4/2010 8:15	19.683132	0.76	1.01
7/4/2010 8:30	19.673756	0.77	1.02
7/4/2010 8:45	19.670776	0.77	1.02
7/4/2010 9:00	19.662155	0.78	1.03
7/4/2010 9:15	19.649908	0.79	1.03
7/4/2010 9:30	19.645489	0.79	1.03
7/4/2010 9:45	19.637386	0.80	1.03
7/4/2010 10:00	19.623312	0.82	1.05
7/4/2010 10:15	19.618753	0.82	1.05
7/4/2010 10:30	19.599453	0.84	1.07
7/4/2010 10:45	19.58485	0.86	1.09
7/4/2010 11:00	19.569674	0.87	1.11
7/4/2010 11:15	19.547792	0.89	1.12
7/4/2010 11:30	19.539749	0.90	1.13
7/4/2010 11:45	19.526037	0.91	1.14
7/4/2010 12:00	19.519041	0.92	1.14
7/4/2010 12:15	19.521296	0.92	1.14
7/4/2010 12:30	19.513269	0.93	1.15
7/4/2010 12:45	19.512882	0.93	1.14
7/4/2010 13:00	19.516479	0.92	1.14
7/4/2010 13:15	19.520004	0.92	1.14
7/4/2010 13:30	19.527029	0.91	1.12
7/4/2010 13:45	19.532131	0.91	1.12
7/4/2010 14:00	19.540312	0.90	1.10
7/4/2010 14:15	19.562412	0.88	1.08
7/4/2010 14:30	19.591341	0.85	1.05
7/4/2010 14:45	19.611525	0.83	1.02
7/4/2010 15:00	19.637915	0.80	0.98
7/4/2010 15:15	19.660494	0.78	0.96
7/4/2010 15:30	19.685658	0.75	0.93
7/4/2010 15:45	19.71081	0.73	0.91
7/4/2010 16:00	19.740391	0.70	0.88
7/4/2010 16:15	19.766087	0.67	0.84
7/4/2010 16:30	19.791639	0.65	0.82
7/4/2010 16:45	19.818655	0.62	0.78
7/4/2010 17:00	19.843546	0.60	0.76
7/4/2010 17:15	19.872698	0.57	0.72
7/4/2010 17:30	19.896315	0.54	0.69
7/4/2010 17:45	19.922567	0.52	0.67
7/4/2010 18:00	19.947382	0.49	0.64
7/4/2010 18:15	19.973646	0.47	0.62
7/4/2010 18:30	19.99724	0.44	0.59
7/4/2010 18:45	20.012135	0.43	0.58
7/4/2010 19:00	20.023514	0.42	0.57
7/4/2010 19:15	20.037966	0.40	0.55
7/4/2010 19:30	20.05492	0.39	0.54
7/4/2010 19:45	20.069025	0.37	0.52
7/4/2010 20:00	20.069929	0.37	0.52
7/4/2010 20:15	20.058821	0.38	0.53
7/4/2010 20:30	20.049559	0.39	0.54
7/4/2010 20:45	20.034925	0.41	0.56
7/4/2010 21:00	20.009043	0.43	0.59
7/4/2010 21:15	19.980976	0.46	0.62
7/4/2010 21:30	19.962585	0.48	0.64
7/4/2010 21:45	19.945127	0.49	0.66
7/4/2010 22:00	19.918627	0.52	0.69
7/4/2010 22:15	19.891592	0.55	0.72
7/4/2010 22:30	19.856228	0.58	0.76
7/4/2010 22:45	19.812511	0.63	0.81
7/4/2010 23:00	19.77034	0.67	0.85

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/4/2010 23:15:00	19.847576	0.67	0.93
7/4/2010 23:30:00	19.841446	0.68	0.93
7/4/2010 23:45:00	19.834549	0.69	0.94
7/5/2010 0:00:00	19.827881	0.69	0.94
7/5/2010 0:15:00	19.824709	0.70	0.95
7/5/2010 0:30:00	19.816999	0.70	0.96
7/5/2010 0:45:00	19.807497	0.71	0.98
7/5/2010 1:00:00	19.792877	0.73	0.99
7/5/2010 1:15:00	19.781672	0.74	0.99
7/5/2010 1:30:00	19.768951	0.75	1.01
7/5/2010 1:45:00	19.760834	0.76	1.01
7/5/2010 2:00:00	19.749899	0.77	1.02
7/5/2010 2:15:00	19.740614	0.78	1.02
7/5/2010 2:30:00	19.72929	0.79	1.03
7/5/2010 2:45:00	19.721403	0.80	1.04
7/5/2010 3:00:00	19.715643	0.80	1.05
7/5/2010 3:15:00	19.70332	0.82	1.06
7/5/2010 3:30:00	19.696547	0.82	1.07
7/5/2010 3:45:00	19.688448	0.83	1.06
7/5/2010 4:00:00	19.682901	0.84	1.08
7/5/2010 4:15:00	19.67758	0.84	1.09
7/5/2010 4:30:00	19.674963	0.85	1.09
7/5/2010 4:45:00	19.670668	0.85	1.09
7/5/2010 5:00:00	19.668442	0.85	1.10
7/5/2010 5:15:00	19.663921	0.86	1.11
7/5/2010 5:30:00	19.663219	0.86	1.10
7/5/2010 5:45:00	19.659105	0.86	1.12
7/5/2010 6:00:00	19.662098	0.86	1.11
7/5/2010 6:15:00	19.662815	0.86	1.12
7/5/2010 6:30:00	19.66231	0.86	1.12
7/5/2010 6:45:00	19.66564	0.85	1.13
7/5/2010 7:00:00	19.662426	0.86	1.12
7/5/2010 7:15:00	19.663849	0.86	1.13
7/5/2010 7:30:00	19.664829	0.86	1.13
7/5/2010 7:45:00	19.668964	0.85	1.14
7/5/2010 8:00:00	19.67062	0.85	1.13
7/5/2010 8:15:00	19.674343	0.85	1.12
7/5/2010 8:30:00	19.677824	0.84	1.13
7/5/2010 8:45:00	19.679535	0.84	1.13
7/5/2010 9:00:00	19.682301	0.84	1.12
7/5/2010 9:15:00	19.685896	0.83	1.12
7/5/2010 9:30:00	19.685408	0.83	1.12
7/5/2010 9:45:00	19.692478	0.83	1.10
7/5/2010 10:00:00	19.695414	0.82	1.10
7/5/2010 10:15:00	19.699003	0.82	1.11
7/5/2010 10:30:00	19.701492	0.82	1.10
7/5/2010 10:45:00	19.703901	0.82	1.09
7/5/2010 11:00:00	19.705233	0.81	1.10
7/5/2010 11:15:00	19.707764	0.81	1.09
7/5/2010 11:30:00	19.712004	0.81	1.07
7/5/2010 11:45:00	19.712763	0.81	1.08
7/5/2010 12:00:00	19.713205	0.81	1.08
7/5/2010 12:15:00	19.712086	0.81	1.07
7/5/2010 12:30:00	19.715807	0.80	1.07
7/5/2010 12:45:00	19.715349	0.80	1.06
7/5/2010 13:00:00	19.714199	0.81	1.06
7/5/2010 13:15:00	19.714136	0.81	1.05
7/5/2010 13:30:00	19.715727	0.80	1.05
7/5/2010 13:45:00	19.719645	0.80	1.04
7/5/2010 14:00:00	19.719273	0.80	1.04
7/5/2010 14:15:00	19.723774	0.80	1.03
7/5/2010 14:30:00	19.724705	0.80	1.03
7/5/2010 14:45:00	19.72752	0.79	1.03
7/5/2010 15:00:00	19.731243	0.79	1.02
7/5/2010 15:15:00	19.733358	0.79	1.02
7/5/2010 15:30:00	19.73801	0.78	1.00
7/5/2010 15:45:00	19.741001	0.78	1.00
7/5/2010 16:00:00	19.747314	0.77	0.98
7/5/2010 16:15:00	19.754944	0.77	0.99

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/5/2010 1:00	19.444492	1.04	1.25
7/5/2010 1:15	19.428556	1.05	1.26
7/5/2010 1:30	19.411041	1.07	1.28
7/5/2010 1:45	19.397449	1.08	1.29
7/5/2010 2:00	19.381083	1.10	1.31
7/5/2010 2:15	19.361004	1.12	1.32
7/5/2010 2:30	19.351076	1.13	1.33
7/5/2010 2:45	19.342882	1.14	1.34
7/5/2010 3:00	19.343201	1.14	1.34
7/5/2010 3:15	19.337778	1.14	1.34
7/5/2010 3:30	19.3354	1.14	1.34
7/5/2010 3:45	19.337191	1.14	1.33
7/5/2010 4:00	19.334833	1.15	1.35
7/5/2010 4:15	19.337984	1.14	1.34
7/5/2010 4:30	19.349867	1.13	1.33
7/5/2010 4:45	19.358379	1.12	1.32
7/5/2010 5:00	19.371983	1.11	1.31
7/5/2010 5:15	19.385939	1.09	1.30
7/5/2010 5:30	19.393696	1.09	1.29
7/5/2010 5:45	19.4013	1.08	1.29
7/5/2010 6:00	19.414063	1.07	1.28
7/5/2010 6:15	19.425907	1.05	1.26
7/5/2010 6:30	19.433319	1.05	1.26
7/5/2010 6:45	19.450235	1.03	1.25
7/5/2010 7:00	19.460018	1.02	1.23
7/5/2010 7:15	19.473425	1.01	1.23
7/5/2010 7:30	19.482513	1.00	1.22
7/5/2010 7:45	19.494602	0.99	1.22
7/5/2010 8:00	19.506413	0.97	1.19
7/5/2010 8:15	19.517567	0.96	1.18
7/5/2010 8:30	19.530277	0.95	1.18
7/5/2010 8:45	19.533663	0.95	1.18
7/5/2010 9:00	19.541958	0.94	1.17
7/5/2010 9:15	19.548876	0.93	1.16
7/5/2010 9:30	19.55312	0.93	1.16
7/5/2010 9:45	19.556484	0.92	1.14
7/5/2010 10:00	19.55785	0.92	1.14
7/5/2010 10:15	19.558544	0.92	1.15
7/5/2010 10:30	19.557127	0.92	1.15
7/5/2010 10:45	19.556782	0.92	1.14
7/5/2010 11:00	19.554197	0.93	1.16
7/5/2010 11:15	19.553738	0.93	1.15
7/5/2010 11:30	19.555195	0.92	1.13
7/5/2010 11:45	19.549875	0.93	1.15
7/5/2010 12:00	19.546078	0.93	1.15
7/5/2010 12:15	19.546581	0.93	1.14
7/5/2010 12:30	19.542706	0.94	1.15
7/5/2010 12:45	19.534929	0.95	1.16
7/5/2010 13:00	19.536198	0.94	1.15
7/5/2010 13:15	19.537125	0.94	1.14
7/5/2010 13:30	19.538858	0.94	1.14
7/5/2010 13:45	19.542179	0.94	1.14
7/5/2010 14:00	19.545095	0.93	1.13
7/5/2010 14:15	19.545666	0.93	1.12
7/5/2010 14:30	19.554195	0.93	1.12
7/5/2010 14:45	19.56547	0.91	1.10
7/5/2010 15:00	19.581223	0.90	1.09
7/5/2010 15:15	19.595297	0.88	1.07
7/5/2010 15:30	19.612961	0.87	1.05
7/5/2010 15:45	19.626364	0.85	1.03
7/5/2010 16:00	19.639791	0.84	1.01
7/5/2010 16:15	19.656551	0.82	1.00
7/5/2010 16:30	19.674063	0.81	0.98
7/5/2010 16:45	19.692087	0.79	0.96
7/5/2010 17:00	19.713148	0.77	0.94
7/5/2010 17:15	19.732075	0.75	0.92
7/5/2010 17:30	19.747803	0.73	0.90
7/5/2010 17:45	19.765059	0.71	0.88
7/5/2010 18:00	19.785051	0.69	0.85

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/4/2010 23:15	19.726797	0.71	0.89
7/4/2010 23:30	19.687191	0.75	0.93
7/4/2010 23:45	19.655659	0.78	0.96
7/5/2010 0:00	19.626236	0.81	0.99
7/5/2010 0:15	19.595221	0.84	1.02
7/5/2010 0:30	19.555695	0.88	1.06
7/5/2010 0:45	19.512896	0.93	1.12
7/5/2010 1:00	19.484463	0.96	1.15
7/5/2010 1:15	19.462008	0.98	1.16
7/5/2010 1:30	19.439606	1.00	1.18
7/5/2010 1:45	19.425703	1.01	1.19
7/5/2010 2:00	19.400572	1.04	1.22
7/5/2010 2:15	19.384155	1.06	1.24
7/5/2010 2:30	19.378317	1.06	1.24
7/5/2010 2:45	19.377069	1.06	1.24
7/5/2010 3:00	19.382093	1.06	1.24
7/5/2010 3:15	19.384027	1.06	1.24
7/5/2010 3:30	19.387695	1.05	1.23
7/5/2010 3:45	19.3985	1.04	1.21
7/5/2010 4:00	19.395903	1.04	1.22
7/5/2010 4:15	19.411749	1.03	1.21
7/5/2010 4:30	19.437208	1.00	1.18
7/5/2010 4:45	19.450562	0.99	1.17
7/5/2010 5:00	19.475859	0.96	1.14
7/5/2010 5:15	19.49435	0.95	1.13
7/5/2010 5:30	19.509399	0.93	1.11
7/5/2010 5:45	19.527716	0.91	1.09
7/5/2010 6:00	19.550278	0.89	1.07
7/5/2010 6:15	19.576441	0.86	1.05
7/5/2010 6:30	19.589983	0.85	1.04
7/5/2010 6:45	19.611664	0.83	1.03
7/5/2010 7:00	19.633198	0.81	1.00
7/5/2010 7:15	19.64642	0.79	0.99
7/5/2010 7:30	19.66884	0.77	0.97
7/5/2010 7:45	19.684832	0.76	0.97
7/5/2010 8:00	19.703274	0.74	0.94
7/5/2010 8:15	19.716465	0.72	0.92
7/5/2010 8:30	19.726761	0.71	0.92
7/5/2010 8:45	19.741003	0.70	0.91
7/5/2010 9:00	19.746563	0.69	0.90
7/5/2010 9:15	19.750107	0.69	0.90
7/5/2010 9:30	19.758059	0.68	0.89
7/5/2010 9:45	19.761673	0.68	0.88
7/5/2010 10:00	19.757904	0.68	0.88
7/5/2010 10:15	19.75362	0.69	0.90
7/5/2010 10:30	19.748861	0.69	0.90
7/5/2010 10:45	19.745178	0.69	0.89
7/5/2010 11:00	19.734579	0.71	0.92
7/5/2010 11:15	19.735821	0.70	0.90
7/5/2010 11:30	19.734259	0.71	0.90
7/5/2010 11:45	19.730289	0.71	0.91
7/5/2010 12:00	19.726622	0.71	0.91
7/5/2010 12:15	19.720293	0.72	0.91
7/5/2010 12:30	19.708941	0.73	0.92
7/5/2010 12:45	19.699448	0.74	0.92
7/5/2010 13:00	19.702288	0.74	0.92
7/5/2010 13:15	19.702679	0.74	0.92
7/5/2010 13:30	19.710312	0.73	0.91
7/5/2010 13:45	19.716166	0.72	0.90
7/5/2010 14:00	19.717764	0.72	0.90
7/5/2010 14:15	19.723585	0.72	0.89
7/5/2010 14:30	19.737783	0.70	0.87
7/5/2010 14:45	19.761616	0.68	0.85
7/5/2010 15:00	19.791386	0.65	0.82
7/5/2010 15:15	19.816456	0.62	0.79
7/5/2010 15:30	19.843826	0.60	0.76
7/5/2010 15:45	19.865082	0.57	0.73
7/5/2010 16:00	19.884192	0.56	0.71
7/5/2010 16:15	19.911983	0.53	0.69

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/5/2010 16:30:00	19.760101	0.76	0.97
7/5/2010 16:45:00	19.768169	0.75	0.96
7/5/2010 17:00:00	19.773697	0.75	0.96
7/5/2010 17:15:00	19.781229	0.74	0.95
7/5/2010 17:30:00	19.789654	0.73	0.94
7/5/2010 17:45:00	19.797041	0.72	0.94
7/5/2010 18:00:00	19.807169	0.71	0.91
7/5/2010 18:15:00	19.820606	0.70	0.91
7/5/2010 18:30:00	19.82765	0.69	0.90
7/5/2010 18:45:00	19.836569	0.68	0.90
7/5/2010 19:00:00	19.846823	0.67	0.89
7/5/2010 19:15:00	19.857388	0.66	0.87
7/5/2010 19:30:00	19.868641	0.65	0.87
7/5/2010 19:45:00	19.878271	0.64	0.86
7/5/2010 20:00:00	19.887701	0.63	0.85
7/5/2010 20:15:00	19.897884	0.62	0.84
7/5/2010 20:30:00	19.906357	0.61	0.84
7/5/2010 20:45:00	19.914028	0.61	0.83
7/5/2010 21:00:00	19.927397	0.59	0.83
7/5/2010 21:15:00	19.939501	0.58	0.82
7/5/2010 21:30:00	19.944624	0.58	0.83
7/5/2010 21:45:00	19.954334	0.57	0.83
7/5/2010 22:00:00	19.957317	0.56	0.83
7/5/2010 22:15:00	19.959066	0.56	0.82
7/5/2010 22:30:00	19.96697	0.55	0.82
7/5/2010 22:45:00	19.97159	0.55	0.81
7/5/2010 23:00:00	19.970957	0.55	0.81
7/5/2010 23:15:00	19.97513	0.54	0.81
7/5/2010 23:30:00	19.974476	0.55	0.81
7/5/2010 23:45:00	19.978474	0.54	0.81
7/6/2010 0:00:00	19.973772	0.55	0.81
7/6/2010 0:15:00	19.971165	0.55	0.81
7/6/2010 0:30:00	19.966459	0.55	0.82
7/6/2010 0:45:00	19.959827	0.56	0.83
7/6/2010 1:00:00	19.9557	0.56	0.83
7/6/2010 1:15:00	19.944834	0.58	0.83
7/6/2010 1:30:00	19.934515	0.59	0.84
7/6/2010 1:45:00	19.926712	0.59	0.85
7/6/2010 2:00:00	19.915789	0.60	0.86
7/6/2010 2:15:00	19.90748	0.61	0.87
7/6/2010 2:30:00	19.897564	0.62	0.88
7/6/2010 2:45:00	19.887405	0.63	0.89
7/6/2010 3:00:00	19.875553	0.64	0.90
7/6/2010 3:15:00	19.866812	0.65	0.91
7/6/2010 3:30:00	19.857824	0.66	0.91
7/6/2010 3:45:00	19.848398	0.67	0.92
7/6/2010 4:00:00	19.840216	0.68	0.92
7/6/2010 4:15:00	19.834093	0.69	0.94
7/6/2010 4:30:00	19.828417	0.69	0.95
7/6/2010 4:45:00	19.822779	0.70	0.95
7/6/2010 5:00:00	19.816227	0.70	0.97
7/6/2010 5:15:00	19.811895	0.71	0.97
7/6/2010 5:30:00	19.809301	0.71	0.98
7/6/2010 5:45:00	19.803656	0.72	0.98
7/6/2010 6:00:00	19.801512	0.72	1.00
7/6/2010 6:15:00	19.800821	0.72	0.99
7/6/2010 6:30:00	19.798994	0.72	1.00
7/6/2010 6:45:00	19.798161	0.72	1.00
7/6/2010 7:00:00	19.799753	0.72	1.01
7/6/2010 7:15:00	19.80044	0.72	1.01
7/6/2010 7:30:00	19.80138	0.72	1.00
7/6/2010 7:45:00	19.804644	0.72	1.00
7/6/2010 8:00:00	19.809223	0.71	1.01
7/6/2010 8:15:00	19.813568	0.71	1.00
7/6/2010 8:30:00	19.816172	0.70	1.00
7/6/2010 8:45:00	19.819624	0.70	1.00
7/6/2010 9:00:00	19.824953	0.70	0.99
7/6/2010 9:15:00	19.830709	0.69	0.99
7/6/2010 9:30:00	19.836336	0.68	0.98

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/5/2010 18:15	19.80377	0.68	0.85
7/5/2010 18:30	19.825247	0.65	0.82
7/5/2010 18:45	19.844801	0.64	0.81
7/5/2010 19:00	19.861708	0.62	0.79
7/5/2010 19:15	19.880777	0.60	0.77
7/5/2010 19:30	19.896601	0.58	0.76
7/5/2010 19:45	19.914106	0.57	0.75
7/5/2010 20:00	19.928814	0.55	0.73
7/5/2010 20:15	19.942509	0.54	0.72
7/5/2010 20:30	19.949467	0.53	0.71
7/5/2010 20:45	19.952671	0.53	0.71
7/5/2010 21:00	19.958344	0.52	0.71
7/5/2010 21:15	19.955677	0.52	0.72
7/5/2010 21:30	19.951168	0.53	0.74
7/5/2010 21:45	19.949598	0.53	0.74
7/5/2010 22:00	19.937866	0.54	0.75
7/5/2010 22:15	19.927002	0.55	0.76
7/5/2010 22:30	19.918518	0.56	0.77
7/5/2010 22:45	19.904343	0.58	0.79
7/5/2010 23:00	19.883013	0.60	0.81
7/5/2010 23:15	19.855038	0.62	0.83
7/5/2010 23:30	19.829372	0.65	0.86
7/5/2010 23:45	19.80427	0.68	0.89
7/6/2010 0:00	19.778799	0.70	0.91
7/6/2010 0:15	19.755526	0.72	0.93
7/6/2010 0:30	19.736147	0.74	0.95
7/6/2010 0:45	19.706411	0.77	0.98
7/6/2010 1:00	19.681274	0.80	1.01
7/6/2010 1:15	19.653992	0.83	1.04
7/6/2010 1:30	19.623461	0.86	1.07
7/6/2010 1:45	19.597769	0.88	1.09
7/6/2010 2:00	19.577923	0.90	1.11
7/6/2010 2:15	19.560886	0.92	1.13
7/6/2010 2:30	19.539183	0.94	1.15
7/6/2010 2:45	19.5271	0.95	1.16
7/6/2010 3:00	19.515488	0.96	1.17
7/6/2010 3:15	19.496748	0.98	1.19
7/6/2010 3:30	19.486179	0.99	1.19
7/6/2010 3:45	19.483549	1.00	1.20
7/6/2010 4:00	19.480556	1.00	1.20
7/6/2010 4:15	19.486132	0.99	1.20
7/6/2010 4:30	19.491938	0.99	1.20
7/6/2010 4:45	19.501602	0.98	1.19
7/6/2010 5:00	19.503004	0.98	1.19
7/6/2010 5:15	19.510054	0.97	1.18
7/6/2010 5:30	19.52113	0.96	1.17
7/6/2010 5:45	19.528154	0.95	1.16
7/6/2010 6:00	19.540888	0.94	1.17
7/6/2010 6:15	19.557726	0.92	1.14
7/6/2010 6:30	19.572414	0.91	1.13
7/6/2010 6:45	19.583788	0.90	1.12
7/6/2010 7:00	19.598886	0.88	1.11
7/6/2010 7:15	19.613407	0.87	1.10
7/6/2010 7:30	19.624144	0.86	1.09
7/6/2010 7:45	19.641058	0.84	1.07
7/6/2010 8:00	19.656206	0.82	1.06
7/6/2010 8:15	19.665968	0.81	1.05
7/6/2010 8:30	19.680225	0.80	1.04
7/6/2010 8:45	19.695225	0.78	1.02
7/6/2010 9:00	19.706694	0.77	1.01
7/6/2010 9:15	19.715542	0.76	1.00
7/6/2010 9:30	19.724314	0.76	1.00
7/6/2010 9:45	19.75635	0.72	0.96

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/5/2010 16:30	19.940943	0.50	0.65
7/5/2010 16:45	19.9725	0.47	0.62
7/5/2010 17:00	20.000858	0.44	0.59
7/5/2010 17:15	20.027197	0.41	0.56
7/5/2010 17:30	20.048183	0.39	0.54
7/5/2010 17:45	20.073368	0.37	0.52
7/5/2010 18:00	20.107302	0.33	0.48
7/5/2010 18:15	20.135418	0.30	0.45
7/5/2010 18:30	20.162907	0.28	0.43
7/5/2010 18:45	20.184652	0.26	0.41
7/5/2010 19:00	20.213614	0.23	0.38
7/5/2010 19:15	20.233614	0.21	0.36
7/5/2010 19:30	20.257566	0.18	0.34
7/5/2010 19:45	20.278162	0.16	0.32
7/5/2010 20:00	20.299709	0.14	0.30
7/5/2010 20:15	20.316195	0.12	0.28
7/5/2010 20:30	20.310776	0.13	0.29
7/5/2010 20:45	20.308041	0.13	0.29
7/5/2010 21:00	20.308304	0.13	0.30
7/5/2010 21:15	20.290041	0.15	0.33
7/5/2010 21:30	20.275415	0.16	0.34
7/5/2010 21:45	20.260984	0.18	0.37
7/5/2010 22:00	20.235975	0.20	0.39
7/5/2010 22:15	20.210249	0.23	0.41
7/5/2010 22:30	20.194321	0.25	0.44
7/5/2010 22:45	20.162479	0.28	0.47
7/5/2010 23:00	20.119684	0.32	0.51
7/5/2010 23:15	20.066193	0.37	0.56
7/5/2010 23:30	20.015287	0.42	0.61
7/5/2010 23:45	19.972401	0.47	0.66
7/6/2010 0:00	19.930233	0.51	0.70
7/6/2010 0:15	19.89493	0.55	0.74
7/6/2010 0:30	19.864258	0.58	0.77
7/6/2010 0:45	19.815695	0.62	0.81
7/6/2010 1:00	19.774851	0.67	0.86
7/6/2010 1:15	19.738525	0.70	0.88
7/6/2010 1:30	19.69833	0.74	0.92
7/6/2010 1:45	19.661865	0.78	0.96
7/6/2010 2:00	19.634344	0.81	0.99
7/6/2010 2:15	19.604261	0.84	1.02
7/6/2010 2:30	19.58209	0.86	1.04
7/6/2010 2:45	19.569319	0.87	1.05
7/6/2010 3:00	19.556488	0.88	1.06
7/6/2010 3:15	19.544519	0.90	1.08
7/6/2010 3:30	19.537308	0.90	1.08
7/6/2010 3:45	19.536102	0.90	1.08
7/6/2010 4:00	19.544979	0.90	1.08
7/6/2010 4:15	19.558899	0.88	1.06
7/6/2010 4:30	19.580336	0.86	1.04
7/6/2010 4:45	19.594116	0.85	1.03
7/6/2010 5:00	19.605185	0.83	1.02
7/6/2010 5:15	19.620977	0.82	1.01
7/6/2010 5:30	19.641344	0.80	0.99
7/6/2010 5:45	19.657846	0.78	0.97
7/6/2010 6:00	19.688498	0.75	0.96
7/6/2010 6:15	19.712809	0.73	0.93
7/6/2010 6:30	19.735312	0.70	0.90
7/6/2010 6:45	19.755222	0.68	0.88
7/6/2010 7:00	19.782728	0.66	0.87
7/6/2010 7:15	19.807663	0.63	0.84
7/6/2010 7:30	19.831068	0.61	0.82
7/6/2010 7:45	19.852612	0.59	0.80
7/6/2010 8:00	19.876003	0.56	0.78
7/6/2010 8:15	19.888945	0.55	0.77
7/6/2010 8:30	19.906794	0.53	0.75
7/6/2010 8:45	19.930937	0.51	0.73
7/6/2010 9:00	19.947462	0.49	0.71
7/6/2010 9:15	19.961437	0.48	0.70
7/6/2010 9:30	19.969349	0.47	0.69

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

DMW4S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/6/2010 9:45:00	19.840282	0.68	0.98

DMW4I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)

DMW4D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/14/2010 16:16	2.258583	0.24	0.24
6/14/2010 16:31	1.943935	0.17	0.17
6/14/2010 16:46	1.921454	0.62	0.62
6/14/2010 17:01	1.902776	0.62	0.62
6/14/2010 17:16	1.889484	0.63	0.64
6/14/2010 17:31	1.876418	0.64	0.65
6/14/2010 17:46	1.866745	0.66	0.67
6/14/2010 18:01	1.865834	0.67	0.67
6/14/2010 18:16	1.869213	0.69	0.69
6/14/2010 18:31	1.876169	0.71	0.71
6/14/2010 18:46	1.889384	0.74	0.74
6/14/2010 19:01	1.910098	0.78	0.79
6/14/2010 19:16	1.932613	0.81	0.82
6/14/2010 19:31	1.944452	0.84	0.85
6/14/2010 19:46	1.958472	0.88	0.89
6/14/2010 20:01	1.980797	0.92	0.93
6/14/2010 20:16	2.008949	0.96	0.97
6/14/2010 20:31	2.02077	0.99	1.00
6/14/2010 20:46	2.042648	1.02	1.03
6/14/2010 21:01	2.055611	1.04	1.05
6/14/2010 21:16	2.067148	1.06	1.08
6/14/2010 21:31	2.08141	1.08	1.10
6/14/2010 21:46	2.092839	1.09	1.11
6/14/2010 22:01	2.108599	1.10	1.13
6/14/2010 22:16	2.121944	1.11	1.14
6/14/2010 22:31	2.136116	1.12	1.15
6/14/2010 22:46	2.148879	1.11	1.15
6/14/2010 23:01	2.161745	1.11	1.15
6/14/2010 23:16	2.165234	1.09	1.13
6/14/2010 23:31	2.155838	1.08	1.12
6/14/2010 23:46	2.14211	1.06	1.11
6/15/2010 0:01	2.122436	1.03	1.08
6/15/2010 0:16	2.105272	1.01	1.06
6/15/2010 0:31	2.091447	0.99	1.05
6/15/2010 0:46	2.070494	0.97	1.03
6/15/2010 1:01	2.049911	0.94	1.00
6/15/2010 1:16	2.020256	0.91	0.97
6/15/2010 1:31	1.98253	0.89	0.95
6/15/2010 1:46	1.93948	0.86	0.92
6/15/2010 2:01	1.901479	0.83	0.89
6/15/2010 2:16	1.856647	0.80	0.86
6/15/2010 2:31	1.813722	0.78	0.84
6/15/2010 2:46	1.771129	0.76	0.83
6/15/2010 3:01	1.728783	0.73	0.79
6/15/2010 3:16	1.685892	0.70	0.76
6/15/2010 3:31	1.642519	0.68	0.74
6/15/2010 3:46	1.604385	0.66	0.73
6/15/2010 4:01	1.562639	0.65	0.73
6/15/2010 4:16	1.527597	0.64	0.72
6/15/2010 4:31	1.492945	0.64	0.72
6/15/2010 4:46	1.452496	0.64	0.72
6/15/2010 5:01	1.419169	0.65	0.73
6/15/2010 5:16	1.391568	0.66	0.74
6/15/2010 5:31	1.369967	0.68	0.77
6/15/2010 5:46	1.353107	0.71	0.80
6/15/2010 6:01	1.332836	0.73	0.82
6/15/2010 6:16	1.320125	0.76	0.86
6/15/2010 6:31	1.315829	0.79	0.89
6/15/2010 6:46	1.313269	0.83	0.93
6/15/2010 7:01	1.317521	0.87	0.97
6/15/2010 7:16	1.324381	0.91	1.02
6/15/2010 7:31	1.342911	0.95	1.06
6/15/2010 7:46	1.352038	0.99	1.10
6/15/2010 8:01	1.36289	1.03	1.14
6/15/2010 8:16	1.373497	1.06	1.18
6/15/2010 8:31	1.380909	1.10	1.22
6/15/2010 8:46	1.398668	1.13	1.27
6/15/2010 9:01	1.421534	1.16	1.30
6/15/2010 9:16	1.449685	1.19	1.33

PZ01I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/2/2010 19:30	2.605317	0.41	0.41
6/2/2010 19:45	2.595635	0.42	0.41
6/2/2010 20:00	2.582913	0.44	0.43
6/2/2010 20:15	2.579672	0.44	0.43
6/2/2010 20:30	2.575426	0.44	0.43
6/2/2010 20:45	2.575128	0.44	0.42
6/2/2010 21:00	2.57301	0.45	0.43
6/2/2010 21:15	2.569229	0.45	0.43
6/2/2010 21:30	2.566756	0.45	0.43
6/2/2010 21:45	2.564157	0.46	0.44
6/2/2010 22:00	2.558174	0.46	0.44
6/2/2010 22:15	2.555514	0.46	0.43
6/2/2010 22:30	2.551844	0.47	0.44
6/2/2010 22:45	2.54842	0.47	0.43
6/2/2010 23:00	2.54504	0.47	0.43
6/2/2010 23:15	2.542488	0.48	0.44
6/2/2010 23:30	2.540073	0.48	0.44
6/2/2010 23:45	2.536705	0.48	0.45
6/3/2010 0:00	2.534026	0.49	0.46
6/3/2010 0:15	2.530998	0.49	0.47
6/3/2010 0:30	2.528979	0.49	0.47
6/3/2010 0:45	2.526327	0.49	0.46
6/3/2010 1:00	2.525132	0.49	0.47
6/3/2010 1:15	2.524647	0.50	0.49
6/3/2010 1:30	2.521886	0.50	0.49
6/3/2010 1:45	2.521082	0.50	0.48
6/3/2010 2:00	2.520996	0.50	0.47
6/3/2010 2:15	2.521517	0.50	0.46
6/3/2010 2:30	2.523213	0.50	0.45
6/3/2010 2:45	2.523755	0.50	0.45
6/3/2010 3:00	2.524487	0.50	0.45
6/3/2010 3:15	2.528175	0.49	0.42
6/3/2010 3:30	2.529454	0.49	0.42
6/3/2010 3:45	2.529704	0.49	0.41
6/3/2010 4:00	2.531702	0.49	0.41
6/3/2010 4:15	2.532718	0.49	0.41
6/3/2010 4:30	2.53194	0.49	0.41
6/3/2010 4:45	2.531694	0.49	0.41
6/3/2010 5:00	2.533726	0.49	0.41
6/3/2010 5:15	2.533581	0.49	0.42
6/3/2010 5:30	2.532159	0.49	0.42
6/3/2010 5:45	2.533907	0.49	0.42
6/3/2010 6:00	2.535626	0.48	0.41
6/3/2010 6:15	2.535431	0.48	0.42
6/3/2010 6:30	2.534953	0.49	0.43
6/3/2010 6:45	2.533679	0.49	0.43
6/3/2010 7:00	2.533862	0.49	0.45
6/3/2010 7:15	2.532868	0.49	0.45
6/3/2010 7:30	2.531579	0.49	0.45
6/3/2010 7:45	2.531251	0.49	0.45
6/3/2010 8:00	2.524973	0.50	0.47
6/3/2010 8:15	2.221755	0.80	0.78
6/3/2010 8:30	2.219325	0.80	0.78
6/3/2010 8:45	2.217762	0.80	0.78
6/3/2010 9:00	2.216813	0.80	0.78
6/3/2010 9:15	2.215781	0.80	0.78
6/3/2010 9:30	2.21379	0.81	0.79
6/3/2010 9:45	2.212859	0.81	0.79
6/3/2010 10:00	2.211269	0.81	0.79
6/3/2010 10:15	2.20947	0.81	0.79
6/3/2010 10:30	2.208429	0.81	0.79
6/3/2010 10:45	2.207515	0.81	0.77
6/3/2010 11:00	2.207485	0.81	0.77
6/3/2010 11:15	2.207692	0.81	0.78
6/3/2010 11:30	2.206048	0.81	0.78
6/3/2010 11:45	2.205402	0.81	0.78
6/3/2010 12:00	2.203151	0.82	0.79
6/3/2010 12:15	2.202281	0.82	0.79
6/3/2010 12:30	2.202554	0.82	0.79

PZ01D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/2/2010 19:30	2.426887	0.29	0.29
6/2/2010 19:45	2.587198	0.13	0.12
6/2/2010 20:00	2.388362	0.33	0.32
6/2/2010 20:15	2.359259	0.36	0.35
6/2/2010 20:30	2.332528	0.39	0.38
6/2/2010 20:45	2.305474	0.41	0.39
6/2/2010 21:00	2.279565	0.44	0.42
6/2/2010 21:15	2.250093	0.47	0.45
6/2/2010 21:30	2.209454	0.51	0.49
6/2/2010 21:45	2.168568	0.55	0.53
6/2/2010 22:00	2.120197	0.60	0.58
6/2/2010 22:15	2.071126	0.65	0.62
6/2/2010 22:30	2.032643	0.69	0.66
6/2/2010 22:45	1.990076	0.73	0.69
6/2/2010 23:00	1.95127	0.77	0.73
6/2/2010 23:15	1.915563	0.80	0.76
6/2/2010 23:30	1.884802	0.84	0.80
6/2/2010 23:45	1.850251	0.87	0.84
6/3/2010 0:00	1.818104	0.90	0.87
6/3/2010 0:15	1.790943	0.93	0.91
6/3/2010 0:30	1.766641	0.95	0.93
6/3/2010 0:45	1.749402	0.97	0.94
6/3/2010 1:00	1.731763	0.99	0.97
6/3/2010 1:15	1.71502	1.00	0.99
6/3/2010 1:30	1.69719	1.02	1.01
6/3/2010 1:45	1.689011	1.03	1.01
6/3/2010 2:00	1.686843	1.03	1.00
6/3/2010 2:15	1.68955	1.03	0.99
6/3/2010 2:30	1.6951	1.02	0.97
6/3/2010 2:45	1.706654	1.01	0.96
6/3/2010 3:00	1.727101	0.99	0.94
6/3/2010 3:15	1.735228	0.98	0.91
6/3/2010 3:30	1.748576	0.97	0.90
6/3/2010 3:45	1.767436	0.95	0.87
6/3/2010 4:00	1.780115	0.94	0.86
6/3/2010 4:15	1.796906	0.92	0.84
6/3/2010 4:30	1.808356	0.91	0.83
6/3/2010 4:45	1.814579	0.91	0.83
6/3/2010 5:00	1.8262	0.89	0.81
6/3/2010 5:15	1.835641	0.88	0.81
6/3/2010 5:30	1.846545	0.87	0.80
6/3/2010 5:45	1.853021	0.87	0.80
6/3/2010 6:00	1.861008	0.86	0.79
6/3/2010 6:15	1.869695	0.85	0.79
6/3/2010 6:30	1.876466	0.84	0.78
6/3/2010 6:45	1.879232	0.84	0.78
6/3/2010 7:00	1.876113	0.84	0.80
6/3/2010 7:15	1.878633	0.84	0.80
6/3/2010 7:30	1.869551	0.85	0.81
6/3/2010 7:45	1.863107	0.86	0.82
6/3/2010 8:00	1.850698	0.87	0.84
6/3/2010 8:15	1.827743	0.89	0.87
6/3/2010 8:30	1.803912	0.92	0.90
6/3/2010 8:45	1.783139	0.94	0.92
6/3/2010 9:00	1.766337	0.95	0.93
6/3/2010 9:15	1.743115	0.98	0.96
6/3/2010 9:30	1.717461	1.00	0.98
6/3/2010 9:45	1.683617	1.04	1.02
6/3/2010 10:00	1.649187	1.07	1.05
6/3/2010 10:15	1.617322	1.10	1.08
6/3/2010 10:30	1.585009	1.13	1.11
6/3/2010 10:45	1.550087	1.17	1.13
6/3/2010 11:00	1.529029	1.19	1.15
6/3/2010 11:15	1.505086	1.21	1.18
6/3/2010 11:30	1.478018	1.24	1.21
6/3/2010 11:45	1.456787	1.26	1.23
6/3/2010 12:00	1.435846	1.28	1.25
6/3/2010 12:15	1.411975	1.31	1.28
6/3/2010 12:30	1.400909	1.32	1.29

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/15/2010 9:31	1.479686	1.21	1.35
6/15/2010 9:46	1.505278	1.23	1.37
6/15/2010 10:01	1.522887	1.25	1.39
6/15/2010 10:16	1.553929	1.27	1.41
6/15/2010 10:31	1.58326	1.28	1.42
6/15/2010 10:46	1.611608	1.28	1.43
6/15/2010 11:01	1.642771	1.27	1.42
6/15/2010 11:16	1.674265	1.25	1.40
6/15/2010 11:31	1.700941	1.23	1.38
6/15/2010 11:46	1.725381	1.22	1.37
6/15/2010 12:01	1.753321	1.21	1.36
6/15/2010 12:16	1.78162	1.19	1.35
6/15/2010 12:31	1.804883	1.17	1.33
6/15/2010 12:46	1.817283	1.15	1.31
6/15/2010 13:01	1.841056	1.11	1.27
6/15/2010 13:16	1.847128	1.08	1.24
6/15/2010 13:31	1.831773	1.05	1.21
6/15/2010 13:46	1.830766	1.02	1.18
6/15/2010 14:01	1.827822	0.99	1.15
6/15/2010 14:16	1.817563	0.95	1.11
6/15/2010 14:31	1.806293	0.92	1.08
6/15/2010 14:46	1.79138	0.89	1.05
6/15/2010 15:01	1.771076	0.85	1.01
6/15/2010 15:16	1.743043	0.81	0.97
6/15/2010 15:31	1.718729	0.77	0.92
6/15/2010 15:46	1.690359	0.73	0.88
6/15/2010 16:01	1.660439	0.69	0.84
6/15/2010 16:16	1.634419	0.66	0.81
6/15/2010 16:31	1.610111	0.63	0.78
6/15/2010 16:46	1.586354	0.60	0.75
6/15/2010 17:01	1.5605	0.57	0.72
6/15/2010 17:16	1.53898	0.55	0.70
6/15/2010 17:31	1.521443	0.53	0.68
6/15/2010 17:46	1.498041	0.53	0.68
6/15/2010 18:01	1.48905	0.53	0.68
6/15/2010 18:16	1.474679	0.53	0.68
6/15/2010 18:31	1.467483	0.54	0.69
6/15/2010 18:46	1.4655	0.57	0.72
6/15/2010 19:01	1.449137	0.59	0.74
6/15/2010 19:16	1.459656	0.62	0.77
6/15/2010 19:31	1.471368	0.64	0.79
6/15/2010 19:46	1.502579	0.67	0.82
6/15/2010 20:01	1.53624	0.71	0.87
6/15/2010 20:16	1.558231	0.75	0.90
6/15/2010 20:31	1.57068	0.79	0.94
6/15/2010 20:46	1.579842	0.83	0.99
6/15/2010 21:01	1.593629	0.87	1.03
6/15/2010 21:16	1.619974	0.90	1.06
6/15/2010 21:31	1.656145	0.93	1.09
6/15/2010 21:46	1.696493	0.96	1.12
6/15/2010 22:01	1.726947	0.99	1.15
6/15/2010 22:16	1.75675	1.02	1.19
6/15/2010 22:31	1.778896	1.04	1.21
6/15/2010 22:46	1.798004	1.06	1.23
6/15/2010 23:01	1.817481	1.06	1.24
6/15/2010 23:16	1.843151	1.07	1.25
6/15/2010 23:31	1.871994	1.07	1.25
6/15/2010 23:46	1.898787	1.06	1.24
6/16/2010 0:01	1.922865	1.06	1.24
6/16/2010 0:16	1.941098	1.05	1.23
6/16/2010 0:31	1.95058	1.04	1.22
6/16/2010 0:46	1.957649	1.02	1.20
6/16/2010 1:01	1.964048	1.00	1.18
6/16/2010 1:16	1.964669	0.97	1.15
6/16/2010 1:31	1.956485	0.95	1.14
6/16/2010 1:46	1.942957	0.92	1.10
6/16/2010 2:01	1.918743	0.90	1.08
6/16/2010 2:16	1.893958	0.88	1.06
6/16/2010 2:31	1.873193	0.85	1.03

PZ01I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/3/2010 12:45	2.203118	0.82	0.79
6/3/2010 13:00	2.202458	0.82	0.78
6/3/2010 13:15	2.204738	0.82	0.79
6/3/2010 13:30	2.204614	0.82	0.78
6/3/2010 13:45	2.206303	0.81	0.77
6/3/2010 14:00	2.207182	0.81	0.78
6/3/2010 14:15	2.208636	0.81	0.77
6/3/2010 14:30	2.210243	0.81	0.78
6/3/2010 14:45	2.211744	0.81	0.76
6/3/2010 15:00	2.213634	0.81	0.77
6/3/2010 15:15	2.214933	0.81	0.77
6/3/2010 15:30	2.219113	0.80	0.75
6/3/2010 15:45	2.220739	0.80	0.75
6/3/2010 16:00	2.223516	0.80	0.74
6/3/2010 16:15	2.224934	0.80	0.74
6/3/2010 16:30	2.227645	0.79	0.71
6/3/2010 16:45	2.229859	0.79	0.70
6/3/2010 17:00	2.230028	0.79	0.72
6/3/2010 17:15	2.232868	0.79	0.73
6/3/2010 17:30	2.232739	0.79	0.72
6/3/2010 17:45	2.234068	0.79	0.72
6/3/2010 18:00	2.235687	0.78	0.71
6/3/2010 18:15	2.235008	0.78	0.71
6/3/2010 18:30	2.2346	0.79	0.73
6/3/2010 18:45	2.240367	0.78	0.71
6/3/2010 19:00	2.239176	0.78	0.72
6/3/2010 19:15	2.237338	0.78	0.73
6/3/2010 19:30	2.236369	0.78	0.74
6/3/2010 19:45	2.234943	0.79	0.74
6/3/2010 20:00	2.234062	0.79	0.74
6/3/2010 20:15	2.232316	0.79	0.76
6/3/2010 20:30	2.234885	0.79	0.77
6/3/2010 20:45	2.235927	0.78	0.77
6/3/2010 21:00	2.234982	0.79	0.79
6/3/2010 21:15	2.232852	0.79	0.79
6/3/2010 21:30	2.226762	0.79	0.80
6/3/2010 21:45	2.221977	0.80	0.81
6/3/2010 22:00	2.219362	0.80	0.81
6/3/2010 22:15	2.215191	0.80	0.82
6/3/2010 22:30	2.214409	0.81	0.83
6/3/2010 22:45	2.21228	0.81	0.83
6/3/2010 23:00	2.211207	0.81	0.83
6/3/2010 23:15	2.210038	0.81	0.83
6/3/2010 23:30	2.207374	0.81	0.83
6/3/2010 23:45	2.203953	0.82	0.84
6/4/2010 0:00	2.201069	0.82	0.84
6/4/2010 0:15	2.198466	0.82	0.84
6/4/2010 0:30	2.196727	0.82	0.85
6/4/2010 0:45	2.197978	0.82	0.84
6/4/2010 1:00	2.198874	0.82	0.84
6/4/2010 1:15	2.2005	0.82	0.83
6/4/2010 1:30	2.20049	0.82	0.84
6/4/2010 1:45	2.199066	0.82	0.84
6/4/2010 2:00	2.198928	0.82	0.83
6/4/2010 2:15	2.197961	0.82	0.83
6/4/2010 2:30	2.198546	0.82	0.82
6/4/2010 2:45	2.200874	0.82	0.83
6/4/2010 3:00	2.201715	0.82	0.82
6/4/2010 3:15	2.203542	0.82	0.83
6/4/2010 3:30	2.20362	0.82	0.83
6/4/2010 3:45	2.203101	0.82	0.84
6/4/2010 4:00	2.204329	0.82	0.84
6/4/2010 4:15	2.203074	0.82	0.84
6/4/2010 4:30	2.203561	0.82	0.85
6/4/2010 4:45	2.206	0.81	0.84
6/4/2010 5:00	2.207564	0.81	0.84
6/4/2010 5:15	2.210053	0.81	0.84
6/4/2010 5:30	2.211238	0.81	0.84
6/4/2010 5:45	2.213287	0.81	0.84

PZ01D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/3/2010 12:45	1.396935	1.32	1.29
6/3/2010 13:00	1.391136	1.33	1.29
6/3/2010 13:15	1.392263	1.33	1.30
6/3/2010 13:30	1.394869	1.33	1.29
6/3/2010 13:45	1.40353	1.32	1.28
6/3/2010 14:00	1.41249	1.31	1.28
6/3/2010 14:15	1.435713	1.28	1.24
6/3/2010 14:30	1.461645	1.26	1.23
6/3/2010 14:45	1.482681	1.24	1.19
6/3/2010 15:00	1.51269	1.21	1.17
6/3/2010 15:15	1.53588	1.18	1.14
6/3/2010 15:30	1.554019	1.17	1.12
6/3/2010 15:45	1.577847	1.14	1.09
6/3/2010 16:00	1.606099	1.11	1.05
6/3/2010 16:15	1.630453	1.09	1.03
6/3/2010 16:30	1.654508	1.07	0.99
6/3/2010 16:45	1.67671	1.04	0.95
6/3/2010 17:00	1.70421	1.02	0.95
6/3/2010 17:15	1.73233	0.99	0.93
6/3/2010 17:30	1.756011	0.96	0.89
6/3/2010 17:45	1.784542	0.94	0.87
6/3/2010 18:00	1.808684	0.91	0.84
6/3/2010 18:15	1.823798	0.90	0.83
6/3/2010 18:30	1.857721	0.86	0.80
6/3/2010 18:45	1.899963	0.82	0.75
6/3/2010 19:00	1.925825	0.79	0.73
6/3/2010 19:15	1.925541	0.79	0.74
6/3/2010 19:30	1.922031	0.80	0.76
6/3/2010 19:45	1.918872	0.80	0.75
6/3/2010 20:00	1.905001	0.81	0.76
6/3/2010 20:15	1.903785	0.82	0.79
6/3/2010 20:30	1.963087	0.76	0.74
6/3/2010 20:45	1.987322	0.73	0.72
6/3/2010 21:00	1.973903	0.75	0.75
6/3/2010 21:15	1.961997	0.76	0.76
6/3/2010 21:30	1.899428	0.82	0.83
6/3/2010 21:45	1.835281	0.88	0.89
6/3/2010 22:00	1.787458	0.93	0.94
6/3/2010 22:15	1.751149	0.97	0.99
6/3/2010 22:30	1.732331	0.99	1.01
6/3/2010 22:45	1.711103	1.01	1.03
6/3/2010 23:00	1.702846	1.02	1.04
6/3/2010 23:15	1.692846	1.03	1.05
6/3/2010 23:30	1.653949	1.07	1.09
6/3/2010 23:45	1.619824	1.10	1.12
6/4/2010 0:00	1.57935	1.14	1.16
6/4/2010 0:15	1.540879	1.18	1.20
6/4/2010 0:30	1.532028	1.19	1.22
6/4/2010 0:45	1.544073	1.18	1.20
6/4/2010 1:00	1.558085	1.16	1.18
6/4/2010 1:15	1.571302	1.15	1.16
6/4/2010 1:30	1.58186	1.14	1.16
6/4/2010 1:45	1.57122	1.15	1.17
6/4/2010 2:00	1.558461	1.16	1.17
6/4/2010 2:15	1.560783	1.16	1.17
6/4/2010 2:30	1.567453	1.15	1.15
6/4/2010 2:45	1.589914	1.13	1.14
6/4/2010 3:00	1.611212	1.11	1.11
6/4/2010 3:15	1.626865	1.09	1.10
6/4/2010 3:30	1.645137	1.07	1.08
6/4/2010 3:45	1.654397	1.07	1.09
6/4/2010 4:00	1.663733	1.06	1.08
6/4/2010 4:15	1.669171	1.05	1.07
6/4/2010 4:30	1.69215	1.03	1.06
6/4/2010 4:45	1.72158	1.00	1.03
6/4/2010 5:00	1.747095	0.97	1.00
6/4/2010 5:15	1.774145	0.95	0.98
6/4/2010 5:30	1.800362	0.92	0.95
6/4/2010 5:45	1.822306	0.90	0.93

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/16/2010 2:46	1.851203	0.83	1.01
6/16/2010 3:01	1.825176	0.81	0.99
6/16/2010 3:16	1.792546	0.79	0.96
6/16/2010 3:31	1.757343	0.77	0.94
6/16/2010 3:46	1.714646	0.75	0.93
6/16/2010 4:01	1.679023	0.74	0.92
6/16/2010 4:16	1.64356	0.72	0.89
6/16/2010 4:31	1.603934	0.71	0.88
6/16/2010 4:46	1.568156	0.70	0.87
6/16/2010 5:01	1.53136	0.70	0.87
6/16/2010 5:16	1.495448	0.71	0.88
6/16/2010 5:31	1.46467	0.71	0.88
6/16/2010 5:46	1.434403	0.72	0.90
6/16/2010 6:01	1.410493	0.74	0.91
6/16/2010 6:16	1.390714	0.76	0.94
6/16/2010 6:31	1.377175	0.79	0.97
6/16/2010 6:46	1.370952	0.82	1.00
6/16/2010 7:01	1.368225	0.86	1.03
6/16/2010 7:16	1.363104	0.89	1.07
6/16/2010 7:31	1.365857	0.93	1.11
6/16/2010 7:46	1.379601	0.97	1.15
6/16/2010 8:01	1.393167	1.02	1.20
6/16/2010 8:16	1.403703	1.06	1.24
6/16/2010 8:31	1.436507	1.10	1.28
6/16/2010 8:46	1.456181	1.14	1.32
6/16/2010 9:01	1.487388	1.19	1.36
6/16/2010 9:16	1.510785	1.23	1.40
6/16/2010 9:31	1.539987	1.27	1.45
6/16/2010 9:46	1.572681	1.31	1.48
6/16/2010 10:01	1.598867	1.34	1.50
6/16/2010 10:16	1.624564	1.36	1.53
6/16/2010 10:31	1.663533	1.39	1.56
6/16/2010 10:46	1.699493	1.41	1.57
6/16/2010 11:01	1.732926	1.44	1.60
6/16/2010 11:16	1.770886	1.48	1.64
6/16/2010 11:31	1.807164	1.47	1.63
6/16/2010 11:46	1.845585	1.47	1.63
6/16/2010 12:01	1.88589	1.47	1.62
6/16/2010 12:16	1.925833	1.47	1.62
6/16/2010 12:31	1.974651	1.47	1.62
6/16/2010 12:46	2.015637	1.47	1.62
6/16/2010 13:01	2.058325	1.46	1.60
6/16/2010 13:16	2.098795	1.45	1.59
6/16/2010 13:31	2.13609	1.44	1.58
6/16/2010 13:46	2.162517	1.42	1.55
6/16/2010 14:01	2.18443	1.40	1.52
6/16/2010 14:16	2.20059	1.39	1.51
6/16/2010 14:31	2.222881	1.37	1.49
6/16/2010 14:46	2.231366	1.35	1.47
6/16/2010 15:01	2.24508	1.32	1.43
6/16/2010 15:16	2.24893	1.29	1.40
6/16/2010 15:31	2.246642	1.26	1.36
6/16/2010 15:46	2.248551	1.23	1.33
6/16/2010 16:01	2.238791	1.20	1.29
6/16/2010 16:16	2.208641	1.17	1.26
6/16/2010 16:31	2.186276	1.14	1.22
6/16/2010 16:46	2.159514	1.11	1.19
6/16/2010 17:01	2.133993	1.08	1.16
6/16/2010 17:16	2.127548	1.04	1.11
6/16/2010 17:31	2.10826	1.01	1.08
6/16/2010 17:46	2.086722	0.98	1.05
6/16/2010 18:01	2.058299	0.95	1.01
6/16/2010 18:16	2.043437	0.93	0.99
6/16/2010 18:31	2.047023	0.91	0.96
6/16/2010 18:46	2.047612	0.89	0.95
6/16/2010 19:01	2.047099	0.88	0.94
6/16/2010 19:16	2.043567	0.87	0.93
6/16/2010 19:31	2.030501	0.87	0.93
6/16/2010 19:46	2.025872	0.88	0.94

PZ01I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/4/2010 6:00	2.213502	0.81	0.85
6/4/2010 6:15	2.213698	0.81	0.86
6/4/2010 6:30	2.21707	0.80	0.85
6/4/2010 6:45	2.21658	0.80	0.87
6/4/2010 7:00	2.219087	0.80	0.87
6/4/2010 7:15	2.219603	0.80	0.87
6/4/2010 7:30	2.219026	0.80	0.89
6/4/2010 7:45	2.220916	0.80	0.88
6/4/2010 8:00	2.221722	0.80	0.88
6/4/2010 8:15	2.223737	0.80	0.88
6/4/2010 8:30	2.223314	0.80	0.89
6/4/2010 8:45	2.224319	0.80	0.88
6/4/2010 9:00	2.223311	0.80	0.88
6/4/2010 9:15	2.22426	0.80	0.89
6/4/2010 9:30	2.222274	0.80	0.89
6/4/2010 9:45	2.222103	0.80	0.89
6/4/2010 10:00	2.221438	0.80	0.90
6/4/2010 10:15	2.220788	0.80	0.90
6/4/2010 10:30	2.219986	0.80	0.89
6/4/2010 10:45	2.216879	0.80	0.90
6/4/2010 11:00	2.217305	0.80	0.90
6/4/2010 11:15	2.215998	0.80	0.90
6/4/2010 11:30	2.213209	0.81	0.91
6/4/2010 11:45	2.212451	0.81	0.91
6/4/2010 12:00	2.21313	0.81	0.91
6/4/2010 12:15	2.21154	0.81	0.91
6/4/2010 12:30	2.211396	0.81	0.90
6/4/2010 12:45	2.210765	0.81	0.91
6/4/2010 13:00	2.210702	0.81	0.90
6/4/2010 13:15	2.210982	0.81	0.90
6/4/2010 13:30	2.213402	0.81	0.90
6/4/2010 13:45	2.214357	0.81	0.89
6/4/2010 14:00	2.214909	0.81	0.89
6/4/2010 14:15	2.215954	0.80	0.87
6/4/2010 14:30	2.216143	0.80	0.87
6/4/2010 14:45	2.219184	0.80	0.86
6/4/2010 15:00	2.22068	0.80	0.86
6/4/2010 15:15	2.222241	0.80	0.85
6/4/2010 15:30	2.226576	0.79	0.83
6/4/2010 15:45	2.226843	0.79	0.82
6/4/2010 16:00	2.229785	0.79	0.82
6/4/2010 16:15	2.231812	0.79	0.82
6/4/2010 16:30	2.23345	0.79	0.82
6/4/2010 16:45	2.234853	0.79	0.82
6/4/2010 17:00	2.237585	0.78	0.80
6/4/2010 17:15	2.239902	0.78	0.80
6/4/2010 17:30	2.241237	0.78	0.79
6/4/2010 17:45	2.24152	0.78	0.81
6/4/2010 18:00	2.242828	0.78	0.81
6/4/2010 18:15	2.243351	0.78	0.82
6/4/2010 18:30	2.243699	0.78	0.83
6/4/2010 18:45	2.243622	0.78	0.82
6/4/2010 19:00	2.2448	0.78	0.83
6/4/2010 19:15	2.247609	0.77	0.82
6/4/2010 19:30	2.248253	0.77	0.81
6/4/2010 19:45	2.249041	0.77	0.82
6/4/2010 20:00	2.25016	0.77	0.81
6/4/2010 20:15	2.252023	0.77	0.81
6/4/2010 20:30	2.250807	0.77	0.82
6/4/2010 20:45	2.249024	0.77	0.83
6/4/2010 21:00	2.249007	0.77	0.82
6/4/2010 21:15	2.246459	0.77	0.81
6/4/2010 21:30	2.245244	0.77	0.81
6/4/2010 21:45	2.243221	0.78	0.82
6/4/2010 22:00	2.241883	0.78	0.82
6/4/2010 22:15	2.237396	0.78	0.83
6/4/2010 22:30	2.234945	0.79	0.84
6/4/2010 22:45	2.232097	0.79	0.83
6/4/2010 23:00	2.229494	0.79	0.82

PZ01D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/4/2010 6:00	1.845111	0.87	0.91
6/4/2010 6:15	1.875116	0.84	0.89
6/4/2010 6:30	1.910065	0.81	0.86
6/4/2010 6:45	1.937153	0.78	0.85
6/4/2010 7:00	1.960551	0.76	0.83
6/4/2010 7:15	1.980451	0.74	0.81
6/4/2010 7:30	1.986387	0.73	0.82
6/4/2010 7:45	1.998164	0.72	0.80
6/4/2010 8:00	2.01808	0.70	0.78
6/4/2010 8:15	2.040185	0.68	0.76
6/4/2010 8:30	2.050099	0.67	0.76
6/4/2010 8:45	2.044361	0.68	0.76
6/4/2010 9:00	2.029015	0.69	0.77
6/4/2010 9:15	2.006884	0.71	0.80
6/4/2010 9:30	1.987834	0.73	0.82
6/4/2010 9:45	1.979982	0.74	0.83
6/4/2010 10:00	1.96251	0.76	0.86
6/4/2010 10:15	1.941558	0.78	0.88
6/4/2010 10:30	1.909471	0.81	0.90
6/4/2010 10:45	1.870633	0.85	0.95
6/4/2010 11:00	1.836613	0.88	0.98
6/4/2010 11:15	1.811715	0.91	1.01
6/4/2010 11:30	1.785517	0.93	1.03
6/4/2010 11:45	1.76921	0.95	1.05
6/4/2010 12:00	1.750018	0.97	1.08
6/4/2010 12:15	1.735348	0.98	1.09
6/4/2010 12:30	1.711564	1.01	1.10
6/4/2010 12:45	1.685289	1.03	1.13
6/4/2010 13:00	1.670699	1.05	1.14
6/4/2010 13:15	1.659909	1.06	1.15
6/4/2010 13:30	1.658094	1.06	1.15
6/4/2010 13:45	1.660735	1.06	1.14
6/4/2010 14:00	1.6633	1.06	1.14
6/4/2010 14:15	1.670822	1.05	1.12
6/4/2010 14:30	1.681159	1.04	1.11
6/4/2010 14:45	1.698483	1.02	1.08
6/4/2010 15:00	1.715074	1.00	1.06
6/4/2010 15:15	1.733394	0.99	1.04
6/4/2010 15:30	1.760217	0.96	1.00
6/4/2010 15:45	1.784523	0.94	0.97
6/4/2010 16:00	1.807346	0.91	0.94
6/4/2010 16:15	1.828941	0.89	0.92
6/4/2010 16:30	1.857118	0.86	0.89
6/4/2010 16:45	1.888199	0.83	0.86
6/4/2010 17:00	1.914544	0.81	0.83
6/4/2010 17:15	1.938191	0.78	0.80
6/4/2010 17:30	1.9618	0.76	0.77
6/4/2010 17:45	1.990432	0.73	0.76
6/4/2010 18:00	2.022679	0.70	0.73
6/4/2010 18:15	2.057238	0.66	0.70
6/4/2010 18:30	2.090929	0.63	0.68
6/4/2010 18:45	2.110002	0.61	0.65
6/4/2010 19:00	2.137889	0.58	0.63
6/4/2010 19:15	2.150544	0.57	0.62
6/4/2010 19:30	2.17357	0.55	0.59
6/4/2010 19:45	2.201036	0.52	0.57
6/4/2010 20:00	2.219131	0.50	0.54
6/4/2010 20:15	2.246282	0.47	0.51
6/4/2010 20:30	2.255965	0.46	0.51
6/4/2010 20:45	2.253443	0.47	0.53
6/4/2010 21:00	2.231002	0.49	0.54
6/4/2010 21:15	2.204607	0.52	0.56
6/4/2010 21:30	2.180061	0.54	0.58
6/4/2010 21:45	2.156445	0.56	0.60
6/4/2010 22:00	2.135108	0.58	0.62
6/4/2010 22:15	2.106425	0.61	0.66
6/4/2010 22:30	2.072751	0.65	0.70
6/4/2010 22:45	2.032115	0.69	0.73
6/4/2010 23:00	1.987201	0.73	0.76

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/16/2010 20:01	2.031579	0.89	0.95
6/16/2010 20:16	2.050277	0.90	0.96
6/16/2010 20:31	2.078031	0.93	0.99
6/16/2010 20:46	2.105999	0.96	1.01
6/16/2010 21:01	2.132682	1.00	1.05
6/16/2010 21:16	2.159271	1.04	1.09
6/16/2010 21:31	2.179099	1.07	1.12
6/16/2010 21:46	2.2034	1.11	1.15
6/16/2010 22:01	2.231014	1.15	1.19
6/16/2010 22:16	2.259173	1.18	1.22
6/16/2010 22:31	2.289917	1.21	1.25
6/16/2010 22:46	2.31928	1.24	1.28
6/16/2010 23:01	2.344754	1.25	1.29
6/16/2010 23:16	2.367913	1.27	1.31
6/16/2010 23:31	2.393182	1.28	1.32
6/16/2010 23:46	2.415607	1.30	1.34
6/17/2010 0:01	2.440201	1.31	1.34
6/17/2010 0:16	2.461765	1.32	1.35
6/17/2010 0:31	2.479361	1.32	1.36
6/17/2010 0:46	2.496481	1.32	1.36
6/17/2010 1:01	2.508103	1.31	1.35
6/17/2010 1:16	2.512477	1.30	1.33
6/17/2010 1:31	2.51434	1.29	1.32
6/17/2010 1:46	2.507795	1.27	1.30
6/17/2010 2:01	2.494818	1.25	1.28
6/17/2010 2:16	2.476956	1.23	1.26
6/17/2010 2:31	2.455147	1.21	1.24
6/17/2010 2:46	2.425609	1.19	1.21
6/17/2010 3:01	2.393073	1.16	1.18
6/17/2010 3:16	2.357298	1.13	1.16
6/17/2010 3:31	2.314644	1.10	1.12
6/17/2010 3:46	2.268569	1.07	1.09
6/17/2010 4:01	2.223791	1.04	1.07
6/17/2010 4:16	2.178327	1.02	1.05
6/17/2010 4:31	2.131564	0.99	1.01
6/17/2010 4:46	2.084233	0.96	0.99
6/17/2010 5:01	2.03213	0.93	0.96
6/17/2010 5:16	1.980449	0.91	0.95
6/17/2010 5:31	1.934962	0.88	0.92
6/17/2010 5:46	1.890676	0.85	0.89
6/17/2010 6:01	1.854349	0.83	0.87
6/17/2010 6:16	1.815711	0.81	0.85
6/17/2010 6:31	1.779372	0.79	0.83
6/17/2010 6:46	1.746149	0.78	0.82
6/17/2010 7:01	1.712906	0.77	0.81
6/17/2010 7:16	1.683057	0.76	0.80
6/17/2010 7:31	1.656763	0.77	0.81
6/17/2010 7:46	1.664958	0.78	0.83
6/17/2010 8:01	1.657164	0.79	0.83
6/17/2010 8:16	1.650729	0.81	0.86
6/17/2010 8:31	1.649908	0.83	0.87
6/17/2010 8:46	1.657669	0.86	0.90
6/17/2010 9:01	1.66798	0.88	0.92
6/17/2010 9:16	1.681586	0.91	0.95
6/17/2010 9:31	1.700315	0.94	0.98
6/17/2010 9:46	1.718657	0.97	1.01
6/17/2010 10:01	1.741461	1.00	1.04
6/17/2010 10:16	1.763617	1.03	1.07
6/17/2010 10:31	1.78935	1.06	1.10
6/17/2010 10:46	1.820922	1.08	1.12
6/17/2010 11:01	1.854459	1.10	1.14
6/17/2010 11:16	1.883955	1.11	1.15
6/17/2010 11:31	1.912855	1.13	1.17
6/17/2010 11:46	1.941445	1.14	1.18
6/17/2010 12:01	1.970692	1.14	1.18
6/17/2010 12:16	1.999439	1.15	1.20
6/17/2010 12:31	2.026942	1.15	1.20
6/17/2010 12:46	2.06134	1.14	1.19
6/17/2010 13:01	2.092643	1.13	1.18

PZ01I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/4/2010 23:15	2.22601	0.79	0.82
6/4/2010 23:30	2.223706	0.80	0.83
6/4/2010 23:45	2.220604	0.80	0.82
6/5/2010 0:00	2.218096	0.80	0.82
6/5/2010 0:15	2.215918	0.80	0.82
6/5/2010 0:30	2.214427	0.81	0.81
6/5/2010 0:45	2.212057	0.81	0.81
6/5/2010 1:00	2.209426	0.81	0.81
6/5/2010 1:15	2.205072	0.81	0.82
6/5/2010 1:30	2.203261	0.82	0.83
6/5/2010 1:45	2.201038	0.82	0.84
6/5/2010 2:00	2.199615	0.82	0.83
6/5/2010 2:15	2.198151	0.82	0.82
6/5/2010 2:30	2.197582	0.82	0.82
6/5/2010 2:45	2.194839	0.83	0.82
6/5/2010 3:00	2.196209	0.82	0.79
6/5/2010 3:15	2.195878	0.82	0.79
6/5/2010 3:30	2.197615	0.82	0.79
6/5/2010 3:45	2.196022	0.82	0.80
6/5/2010 4:00	2.197142	0.82	0.81
6/5/2010 4:15	2.197298	0.82	0.80
6/5/2010 4:30	2.19892	0.82	0.80
6/5/2010 4:45	2.200059	0.82	0.80
6/5/2010 5:00	2.199131	0.82	0.80
6/5/2010 5:15	2.200438	0.82	0.81
6/5/2010 5:30	2.202468	0.82	0.81
6/5/2010 5:45	2.202596	0.82	0.80
6/5/2010 6:00	2.204509	0.82	0.80
6/5/2010 6:15	2.204833	0.82	0.82
6/5/2010 6:30	2.20513	0.81	0.81
6/5/2010 6:45	2.204279	0.82	0.82
6/5/2010 7:00	2.207657	0.81	0.82
6/5/2010 7:15	2.209645	0.81	0.81
6/5/2010 7:30	2.209626	0.81	0.81
6/5/2010 7:45	2.211516	0.81	0.82
6/5/2010 8:00	2.212815	0.81	0.81
6/5/2010 8:15	2.214152	0.81	0.82
6/5/2010 8:30	2.215067	0.80	0.81
6/5/2010 8:45	2.216596	0.80	0.82
6/5/2010 9:00	2.21659	0.80	0.82
6/5/2010 9:15	2.216596	0.80	0.81
6/5/2010 9:30	2.219025	0.80	0.81
6/5/2010 9:45	2.219891	0.80	0.81
6/5/2010 10:00	2.220508	0.80	0.80
6/5/2010 10:15	2.219351	0.80	0.80
6/5/2010 10:30	2.215631	0.80	0.81
6/5/2010 10:45	2.214639	0.81	0.81
6/5/2010 11:00	2.214962	0.81	0.82
6/5/2010 11:15	2.214755	0.81	0.82
6/5/2010 11:30	2.213946	0.81	0.82
6/5/2010 11:45	2.214234	0.81	0.82
6/5/2010 12:00	2.213503	0.81	0.81
6/5/2010 12:15	2.213062	0.81	0.80
6/5/2010 12:30	2.212105	0.81	0.80
6/5/2010 12:45	2.210318	0.81	0.80
6/5/2010 13:00	2.209705	0.81	0.81
6/5/2010 13:15	2.209266	0.81	0.80
6/5/2010 13:30	2.208789	0.81	0.81
6/5/2010 13:45	2.208884	0.81	0.80
6/5/2010 14:00	2.205715	0.81	0.80
6/5/2010 14:15	2.206522	0.81	0.80
6/5/2010 14:30	2.206455	0.81	0.80
6/5/2010 14:45	2.208036	0.81	0.79
6/5/2010 15:00	2.209311	0.81	0.79
6/5/2010 15:15	2.211303	0.81	0.79
6/5/2010 15:30	2.213204	0.81	0.78
6/5/2010 15:45	2.21493	0.81	0.78
6/5/2010 16:00	2.214879	0.81	0.78
6/5/2010 16:15	2.21646	0.80	0.78

PZ01D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/4/2010 23:15	1.941974	0.78	0.81
6/4/2010 23:30	1.894227	0.83	0.86
6/4/2010 23:45	1.858485	0.86	0.88
6/5/2010 0:00	1.820486	0.90	0.92
6/5/2010 0:15	1.785681	0.93	0.95
6/5/2010 0:30	1.751342	0.97	0.97
6/5/2010 0:45	1.714674	1.01	1.01
6/5/2010 1:00	1.678339	1.04	1.04
6/5/2010 1:15	1.642384	1.08	1.09
6/5/2010 1:30	1.609064	1.11	1.12
6/5/2010 1:45	1.580207	1.14	1.16
6/5/2010 2:00	1.559811	1.16	1.17
6/5/2010 2:15	1.541636	1.18	1.18
6/5/2010 2:30	1.531751	1.19	1.19
6/5/2010 2:45	1.51413	1.21	1.20
6/5/2010 3:00	1.507585	1.21	1.18
6/5/2010 3:15	1.507401	1.21	1.18
6/5/2010 3:30	1.506708	1.21	1.18
6/5/2010 3:45	1.515029	1.20	1.18
6/5/2010 4:00	1.523374	1.20	1.19
6/5/2010 4:15	1.535164	1.18	1.16
6/5/2010 4:30	1.551116	1.17	1.15
6/5/2010 4:45	1.56866	1.15	1.13
6/5/2010 5:00	1.580548	1.14	1.12
6/5/2010 5:15	1.595592	1.12	1.11
6/5/2010 5:30	1.619007	1.10	1.09
6/5/2010 5:45	1.638572	1.08	1.06
6/5/2010 6:00	1.66157	1.06	1.04
6/5/2010 6:15	1.687585	1.03	1.03
6/5/2010 6:30	1.70551	1.01	1.01
6/5/2010 6:45	1.726304	0.99	0.99
6/5/2010 7:00	1.746459	0.97	0.98
6/5/2010 7:15	1.765025	0.95	0.95
6/5/2010 7:30	1.784705	0.94	0.94
6/5/2010 7:45	1.801361	0.92	0.93
6/5/2010 8:00	1.816554	0.90	0.90
6/5/2010 8:15	1.837214	0.88	0.89
6/5/2010 8:30	1.852273	0.87	0.88
6/5/2010 8:45	1.862101	0.86	0.88
6/5/2010 9:00	1.868504	0.85	0.87
6/5/2010 9:15	1.872239	0.85	0.86
6/5/2010 9:30	1.874362	0.85	0.86
6/5/2010 9:45	1.875422	0.84	0.85
6/5/2010 10:00	1.871058	0.85	0.85
6/5/2010 10:15	1.858273	0.86	0.86
6/5/2010 10:30	1.836442	0.88	0.89
6/5/2010 10:45	1.815549	0.90	0.90
6/5/2010 11:00	1.795848	0.92	0.93
6/5/2010 11:15	1.783213	0.94	0.95
6/5/2010 11:30	1.767242	0.95	0.96
6/5/2010 11:45	1.750974	0.97	0.98
6/5/2010 12:00	1.730374	0.99	0.99
6/5/2010 12:15	1.704299	1.02	1.01
6/5/2010 12:30	1.676653	1.04	1.03
6/5/2010 12:45	1.654704	1.07	1.06
6/5/2010 13:00	1.640858	1.08	1.08
6/5/2010 13:15	1.638368	1.08	1.07
6/5/2010 13:30	1.631049	1.09	1.09
6/5/2010 13:45	1.626884	1.09	1.08
6/5/2010 14:00	1.622817	1.10	1.09
6/5/2010 14:15	1.626191	1.09	1.08
6/5/2010 14:30	1.627464	1.09	1.08
6/5/2010 14:45	1.631536	1.09	1.07
6/5/2010 15:00	1.643835	1.08	1.06
6/5/2010 15:15	1.652742	1.07	1.05
6/5/2010 15:30	1.675701	1.04	1.01
6/5/2010 15:45	1.697504	1.02	0.99
6/5/2010 16:00	1.718805	1.00	0.97
6/5/2010 16:15	1.746842	0.97	0.95

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/17/2010 13:16	2.120428	1.12	1.17
6/17/2010 13:31	2.14753	1.11	1.16
6/17/2010 13:46	2.174784	1.10	1.15
6/17/2010 14:01	2.688198	1.07	1.12
6/17/2010 14:16		1.05	1.10
6/17/2010 14:31		1.03	1.08
6/17/2010 14:46		1.00	1.05
6/17/2010 15:01		0.97	1.02
6/17/2010 15:16		0.94	0.99
6/17/2010 15:31		0.91	0.96
6/17/2010 15:46		0.88	0.93
6/17/2010 16:01		0.84	0.89
6/17/2010 16:16		0.80	0.85
6/17/2010 16:31		0.76	0.81
6/17/2010 16:46		0.72	0.77
6/17/2010 17:01		0.68	0.73
6/17/2010 17:16		0.63	0.69
6/17/2010 17:31		0.59	0.65
6/17/2010 17:46		0.55	0.61
6/17/2010 18:01		0.50	0.56
6/17/2010 18:16		0.47	0.54
6/17/2010 18:31		0.43	0.51
6/17/2010 18:46		0.39	0.47
6/17/2010 19:01		0.36	0.44
6/17/2010 19:16		0.34	0.42
6/17/2010 19:31		0.32	0.41
6/17/2010 19:46		0.30	0.39
6/17/2010 20:01		0.30	0.39
6/17/2010 20:16		0.29	0.38
6/17/2010 20:31		0.30	0.39
6/17/2010 20:46		0.32	0.42
6/17/2010 21:01		0.34	0.44
6/17/2010 21:16		0.36	0.46
6/17/2010 21:31		0.39	0.50
6/17/2010 21:46		0.42	0.53
6/17/2010 22:01		0.45	0.57
6/17/2010 22:16		0.49	0.62
6/17/2010 22:31		0.52	0.65
6/17/2010 22:46		0.56	0.70
6/17/2010 23:01		0.60	0.74
6/17/2010 23:16		0.64	0.78
6/17/2010 23:31		0.66	0.81
6/17/2010 23:46		0.67	0.82
6/18/2010 0:01		0.68	0.83
6/18/2010 0:16		0.68	0.83
6/18/2010 0:31		0.69	0.84
6/18/2010 0:46		0.70	0.85
6/18/2010 1:01		0.71	0.86
6/18/2010 1:16		0.72	0.87
6/18/2010 1:31		0.73	0.88
6/18/2010 1:46		0.72	0.86
6/18/2010 2:01		0.71	0.86
6/18/2010 2:16		0.69	0.84
6/18/2010 2:31		0.68	0.83
6/18/2010 2:46		0.66	0.81
6/18/2010 3:01		0.64	0.79
6/18/2010 3:16		0.62	0.77
6/18/2010 3:31		0.60	0.75
6/18/2010 3:46		0.58	0.73
6/18/2010 4:01		0.55	0.70
6/18/2010 4:16		0.52	0.67
6/18/2010 4:31		0.50	0.65
6/18/2010 4:46		0.47	0.62
6/18/2010 5:01		0.44	0.59
6/18/2010 5:16		0.41	0.57
6/18/2010 5:31		0.39	0.55
6/18/2010 5:46		0.37	0.53
6/18/2010 6:01		0.34	0.50
6/18/2010 6:16		0.32	0.49

PZ01I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/5/2010 16:30	2.217886	0.80	0.77
6/5/2010 16:45	2.22103	0.80	0.77
6/5/2010 17:00	2.221814	0.80	0.77
6/5/2010 17:15	2.224794	0.80	0.76
6/5/2010 17:30	2.227833	0.79	0.74
6/5/2010 17:45	2.229	0.79	0.74
6/5/2010 18:00	2.229505	0.79	0.75
6/5/2010 18:15	2.231625	0.79	0.75
6/5/2010 18:30	2.231777	0.79	0.75
6/5/2010 18:45	2.232833	0.79	0.75
6/5/2010 19:00	2.234792	0.79	0.76
6/5/2010 19:15	2.238586	0.78	0.74
6/5/2010 19:30	2.23891	0.78	0.75
6/5/2010 19:45	2.242668	0.78	0.75
6/5/2010 20:00	2.242642	0.78	0.75
6/5/2010 20:15	2.24348	0.78	0.76
6/5/2010 20:30	2.243192	0.78	0.75
6/5/2010 20:45	2.244884	0.78	0.75
6/5/2010 21:00	2.245699	0.77	0.75
6/5/2010 21:15	2.249084	0.77	0.74
6/5/2010 21:30	2.247072	0.77	0.74
6/5/2010 21:45	2.247784	0.77	0.74
6/5/2010 22:00	2.24452	0.78	0.75
6/5/2010 22:15	2.241081	0.78	0.75
6/5/2010 22:30	2.239554	0.78	0.75
6/5/2010 22:45	2.237974	0.78	0.75
6/5/2010 23:00	2.237267	0.78	0.75
6/5/2010 23:15	2.234878	0.79	0.75
6/5/2010 23:30	2.231776	0.79	0.75
6/5/2010 23:45	2.231232	0.79	0.75
6/6/2010 0:00	2.228642	0.79	0.74
6/6/2010 0:15	2.223203	0.80	0.74
6/6/2010 0:30	2.222679	0.80	0.73
6/6/2010 0:45	2.219496	0.80	0.73
6/6/2010 1:00	2.215696	0.80	0.72
6/6/2010 1:15	2.215631	0.80	0.71
6/6/2010 1:30	2.21395	0.81	0.72
6/6/2010 1:45	2.209642	0.81	0.71
6/6/2010 2:00	2.208539	0.81	0.70
6/6/2010 2:15	2.207214	0.81	0.69
6/6/2010 2:30	2.205618	0.81	0.68
6/6/2010 2:45	2.203744	0.82	0.68
6/6/2010 3:00	2.201961	0.82	0.68
6/6/2010 3:15	2.204598	0.82	0.67
6/6/2010 3:30	2.201428	0.82	0.68
6/6/2010 3:45	2.19702	0.82	0.69
6/6/2010 4:00	2.199473	0.82	0.69
6/6/2010 4:15	2.199708	0.82	0.69
6/6/2010 4:30	2.198868	0.82	0.70
6/6/2010 4:45	2.202278	0.82	0.69
6/6/2010 5:00	2.202336	0.82	0.68
6/6/2010 5:15	2.202832	0.82	0.68
6/6/2010 5:30	2.20524	0.81	0.66
6/6/2010 5:45	2.206032	0.81	0.66
6/6/2010 6:00	2.206882	0.81	0.66
6/6/2010 6:15	2.208065	0.81	0.66
6/6/2010 6:30	2.210566	0.81	0.66
6/6/2010 6:45	2.211039	0.81	0.65
6/6/2010 7:00	2.211725	0.81	0.65
6/6/2010 7:15	2.215329	0.80	0.63
6/6/2010 7:30	2.21995	0.80	0.63
6/6/2010 7:45	2.221939	0.80	0.62
6/6/2010 8:00	2.224178	0.80	0.64
6/6/2010 8:15	2.225079	0.79	0.61
6/6/2010 8:30	2.228182	0.79	0.61
6/6/2010 8:45	2.229127	0.79	0.59
6/6/2010 9:00	2.231034	0.79	0.59
6/6/2010 9:15	2.233935	0.79	0.58
6/6/2010 9:30	2.238085	0.78	0.55

PZ01D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/5/2010 16:30	1.764918	0.96	0.93
6/5/2010 16:45	1.793537	0.93	0.90
6/5/2010 17:00	1.816661	0.90	0.87
6/5/2010 17:15	1.840554	0.88	0.84
6/5/2010 17:30	1.869663	0.85	0.80
6/5/2010 17:45	1.889066	0.83	0.78
6/5/2010 18:00	1.911487	0.81	0.77
6/5/2010 18:15	1.944877	0.78	0.74
6/5/2010 18:30	1.971544	0.75	0.71
6/5/2010 18:45	2.001479	0.72	0.68
6/5/2010 19:00	2.033076	0.69	0.66
6/5/2010 19:15	2.060831	0.66	0.62
6/5/2010 19:30	2.091765	0.63	0.60
6/5/2010 19:45	2.122305	0.60	0.57
6/5/2010 20:00	2.150431	0.57	0.54
6/5/2010 20:15	2.169641	0.55	0.53
6/5/2010 20:30	2.185765	0.53	0.50
6/5/2010 20:45	2.202185	0.52	0.49
6/5/2010 21:00	2.217586	0.50	0.48
6/5/2010 21:15	2.221074	0.50	0.47
6/5/2010 21:30	2.222746	0.50	0.47
6/5/2010 21:45	2.21866	0.50	0.47
6/5/2010 22:00	2.207267	0.51	0.48
6/5/2010 22:15	2.190017	0.53	0.50
6/5/2010 22:30	2.16803	0.55	0.52
6/5/2010 22:45	2.140401	0.58	0.55
6/5/2010 23:00	2.107257	0.61	0.58
6/5/2010 23:15	2.077039	0.64	0.60
6/5/2010 23:30	2.044134	0.68	0.64
6/5/2010 23:45	2.007664	0.71	0.67
6/6/2010 0:00	1.970402	0.75	0.70
6/6/2010 0:15	1.936945	0.78	0.72
6/6/2010 0:30	1.902087	0.82	0.75
6/6/2010 0:45	1.860194	0.86	0.79
6/6/2010 1:00	1.82597	0.89	0.81
6/6/2010 1:15	1.78267	0.94	0.85
6/6/2010 1:30	1.738703	0.98	0.88
6/6/2010 1:45	1.702767	1.02	0.91
6/6/2010 2:00	1.669359	1.05	0.93
6/6/2010 2:15	1.645556	1.07	0.94
6/6/2010 2:30	1.624373	1.10	0.96
6/6/2010 2:45	1.605618	1.11	0.96
6/6/2010 3:00	1.585664	1.13	0.98
6/6/2010 3:15	1.568993	1.15	0.99
6/6/2010 3:30	1.557647	1.16	1.01
6/6/2010 3:45	1.552644	1.17	1.03
6/6/2010 4:00	1.553756	1.17	1.03
6/6/2010 4:15	1.563978	1.16	1.02
6/6/2010 4:30	1.578825	1.14	1.01
6/6/2010 4:45	1.593372	1.13	0.99
6/6/2010 5:00	1.611765	1.11	0.96
6/6/2010 5:15	1.617147	1.10	0.95
6/6/2010 5:30	1.629089	1.09	0.93
6/6/2010 5:45	1.64419	1.08	0.92
6/6/2010 6:00	1.667654	1.05	0.89
6/6/2010 6:15	1.692929	1.03	0.87
6/6/2010 6:30	1.720245	1.00	0.84
6/6/2010 6:45	1.742843	0.98	0.82
6/6/2010 7:00	1.759737	0.96	0.80
6/6/2010 7:15	1.79011	0.93	0.76
6/6/2010 7:30	1.814549	0.91	0.74
6/6/2010 7:45	1.84197	0.88	0.70
6/6/2010 8:00	1.867635	0.85	0.69
6/6/2010 8:15	1.892644	0.83	0.65
6/6/2010 8:30	1.913359	0.81	0.63
6/6/2010 8:45	1.934527	0.79	0.59
6/6/2010 9:00	1.949531	0.77	0.57
6/6/2010 9:15	1.964453	0.76	0.55
6/6/2010 9:30	1.976242	0.74	0.51

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/18/2010 6:31		0.30	0.47
6/18/2010 6:46		0.29	0.46
6/18/2010 7:01		0.27	0.44
6/18/2010 7:16		0.26	0.44
6/18/2010 7:31		0.25	0.43
6/18/2010 7:46		0.24	0.42
6/18/2010 8:01		0.24	0.42
6/18/2010 8:16		0.26	0.44
6/18/2010 8:31		0.26	0.44
6/18/2010 8:46		0.29	0.47
6/18/2010 9:01		0.31	0.49
6/18/2010 9:16		0.33	0.51
6/18/2010 9:31		0.37	0.55
6/18/2010 9:46		0.40	0.58
6/18/2010 10:01		0.44	0.61
6/18/2010 10:16		0.48	0.66
6/18/2010 10:31		0.52	0.69
6/18/2010 10:46		0.56	0.73
6/18/2010 11:01		0.59	0.76
6/18/2010 11:16		0.64	0.81
6/18/2010 11:31		0.67	0.84
6/18/2010 11:46		0.71	0.88
6/18/2010 12:01		0.74	0.91
6/18/2010 12:16		0.77	0.94
6/18/2010 12:31		0.80	0.97
6/18/2010 12:46		0.82	0.99
6/18/2010 13:01		0.84	1.01
6/18/2010 13:16		0.86	1.03
6/18/2010 13:31		0.87	1.04
6/18/2010 13:46		0.88	1.05
6/18/2010 14:01		0.89	1.05
6/18/2010 14:16		0.89	1.05
6/18/2010 14:31		0.89	1.05
6/18/2010 14:46		0.88	1.04
6/18/2010 15:01		0.88	1.04
6/18/2010 15:16		0.87	1.03
6/18/2010 15:31		0.85	1.01
6/18/2010 15:46		0.84	0.99
6/18/2010 16:01		0.82	0.97
6/18/2010 16:16		0.79	0.94
6/18/2010 16:31		0.77	0.92
6/18/2010 16:46		0.75	0.90
6/18/2010 17:01		0.73	0.88
6/18/2010 17:16		0.70	0.84
6/18/2010 17:31		0.68	0.82
6/18/2010 17:46		0.65	0.79
6/18/2010 18:01		0.63	0.77
6/18/2010 18:16		0.61	0.75
6/18/2010 18:31		0.59	0.73
6/18/2010 18:46		0.57	0.71
6/18/2010 19:01		0.54	0.68
6/18/2010 19:16		0.52	0.66
6/18/2010 19:31		0.51	0.65
6/18/2010 19:46		0.49	0.63
6/18/2010 20:01		0.48	0.62
6/18/2010 20:16		0.47	0.61
6/18/2010 20:31		0.47	0.61
6/18/2010 20:46		0.47	0.61
6/18/2010 21:01		0.49	0.64
6/18/2010 21:16		0.51	0.66
6/18/2010 21:31		0.53	0.68
6/18/2010 21:46		0.56	0.71
6/18/2010 22:01		0.59	0.74
6/18/2010 22:16		0.63	0.78
6/18/2010 22:31		0.67	0.82
6/18/2010 22:46		0.72	0.88
6/18/2010 23:01		0.76	0.92
6/18/2010 23:16		0.79	0.95
6/18/2010 23:31		0.83	0.99

PZ01I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/6/2010 9:45	2.237473	0.78	0.55
6/6/2010 10:00	2.241489	0.78	0.54
6/6/2010 10:15	2.240906	0.78	0.53
6/6/2010 10:30	2.241347	0.78	0.52
6/6/2010 10:45	2.238449	0.78	0.52
6/6/2010 11:00	2.238862	0.78	0.52
6/6/2010 11:15	2.239407	0.78	0.52
6/6/2010 11:30	2.2419	0.78	0.52
6/6/2010 11:45	2.240672	0.78	0.51
6/6/2010 12:00	2.239833	0.78	0.51
6/6/2010 12:15	2.239394	0.78	0.50
6/6/2010 12:30	2.237376	0.78	0.49
6/6/2010 12:45	2.236843	0.78	0.48
6/6/2010 13:00	2.235059	0.78	0.48
6/6/2010 13:15	2.232141	0.79	0.49
6/6/2010 13:30	2.231741	0.79	0.50
6/6/2010 13:45	2.229855	0.79	0.50
6/6/2010 14:00	2.226477	0.79	0.50
6/6/2010 14:15	2.226779	0.79	0.49
6/6/2010 14:30	2.223429	0.80	0.51
6/6/2010 14:45	2.222347	0.80	0.51
6/6/2010 15:00	2.219621	0.80	0.52
6/6/2010 15:15	2.220187	0.80	0.52
6/6/2010 15:30	2.219076	0.80	0.52
6/6/2010 15:45	2.222995	0.80	0.52
6/6/2010 16:00	2.221923	0.80	0.52
6/6/2010 16:15	2.221558	0.80	0.52
6/6/2010 16:30	2.22069	0.80	0.52
6/6/2010 16:45	2.222251	0.80	0.52
6/6/2010 17:00	2.222584	0.80	0.53
6/6/2010 17:15	2.222942	0.80	0.54
6/6/2010 17:30	2.228533	0.79	0.53
6/6/2010 17:45	2.228091	0.79	0.53
6/6/2010 18:00	2.229901	0.79	0.53
6/6/2010 18:15	2.231476	0.79	0.53
6/6/2010 18:30	2.230577	0.79	0.54
6/6/2010 18:45	2.230863	0.79	0.56
6/6/2010 19:00	2.232693	0.79	0.57
6/6/2010 19:15	2.234854	0.79	0.58
6/6/2010 19:30	2.239047	0.78	0.58
6/6/2010 19:45	2.238968	0.78	0.60
6/6/2010 20:00	2.241193	0.78	0.60
6/6/2010 20:15	2.241481	0.78	0.62
6/6/2010 20:30	2.24102	0.78	0.62
6/6/2010 20:45	2.241211	0.78	0.64
6/6/2010 21:00	2.241856	0.78	0.65
6/6/2010 21:15	2.24444	0.78	0.66
6/6/2010 21:30	2.245575	0.77	0.66
6/6/2010 21:45	2.247168	0.77	0.68
6/6/2010 22:00	2.246808	0.77	0.68
6/6/2010 22:15	2.246348	0.77	0.69
6/6/2010 22:30	2.242802	0.78	0.72
6/6/2010 22:45	2.240795	0.78	0.73
6/6/2010 23:00	2.239362	0.78	0.73
6/6/2010 23:15	2.238324	0.78	0.74
6/6/2010 23:30	2.238516	0.78	0.74
6/6/2010 23:45	2.237691	0.78	0.74
6/7/2010 0:00	2.236415	0.78	0.75
6/7/2010 0:15	2.236146	0.78	0.74
6/7/2010 0:30	2.232326	0.79	0.76
6/7/2010 0:45	2.228859	0.79	0.77
6/7/2010 1:00	2.223827	0.80	0.78
6/7/2010 1:15	2.21995	0.80	0.78
6/7/2010 1:30	2.218045	0.80	0.79
6/7/2010 1:45	2.217049	0.80	0.79
6/7/2010 2:00	2.217396	0.80	0.80
6/7/2010 2:15	2.216259	0.80	0.79
6/7/2010 2:30	2.213627	0.81	0.81
6/7/2010 2:45	2.210993	0.81	0.82

PZ01D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/6/2010 9:45	1.985833	0.73	0.50
6/6/2010 10:00	1.999743	0.72	0.48
6/6/2010 10:15	2.001003	0.72	0.47
6/6/2010 10:30	1.992041	0.73	0.47
6/6/2010 10:45	1.974937	0.75	0.49
6/6/2010 11:00	1.953586	0.77	0.51
6/6/2010 11:15	1.93883	0.78	0.52
6/6/2010 11:30	1.931592	0.79	0.53
6/6/2010 11:45	1.930626	0.79	0.52
6/6/2010 12:00	1.910798	0.81	0.54
6/6/2010 12:15	1.881378	0.84	0.55
6/6/2010 12:30	1.854252	0.87	0.57
6/6/2010 12:45	1.820019	0.90	0.59
6/6/2010 13:00	1.80048	0.92	0.61
6/6/2010 13:15	1.780776	0.94	0.63
6/6/2010 13:30	1.758214	0.96	0.66
6/6/2010 13:45	1.7424	0.98	0.68
6/6/2010 14:00	1.71909	1.00	0.70
6/6/2010 14:15	1.699243	1.02	0.71
6/6/2010 14:30	1.68176	1.04	0.74
6/6/2010 14:45	1.671391	1.05	0.75
6/6/2010 15:00	1.665551	1.05	0.77
6/6/2010 15:15	1.656121	1.06	0.78
6/6/2010 15:30	1.674218	1.05	0.77
6/6/2010 15:45	1.694272	1.03	0.75
6/6/2010 16:00	1.70411	1.02	0.74
6/6/2010 16:15	1.697086	1.02	0.74
6/6/2010 16:30	1.695768	1.02	0.74
6/6/2010 16:45	1.713845	1.01	0.72
6/6/2010 17:00	1.730296	0.99	0.72
6/6/2010 17:15	1.763901	0.96	0.70
6/6/2010 17:30	1.815942	0.90	0.64
6/6/2010 17:45	1.833312	0.89	0.63
6/6/2010 18:00	1.859917	0.86	0.60
6/6/2010 18:15	1.880069	0.84	0.58
6/6/2010 18:30	1.883261	0.84	0.59
6/6/2010 18:45	1.908225	0.81	0.58
6/6/2010 19:00	1.942332	0.78	0.56
6/6/2010 19:15	1.995716	0.72	0.51
6/6/2010 19:30	2.05089	0.67	0.47
6/6/2010 19:45	2.074237	0.65	0.47
6/6/2010 20:00	2.112402	0.61	0.43
6/6/2010 20:15	2.146644	0.57	0.41
6/6/2010 20:30	2.157449	0.56	0.40
6/6/2010 20:45	2.186548	0.53	0.38
6/6/2010 21:00	2.212339	0.51	0.37
6/6/2010 21:15	2.232206	0.49	0.36
6/6/2010 21:30	2.277962	0.44	0.32
6/6/2010 21:45	2.329144	0.39	0.29
6/6/2010 22:00	2.350921	0.37	0.28
6/6/2010 22:15	2.359099	0.36	0.28
6/6/2010 22:30	2.353453	0.37	0.31
6/6/2010 22:45	2.335797	0.38	0.33
6/6/2010 23:00	2.328633	0.39	0.34
6/6/2010 23:15	2.320481	0.40	0.36
6/6/2010 23:30	2.322578	0.40	0.36
6/6/2010 23:45	2.32198	0.40	0.36
6/7/2010 0:00	2.314654	0.41	0.38
6/7/2010 0:15	2.31552	0.40	0.36
6/7/2010 0:30	2.288362	0.43	0.40
6/7/2010 0:45	2.236434	0.48	0.46
6/7/2010 1:00	2.19027	0.53	0.51
6/7/2010 1:15	2.145347	0.57	0.55
6/7/2010 1:30	2.113476	0.61	0.60
6/7/2010 1:45	2.11052	0.61	0.60
6/7/2010 2:00	2.109847	0.61	0.61
6/7/2010 2:15	2.103597	0.62	0.61
6/7/2010 2:30	2.086223	0.63	0.63
6/7/2010 2:45	2.060945	0.66	0.67

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/18/2010 23:46		0.87	1.03
6/19/2010 0:01		0.91	1.07
6/19/2010 0:16		0.94	1.10
6/19/2010 0:31		0.98	1.14
6/19/2010 0:46		1.02	1.18
6/19/2010 1:01		1.04	1.20
6/19/2010 1:16		1.07	1.23
6/19/2010 1:31		1.09	1.25
6/19/2010 1:46		1.10	1.26
6/19/2010 2:01		1.12	1.27
6/19/2010 2:16		1.13	1.29
6/19/2010 2:31		1.14	1.30
6/19/2010 2:46		1.15	1.31
6/19/2010 3:01		1.14	1.30
6/19/2010 3:16		1.14	1.30
6/19/2010 3:31		1.13	1.29
6/19/2010 3:46		1.12	1.28
6/19/2010 4:01		1.11	1.27
6/19/2010 4:16		1.09	1.25
6/19/2010 4:31		1.07	1.23
6/19/2010 4:46		1.06	1.22
6/19/2010 5:01		1.04	1.20
6/19/2010 5:16		1.02	1.18
6/19/2010 5:31		1.00	1.16
6/19/2010 5:46		0.98	1.14
6/19/2010 6:01		0.96	1.13
6/19/2010 6:16		0.93	1.09
6/19/2010 6:31		0.91	1.08
6/19/2010 6:46		0.89	1.06
6/19/2010 7:01		0.87	1.04
6/19/2010 7:16		0.86	1.02
6/19/2010 7:31		0.84	1.00
6/19/2010 7:46		0.82	0.98
6/19/2010 8:01		0.81	0.97
6/19/2010 8:16		0.80	0.96
6/19/2010 8:31		0.80	0.96
6/19/2010 8:46		0.79	0.95
6/19/2010 9:01		0.79	0.95
6/19/2010 9:16		0.80	0.96
6/19/2010 9:31		0.82	0.98
6/19/2010 9:46		0.83	0.99
6/19/2010 10:01		0.84	0.99
6/19/2010 10:16		0.87	1.02
6/19/2010 10:31		0.89	1.04
6/19/2010 10:46		0.92	1.07
6/19/2010 11:01		0.96	1.11
6/19/2010 11:16		1.00	1.15
6/19/2010 11:31		1.02	1.16
6/19/2010 11:46		1.05	1.20
6/19/2010 12:01		1.09	1.23
6/19/2010 12:16		1.11	1.25
6/19/2010 12:31		1.14	1.28
6/19/2010 12:46		1.17	1.31
6/19/2010 13:01		1.19	1.33
6/19/2010 13:16		1.22	1.36
6/19/2010 13:31		1.24	1.37
6/19/2010 13:46		1.26	1.39
6/19/2010 14:01		1.26	1.38
6/19/2010 14:16		1.27	1.39
6/19/2010 14:31		1.27	1.38
6/19/2010 14:46		1.27	1.38
6/19/2010 15:01		1.27	1.38
6/19/2010 15:16		1.27	1.37
6/19/2010 15:31		1.27	1.37
6/19/2010 15:46		1.26	1.35
6/19/2010 16:01		1.25	1.34
6/19/2010 16:16		1.23	1.32
6/19/2010 16:31		1.21	1.30
6/19/2010 16:46		1.19	1.28

PZ01I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/7/2010 3:00	2.209067	0.81	0.83
6/7/2010 3:15	2.208425	0.81	0.83
6/7/2010 3:30	2.208756	0.81	0.83
6/7/2010 3:45	2.208149	0.81	0.84
6/7/2010 4:00	2.208613	0.81	0.85
6/7/2010 4:15	2.207963	0.81	0.85
6/7/2010 4:30	2.208093	0.81	0.85
6/7/2010 4:45	2.206805	0.81	0.86
6/7/2010 5:00	2.207524	0.81	0.86
6/7/2010 5:15	2.207558	0.81	0.88
6/7/2010 5:30	2.209857	0.81	0.88
6/7/2010 5:45	2.20943	0.81	0.89
6/7/2010 6:00	2.210521	0.81	0.88
6/7/2010 6:15	2.21109	0.81	0.89
6/7/2010 6:30	2.211927	0.81	0.89
6/7/2010 6:45	2.214323	0.81	0.91
6/7/2010 7:00	2.214716	0.81	0.91
6/7/2010 7:15	2.218787	0.80	0.90
6/7/2010 7:30	2.21973	0.80	0.90
6/7/2010 7:45	2.222599	0.80	0.91
6/7/2010 8:00	2.223529	0.80	0.92
6/7/2010 8:15	2.226021	0.79	0.91
6/7/2010 8:30	2.228308	0.79	0.92
6/7/2010 8:45	2.229821	0.79	0.93
6/7/2010 9:00	2.232833	0.79	0.94
6/7/2010 9:15	2.236541	0.78	0.93
6/7/2010 9:30	2.241696	0.78	0.92
6/7/2010 9:45	2.244139	0.78	0.93
6/7/2010 10:00	2.247435	0.77	0.91
6/7/2010 10:15	2.24955	0.77	0.91
6/7/2010 10:30	2.250919	0.77	0.91
6/7/2010 10:45	2.252858	0.77	0.90
6/7/2010 11:00	2.254007	0.77	0.90
6/7/2010 11:15	2.254457	0.77	0.90
6/7/2010 11:30	2.255843	0.76	0.90
6/7/2010 11:45	2.257133	0.76	0.89
6/7/2010 12:00	2.256724	0.76	0.90
6/7/2010 12:15	2.2572	0.76	0.90
6/7/2010 12:30	2.255828	0.76	0.90
6/7/2010 12:45	2.255196	0.76	0.89
6/7/2010 13:00	2.254972	0.77	0.90
6/7/2010 13:15	2.255712	0.76	0.89
6/7/2010 13:30	2.348104	0.67	0.80
6/7/2010 13:45	2.461893	0.56	0.69
6/7/2010 14:00	2.491189	0.53	0.66
6/7/2010 14:15	2.49293	0.53	0.66
6/7/2010 14:30	2.500845	0.52	0.65
6/7/2010 14:45	2.507955	0.51	0.64
6/7/2010 15:00	2.63258	0.39	0.52
6/7/2010 15:15	2.656104	0.36	0.50
6/7/2010 15:30	2.655397	0.36	0.49
6/7/2010 15:45	2.655254	0.36	0.51
6/7/2010 16:00	2.654295	0.37	0.51
6/7/2010 16:15	2.655098	0.36	0.51
6/7/2010 16:30	2.655033	0.36	0.50
6/7/2010 16:45	2.65519	0.36	0.50
6/7/2010 17:00	2.656818	0.36	0.51
6/7/2010 17:15	2.657181	0.36	0.51
6/7/2010 17:30	2.657605	0.36	0.52
6/7/2010 17:45	2.658218	0.36	0.50
6/7/2010 18:00	2.657134	0.36	0.51
6/7/2010 18:15	2.654845	0.37	0.52
6/7/2010 18:30	2.655052	0.36	0.51
6/7/2010 18:45	2.655063	0.36	0.52
6/7/2010 19:00	2.656516	0.36	0.52
6/7/2010 19:15	2.65582	0.36	0.53
6/7/2010 19:30	2.655077	0.36	0.53
6/7/2010 19:45	2.655067	0.36	0.53
6/7/2010 20:00	2.654766	0.37	0.55

PZ01D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/7/2010 3:00	2.053245	0.67	0.69
6/7/2010 3:15	2.039853	0.68	0.70
6/7/2010 3:30	2.042113	0.68	0.70
6/7/2010 3:45	2.062336	0.66	0.69
6/7/2010 4:00	2.063256	0.66	0.70
6/7/2010 4:15	2.071015	0.65	0.69
6/7/2010 4:30	2.077212	0.64	0.68
6/7/2010 4:45	2.076039	0.64	0.69
6/7/2010 5:00	2.09082	0.63	0.68
6/7/2010 5:15	2.11432	0.61	0.68
6/7/2010 5:30	2.138286	0.58	0.65
6/7/2010 5:45	2.159836	0.56	0.64
6/7/2010 6:00	2.177981	0.54	0.61
6/7/2010 6:15	2.193325	0.53	0.61
6/7/2010 6:30	2.217081	0.50	0.58
6/7/2010 6:45	2.252117	0.47	0.57
6/7/2010 7:00	2.287033	0.43	0.53
6/7/2010 7:15	2.325042	0.39	0.50
6/7/2010 7:30	2.361503	0.36	0.47
6/7/2010 7:45	2.397892	0.32	0.44
6/7/2010 8:00	2.428987	0.29	0.42
6/7/2010 8:15	2.456236	0.26	0.39
6/7/2010 8:30	2.487875	0.23	0.37
6/7/2010 8:45	2.523766	0.20	0.35
6/7/2010 9:00	2.565217	0.15	0.31
6/7/2010 9:15	2.607312	0.11	0.27
6/7/2010 9:30	2.642258	0.08	0.23
6/7/2010 9:45	2.672977	0.05	0.21
6/7/2010 10:00	2.695805	0.02	0.17
6/7/2010 10:15	2.707637	0.01	0.16
6/7/2010 10:30	2.723053	0.00	0.15
6/7/2010 10:45	2.737489	-0.02	0.12
6/7/2010 11:00	2.746145	-0.03	0.11
6/7/2010 11:15	2.75684	-0.04	0.10
6/7/2010 11:30	2.763037	-0.04	0.11
6/7/2010 11:45	2.764194	-0.04	0.10
6/7/2010 12:00	2.759388	-0.04	0.11
6/7/2010 12:15	2.747321	-0.03	0.12
6/7/2010 12:30	2.732659	-0.01	0.14
6/7/2010 12:45	2.715357	0.00	0.14
6/7/2010 13:00	2.694908	0.03	0.17
6/7/2010 13:15	2.668851	0.05	0.19
6/7/2010 13:30	2.647601	0.07	0.21
6/7/2010 13:45	2.625036	0.09	0.23
6/7/2010 14:00	2.609787	0.11	0.25
6/7/2010 14:15	2.595381	0.12	0.26
6/7/2010 14:30	2.58794	0.13	0.27
6/7/2010 14:45	2.5774	0.14	0.28
6/7/2010 15:00	2.56164	0.16	0.30
6/7/2010 15:15	2.553019	0.17	0.32
6/7/2010 15:30	2.542758	0.18	0.32
6/7/2010 15:45	2.534641	0.19	0.35
6/7/2010 16:00	2.536471	0.18	0.33
6/7/2010 16:15	2.539428	0.18	0.34
6/7/2010 16:30	2.544962	0.18	0.33
6/7/2010 16:45	2.555194	0.16	0.31
6/7/2010 17:00	2.562348	0.16	0.32
6/7/2010 17:15	2.577382	0.14	0.30
6/7/2010 17:30	2.582278	0.14	0.30
6/7/2010 17:45	2.58658	0.13	0.28
6/7/2010 18:00	2.589974	0.13	0.29
6/7/2010 18:15	2.586745	0.13	0.29
6/7/2010 18:30	2.589721	0.13	0.29
6/7/2010 18:45	2.60983	0.11	0.27
6/7/2010 19:00	2.626426	0.09	0.25
6/7/2010 19:15	2.637454	0.08	0.25
6/7/2010 19:30	2.649801	0.07	0.24
6/7/2010 19:45	2.663553	0.06	0.23
6/7/2010 20:00	2.670742	0.05	0.23

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/19/2010 17:01		1.17	1.26
6/19/2010 17:16		1.15	1.24
6/19/2010 17:31		1.13	1.21
6/19/2010 17:46		1.11	1.19
6/19/2010 18:01		1.09	1.17
6/19/2010 18:16		1.06	1.13
6/19/2010 18:31		1.04	1.12
6/19/2010 18:46		1.01	1.08
6/19/2010 19:01		0.98	1.05
6/19/2010 19:16		0.95	1.02
6/19/2010 19:31		0.92	0.99
6/19/2010 19:46		0.89	0.95
6/19/2010 20:01		0.86	0.94
6/19/2010 20:16		0.84	0.92
6/19/2010 20:31		0.82	0.89
6/19/2010 20:46		0.80	0.87
6/19/2010 21:01		0.79	0.86
6/19/2010 21:16		0.78	0.84
6/19/2010 21:31		0.78	0.85
6/19/2010 21:46		0.78	0.85
6/19/2010 22:01		0.80	0.87
6/19/2010 22:16		0.82	0.89
6/19/2010 22:31		0.86	0.93
6/19/2010 22:46		0.89	0.97
6/19/2010 23:01		0.93	1.00
6/19/2010 23:16		0.97	1.05
6/19/2010 23:31		1.01	1.08
6/19/2010 23:46		1.05	1.13
6/20/2010 0:01		1.09	1.16
6/20/2010 0:16		1.13	1.21
6/20/2010 0:31		1.17	1.24
6/20/2010 0:46		1.22	1.28
6/20/2010 1:01		1.26	1.32
6/20/2010 1:16		1.29	1.35
6/20/2010 1:31		1.33	1.39
6/20/2010 1:46		1.35	1.41
6/20/2010 2:01		1.39	1.45
6/20/2010 2:16		1.41	1.47
6/20/2010 2:31		1.44	1.49
6/20/2010 2:46		1.45	1.50
6/20/2010 3:01		1.46	1.51
6/20/2010 3:16		1.48	1.53
6/20/2010 3:31		1.48	1.52
6/20/2010 3:46		1.49	1.53
6/20/2010 4:01		1.49	1.53
6/20/2010 4:16		1.48	1.52
6/20/2010 4:31		1.48	1.53
6/20/2010 4:46		1.47	1.51
6/20/2010 5:01		1.46	1.51
6/20/2010 5:16		1.44	1.49
6/20/2010 5:31		1.42	1.47
6/20/2010 5:46		1.41	1.46
6/20/2010 6:01		1.39	1.44
6/20/2010 6:16		1.36	1.41
6/20/2010 6:31		1.34	1.39
6/20/2010 6:46		1.31	1.37
6/20/2010 7:01		1.28	1.34
6/20/2010 7:16		1.26	1.32
6/20/2010 7:31		1.23	1.29
6/20/2010 7:46		1.20	1.26
6/20/2010 8:01		1.16	1.22
6/20/2010 8:16		1.13	1.19
6/20/2010 8:31		1.10	1.17
6/20/2010 8:46		1.06	1.13
6/20/2010 9:01		1.04	1.11
6/20/2010 9:16		1.00	1.07
6/20/2010 9:31		0.98	1.04
6/20/2010 9:46		0.95	1.01
6/20/2010 10:01		0.93	0.99

PZ01I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/7/2010 20:15	2.654849	0.37	0.56
6/7/2010 20:30	2.654119	0.37	0.56
6/7/2010 20:45	2.652369	0.37	0.57
6/7/2010 21:00	2.650653	0.37	0.57
6/7/2010 21:15	2.649735	0.37	0.58
6/7/2010 21:30	2.648605	0.37	0.58
6/7/2010 21:45	2.645747	0.37	0.59
6/7/2010 22:00	2.644546	0.38	0.60
6/7/2010 22:15	2.641253	0.38	0.61
6/7/2010 22:30	2.640686	0.38	0.61
6/7/2010 22:45	2.637479	0.38	0.62
6/7/2010 23:00	2.634741	0.39	0.63
6/7/2010 23:15	2.630636	0.39	0.63
6/7/2010 23:30	2.628652	0.39	0.63
6/7/2010 23:45	2.623988	0.40	0.65
6/8/2010 0:00	2.621907	0.40	0.65
6/8/2010 0:15	2.618388	0.40	0.64
6/8/2010 0:30	2.616356	0.40	0.64
6/8/2010 0:45	2.611907	0.41	0.66
6/8/2010 1:00	2.607385	0.41	0.66
6/8/2010 1:15	2.60413	0.42	0.67
6/8/2010 1:30	2.601054	0.42	0.68
6/8/2010 1:45	2.596624	0.42	0.68
6/8/2010 2:00	2.592575	0.43	0.70
6/8/2010 2:15	2.588546	0.43	0.70
6/8/2010 2:30	2.585858	0.43	0.70
6/8/2010 2:45	2.582194	0.44	0.71
6/8/2010 3:00	2.578974	0.44	0.72
6/8/2010 3:15	2.575937	0.44	0.72
6/8/2010 3:30	2.573251	0.45	0.73
6/8/2010 3:45	2.570721	0.45	0.74
6/8/2010 4:00	2.568431	0.45	0.74
6/8/2010 4:15	2.566772	0.45	0.74
6/8/2010 4:30	2.564673	0.46	0.75
6/8/2010 4:45	2.563604	0.46	0.75
6/8/2010 5:00	2.562013	0.46	0.75
6/8/2010 5:15	2.560212	0.46	0.75
6/8/2010 5:30	2.560844	0.46	0.76
6/8/2010 5:45	2.559837	0.46	0.77
6/8/2010 6:00	2.558918	0.46	0.78
6/8/2010 6:15	2.559316	0.46	0.79
6/8/2010 6:30	2.560278	0.46	0.79
6/8/2010 6:45	2.561033	0.46	0.80
6/8/2010 7:00	2.56186	0.46	0.80
6/8/2010 7:15	2.562452	0.46	0.81
6/8/2010 7:30	2.564759	0.46	0.81
6/8/2010 7:45	2.566412	0.45	0.81
6/8/2010 8:00	2.570132	0.45	0.81
6/8/2010 8:15	2.571601	0.45	0.81
6/8/2010 8:30	2.574312	0.45	0.83
6/8/2010 8:45	2.575265	0.44	0.83
6/8/2010 9:00	2.579102	0.44	0.83
6/8/2010 9:15	2.581059	0.44	0.84
6/8/2010 9:30	2.58654	0.43	0.83
6/8/2010 9:45	2.588737	0.43	0.82
6/8/2010 10:00	2.594933	0.43	0.82
6/8/2010 10:15	2.598337	0.42	0.81
6/8/2010 10:30	2.603271	0.42	0.81
6/8/2010 10:45	2.607651	0.41	0.80
6/8/2010 11:00	2.609136	0.41	0.79
6/8/2010 11:15	2.614537	0.41	0.80
6/8/2010 11:30	2.617863	0.40	0.78
6/8/2010 11:45	2.619965	0.40	0.78
6/8/2010 12:00	2.622629	0.40	0.76
6/8/2010 12:15	2.623729	0.40	0.77
6/8/2010 12:30	2.624405	0.40	0.77
6/8/2010 12:45	2.626076	0.39	0.75
6/8/2010 13:00	2.626625	0.39	0.75
6/8/2010 13:15	2.627339	0.39	0.75

PZ01D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/7/2010 20:15	2.67322	0.05	0.24
6/7/2010 20:30	2.675251	0.04	0.23
6/7/2010 20:45	2.674584	0.05	0.25
6/7/2010 21:00	2.66671	0.05	0.25
6/7/2010 21:15	2.664139	0.06	0.27
6/7/2010 21:30	2.658316	0.06	0.27
6/7/2010 21:45	2.651875	0.07	0.29
6/7/2010 22:00	2.641969	0.08	0.30
6/7/2010 22:15	2.626134	0.09	0.32
6/7/2010 22:30	2.613226	0.11	0.34
6/7/2010 22:45	2.596637	0.12	0.36
6/7/2010 23:00	2.562706	0.16	0.40
6/7/2010 23:15	2.534021	0.19	0.43
6/7/2010 23:30	2.500065	0.22	0.46
6/7/2010 23:45	2.461707	0.26	0.51
6/8/2010 0:00	2.430467	0.29	0.54
6/8/2010 0:15	2.400813	0.32	0.56
6/8/2010 0:30	2.371291	0.35	0.59
6/8/2010 0:45	2.335409	0.38	0.63
6/8/2010 1:00	2.290724	0.43	0.68
6/8/2010 1:15	2.249525	0.47	0.72
6/8/2010 1:30	2.204062	0.52	0.78
6/8/2010 1:45	2.162654	0.56	0.82
6/8/2010 2:00	2.126189	0.59	0.86
6/8/2010 2:15	2.091657	0.63	0.90
6/8/2010 2:30	2.057488	0.66	0.93
6/8/2010 2:45	2.021115	0.70	0.97
6/8/2010 3:00	1.989473	0.73	1.01
6/8/2010 3:15	1.953168	0.77	1.05
6/8/2010 3:30	1.926131	0.79	1.07
6/8/2010 3:45	1.89833	0.82	1.11
6/8/2010 4:00	1.87899	0.84	1.13
6/8/2010 4:15	1.863471	0.86	1.15
6/8/2010 4:30	1.847417	0.87	1.17
6/8/2010 4:45	1.837954	0.88	1.18
6/8/2010 5:00	1.830005	0.89	1.19
6/8/2010 5:15	1.820737	0.90	1.20
6/8/2010 5:30	1.819024	0.90	1.21
6/8/2010 5:45	1.82502	0.89	1.21
6/8/2010 6:00	1.833103	0.89	1.22
6/8/2010 6:15	1.844892	0.88	1.22
6/8/2010 6:30	1.859325	0.86	1.20
6/8/2010 6:45	1.881099	0.84	1.19
6/8/2010 7:00	1.899496	0.82	1.17
6/8/2010 7:15	1.922583	0.80	1.16
6/8/2010 7:30	1.953183	0.77	1.13
6/8/2010 7:45	1.97457	0.75	1.12
6/8/2010 8:00	2.005768	0.71	1.08
6/8/2010 8:15	2.045311	0.67	1.04
6/8/2010 8:30	2.075356	0.64	1.03
6/8/2010 8:45	2.112454	0.61	1.01
6/8/2010 9:00	2.149036	0.57	0.97
6/8/2010 9:15	2.177939	0.54	0.95
6/8/2010 9:30	2.213471	0.51	0.92
6/8/2010 9:45	2.25557	0.46	0.86
6/8/2010 10:00	2.296698	0.42	0.82
6/8/2010 10:15	2.344358	0.38	0.78
6/8/2010 10:30	2.387215	0.33	0.73
6/8/2010 10:45	2.424178	0.30	0.70
6/8/2010 11:00	2.450099	0.27	0.66
6/8/2010 11:15	2.474492	0.25	0.65
6/8/2010 11:30	2.498117	0.22	0.61
6/8/2010 11:45	2.513781	0.21	0.60
6/8/2010 12:00	2.536115	0.18	0.55
6/8/2010 12:15	2.555496	0.16	0.54
6/8/2010 12:30	2.569754	0.15	0.53
6/8/2010 12:45	2.580838	0.14	0.51
6/8/2010 13:00	2.580115	0.14	0.51
6/8/2010 13:15	2.566561	0.15	0.52

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/20/2010 10:16		0.90	0.96
6/20/2010 10:31		0.89	0.95
6/20/2010 10:46		0.87	0.93
6/20/2010 11:01		0.87	0.93
6/20/2010 11:16		0.86	0.91
6/20/2010 11:31		0.86	0.91
6/20/2010 11:46		0.87	0.92
6/20/2010 12:01		0.87	0.92
6/20/2010 12:16		0.88	0.93
6/20/2010 12:31		0.89	0.94
6/20/2010 12:46		0.90	0.95
6/20/2010 13:01		0.91	0.96
6/20/2010 13:16		0.93	0.98
6/20/2010 13:31		0.95	0.99
6/20/2010 13:46		0.96	1.00
6/20/2010 14:01		0.97	1.01
6/20/2010 14:16		0.98	1.02
6/20/2010 14:31		0.98	1.02
6/20/2010 14:46		0.98	1.02
6/20/2010 15:01		0.98	1.02
6/20/2010 15:16		0.98	1.02
6/20/2010 15:31		0.97	1.01
6/20/2010 15:46		0.96	1.00
6/20/2010 16:01		0.95	0.99
6/20/2010 16:16		0.92	0.95
6/20/2010 16:31		0.91	0.95
6/20/2010 16:46		0.89	0.93
6/20/2010 17:01		0.87	0.90
6/20/2010 17:16		0.84	0.88
6/20/2010 17:31		0.82	0.85
6/20/2010 17:46		0.79	0.83
6/20/2010 18:01		0.76	0.80
6/20/2010 18:16		0.74	0.78
6/20/2010 18:31		0.71	0.74
6/20/2010 18:46		0.68	0.72
6/20/2010 19:01		0.65	0.69
6/20/2010 19:16		0.63	0.67
6/20/2010 19:31		0.60	0.65
6/20/2010 19:46		0.57	0.61
6/20/2010 20:01		0.54	0.59
6/20/2010 20:16		0.51	0.56
6/20/2010 20:31		0.49	0.54
6/20/2010 20:46		0.46	0.51
6/20/2010 21:01		0.44	0.50
6/20/2010 21:16		0.42	0.48
6/20/2010 21:31		0.41	0.48
6/20/2010 21:46		0.40	0.48
6/20/2010 22:01		0.39	0.47
6/20/2010 22:16		0.39	0.47
6/20/2010 22:31		0.39	0.47
6/20/2010 22:46		0.41	0.49
6/20/2010 23:01		0.42	0.50
6/20/2010 23:16		0.45	0.53
6/20/2010 23:31		0.48	0.56
6/20/2010 23:46		0.51	0.60
6/21/2010 0:01		0.55	0.64
6/21/2010 0:16		0.59	0.68
6/21/2010 0:31		0.63	0.71
6/21/2010 0:46		0.68	0.77
6/21/2010 1:01		0.72	0.80
6/21/2010 1:16		0.76	0.85
6/21/2010 1:31		0.81	0.89
6/21/2010 1:46		0.85	0.94
6/21/2010 2:01		0.89	0.98
6/21/2010 2:16		0.93	1.02
6/21/2010 2:31		0.96	1.05
6/21/2010 2:46		1.00	1.09
6/21/2010 3:01		1.03	1.11
6/21/2010 3:16		1.05	1.14

PZ01I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/8/2010 13:30	2.629899	0.39	0.74
6/8/2010 13:45	2.63048	0.39	0.75
6/8/2010 14:00	2.628448	0.39	0.75
6/8/2010 14:15	2.627967	0.39	0.74
6/8/2010 14:30	2.628059	0.39	0.74
6/8/2010 14:45	2.627414	0.39	0.74
6/8/2010 15:00	2.628546	0.39	0.74
6/8/2010 15:15	2.630246	0.39	0.74
6/8/2010 15:30	2.62917	0.39	0.74
6/8/2010 15:45	2.629668	0.39	0.74
6/8/2010 16:00	2.628414	0.39	0.74
6/8/2010 16:15	2.627333	0.39	0.74
6/8/2010 16:30	2.626333	0.39	0.75
6/8/2010 16:45	2.62602	0.39	0.74
6/8/2010 17:00	2.626518	0.39	0.75
6/8/2010 17:15	2.627475	0.39	0.74
6/8/2010 17:30	2.624945	0.40	0.75
6/8/2010 17:45	2.627219	0.39	0.74
6/8/2010 18:00	2.62608	0.39	0.73
6/8/2010 18:15	2.626177	0.39	0.74
6/8/2010 18:30	2.627761	0.39	0.74
6/8/2010 18:45	2.626954	0.39	0.74
6/8/2010 19:00	2.629744	0.39	0.74
6/8/2010 19:15	2.632738	0.39	0.75
6/8/2010 19:30	2.630156	0.39	0.76
6/8/2010 19:45	2.628202	0.39	0.76
6/8/2010 20:00	2.631341	0.39	0.76
6/8/2010 20:15	2.630302	0.39	0.76
6/8/2010 20:30	2.629702	0.39	0.76
6/8/2010 20:45	2.632678	0.39	0.77
6/8/2010 21:00	2.631514	0.39	0.77
6/8/2010 21:15	2.634217	0.39	0.77
6/8/2010 21:30	2.632889	0.39	0.78
6/8/2010 21:45	2.63377	0.39	0.79
6/8/2010 22:00	2.631545	0.39	0.79
6/8/2010 22:15	2.631507	0.39	0.80
6/8/2010 22:30	2.63083	0.39	0.79
6/8/2010 22:45	2.630735	0.39	0.80
6/8/2010 23:00	2.631088	0.39	0.79
6/8/2010 23:15	2.629719	0.39	0.80
6/8/2010 23:30	2.62768	0.39	0.79
6/8/2010 23:45	2.626604	0.39	0.79
6/9/2010 0:00	2.623047	0.40	0.80
6/9/2010 0:15	2.619402	0.40	0.80
6/9/2010 0:30	2.61668	0.40	0.80
6/9/2010 0:45	2.61127	0.41	0.82
6/9/2010 1:00	2.610703	0.41	0.83
6/9/2010 1:15	2.608183	0.41	0.81
6/9/2010 1:30	2.60413	0.42	0.82
6/9/2010 1:45	2.599946	0.42	0.82
6/9/2010 2:00	2.595656	0.42	0.83
6/9/2010 2:15	2.5905	0.43	0.84
6/9/2010 2:30	2.586659	0.43	0.83
6/9/2010 2:45	2.582008	0.44	0.84
6/9/2010 3:00	2.580157	0.44	0.83
6/9/2010 3:15	2.57565	0.44	0.83
6/9/2010 3:30	2.574098	0.45	0.82
6/9/2010 3:45	2.568915	0.45	0.82
6/9/2010 4:00	2.566619	0.45	0.83
6/9/2010 4:15	2.559563	0.46	0.84
6/9/2010 4:30	2.55568	0.46	0.84
6/9/2010 4:45	2.553637	0.47	0.86
6/9/2010 5:00	2.550398	0.47	0.85
6/9/2010 5:15	2.549534	0.47	0.85
6/9/2010 5:30	2.545555	0.47	0.86
6/9/2010 5:45	2.544363	0.48	0.86
6/9/2010 6:00	2.543646	0.48	0.86
6/9/2010 6:15	2.542103	0.48	0.86
6/9/2010 6:30	2.53998	0.48	0.86

PZ01D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/8/2010 13:30	2.564496	0.16	0.52
6/8/2010 13:45	2.562684	0.16	0.53
6/8/2010 14:00	2.551275	0.17	0.54
6/8/2010 14:15	2.547419	0.17	0.53
6/8/2010 14:30	2.54756	0.17	0.53
6/8/2010 14:45	2.545377	0.17	0.53
6/8/2010 15:00	2.533602	0.19	0.55
6/8/2010 15:15	2.52676	0.19	0.55
6/8/2010 15:30	2.524522	0.20	0.56
6/8/2010 15:45	2.517443	0.20	0.56
6/8/2010 16:00	2.507881	0.21	0.57
6/8/2010 16:15	2.502789	0.22	0.58
6/8/2010 16:30	2.4981	0.22	0.59
6/8/2010 16:45	2.494817	0.23	0.59
6/8/2010 17:00	2.502306	0.22	0.59
6/8/2010 17:15	2.51291	0.21	0.57
6/8/2010 17:30	2.522236	0.20	0.56
6/8/2010 17:45	2.527612	0.19	0.55
6/8/2010 18:00	2.541806	0.18	0.53
6/8/2010 18:15	2.560569	0.16	0.52
6/8/2010 18:30	2.578867	0.14	0.50
6/8/2010 18:45	2.591628	0.13	0.49
6/8/2010 19:00	2.622395	0.10	0.46
6/8/2010 19:15	2.643741	0.08	0.45
6/8/2010 19:30	2.651975	0.07	0.45
6/8/2010 19:45	2.667967	0.05	0.43
6/8/2010 20:00	2.683539	0.04	0.42
6/8/2010 20:15	2.69035	0.03	0.41
6/8/2010 20:30	2.713271	0.01	0.39
6/8/2010 20:45	2.735551	-0.02	0.37
6/8/2010 21:00	2.7492	-0.03	0.36
6/8/2010 21:15	2.771374	-0.05	0.34
6/8/2010 21:30	2.78001	-0.06	0.34
6/8/2010 21:45	2.790192	-0.07	0.34
6/8/2010 22:00	2.804927	-0.08	0.33
6/8/2010 22:15	2.807662	-0.09	0.33
6/8/2010 22:30	2.806867	-0.09	0.32
6/8/2010 22:45	2.812488	-0.09	0.33
6/8/2010 23:00	2.80407	-0.08	0.33
6/8/2010 23:15	2.796332	-0.08	0.34
6/8/2010 23:30	2.785896	-0.07	0.34
6/8/2010 23:45	2.767506	-0.05	0.36
6/9/2010 0:00	2.742432	-0.02	0.39
6/9/2010 0:15	2.716486	0.00	0.41
6/9/2010 0:30	2.679446	0.04	0.45
6/9/2010 0:45	2.644526	0.08	0.50
6/9/2010 1:00	2.607549	0.11	0.54
6/9/2010 1:15	2.569334	0.15	0.56
6/9/2010 1:30	2.529057	0.19	0.60
6/9/2010 1:45	2.483052	0.24	0.65
6/9/2010 2:00	2.427853	0.29	0.71
6/9/2010 2:15	2.375658	0.34	0.76
6/9/2010 2:30	2.320856	0.40	0.81
6/9/2010 2:45	2.273527	0.45	0.86
6/9/2010 3:00	2.226706	0.49	0.89
6/9/2010 3:15	2.176153	0.54	0.94
6/9/2010 3:30	2.126751	0.59	0.97
6/9/2010 3:45	2.076409	0.64	1.02
6/9/2010 4:00	2.02631	0.69	1.08
6/9/2010 4:15	1.978467	0.74	1.13
6/9/2010 4:30	1.937073	0.78	1.17
6/9/2010 4:45	1.900273	0.82	1.22
6/9/2010 5:00	1.87425	0.85	1.24
6/9/2010 5:15	1.850984	0.87	1.26
6/9/2010 5:30	1.826115	0.89	1.29
6/9/2010 5:45	1.799631	0.92	1.31
6/9/2010 6:00	1.775213	0.94	1.33
6/9/2010 6:15	1.758317	0.96	1.35
6/9/2010 6:30	1.748288	0.97	1.36

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/21/2010 3:31		1.08	1.16
6/21/2010 3:46		1.10	1.18
6/21/2010 4:01		1.11	1.20
6/21/2010 4:16		1.12	1.21
6/21/2010 4:31		1.13	1.22
6/21/2010 4:46		1.13	1.22
6/21/2010 5:01		1.13	1.22
6/21/2010 5:16		1.12	1.22
6/21/2010 5:31		1.11	1.21
6/21/2010 5:46		1.10	1.21
6/21/2010 6:01		1.09	1.20
6/21/2010 6:16		1.07	1.19
6/21/2010 6:31		1.05	1.18
6/21/2010 6:46		1.02	1.15
6/21/2010 7:01		1.00	1.13
6/21/2010 7:16		0.97	1.10
6/21/2010 7:31		0.94	1.08
6/21/2010 7:46		0.91	1.05
6/21/2010 8:01		0.88	1.02
6/21/2010 8:16		0.84	0.99
6/21/2010 8:31		0.81	0.95
6/21/2010 8:46		0.78	0.92
6/21/2010 9:01		0.74	0.88
6/21/2010 9:16		0.71	0.85
6/21/2010 9:31		0.68	0.82
6/21/2010 9:46		0.64	0.78
6/21/2010 10:01		0.61	0.75
6/21/2010 10:16		0.58	0.72
6/21/2010 10:31		0.55	0.69
6/21/2010 10:46		0.52	0.66
6/21/2010 11:01		0.50	0.64
6/21/2010 11:16		0.48	0.62
6/21/2010 11:31		0.46	0.60
6/21/2010 11:46		0.45	0.59
6/21/2010 12:01		0.44	0.58
6/21/2010 12:16		0.44	0.57
6/21/2010 12:31		0.44	0.58
6/21/2010 12:46		0.44	0.58
6/21/2010 13:01		0.45	0.58
6/21/2010 13:16		0.46	0.59
6/21/2010 13:31		0.47	0.60
6/21/2010 13:46		0.49	0.61
6/21/2010 14:01		0.51	0.63
6/21/2010 14:16		0.53	0.65
6/21/2010 14:31		0.56	0.68
6/21/2010 14:46		0.57	0.69
6/21/2010 15:01		0.58	0.70
6/21/2010 15:16		0.60	0.72
6/21/2010 15:31		0.61	0.73
6/21/2010 15:46		0.62	0.74
6/21/2010 16:01		0.62	0.74
6/21/2010 16:16		0.63	0.75
6/21/2010 16:31		0.64	0.76
6/21/2010 16:46		0.64	0.76
6/21/2010 17:01		0.64	0.76
6/21/2010 17:16		0.63	0.75
6/21/2010 17:31		0.62	0.74
6/21/2010 17:46		0.60	0.72
6/21/2010 18:01		0.59	0.71
6/21/2010 18:16		0.57	0.69
6/21/2010 18:31		0.55	0.67
6/21/2010 18:46		0.53	0.65
6/21/2010 19:01		0.51	0.63
6/21/2010 19:16		0.49	0.61
6/21/2010 19:31		0.47	0.59
6/21/2010 19:46		0.45	0.58
6/21/2010 20:01		0.43	0.56
6/21/2010 20:16		0.40	0.53
6/21/2010 20:31		0.38	0.52

PZ01I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/9/2010 6:45	2.539557	0.48	0.87
6/9/2010 7:00	2.538891	0.48	0.87
6/9/2010 7:15	2.540472	0.48	0.86
6/9/2010 7:30	2.540802	0.48	0.86
6/9/2010 7:45	2.542539	0.48	0.86
6/9/2010 8:00	2.542832	0.48	0.86
6/9/2010 8:15	2.542557	0.48	0.85
6/9/2010 8:30	2.544877	0.48	0.85
6/9/2010 8:45	2.545531	0.47	0.84
6/9/2010 9:00	2.54956	0.47	0.83
6/9/2010 9:15	2.552414	0.47	0.83
6/9/2010 9:30	2.553942	0.47	0.83
6/9/2010 9:45	2.556704	0.46	0.81
6/9/2010 10:00	2.558648	0.46	0.81
6/9/2010 10:15	2.558671	0.46	0.80
6/9/2010 10:30	2.560372	0.46	0.79
6/9/2010 10:45	2.56206	0.46	0.78
6/9/2010 11:00	2.564001	0.46	0.77
6/9/2010 11:15	2.567761	0.45	0.75
6/9/2010 11:30	2.566449	0.45	0.74
6/9/2010 11:45	2.568223	0.45	0.74
6/9/2010 12:00	2.566968	0.45	0.74
6/9/2010 12:15	2.566966	0.45	0.73
6/9/2010 12:30	2.564126	0.46	0.74
6/9/2010 12:45	2.56345	0.46	0.74
6/9/2010 13:00	2.560866	0.46	0.73
6/9/2010 13:15	2.559337	0.46	0.73
6/9/2010 13:30	2.558498	0.46	0.72
6/9/2010 13:45	2.556779	0.46	0.70
6/9/2010 14:00	2.55498	0.47	0.69
6/9/2010 14:15	2.553688	0.47	0.70
6/9/2010 14:30	2.550925	0.47	0.70
6/9/2010 14:45	2.549019	0.47	0.67
6/9/2010 15:00	2.549696	0.47	0.66
6/9/2010 15:15	2.54719	0.47	0.65
6/9/2010 15:30	2.544914	0.48	0.65
6/9/2010 15:45	2.539223	0.48	0.64
6/9/2010 16:00	2.53594	0.48	0.64
6/9/2010 16:15	2.533184	0.49	0.65
6/9/2010 16:30	2.531893	0.49	0.64
6/9/2010 16:45	2.530235	0.49	0.63
6/9/2010 17:00	2.530342	0.49	0.62
6/9/2010 17:15	2.530095	0.49	0.61
6/9/2010 17:30	2.529801	0.49	0.60
6/9/2010 17:45	2.528881	0.49	0.60
6/9/2010 18:00	2.526801	0.49	0.59
6/9/2010 18:15	2.525835	0.49	0.58
6/9/2010 18:30	2.524239	0.50	0.60
6/9/2010 18:45	2.527048	0.49	0.57
6/9/2010 19:00	2.527658	0.49	0.58
6/9/2010 19:15	2.530169	0.49	0.58
6/9/2010 19:30	2.52992	0.49	0.56
6/9/2010 19:45	2.531132	0.49	0.56
6/9/2010 20:00	2.531305	0.49	0.56
6/9/2010 20:15	2.532838	0.49	0.55
6/9/2010 20:30	2.532303	0.49	0.55
6/9/2010 20:45	2.533925	0.49	0.55
6/9/2010 21:00	2.534823	0.49	0.54
6/9/2010 21:15	2.537631	0.48	0.53
6/9/2010 21:30	2.538198	0.48	0.53
6/9/2010 21:45	2.537957	0.48	0.53
6/9/2010 22:00	2.538373	0.48	0.54
6/9/2010 22:15	2.539353	0.48	0.54
6/9/2010 22:30	2.541382	0.48	0.54
6/9/2010 22:45	2.542431	0.48	0.54
6/9/2010 23:00	2.544601	0.48	0.54
6/9/2010 23:15	2.54457	0.48	0.54
6/9/2010 23:30	2.544214	0.48	0.53
6/9/2010 23:45	2.54615	0.47	0.53

PZ01D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/9/2010 6:45	1.744541	0.98	1.38
6/9/2010 7:00	1.745826	0.97	1.37
6/9/2010 7:15	1.750098	0.97	1.36
6/9/2010 7:30	1.759282	0.96	1.35
6/9/2010 7:45	1.766173	0.95	1.34
6/9/2010 8:00	1.777964	0.94	1.33
6/9/2010 8:15	1.786953	0.93	1.31
6/9/2010 8:30	1.801984	0.92	1.30
6/9/2010 8:45	1.819699	0.90	1.28
6/9/2010 9:00	1.846317	0.87	1.24
6/9/2010 9:15	1.87602	0.84	1.21
6/9/2010 9:30	1.9065	0.81	1.18
6/9/2010 9:45	1.931237	0.79	1.15
6/9/2010 10:00	1.95163	0.77	1.13
6/9/2010 10:15	1.966009	0.75	1.10
6/9/2010 10:30	1.98488	0.74	1.08
6/9/2010 10:45	2.002433	0.72	1.05
6/9/2010 11:00	2.016561	0.70	1.02
6/9/2010 11:15	2.027846	0.69	1.00
6/9/2010 11:30	2.035872	0.68	0.98
6/9/2010 11:45	2.033519	0.69	0.98
6/9/2010 12:00	2.024894	0.70	0.99
6/9/2010 12:15	2.009356	0.71	0.99
6/9/2010 12:30	1.982442	0.74	1.02
6/9/2010 12:45	1.961627	0.76	1.04
6/9/2010 13:00	1.954568	0.77	1.04
6/9/2010 13:15	1.928807	0.79	1.06
6/9/2010 13:30	1.893571	0.83	1.09
6/9/2010 13:45	1.869504	0.85	1.09
6/9/2010 14:00	1.833239	0.89	1.11
6/9/2010 14:15	1.809046	0.91	1.14
6/9/2010 14:30	1.792579	0.93	1.16
6/9/2010 14:45	1.783722	0.94	1.14
6/9/2010 15:00	1.772844	0.95	1.14
6/9/2010 15:15	1.737509	0.98	1.16
6/9/2010 15:30	1.690385	1.03	1.20
6/9/2010 15:45	1.624864	1.10	1.26
6/9/2010 16:00	1.569573	1.15	1.31
6/9/2010 16:15	1.533457	1.19	1.35
6/9/2010 16:30	1.510469	1.21	1.37
6/9/2010 16:45	1.486666	1.23	1.38
6/9/2010 17:00	1.468947	1.25	1.39
6/9/2010 17:15	1.462357	1.26	1.39
6/9/2010 17:30	1.440949	1.28	1.40
6/9/2010 17:45	1.42119	1.30	1.42
6/9/2010 18:00	1.394773	1.33	1.43
6/9/2010 18:15	1.374743	1.35	1.44
6/9/2010 18:30	1.369883	1.35	1.45
6/9/2010 18:45	1.374372	1.35	1.43
6/9/2010 19:00	1.386055	1.33	1.42
6/9/2010 19:15	1.397333	1.32	1.41
6/9/2010 19:30	1.404952	1.32	1.39
6/9/2010 19:45	1.415906	1.30	1.37
6/9/2010 20:00	1.415131	1.30	1.37
6/9/2010 20:15	1.419955	1.30	1.36
6/9/2010 20:30	1.42911	1.29	1.35
6/9/2010 20:45	1.437734	1.28	1.34
6/9/2010 21:00	1.459328	1.26	1.31
6/9/2010 21:15	1.476499	1.24	1.29
6/9/2010 21:30	1.482585	1.24	1.29
6/9/2010 21:45	1.486742	1.23	1.28
6/9/2010 22:00	1.494999	1.23	1.29
6/9/2010 22:15	1.515902	1.20	1.26
6/9/2010 22:30	1.541849	1.18	1.24
6/9/2010 22:45	1.566916	1.15	1.21
6/9/2010 23:00	1.584065	1.14	1.20
6/9/2010 23:15	1.592541	1.13	1.19
6/9/2010 23:30	1.59806	1.12	1.17
6/9/2010 23:45	1.610762	1.11	1.17

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/21/2010 20:46		0.36	0.50
6/21/2010 21:01		0.34	0.48
6/21/2010 21:16		0.32	0.46
6/21/2010 21:31		0.30	0.44
6/21/2010 21:46		0.29	0.43
6/21/2010 22:01		0.27	0.42
6/21/2010 22:16		0.26	0.41
6/21/2010 22:31		0.26	0.41
6/21/2010 22:46		0.25	0.40
6/21/2010 23:01		0.25	0.40
6/21/2010 23:16		0.26	0.41
6/21/2010 23:31		0.27	0.42
6/21/2010 23:46		0.30	0.44
6/22/2010 0:01		0.33	0.47
6/22/2010 0:16		0.36	0.51
6/22/2010 0:31		0.40	0.55
6/22/2010 0:46		0.44	0.59
6/22/2010 1:01		0.48	0.63
6/22/2010 1:16		0.53	0.68
6/22/2010 1:31		0.58	0.73
6/22/2010 1:46		0.62	0.77
6/22/2010 2:01		0.67	0.82
6/22/2010 2:16		0.71	0.86
6/22/2010 2:31		0.75	0.89
6/22/2010 2:46		0.79	0.93
6/22/2010 3:01		0.83	0.97
6/22/2010 3:16		0.88	1.02
6/22/2010 3:31		0.91	1.05
6/22/2010 3:46		0.95	1.10
6/22/2010 4:01		0.98	1.13
6/22/2010 4:16		1.01	1.16
6/22/2010 4:31		1.03	1.19
6/22/2010 4:46		1.05	1.20
6/22/2010 5:01		1.07	1.23
6/22/2010 5:16		1.08	1.24
6/22/2010 5:31		1.09	1.25
6/22/2010 5:46		1.09	1.25
6/22/2010 6:01		1.09	1.25
6/22/2010 6:16		1.09	1.25
6/22/2010 6:31		1.08	1.25
6/22/2010 6:46		1.07	1.24
6/22/2010 7:01		1.06	1.23
6/22/2010 7:16		1.04	1.21
6/22/2010 7:31		1.02	1.19
6/22/2010 7:46		1.00	1.17
6/22/2010 8:01		0.97	1.14
6/22/2010 8:16		0.95	1.12
6/22/2010 8:31		0.92	1.09
6/22/2010 8:46		0.90	1.07
6/22/2010 9:01		0.87	1.04
6/22/2010 9:16		0.84	1.01
6/22/2010 9:31		0.81	0.98
6/22/2010 9:46		0.79	0.96
6/22/2010 10:01		0.75	0.92
6/22/2010 10:16		0.72	0.89
6/22/2010 10:31		0.69	0.86
6/22/2010 10:46		0.66	0.83
6/22/2010 11:01		0.64	0.81
6/22/2010 11:16		0.61	0.78
6/22/2010 11:31		0.58	0.75
6/22/2010 11:46		0.56	0.73
6/22/2010 12:01		0.54	0.71
6/22/2010 12:16		0.52	0.68
6/22/2010 12:31		0.51	0.67
6/22/2010 12:46		0.50	0.66
6/22/2010 13:01		0.50	0.65
6/22/2010 13:16		0.51	0.66
6/22/2010 13:31		0.52	0.66
6/22/2010 13:46		0.53	0.67

PZ01I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/10/2010 0:00	2.545171	0.47	0.53
6/10/2010 0:15	2.546721	0.47	0.53
6/10/2010 0:30	2.547681	0.47	0.53
6/10/2010 0:45	2.546021	0.47	0.53
6/10/2010 1:00	2.545122	0.47	0.52
6/10/2010 1:15	2.545151	0.47	0.52
6/10/2010 1:30	2.543295	0.48	0.54
6/10/2010 1:45	2.54348	0.48	0.53
6/10/2010 2:00	2.541269	0.48	0.54
6/10/2010 2:15	2.538435	0.48	0.54
6/10/2010 2:30	2.537268	0.48	0.55
6/10/2010 2:45	2.534033	0.49	0.56
6/10/2010 3:00	2.53282	0.49	0.55
6/10/2010 3:15	2.529617	0.49	0.57
6/10/2010 3:30	2.526967	0.49	0.57
6/10/2010 3:45	2.52546	0.49	0.58
6/10/2010 4:00	2.523657	0.50	0.57
6/10/2010 4:15	2.523201	0.50	0.58
6/10/2010 4:30	2.519481	0.50	0.58
6/10/2010 4:45	2.518211	0.50	0.58
6/10/2010 5:00	2.517147	0.50	0.58
6/10/2010 5:15	2.515188	0.50	0.59
6/10/2010 5:30	2.513374	0.51	0.61
6/10/2010 5:45	2.512125	0.51	0.61
6/10/2010 6:00	2.512302	0.51	0.61
6/10/2010 6:15	2.511023	0.51	0.61
6/10/2010 6:30	2.510991	0.51	0.61
6/10/2010 6:45	2.511481	0.51	0.61
6/10/2010 7:00	2.512836	0.51	0.61
6/10/2010 7:15	2.513479	0.51	0.62
6/10/2010 7:30	2.514514	0.51	0.62
6/10/2010 7:45	2.516733	0.50	0.62
6/10/2010 8:00	2.519197	0.50	0.62
6/10/2010 8:15	2.522112	0.50	0.62
6/10/2010 8:30	2.525102	0.49	0.61
6/10/2010 8:45	2.527238	0.49	0.61
6/10/2010 9:00	2.529822	0.49	0.61
6/10/2010 9:15	2.532956	0.49	0.61
6/10/2010 9:30	2.536451	0.48	0.60
6/10/2010 9:45	2.540486	0.48	0.60
6/10/2010 10:00	2.544209	0.48	0.59
6/10/2010 10:15	2.549245	0.47	0.58
6/10/2010 10:30	2.553481	0.47	0.58
6/10/2010 10:45	2.55894	0.46	0.57
6/10/2010 11:00	2.561188	0.46	0.57
6/10/2010 11:15	2.565521	0.45	0.55
6/10/2010 11:30	2.570473	0.45	0.55
6/10/2010 11:45	2.574844	0.45	0.55
6/10/2010 12:00	2.578476	0.44	0.54
6/10/2010 12:15	2.582176	0.44	0.54
6/10/2010 12:30	2.587344	0.43	0.53
6/10/2010 12:45	2.591814	0.43	0.53
6/10/2010 13:00	2.595785	0.42	0.51
6/10/2010 13:15	2.599628	0.42	0.52
6/10/2010 13:30	2.602601	0.42	0.51
6/10/2010 13:45	2.606053	0.41	0.49
6/10/2010 14:00	2.608289	0.41	0.49
6/10/2010 14:15	2.608643	0.41	0.49
6/10/2010 14:30	2.612089	0.41	0.49
6/10/2010 14:45	2.612317	0.41	0.49
6/10/2010 15:00	2.612666	0.41	0.49
6/10/2010 15:15	2.616429	0.40	0.47
6/10/2010 15:30	2.615937	0.40	0.47
6/10/2010 15:45	2.614975	0.41	0.48
6/10/2010 16:00	2.613561	0.41	0.49
6/10/2010 16:15	2.613184	0.41	0.49
6/10/2010 16:30	2.610904	0.41	0.49
6/10/2010 16:45	2.611142	0.41	0.48
6/10/2010 17:00	2.61141	0.41	0.48

PZ01D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/10/2010 0:00	1.621101	1.10	1.16
6/10/2010 0:15	1.635576	1.08	1.14
6/10/2010 0:30	1.641844	1.08	1.14
6/10/2010 0:45	1.637587	1.08	1.14
6/10/2010 1:00	1.630036	1.09	1.14
6/10/2010 1:15	1.617389	1.10	1.15
6/10/2010 1:30	1.600602	1.12	1.18
6/10/2010 1:45	1.590852	1.13	1.18
6/10/2010 2:00	1.574082	1.15	1.21
6/10/2010 2:15	1.562149	1.16	1.22
6/10/2010 2:30	1.539547	1.18	1.25
6/10/2010 2:45	1.519695	1.20	1.27
6/10/2010 3:00	1.49802	1.22	1.28
6/10/2010 3:15	1.473387	1.25	1.33
6/10/2010 3:30	1.447701	1.27	1.35
6/10/2010 3:45	1.417387	1.30	1.39
6/10/2010 4:00	1.387999	1.33	1.40
6/10/2010 4:15	1.370129	1.35	1.43
6/10/2010 4:30	1.350344	1.37	1.45
6/10/2010 4:45	1.328798	1.39	1.47
6/10/2010 5:00	1.311085	1.41	1.49
6/10/2010 5:15	1.302944	1.42	1.51
6/10/2010 5:30	1.287719	1.43	1.53
6/10/2010 5:45	1.283289	1.44	1.54
6/10/2010 6:00	1.275089	1.44	1.54
6/10/2010 6:15	1.273151	1.45	1.55
6/10/2010 6:30	1.282559	1.44	1.54
6/10/2010 6:45	1.295699	1.42	1.53
6/10/2010 7:00	1.315578	1.40	1.51
6/10/2010 7:15	1.335801	1.38	1.50
6/10/2010 7:30	1.357364	1.36	1.48
6/10/2010 7:45	1.376565	1.34	1.47
6/10/2010 8:00	1.401127	1.32	1.45
6/10/2010 8:15	1.434416	1.29	1.42
6/10/2010 8:30	1.472532	1.25	1.38
6/10/2010 8:45	1.509708	1.21	1.34
6/10/2010 9:00	1.539403	1.18	1.31
6/10/2010 9:15	1.566853	1.15	1.28
6/10/2010 9:30	1.598894	1.12	1.25
6/10/2010 9:45	1.634048	1.09	1.22
6/10/2010 10:00	1.674926	1.05	1.17
6/10/2010 10:15	1.720566	1.00	1.12
6/10/2010 10:30	1.76945	0.95	1.07
6/10/2010 10:45	1.815796	0.90	1.02
6/10/2010 11:00	1.858281	0.86	0.98
6/10/2010 11:15	1.900353	0.82	0.93
6/10/2010 11:30	1.949263	0.77	0.88
6/10/2010 11:45	1.996822	0.72	0.83
6/10/2010 12:00	2.046862	0.67	0.78
6/10/2010 12:15	2.094766	0.63	0.73
6/10/2010 12:30	2.142997	0.58	0.69
6/10/2010 12:45	2.189268	0.53	0.64
6/10/2010 13:00	2.232801	0.49	0.58
6/10/2010 13:15	2.265975	0.45	0.55
6/10/2010 13:30	2.296581	0.42	0.51
6/10/2010 13:45	2.32458	0.40	0.48
6/10/2010 14:00	2.342626	0.38	0.46
6/10/2010 14:15	2.363294	0.36	0.44
6/10/2010 14:30	2.383482	0.34	0.42
6/10/2010 14:45	2.395602	0.32	0.40
6/10/2010 15:00	2.399853	0.32	0.40
6/10/2010 15:15	2.40798	0.31	0.38
6/10/2010 15:30	2.404432	0.32	0.39
6/10/2010 15:45	2.392736	0.33	0.40
6/10/2010 16:00	2.377487	0.34	0.42
6/10/2010 16:15	2.363515	0.36	0.44
6/10/2010 16:30	2.353661	0.37	0.45
6/10/2010 16:45	2.346461	0.37	0.44
6/10/2010 17:00	2.343016	0.38	0.45

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/22/2010 14:01		0.55	0.68
6/22/2010 14:16		0.58	0.70
6/22/2010 14:31		0.61	0.73
6/22/2010 14:46		0.64	0.76
6/22/2010 15:01		0.67	0.79
6/22/2010 15:16		0.69	0.81
6/22/2010 15:31		0.72	0.83
6/22/2010 15:46		0.74	0.85
6/22/2010 16:01		0.76	0.87
6/22/2010 16:16		0.79	0.90
6/22/2010 16:31		0.81	0.91
6/22/2010 16:46		0.83	0.93
6/22/2010 17:01		0.84	0.93
6/22/2010 17:16		0.86	0.95
6/22/2010 17:31		0.86	0.95
6/22/2010 17:46		0.86	0.95
6/22/2010 18:01		0.86	0.95
6/22/2010 18:16		0.86	0.95
6/22/2010 18:31		0.86	0.95
6/22/2010 18:46		0.85	0.93
6/22/2010 19:01		0.84	0.92
6/22/2010 19:16		0.83	0.93
6/22/2010 19:31		0.82	0.91
6/22/2010 19:46		0.80	0.88
6/22/2010 20:01		0.79	0.88
6/22/2010 20:16		0.78	0.86
6/22/2010 20:31		0.76	0.85
6/22/2010 20:46		0.75	0.84
6/22/2010 21:01		0.74	0.83
6/22/2010 21:16		0.72	0.81
6/22/2010 21:31		0.71	0.81
6/22/2010 21:46		0.69	0.79
6/22/2010 22:01		0.68	0.79
6/22/2010 22:16		0.66	0.77
6/22/2010 22:31		0.65	0.76
6/22/2010 22:46		0.64	0.75
6/22/2010 23:01		0.62	0.74
6/22/2010 23:16		0.61	0.72
6/22/2010 23:31		0.61	0.73
6/22/2010 23:46		0.60	0.72
6/23/2010 0:01		0.59	0.71
6/23/2010 0:16		0.58	0.70
6/23/2010 0:31		0.58	0.69
6/23/2010 0:46		0.59	0.70
6/23/2010 1:01		0.65	0.76
6/23/2010 1:16		0.70	0.81
6/23/2010 1:31		0.73	0.84
6/23/2010 1:46		0.76	0.87
6/23/2010 2:01		0.76	0.86
6/23/2010 2:16		0.80	0.90
6/23/2010 2:31		0.85	0.95
6/23/2010 2:46		0.90	1.00
6/23/2010 3:01		0.95	1.04
6/23/2010 3:16		1.00	1.10
6/23/2010 3:31		1.03	1.13
6/23/2010 3:46		1.06	1.16
6/23/2010 4:01		1.10	1.20
6/23/2010 4:16		1.13	1.23
6/23/2010 4:31		1.17	1.27
6/23/2010 4:46		1.21	1.31
6/23/2010 5:01		1.24	1.34
6/23/2010 5:16		1.26	1.37
6/23/2010 5:31		1.28	1.39
6/23/2010 5:46		1.29	1.39
6/23/2010 6:01		1.29	1.39
6/23/2010 6:16		1.30	1.40
6/23/2010 6:31		1.31	1.41
6/23/2010 6:46		1.31	1.42
6/23/2010 7:01		1.31	1.42

PZ01I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/10/2010 17:15	2.611979	0.41	0.49
6/10/2010 17:30	2.611398	0.41	0.49
6/10/2010 17:45	2.611114	0.41	0.49
6/10/2010 18:00	2.611385	0.41	0.49
6/10/2010 18:15	2.609654	0.41	0.49
6/10/2010 18:30	2.610449	0.41	0.49
6/10/2010 18:45	2.60999	0.41	0.50
6/10/2010 19:00	2.608728	0.41	0.51
6/10/2010 19:15	2.610405	0.41	0.51
6/10/2010 19:30	2.610371	0.41	0.51
6/10/2010 19:45	2.609853	0.41	0.52
6/10/2010 20:00	2.610716	0.41	0.52
6/10/2010 20:15	2.610415	0.41	0.52
6/10/2010 20:30	2.610883	0.41	0.53
6/10/2010 20:45	2.610491	0.41	0.54
6/10/2010 21:00	2.608375	0.41	0.55
6/10/2010 21:15	2.613135	0.41	0.56
6/10/2010 21:30	2.611488	0.41	0.57
6/10/2010 21:45	2.611887	0.41	0.58
6/10/2010 22:00	2.612296	0.41	0.59
6/10/2010 22:15	2.614342	0.41	0.60
6/10/2010 22:30	2.614017	0.41	0.61
6/10/2010 22:45	2.613374	0.41	0.62
6/10/2010 23:00	2.615119	0.40	0.61
6/10/2010 23:15	2.616038	0.40	0.61
6/10/2010 23:30	2.617061	0.40	0.61
6/10/2010 23:45	2.618748	0.40	0.61
6/11/2010 0:00	2.618068	0.40	0.62
6/11/2010 0:15	2.615231	0.40	0.63
6/11/2010 0:30	2.614849	0.41	0.64
6/11/2010 0:45	2.611379	0.41	0.66
6/11/2010 1:00	2.610416	0.41	0.65
6/11/2010 1:15	2.607306	0.41	0.66
6/11/2010 1:30	2.602851	0.42	0.67
6/11/2010 1:45	2.59924	0.42	0.67
6/11/2010 2:00	2.597511	0.42	0.68
6/11/2010 2:15	2.592546	0.43	0.70
6/11/2010 2:30	2.586785	0.43	0.70
6/11/2010 2:45	2.583388	0.44	0.72
6/11/2010 3:00	2.578057	0.44	0.72
6/11/2010 3:15	2.572901	0.45	0.73
6/11/2010 3:30	2.566954	0.45	0.74
6/11/2010 3:45	2.562147	0.46	0.75
6/11/2010 4:00	2.556434	0.46	0.75
6/11/2010 4:15	2.551244	0.47	0.76
6/11/2010 4:30	2.548127	0.47	0.76
6/11/2010 4:45	2.543829	0.48	0.77
6/11/2010 5:00	2.535524	0.48	0.77
6/11/2010 5:15	2.532181	0.49	0.80
6/11/2010 5:30	2.526875	0.49	0.81
6/11/2010 5:45	2.523802	0.50	0.82
6/11/2010 6:00	2.517672	0.50	0.83
6/11/2010 6:15	2.515268	0.50	0.84
6/11/2010 6:30	2.512049	0.51	0.86
6/11/2010 6:45	2.508723	0.51	0.86
6/11/2010 7:00	2.506047	0.51	0.87
6/11/2010 7:15	2.507663	0.51	0.87
6/11/2010 7:30	2.504683	0.52	0.89
6/11/2010 7:45	2.504778	0.52	0.90
6/11/2010 8:00	2.506089	0.51	0.89
6/11/2010 8:15	2.505171	0.51	0.89
6/11/2010 8:30	2.505508	0.51	0.90
6/11/2010 8:45	2.508152	0.51	0.91
6/11/2010 9:00	2.506924	0.51	0.92
6/11/2010 9:15	2.510486	0.51	0.93
6/11/2010 9:30	2.511937	0.51	0.93
6/11/2010 9:45	2.514024	0.51	0.93
6/11/2010 10:00	2.518733	0.50	0.92
6/11/2010 10:15	2.520885	0.50	0.91

PZ01D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/10/2010 17:15	2.338147	0.38	0.46
6/10/2010 17:30	2.334419	0.39	0.47
6/10/2010 17:45	2.332699	0.39	0.47
6/10/2010 18:00	2.332548	0.39	0.47
6/10/2010 18:15	2.331508	0.39	0.47
6/10/2010 18:30	2.336627	0.38	0.46
6/10/2010 18:45	2.337942	0.38	0.47
6/10/2010 19:00	2.338424	0.38	0.48
6/10/2010 19:15	2.351934	0.37	0.47
6/10/2010 19:30	2.368767	0.35	0.46
6/10/2010 19:45	2.387589	0.33	0.45
6/10/2010 20:00	2.403696	0.32	0.44
6/10/2010 20:15	2.420171	0.30	0.42
6/10/2010 20:30	2.434075	0.29	0.42
6/10/2010 20:45	2.449261	0.27	0.41
6/10/2010 21:00	2.46423	0.26	0.41
6/10/2010 21:15	2.482806	0.24	0.40
6/10/2010 21:30	2.502898	0.22	0.38
6/10/2010 21:45	2.525059	0.19	0.36
6/10/2010 22:00	2.546527	0.17	0.35
6/10/2010 22:15	2.561532	0.16	0.35
6/10/2010 22:30	2.580313	0.14	0.34
6/10/2010 22:45	2.589199	0.13	0.34
6/10/2010 23:00	2.598934	0.12	0.33
6/10/2010 23:15	2.612876	0.11	0.32
6/10/2010 23:30	2.617899	0.10	0.31
6/10/2010 23:45	2.622395	0.10	0.31
6/11/2010 0:00	2.628675	0.09	0.31
6/11/2010 0:15	2.627421	0.09	0.32
6/11/2010 0:30	2.621646	0.10	0.33
6/11/2010 0:45	2.608301	0.11	0.36
6/11/2010 1:00	2.581881	0.14	0.38
6/11/2010 1:15	2.547197	0.17	0.42
6/11/2010 1:30	2.506151	0.21	0.46
6/11/2010 1:45	2.466656	0.25	0.50
6/11/2010 2:00	2.434853	0.29	0.55
6/11/2010 2:15	2.407284	0.31	0.58
6/11/2010 2:30	2.365465	0.35	0.62
6/11/2010 2:45	2.308716	0.41	0.69
6/11/2010 3:00	2.242884	0.48	0.76
6/11/2010 3:15	2.172432	0.55	0.83
6/11/2010 3:30	2.104905	0.62	0.91
6/11/2010 3:45	2.047354	0.67	0.96
6/11/2010 4:00	1.999345	0.72	1.01
6/11/2010 4:15	1.953942	0.77	1.06
6/11/2010 4:30	1.909709	0.81	1.11
6/11/2010 4:45	1.863227	0.86	1.16
6/11/2010 5:00	1.805852	0.91	1.21
6/11/2010 5:15	1.748122	0.97	1.29
6/11/2010 5:30	1.702049	1.02	1.35
6/11/2010 5:45	1.662188	1.06	1.39
6/11/2010 6:00	1.62744	1.09	1.43
6/11/2010 6:15	1.59483	1.13	1.48
6/11/2010 6:30	1.559872	1.16	1.52
6/11/2010 6:45	1.533204	1.19	1.55
6/11/2010 7:00	1.511555	1.21	1.58
6/11/2010 7:15	1.497553	1.22	1.59
6/11/2010 7:30	1.498032	1.22	1.60
6/11/2010 7:45	1.503393	1.22	1.61
6/11/2010 8:00	1.51584	1.20	1.59
6/11/2010 8:15	1.526042	1.19	1.58
6/11/2010 8:30	1.533429	1.19	1.59
6/11/2010 8:45	1.542002	1.18	1.59
6/11/2010 9:00	1.559931	1.16	1.58
6/11/2010 9:15	1.581828	1.14	1.57
6/11/2010 9:30	1.606045	1.11	1.54
6/11/2010 9:45	1.637944	1.08	1.51
6/11/2010 10:00	1.669294	1.05	1.48
6/11/2010 10:15	1.701236	1.02	1.44

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/23/2010 7:16		1.30	1.41
6/23/2010 7:31		1.29	1.41
6/23/2010 7:46		1.27	1.39
6/23/2010 8:01		1.25	1.37
6/23/2010 8:16		1.22	1.35
6/23/2010 8:31		1.20	1.33
6/23/2010 8:46		1.18	1.31
6/23/2010 9:01		1.15	1.28
6/23/2010 9:16		1.12	1.25
6/23/2010 9:31		1.09	1.21
6/23/2010 9:46		1.06	1.18
6/23/2010 10:01		1.03	1.15
6/23/2010 10:16		0.99	1.11
6/23/2010 10:31		0.96	1.08
6/23/2010 10:46		0.92	1.04
6/23/2010 11:01		0.88	0.99
6/23/2010 11:16		0.85	0.97
6/23/2010 11:31		0.81	0.92
6/23/2010 11:46		0.77	0.88
6/23/2010 12:01		0.74	0.85
6/23/2010 12:16		0.71	0.82
6/23/2010 12:31		0.68	0.78
6/23/2010 12:46		0.65	0.75
6/23/2010 13:01		0.63	0.73
6/23/2010 13:16		0.62	0.72
6/23/2010 13:31		0.61	0.71
6/23/2010 13:46		0.60	0.70
6/23/2010 14:01		0.59	0.69
6/23/2010 14:16		0.59	0.69
6/23/2010 14:31		0.59	0.68
6/23/2010 14:46		0.59	0.68
6/23/2010 15:01		0.60	0.69
6/23/2010 15:16		0.61	0.70
6/23/2010 15:31		0.62	0.71
6/23/2010 15:46		0.65	0.73
6/23/2010 16:01		0.67	0.75
6/23/2010 16:16		0.69	0.77
6/23/2010 16:31		0.70	0.78
6/23/2010 16:46		0.72	0.79
6/23/2010 17:01		0.73	0.79
6/23/2010 17:16		0.73	0.79
6/23/2010 17:31		0.74	0.80
6/23/2010 17:46		0.75	0.81
6/23/2010 18:01		0.75	0.81
6/23/2010 18:16		0.75	0.81
6/23/2010 18:31		0.75	0.81
6/23/2010 18:46		0.75	0.81
6/23/2010 19:01		0.74	0.80
6/23/2010 19:16		0.73	0.80
6/23/2010 19:31		0.72	0.79
6/23/2010 19:46		0.71	0.78
6/23/2010 20:01		0.69	0.76
6/23/2010 20:16		0.68	0.74
6/23/2010 20:31		0.66	0.72
6/23/2010 20:46		0.64	0.70
6/23/2010 21:01		0.62	0.68
6/23/2010 21:16		0.60	0.66
6/23/2010 21:31		0.58	0.65
6/23/2010 21:46		0.56	0.62
6/23/2010 22:01		0.54	0.60
6/23/2010 22:16		0.52	0.57
6/23/2010 22:31		0.49	0.54
6/23/2010 22:46		0.47	0.52
6/23/2010 23:01		0.45	0.49
6/23/2010 23:16		0.43	0.47
6/23/2010 23:31		0.41	0.45
6/23/2010 23:46		0.39	0.43
6/24/2010 0:01		0.38	0.42
6/24/2010 0:16		0.37	0.42

PZ01I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/11/2010 10:30	2.525522	0.49	0.90
6/11/2010 10:45	2.527594	0.49	0.91
6/11/2010 11:00	2.531254	0.49	0.92
6/11/2010 11:15	2.535868	0.48	0.91
6/11/2010 11:30	2.538498	0.48	0.91
6/11/2010 11:45	2.54146	0.48	0.91
6/11/2010 12:00	2.546683	0.47	0.89
6/11/2010 12:15	2.549313	0.47	0.88
6/11/2010 12:30	2.551896	0.47	0.89
6/11/2010 12:45	2.555537	0.46	0.88
6/11/2010 13:00	2.559318	0.46	0.88
6/11/2010 13:15	2.563325	0.46	0.87
6/11/2010 13:30	2.567831	0.45	0.86
6/11/2010 13:45	2.571166	0.45	0.86
6/11/2010 14:00	2.57356	0.45	0.86
6/11/2010 14:15	2.574278	0.45	0.86
6/11/2010 14:30	2.578001	0.44	0.85
6/11/2010 14:45	2.576197	0.44	0.85
6/11/2010 15:00	2.576153	0.44	0.86
6/11/2010 15:15	2.577022	0.44	0.84
6/11/2010 15:30	2.576904	0.44	0.83
6/11/2010 15:45	2.578898	0.44	0.82
6/11/2010 16:00	2.577175	0.44	0.81
6/11/2010 16:15	2.573446	0.45	0.82
6/11/2010 16:30	2.573087	0.45	0.83
6/11/2010 16:45	2.570361	0.45	0.83
6/11/2010 17:00	2.568392	0.45	0.83
6/11/2010 17:15	2.565962	0.45	0.82
6/11/2010 17:30	2.563216	0.46	0.83
6/11/2010 17:45	2.561337	0.46	0.83
6/11/2010 18:00	2.558554	0.46	0.83
6/11/2010 18:15	2.554747	0.47	0.84
6/11/2010 18:30	2.552599	0.47	0.84
6/11/2010 18:45	2.551091	0.47	0.84
6/11/2010 19:00	2.55084	0.47	0.84
6/11/2010 19:15	2.549678	0.47	0.85
6/11/2010 19:30	2.546398	0.47	0.85
6/11/2010 19:45	2.545919	0.47	0.85
6/11/2010 20:00	2.545721	0.47	0.86
6/11/2010 20:15	2.544937	0.48	0.86
6/11/2010 20:30	2.545853	0.47	0.86
6/11/2010 20:45	2.546965	0.47	0.86
6/11/2010 21:00	2.547441	0.47	0.86
6/11/2010 21:15	2.549215	0.47	0.86
6/11/2010 21:30	2.550494	0.47	0.86
6/11/2010 21:45	2.550597	0.47	0.88
6/11/2010 22:00	2.552738	0.47	0.88
6/11/2010 22:15	2.552589	0.47	0.88
6/11/2010 22:30	2.554022	0.47	0.88
6/11/2010 22:45	2.555663	0.46	0.87
6/11/2010 23:00	2.556859	0.46	0.87
6/11/2010 23:15	2.558011	0.46	0.86
6/11/2010 23:30	2.558188	0.46	0.87
6/11/2010 23:45	2.561805	0.46	0.86
6/12/2010 0:00	2.561266	0.46	0.86
6/12/2010 0:15	2.562569	0.46	0.86
6/12/2010 0:30	2.564449	0.46	0.85
6/12/2010 0:45	2.564732	0.46	0.85
6/12/2010 1:00	2.566025	0.45	0.84
6/12/2010 1:15	2.565143	0.45	0.84
6/12/2010 1:30	2.563676	0.46	0.85
6/12/2010 1:45	2.561368	0.46	0.85
6/12/2010 2:00	2.560047	0.46	0.85
6/12/2010 2:15	2.55699	0.46	0.84
6/12/2010 2:30	2.556328	0.46	0.84
6/12/2010 2:45	2.554877	0.47	0.84
6/12/2010 3:00	2.552412	0.47	0.84
6/12/2010 3:15	2.549158	0.47	0.86
6/12/2010 3:30	2.544003	0.48	0.85

PZ01D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/11/2010 10:30	1.736316	0.98	1.40
6/11/2010 10:45	1.768181	0.95	1.38
6/11/2010 11:00	1.798867	0.92	1.36
6/11/2010 11:15	1.835343	0.88	1.32
6/11/2010 11:30	1.876351	0.84	1.28
6/11/2010 11:45	1.9163	0.80	1.24
6/11/2010 12:00	1.955854	0.76	1.19
6/11/2010 12:15	1.993236	0.73	1.15
6/11/2010 12:30	2.030412	0.69	1.12
6/11/2010 12:45	2.065328	0.65	1.08
6/11/2010 13:00	2.103439	0.62	1.05
6/11/2010 13:15	2.140225	0.58	1.00
6/11/2010 13:30	2.173974	0.55	0.97
6/11/2010 13:45	2.204574	0.52	0.94
6/11/2010 14:00	2.23161	0.49	0.91
6/11/2010 14:15	2.254163	0.47	0.89
6/11/2010 14:30	2.264708	0.46	0.88
6/11/2010 14:45	2.271179	0.45	0.87
6/11/2010 15:00	2.273541	0.45	0.88
6/11/2010 15:15	2.26493	0.46	0.87
6/11/2010 15:30	2.253924	0.47	0.87
6/11/2010 15:45	2.238239	0.48	0.87
6/11/2010 16:00	2.22272	0.50	0.88
6/11/2010 16:15	2.202268	0.52	0.90
6/11/2010 16:30	2.181637	0.54	0.93
6/11/2010 16:45	2.157375	0.56	0.95
6/11/2010 17:00	2.12773	0.59	0.98
6/11/2010 17:15	2.089716	0.63	1.01
6/11/2010 17:30	2.055093	0.66	1.04
6/11/2010 17:45	2.013661	0.71	1.09
6/11/2010 18:00	1.987158	0.73	1.11
6/11/2010 18:15	1.96323	0.76	1.14
6/11/2010 18:30	1.947234	0.77	1.15
6/11/2010 18:45	1.933369	0.79	1.17
6/11/2010 19:00	1.913824	0.81	1.19
6/11/2010 19:15	1.899962	0.82	1.21
6/11/2010 19:30	1.891862	0.83	1.22
6/11/2010 19:45	1.885624	0.83	1.22
6/11/2010 20:00	1.887381	0.83	1.23
6/11/2010 20:15	1.894611	0.83	1.22
6/11/2010 20:30	1.907287	0.81	1.21
6/11/2010 20:45	1.928748	0.79	1.19
6/11/2010 21:00	1.947851	0.77	1.17
6/11/2010 21:15	1.974451	0.75	1.15
6/11/2010 21:30	1.993904	0.73	1.13
6/11/2010 21:45	2.011575	0.71	1.13
6/11/2010 22:00	2.040678	0.68	1.10
6/11/2010 22:15	2.067639	0.65	1.07
6/11/2010 22:30	2.089276	0.63	1.05
6/11/2010 22:45	2.108758	0.61	1.03
6/11/2010 23:00	2.124559	0.60	1.02
6/11/2010 23:15	2.143894	0.58	0.99
6/11/2010 23:30	2.160667	0.56	0.98
6/11/2010 23:45	2.183466	0.54	0.95
6/12/2010 0:00	2.200222	0.52	0.93
6/12/2010 0:15	2.215826	0.50	0.91
6/12/2010 0:30	2.234554	0.49	0.89
6/12/2010 0:45	2.247319	0.47	0.87
6/12/2010 1:00	2.257653	0.46	0.86
6/12/2010 1:15	2.254345	0.47	0.87
6/12/2010 1:30	2.237286	0.48	0.88
6/12/2010 1:45	2.214179	0.51	0.91
6/12/2010 2:00	2.190552	0.53	0.93
6/12/2010 2:15	2.169111	0.55	0.94
6/12/2010 2:30	2.150131	0.57	0.96
6/12/2010 2:45	2.125295	0.59	0.97
6/12/2010 3:00	2.094002	0.63	1.01
6/12/2010 3:15	2.051226	0.67	1.07
6/12/2010 3:30	1.999986	0.72	1.10

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/24/2010 0:31		0.36	0.41
6/24/2010 0:46		0.36	0.41
6/24/2010 1:01		0.37	0.42
6/24/2010 1:16		0.38	0.43
6/24/2010 1:31		0.39	0.44
6/24/2010 1:46		0.41	0.46
6/24/2010 2:01		0.44	0.49
6/24/2010 2:16		0.47	0.52
6/24/2010 2:31		0.51	0.56
6/24/2010 2:46		0.56	0.61
6/24/2010 3:01		0.60	0.64
6/24/2010 3:16		0.64	0.68
6/24/2010 3:31		0.69	0.73
6/24/2010 3:46		0.74	0.78
6/24/2010 4:01		0.79	0.83
6/24/2010 4:16		0.84	0.88
6/24/2010 4:31		0.88	0.92
6/24/2010 4:46		0.92	0.96
6/24/2010 5:01		0.97	1.00
6/24/2010 5:16		1.00	1.03
6/24/2010 5:31		1.04	1.07
6/24/2010 5:46		1.08	1.11
6/24/2010 6:01		1.11	1.14
6/24/2010 6:16		1.14	1.17
6/24/2010 6:31		1.16	1.19
6/24/2010 6:46		1.17	1.20
6/24/2010 7:01		1.18	1.21
6/24/2010 7:16		1.19	1.21
6/24/2010 7:31		1.20	1.22
6/24/2010 7:46		1.20	1.22
6/24/2010 8:01		1.19	1.21
6/24/2010 8:16		1.19	1.21
6/24/2010 8:31		1.18	1.20
6/24/2010 8:46		1.17	1.18
6/24/2010 9:01		1.15	1.16
6/24/2010 9:16		1.13	1.14
6/24/2010 9:31		1.11	1.12
6/24/2010 9:46		1.09	1.10
6/24/2010 10:01		1.06	1.06
6/24/2010 10:16		1.04	1.05
6/24/2010 10:31		1.01	1.02
6/24/2010 10:46		0.97	0.97
6/24/2010 11:01		0.94	0.94
6/24/2010 11:16		0.90	0.90
6/24/2010 11:31		0.86	0.86
6/24/2010 11:46		0.83	0.83
6/24/2010 12:01		0.80	0.81
6/24/2010 12:16		0.77	0.77
6/24/2010 12:31		0.74	0.74
6/24/2010 12:46		0.70	0.70
6/24/2010 13:01		0.67	0.66
6/24/2010 13:16		0.64	0.63
6/24/2010 13:31		0.62	0.60
6/24/2010 13:46		0.59	0.57
6/24/2010 14:01		0.58	0.55
6/24/2010 14:16		0.57	0.54
6/24/2010 14:31		0.56	0.53
6/24/2010 14:46		0.55	0.52
6/24/2010 15:01		0.55	0.52
6/24/2010 15:16		0.55	0.52
6/24/2010 15:31		0.55	0.52
6/24/2010 15:46		0.56	0.53
6/24/2010 16:01		0.57	0.54
6/24/2010 16:16		0.59	0.56
6/24/2010 16:31		0.61	0.58
6/24/2010 16:46		0.64	0.60
6/24/2010 17:01		0.65	0.61
6/24/2010 17:16		0.67	0.63
6/24/2010 17:31		0.67	0.64

PZ01I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/12/2010 3:45	2.540171	0.48	0.86
6/12/2010 4:00	2.537031	0.48	0.86
6/12/2010 4:15	2.530991	0.49	0.86
6/12/2010 4:30	2.526766	0.49	0.87
6/12/2010 4:45	2.522736	0.50	0.87
6/12/2010 5:00	2.518855	0.50	0.87
6/12/2010 5:15	2.513856	0.51	0.89
6/12/2010 5:30	2.510435	0.51	0.89
6/12/2010 5:45	2.506409	0.51	0.89
6/12/2010 6:00	2.502843	0.52	0.91
6/12/2010 6:15	2.498394	0.52	0.91
6/12/2010 6:30	2.495603	0.52	0.90
6/12/2010 6:45	2.49346	0.53	0.91
6/12/2010 7:00	2.489376	0.53	0.91
6/12/2010 7:15	2.487797	0.53	0.91
6/12/2010 7:30	2.487321	0.53	0.91
6/12/2010 7:45	2.485473	0.53	0.91
6/12/2010 8:00	2.484136	0.54	0.93
6/12/2010 8:15	2.485298	0.53	0.91
6/12/2010 8:30	2.485758	0.53	0.90
6/12/2010 8:45	2.486578	0.53	0.90
6/12/2010 9:00	2.486252	0.53	0.91
6/12/2010 9:15	2.487669	0.53	0.91
6/12/2010 9:30	2.490665	0.53	0.91
6/12/2010 9:45	2.492762	0.53	0.90
6/12/2010 10:00	2.494012	0.53	0.90
6/12/2010 10:15	2.496044	0.52	0.88
6/12/2010 10:30	2.497055	0.52	0.88
6/12/2010 10:45	2.500635	0.52	0.87
6/12/2010 11:00	2.504882	0.52	0.87
6/12/2010 11:15	2.50783	0.51	0.86
6/12/2010 11:30	2.511474	0.51	0.86
6/12/2010 11:45	2.516015	0.50	0.84
6/12/2010 12:00	2.520386	0.50	0.83
6/12/2010 12:15	2.52318	0.50	0.83
6/12/2010 12:30	2.527628	0.49	0.81
6/12/2010 12:45	2.530229	0.49	0.80
6/12/2010 13:00	2.53564	0.48	0.78
6/12/2010 13:15	2.540282	0.48	0.77
6/12/2010 13:30	2.545358	0.47	0.76
6/12/2010 13:45	2.548059	0.47	0.76
6/12/2010 14:00	2.551231	0.47	0.75
6/12/2010 14:15	2.55541	0.46	0.73
6/12/2010 14:30	2.556845	0.46	0.73
6/12/2010 14:45	2.560205	0.46	0.71
6/12/2010 15:00	2.561274	0.46	0.71
6/12/2010 15:15	2.562495	0.46	0.71
6/12/2010 15:30	2.56344	0.46	0.70
6/12/2010 15:45	2.561237	0.46	0.69
6/12/2010 16:00	2.561294	0.46	0.68
6/12/2010 16:15	2.5588	0.46	0.68
6/12/2010 16:30	2.559165	0.46	0.67
6/12/2010 16:45	2.555725	0.46	0.67
6/12/2010 17:00	2.554035	0.47	0.68
6/12/2010 17:15	2.55041	0.47	0.68
6/12/2010 17:30	2.548105	0.47	0.67
6/12/2010 17:45	2.545579	0.47	0.66
6/12/2010 18:00	2.543262	0.48	0.67
6/12/2010 18:15	2.541068	0.48	0.66
6/12/2010 18:30	2.538046	0.48	0.66
6/12/2010 18:45	2.535599	0.48	0.66
6/12/2010 19:00	2.533184	0.49	0.67
6/12/2010 19:15	2.532657	0.49	0.67
6/12/2010 19:30	2.529802	0.49	0.68
6/12/2010 19:45	2.528277	0.49	0.66
6/12/2010 20:00	2.526143	0.49	0.66
6/12/2010 20:15	2.527893	0.49	0.66
6/12/2010 20:30	2.526099	0.49	0.65
6/12/2010 20:45	2.522974	0.50	0.66

PZ01D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/12/2010 3:45	1.946973	0.77	1.16
6/12/2010 4:00	1.89462	0.83	1.22
6/12/2010 4:15	1.840778	0.88	1.26
6/12/2010 4:30	1.789162	0.93	1.32
6/12/2010 4:45	1.735737	0.98	1.36
6/12/2010 5:00	1.682401	1.04	1.42
6/12/2010 5:15	1.628081	1.09	1.48
6/12/2010 5:30	1.577558	1.14	1.53
6/12/2010 5:45	1.531265	1.19	1.58
6/12/2010 6:00	1.481768	1.24	1.64
6/12/2010 6:15	1.437001	1.28	1.68
6/12/2010 6:30	1.390195	1.33	1.72
6/12/2010 6:45	1.351188	1.37	1.76
6/12/2010 7:00	1.317656	1.40	1.79
6/12/2010 7:15	1.287286	1.43	1.82
6/12/2010 7:30	1.264614	1.46	1.85
6/12/2010 7:45	1.244308	1.48	1.87
6/12/2010 8:00	1.230487	1.49	1.89
6/12/2010 8:15	1.221315	1.50	1.89
6/12/2010 8:30	1.219115	1.50	1.88
6/12/2010 8:45	1.221758	1.50	1.88
6/12/2010 9:00	1.230189	1.49	1.88
6/12/2010 9:15	1.246113	1.47	1.86
6/12/2010 9:30	1.263391	1.46	1.85
6/12/2010 9:45	1.280659	1.44	1.82
6/12/2010 10:00	1.297215	1.42	1.80
6/12/2010 10:15	1.313705	1.41	1.78
6/12/2010 10:30	1.329584	1.39	1.76
6/12/2010 10:45	1.360596	1.36	1.72
6/12/2010 11:00	1.39452	1.33	1.69
6/12/2010 11:15	1.429227	1.29	1.65
6/12/2010 11:30	1.46672	1.25	1.61
6/12/2010 11:45	1.497598	1.22	1.57
6/12/2010 12:00	1.530584	1.19	1.53
6/12/2010 12:15	1.566145	1.15	1.49
6/12/2010 12:30	1.602095	1.12	1.45
6/12/2010 12:45	1.638445	1.08	1.40
6/12/2010 13:00	1.676287	1.04	1.35
6/12/2010 13:15	1.711021	1.01	1.30
6/12/2010 13:30	1.742904	0.98	1.27
6/12/2010 13:45	1.775943	0.94	1.23
6/12/2010 14:00	1.805507	0.91	1.19
6/12/2010 14:15	1.838	0.88	1.15
6/12/2010 14:30	1.860816	0.86	1.13
6/12/2010 14:45	1.879286	0.84	1.09
6/12/2010 15:00	1.892101	0.83	1.08
6/12/2010 15:15	1.892654	0.83	1.08
6/12/2010 15:30	1.882831	0.84	1.08
6/12/2010 15:45	1.875524	0.84	1.07
6/12/2010 16:00	1.861468	0.86	1.08
6/12/2010 16:15	1.848774	0.87	1.09
6/12/2010 16:30	1.828921	0.89	1.10
6/12/2010 16:45	1.808729	0.91	1.12
6/12/2010 17:00	1.785216	0.93	1.14
6/12/2010 17:15	1.747016	0.97	1.18
6/12/2010 17:30	1.710463	1.01	1.21
6/12/2010 17:45	1.671741	1.05	1.24
6/12/2010 18:00	1.63404	1.09	1.28
6/12/2010 18:15	1.601225	1.12	1.30
6/12/2010 18:30	1.572572	1.15	1.33
6/12/2010 18:45	1.545422	1.17	1.35
6/12/2010 19:00	1.517897	1.20	1.38
6/12/2010 19:15	1.494295	1.23	1.41
6/12/2010 19:30	1.474142	1.25	1.44
6/12/2010 19:45	1.45556	1.26	1.43
6/12/2010 20:00	1.442446	1.28	1.45
6/12/2010 20:15	1.429421	1.29	1.46
6/12/2010 20:30	1.420887	1.30	1.46
6/12/2010 20:45	1.406952	1.31	1.47

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/24/2010 17:46		0.68	0.65
6/24/2010 18:01		0.71	0.68
6/24/2010 18:16		0.74	0.72
6/24/2010 18:31		0.78	0.76
6/24/2010 18:46		0.79	0.77
6/24/2010 19:01		0.79	0.77
6/24/2010 19:16		0.78	0.77
6/24/2010 19:31		0.77	0.76
6/24/2010 19:46		0.76	0.75
6/24/2010 20:01		0.75	0.75
6/24/2010 20:16		0.75	0.75
6/24/2010 20:31		0.74	0.74
6/24/2010 20:46		0.73	0.74
6/24/2010 21:01		0.72	0.73
6/24/2010 21:16		0.70	0.71
6/24/2010 21:31		0.68	0.70
6/24/2010 21:46		0.64	0.67
6/24/2010 22:01		0.61	0.64
6/24/2010 22:16		0.59	0.63
6/24/2010 22:31		0.58	0.62
6/24/2010 22:46		0.56	0.60
6/24/2010 23:01		0.54	0.58
6/24/2010 23:16		0.51	0.56
6/24/2010 23:31		0.48	0.53
6/24/2010 23:46		0.45	0.50
6/25/2010 0:01		0.42	0.47
6/25/2010 0:16		0.40	0.45
6/25/2010 0:31		0.38	0.43
6/25/2010 0:46		0.36	0.41
6/25/2010 1:01		0.35	0.40
6/25/2010 1:16		0.33	0.39
6/25/2010 1:31		0.32	0.38
6/25/2010 1:46		0.31	0.36
6/25/2010 2:01		0.31	0.36
6/25/2010 2:16		0.31	0.37
6/25/2010 2:31		0.33	0.38
6/25/2010 2:46		0.34	0.40
6/25/2010 3:01		0.36	0.41
6/25/2010 3:16		0.38	0.44
6/25/2010 3:31		0.41	0.47
6/25/2010 3:46		0.45	0.51
6/25/2010 4:01		0.49	0.55
6/25/2010 4:16		0.53	0.59
6/25/2010 4:31		0.56	0.63
6/25/2010 4:46		0.60	0.68
6/25/2010 5:01		0.63	0.71
6/25/2010 5:16		0.67	0.76
6/25/2010 5:31		0.72	0.81
6/25/2010 5:46		0.76	0.85
6/25/2010 6:01		0.79	0.89
6/25/2010 6:16		0.82	0.92
6/25/2010 6:31		0.85	0.96
6/25/2010 6:46		0.88	0.99
6/25/2010 7:01		0.90	1.01
6/25/2010 7:16		0.92	1.04
6/25/2010 7:31		0.93	1.05
6/25/2010 7:46		0.94	1.06
6/25/2010 8:01		0.94	1.07
6/25/2010 8:16		0.94	1.08
6/25/2010 8:31		0.94	1.08
6/25/2010 8:46		0.93	1.07
6/25/2010 9:01		0.91	1.05
6/25/2010 9:16		0.89	1.03
6/25/2010 9:31		0.87	1.01
6/25/2010 9:46		0.85	0.99
6/25/2010 10:01		0.83	0.97
6/25/2010 10:16		0.81	0.94
6/25/2010 10:31		0.78	0.91
6/25/2010 10:46		0.75	0.88

PZ01I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/12/2010 21:00	2.523824	0.50	0.66
6/12/2010 21:15	2.52651	0.49	0.65
6/12/2010 21:30	2.528006	0.49	0.65
6/12/2010 21:45	2.531964	0.49	0.65
6/12/2010 22:00	2.534776	0.49	0.65
6/12/2010 22:15	2.536053	0.48	0.65
6/12/2010 22:30	2.534866	0.49	0.65
6/12/2010 22:45	2.535297	0.48	0.63
6/12/2010 23:00	2.538658	0.48	0.63
6/12/2010 23:15	2.541997	0.48	0.63
6/12/2010 23:30	2.54568	0.47	0.63
6/12/2010 23:45	2.550205	0.47	0.62
6/13/2010 0:00	2.55246	0.47	0.61
6/13/2010 0:15	2.552711	0.47	0.61
6/13/2010 0:30	2.554188	0.47	0.62
6/13/2010 0:45	2.560202	0.46	0.60
6/13/2010 1:00	2.559494	0.46	0.60
6/13/2010 1:15	2.562021	0.46	0.60
6/13/2010 1:30	2.564813	0.46	0.59
6/13/2010 1:45	2.566345	0.45	0.58
6/13/2010 2:00	2.569187	0.45	0.59
6/13/2010 2:15	2.569972	0.45	0.58
6/13/2010 2:30	2.569622	0.45	0.59
6/13/2010 2:45	2.570162	0.45	0.58
6/13/2010 3:00	2.569252	0.45	0.58
6/13/2010 3:15	2.570585	0.45	0.58
6/13/2010 3:30	2.569577	0.45	0.56
6/13/2010 3:45	2.567179	0.45	0.57
6/13/2010 4:00	2.564258	0.46	0.56
6/13/2010 4:15	2.562162	0.46	0.56
6/13/2010 4:30	2.560848	0.46	0.57
6/13/2010 4:45	2.55902	0.46	0.57
6/13/2010 5:00	2.554242	0.47	0.58
6/13/2010 5:15	2.551621	0.47	0.58
6/13/2010 5:30	2.547885	0.47	0.58
6/13/2010 5:45	2.541876	0.48	0.60
6/13/2010 6:00	2.538244	0.48	0.60
6/13/2010 6:15	2.535065	0.48	0.61
6/13/2010 6:30	2.531794	0.49	0.62
6/13/2010 6:45	2.529174	0.49	0.61
6/13/2010 7:00	2.524902	0.50	0.62
6/13/2010 7:15	2.522326	0.50	0.62
6/13/2010 7:30	2.519734	0.50	0.61
6/13/2010 7:45	2.518607	0.50	0.60
6/13/2010 8:00	2.517688	0.50	0.60
6/13/2010 8:15	2.515736	0.50	0.60
6/13/2010 8:30	2.513805	0.51	0.61
6/13/2010 8:45	2.514716	0.51	0.61
6/13/2010 9:00	2.514786	0.51	0.61
6/13/2010 9:15	2.515818	0.50	0.60
6/13/2010 9:30	2.517173	0.50	0.60
6/13/2010 9:45	2.518983	0.50	0.60
6/13/2010 10:00	2.520791	0.50	0.60
6/13/2010 10:15	2.523752	0.50	0.61
6/13/2010 10:30	2.525792	0.49	0.59
6/13/2010 10:45	2.530792	0.49	0.59
6/13/2010 11:00	2.534504	0.49	0.59
6/13/2010 11:15	2.538648	0.48	0.59
6/13/2010 11:30	2.540864	0.48	0.58
6/13/2010 11:45	2.544584	0.48	0.58
6/13/2010 12:00	2.549754	0.47	0.57
6/13/2010 12:15	2.55108	0.47	0.56
6/13/2010 12:30	2.555254	0.46	0.54
6/13/2010 12:45	2.559397	0.46	0.54
6/13/2010 13:00	2.563987	0.46	0.53
6/13/2010 13:15	2.56927	0.45	0.51
6/13/2010 13:30	2.571904	0.45	0.51
6/13/2010 13:45	2.577962	0.44	0.49
6/13/2010 14:00	2.580702	0.44	0.49

PZ01D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/12/2010 21:00	1.40631	1.31	1.47
6/12/2010 21:15	1.426054	1.29	1.45
6/12/2010 21:30	1.458776	1.26	1.42
6/12/2010 21:45	1.502793	1.22	1.38
6/12/2010 22:00	1.539441	1.18	1.34
6/12/2010 22:15	1.559746	1.16	1.33
6/12/2010 22:30	1.574676	1.15	1.31
6/12/2010 22:45	1.584147	1.14	1.30
6/12/2010 23:00	1.608173	1.11	1.27
6/12/2010 23:15	1.649801	1.07	1.23
6/12/2010 23:30	1.703323	1.02	1.18
6/12/2010 23:45	1.753986	0.97	1.13
6/13/2010 0:00	1.789992	0.93	1.08
6/13/2010 0:15	1.816424	0.90	1.05
6/13/2010 0:30	1.839772	0.88	1.04
6/13/2010 0:45	1.859448	0.86	1.01
6/13/2010 1:00	1.888296	0.83	0.98
6/13/2010 1:15	1.925698	0.79	0.94
6/13/2010 1:30	1.95613	0.76	0.90
6/13/2010 1:45	1.986301	0.73	0.87
6/13/2010 2:00	2.014149	0.71	0.86
6/13/2010 2:15	2.028828	0.69	0.83
6/13/2010 2:30	2.037842	0.68	0.83
6/13/2010 2:45	2.045632	0.67	0.81
6/13/2010 3:00	2.050065	0.67	0.81
6/13/2010 3:15	2.042717	0.68	0.82
6/13/2010 3:30	2.029501	0.69	0.81
6/13/2010 3:45	2.000874	0.72	0.85
6/13/2010 4:00	1.967314	0.75	0.86
6/13/2010 4:15	1.941713	0.78	0.89
6/13/2010 4:30	1.915195	0.80	0.92
6/13/2010 4:45	1.886099	0.83	0.95
6/13/2010 5:00	1.849233	0.87	0.99
6/13/2010 5:15	1.805889	0.91	1.03
6/13/2010 5:30	1.753953	0.97	1.09
6/13/2010 5:45	1.704514	1.02	1.15
6/13/2010 6:00	1.657969	1.06	1.19
6/13/2010 6:15	1.615953	1.10	1.24
6/13/2010 6:30	1.571683	1.15	1.29
6/13/2010 6:45	1.530805	1.19	1.32
6/13/2010 7:00	1.487783	1.23	1.36
6/13/2010 7:15	1.444096	1.28	1.41
6/13/2010 7:30	1.407094	1.31	1.43
6/13/2010 7:45	1.377778	1.34	1.45
6/13/2010 8:00	1.354903	1.37	1.48
6/13/2010 8:15	1.336535	1.38	1.49
6/13/2010 8:30	1.325744	1.39	1.50
6/13/2010 8:45	1.319618	1.40	1.50
6/13/2010 9:00	1.315117	1.40	1.51
6/13/2010 9:15	1.317456	1.40	1.51
6/13/2010 9:30	1.328043	1.39	1.50
6/13/2010 9:45	1.345237	1.37	1.48
6/13/2010 10:00	1.368844	1.35	1.46
6/13/2010 10:15	1.394974	1.33	1.45
6/13/2010 10:30	1.426089	1.29	1.40
6/13/2010 10:45	1.458808	1.26	1.37
6/13/2010 11:00	1.493679	1.23	1.34
6/13/2010 11:15	1.523655	1.20	1.32
6/13/2010 11:30	1.558305	1.16	1.27
6/13/2010 11:45	1.596718	1.12	1.23
6/13/2010 12:00	1.6333	1.09	1.19
6/13/2010 12:15	1.674472	1.05	1.14
6/13/2010 12:30	1.720887	1.00	1.08
6/13/2010 12:45	1.760407	0.96	1.04
6/13/2010 13:00	1.803545	0.92	0.99
6/13/2010 13:15	1.847656	0.87	0.93
6/13/2010 13:30	1.889372	0.83	0.89
6/13/2010 13:45	1.938275	0.78	0.83
6/13/2010 14:00	1.987095	0.73	0.78

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/25/2010 11:01		0.72	0.85
6/25/2010 11:16		0.69	0.82
6/25/2010 11:31		0.66	0.79
6/25/2010 11:46		0.62	0.75
6/25/2010 12:01		0.59	0.71
6/25/2010 12:16		0.55	0.68
6/25/2010 12:31		0.52	0.64
6/25/2010 12:46		0.49	0.61
6/25/2010 13:01		0.45	0.57
6/25/2010 13:16		0.42	0.54
6/25/2010 13:31		0.38	0.49
6/25/2010 13:46		0.35	0.46
6/25/2010 14:01		0.32	0.43
6/25/2010 14:16		0.29	0.39
6/25/2010 14:31		0.27	0.38
6/25/2010 14:46		0.24	0.35
6/25/2010 15:01		0.23	0.34
6/25/2010 15:16		0.22	0.32
6/25/2010 15:31		0.21	0.31
6/25/2010 15:46		0.20	0.30
6/25/2010 16:01		0.20	0.29
6/25/2010 16:16		0.20	0.30
6/25/2010 16:31		0.22	0.32
6/25/2010 16:46		0.23	0.32
6/25/2010 17:01		0.25	0.34
6/25/2010 17:16		0.27	0.37
6/25/2010 17:31		0.29	0.38
6/25/2010 17:46		0.31	0.40
6/25/2010 18:01		0.34	0.43
6/25/2010 18:16		0.36	0.44
6/25/2010 18:31		0.39	0.47
6/25/2010 18:46		0.41	0.49
6/25/2010 19:01		0.43	0.51
6/25/2010 19:16		0.44	0.53
6/25/2010 19:31		0.46	0.55
6/25/2010 19:46		0.47	0.56
6/25/2010 20:01		0.48	0.57
6/25/2010 20:16		0.49	0.58
6/25/2010 20:31		0.49	0.58
6/25/2010 20:46		0.49	0.59
6/25/2010 21:01		0.49	0.59
6/25/2010 21:16		0.48	0.58
6/25/2010 21:31		0.48	0.58
6/25/2010 21:46		0.47	0.57
6/25/2010 22:01		0.46	0.56
6/25/2010 22:16		0.44	0.54
6/25/2010 22:31		0.43	0.53
6/25/2010 22:46		0.42	0.52
6/25/2010 23:01		0.40	0.50
6/25/2010 23:16		0.38	0.48
6/25/2010 23:31		0.36	0.46
6/25/2010 23:46		0.34	0.44
6/26/2010 0:01		0.32	0.42
6/26/2010 0:16		0.30	0.40
6/26/2010 0:31		0.28	0.38
6/26/2010 0:46		0.27	0.36
6/26/2010 1:01		0.25	0.34
6/26/2010 1:16		0.24	0.33
6/26/2010 1:31		0.24	0.33
6/26/2010 1:46		0.23	0.32
6/26/2010 2:01		0.23	0.32
6/26/2010 2:16		0.22	0.31
6/26/2010 2:31		0.24	0.32
6/26/2010 2:46		0.25	0.34
6/26/2010 3:01		0.27	0.35
6/26/2010 3:16		0.30	0.38
6/26/2010 3:31		0.33	0.41
6/26/2010 3:46		0.37	0.45
6/26/2010 4:01		0.40	0.48

PZ01I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/13/2010 14:15	2.584623	0.44	0.49
6/13/2010 14:30	2.589668	0.43	0.48
6/13/2010 14:45	2.593969	0.43	0.48
6/13/2010 15:00	2.596559	0.42	0.47
6/13/2010 15:15	2.60238	0.42	0.46
6/13/2010 15:30	2.60478	0.42	0.46
6/13/2010 15:45	2.605836	0.41	0.45
6/13/2010 16:00	2.60878	0.41	0.45
6/13/2010 16:15	2.607435	0.41	0.45
6/13/2010 16:30	2.610001	0.41	0.45
6/13/2010 16:45	2.608257	0.41	0.44
6/13/2010 17:00	2.612354	0.41	0.44
6/13/2010 17:15	2.614063	0.41	0.43
6/13/2010 17:30	2.610652	0.41	0.44
6/13/2010 17:45	2.612548	0.41	0.44
6/13/2010 18:00	2.609457	0.41	0.44
6/13/2010 18:15	2.606457	0.41	0.44
6/13/2010 18:30	2.602205	0.42	0.46
6/13/2010 18:45	2.600693	0.42	0.45
6/13/2010 19:00	2.598188	0.42	0.46
6/13/2010 19:15	2.597847	0.42	0.46
6/13/2010 19:30	2.59579	0.42	0.47
6/13/2010 19:45	2.588447	0.43	0.48
6/13/2010 20:00	2.590355	0.43	0.48
6/13/2010 20:15	2.586773	0.43	0.48
6/13/2010 20:30	2.587376	0.43	0.48
6/13/2010 20:45	2.585384	0.43	0.48
6/13/2010 21:00	2.586905	0.43	0.49
6/13/2010 21:15	2.583541	0.44	0.50
6/13/2010 21:30	2.582452	0.44	0.51
6/13/2010 21:45	2.582741	0.44	0.51
6/13/2010 22:00	2.583082	0.44	0.52
6/13/2010 22:15	2.583728	0.44	0.53
6/13/2010 22:30	2.58568	0.43	0.53
6/13/2010 22:45	2.58832	0.43	0.53
6/13/2010 23:00	2.590752	0.43	0.53
6/13/2010 23:15	2.59398	0.43	0.53
6/13/2010 23:30	2.596193	0.42	0.52
6/13/2010 23:45	2.597909	0.42	0.52
6/14/2010 0:00	2.598282	0.42	0.52
6/14/2010 0:15	2.599201	0.42	0.52
6/14/2010 0:30	2.601467	0.42	0.52
6/14/2010 0:45	2.604608	0.42	0.52
6/14/2010 1:00	2.607145	0.41	0.52
6/14/2010 1:15	2.608497	0.41	0.51
6/14/2010 1:30	2.611286	0.41	0.50
6/14/2010 1:45	2.614557	0.41	0.51
6/14/2010 2:00	2.616385	0.40	0.50
6/14/2010 2:15	2.617239	0.40	0.50
6/14/2010 2:30	2.619046	0.40	0.50
6/14/2010 2:45	2.619821	0.40	0.50
6/14/2010 3:00	2.620166	0.40	0.50
6/14/2010 3:15	2.623411	0.40	0.50
6/14/2010 3:30	2.621759	0.40	0.50
6/14/2010 3:45	2.619727	0.40	0.50
6/14/2010 4:00	2.617052	0.40	0.50
6/14/2010 4:15	2.614982	0.41	0.51
6/14/2010 4:30	2.611035	0.41	0.51
6/14/2010 4:45	2.609125	0.41	0.51
6/14/2010 5:00	2.605702	0.41	0.51
6/14/2010 5:15	2.602361	0.42	0.52
6/14/2010 5:30	2.596165	0.42	0.52
6/14/2010 5:45	2.591816	0.43	0.53
6/14/2010 6:00	2.5855	0.43	0.53
6/14/2010 6:15	2.58007	0.44	0.54
6/14/2010 6:30	2.574564	0.45	0.55
6/14/2010 6:45	2.570799	0.45	0.56
6/14/2010 7:00	2.565275	0.45	0.56
6/14/2010 7:15	2.559517	0.46	0.57

PZ01D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/13/2010 14:15	2.036523	0.68	0.73
6/13/2010 14:30	2.089933	0.63	0.68
6/13/2010 14:45	2.139333	0.58	0.63
6/13/2010 15:00	2.193808	0.53	0.58
6/13/2010 15:15	2.24233	0.48	0.52
6/13/2010 15:30	2.273343	0.45	0.49
6/13/2010 15:45	2.298523	0.42	0.46
6/13/2010 16:00	2.317372	0.40	0.44
6/13/2010 16:15	2.329855	0.39	0.43
6/13/2010 16:30	2.351244	0.37	0.41
6/13/2010 16:45	2.358591	0.36	0.39
6/13/2010 17:00	2.364114	0.36	0.39
6/13/2010 17:15	2.356874	0.36	0.38
6/13/2010 17:30	2.351156	0.37	0.40
6/13/2010 17:45	2.360561	0.36	0.39
6/13/2010 18:00	2.335577	0.38	0.41
6/13/2010 18:15	2.299994	0.42	0.45
6/13/2010 18:30	2.268283	0.45	0.49
6/13/2010 18:45	2.235804	0.48	0.51
6/13/2010 19:00	2.215764	0.50	0.54
6/13/2010 19:15	2.20379	0.52	0.56
6/13/2010 19:30	2.174148	0.55	0.60
6/13/2010 19:45	2.138358	0.58	0.63
6/13/2010 20:00	2.112075	0.61	0.66
6/13/2010 20:15	2.103483	0.62	0.67
6/13/2010 20:30	2.113011	0.61	0.66
6/13/2010 20:45	2.115899	0.60	0.65
6/13/2010 21:00	2.10937	0.61	0.67
6/13/2010 21:15	2.099679	0.62	0.68
6/13/2010 21:30	2.084588	0.64	0.71
6/13/2010 21:45	2.088527	0.63	0.70
6/13/2010 22:00	2.103911	0.62	0.70
6/13/2010 22:15	2.132265	0.59	0.68
6/13/2010 22:30	2.17166	0.55	0.65
6/13/2010 22:45	2.204466	0.52	0.62
6/13/2010 23:00	2.238304	0.48	0.58
6/13/2010 23:15	2.264711	0.46	0.56
6/13/2010 23:30	2.28874	0.43	0.53
6/13/2010 23:45	2.322177	0.40	0.51
6/14/2010 0:00	2.354155	0.37	0.47
6/14/2010 0:15	2.389492	0.33	0.44
6/14/2010 0:30	2.425315	0.29	0.40
6/14/2010 0:45	2.457867	0.26	0.37
6/14/2010 1:00	2.486232	0.23	0.35
6/14/2010 1:15	2.514318	0.21	0.31
6/14/2010 1:30	2.541471	0.18	0.27
6/14/2010 1:45	2.56436	0.16	0.26
6/14/2010 2:00	2.596297	0.12	0.22
6/14/2010 2:15	2.617199	0.10	0.20
6/14/2010 2:30	2.636398	0.08	0.18
6/14/2010 2:45	2.653636	0.07	0.18
6/14/2010 3:00	2.660517	0.06	0.17
6/14/2010 3:15	2.662745	0.06	0.16
6/14/2010 3:30	2.662012	0.06	0.16
6/14/2010 3:45	2.647751	0.07	0.17
6/14/2010 4:00	2.628003	0.09	0.19
6/14/2010 4:15	2.601913	0.12	0.22
6/14/2010 4:30	2.570746	0.15	0.25
6/14/2010 4:45	2.534019	0.19	0.29
6/14/2010 5:00	2.491937	0.23	0.33
6/14/2010 5:15	2.443665	0.28	0.38
6/14/2010 5:30	2.389358	0.33	0.43
6/14/2010 5:45	2.330493	0.39	0.50
6/14/2010 6:00	2.27825	0.44	0.55
6/14/2010 6:15	2.220905	0.50	0.61
6/14/2010 6:30	2.164093	0.56	0.67
6/14/2010 6:45	2.107885	0.61	0.73
6/14/2010 7:00	2.043114	0.68	0.80
6/14/2010 7:15	1.982226	0.74	0.86

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/26/2010 4:16		0.44	0.52
6/26/2010 4:31		0.47	0.55
6/26/2010 4:46		0.52	0.60
6/26/2010 5:01		0.56	0.64
6/26/2010 5:16		0.61	0.69
6/26/2010 5:31		0.65	0.73
6/26/2010 5:46		0.69	0.77
6/26/2010 6:01		0.73	0.81
6/26/2010 6:16		0.77	0.86
6/26/2010 6:31		0.81	0.89
6/26/2010 6:46		0.85	0.94
6/26/2010 7:01		0.89	0.97
6/26/2010 7:16		0.92	1.01
6/26/2010 7:31		0.95	1.04
6/26/2010 7:46		0.97	1.06
6/26/2010 8:01		1.00	1.09
6/26/2010 8:16		1.01	1.10
6/26/2010 8:31		1.03	1.13
6/26/2010 8:46		1.04	1.13
6/26/2010 9:01		1.05	1.14
6/26/2010 9:16		1.04	1.13
6/26/2010 9:31		1.04	1.13
6/26/2010 9:46		1.03	1.11
6/26/2010 10:01		1.02	1.11
6/26/2010 10:16		1.02	1.11
6/26/2010 10:31		1.00	1.09
6/26/2010 10:46		0.99	1.07
6/26/2010 11:01		0.98	1.06
6/26/2010 11:16		0.96	1.04
6/26/2010 11:31		0.94	1.02
6/26/2010 11:46		0.93	1.01
6/26/2010 12:01		0.91	0.97
6/26/2010 12:16		0.89	0.95
6/26/2010 12:31		0.86	0.92
6/26/2010 12:46		0.84	0.90
6/26/2010 13:01		0.82	0.87
6/26/2010 13:16		0.79	0.84
6/26/2010 13:31		0.74	0.79
6/26/2010 13:46		0.71	0.76
6/26/2010 14:01		0.67	0.71
6/26/2010 14:16		0.64	0.68
6/26/2010 14:31		0.61	0.65
6/26/2010 14:46		0.59	0.63
6/26/2010 15:01		0.58	0.62
6/26/2010 15:16		0.56	0.59
6/26/2010 15:31		0.55	0.58
6/26/2010 15:46		0.54	0.57
6/26/2010 16:01		0.54	0.56
6/26/2010 16:16		0.56	0.58
6/26/2010 16:31		0.57	0.59
6/26/2010 16:46		0.59	0.60
6/26/2010 17:01		0.61	0.62
6/26/2010 17:16		0.64	0.64
6/26/2010 17:31		0.67	0.67
6/26/2010 17:46		0.70	0.70
6/26/2010 18:01		0.74	0.73
6/26/2010 18:16		0.77	0.77
6/26/2010 18:31		0.80	0.79
6/26/2010 18:46		0.83	0.82
6/26/2010 19:01		0.86	0.85
6/26/2010 19:16		0.89	0.88
6/26/2010 19:31		0.92	0.91
6/26/2010 19:46		0.94	0.93
6/26/2010 20:01		0.96	0.95
6/26/2010 20:16		0.96	0.95
6/26/2010 20:31		0.98	0.97
6/26/2010 20:46		0.99	0.98
6/26/2010 21:01		1.00	0.99
6/26/2010 21:16		1.00	0.99

PZ01I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/14/2010 7:30	2.554939	0.47	0.58
6/14/2010 7:45	2.551575	0.47	0.58
6/14/2010 8:00	2.547663	0.47	0.59
6/14/2010 8:15	2.54255	0.48	0.60
6/14/2010 8:30	2.541823	0.48	0.60
6/14/2010 8:45	2.537739	0.48	0.60
6/14/2010 9:00	2.536291	0.48	0.60
6/14/2010 9:15	2.534125	0.49	0.62
6/14/2010 9:30	2.533355	0.49	0.61
6/14/2010 9:45	2.533511	0.49	0.61
6/14/2010 10:00	2.534365	0.49	0.61
6/14/2010 10:15	2.536068	0.48	0.60
6/14/2010 10:30	2.535227	0.48	0.60
6/14/2010 10:45	2.537724	0.48	0.59
6/14/2010 11:00	2.540858	0.48	0.59
6/14/2010 11:15	2.542171	0.48	0.59
6/14/2010 11:30	2.546812	0.47	0.58
6/14/2010 11:45	2.54844	0.47	0.58
6/14/2010 12:00	2.552426	0.47	0.57
6/14/2010 12:15	2.555343	0.46	0.57
6/14/2010 12:30	2.558158	0.46	0.57
6/14/2010 12:45	2.563693	0.46	0.56
6/14/2010 13:00	2.565401	0.45	0.55
6/14/2010 13:15	2.569091	0.45	0.55
6/14/2010 13:30	2.572754	0.45	0.55
6/14/2010 13:45	2.575434	0.44	0.54
6/14/2010 14:00	2.578295	0.44	0.53
6/14/2010 14:15	2.579492	0.44	0.53
6/14/2010 14:30	2.58451	0.44	0.52
6/14/2010 14:45	2.586861	0.43	0.52
6/14/2010 15:00	2.590374	0.43	0.51
6/14/2010 15:15	2.593139	0.43	0.51
6/14/2010 15:30	2.596419	0.42	0.49
6/14/2010 15:45	2.599798	0.42	0.49
6/14/2010 16:00	2.599687	0.42	0.49
6/14/2010 16:15	2.601858	0.42	0.49
6/14/2010 16:30	2.603458	0.42	0.49
6/14/2010 16:45	2.60188	0.42	0.49
6/14/2010 17:00	2.601089	0.42	0.49
6/14/2010 17:15	2.599892	0.42	0.51
6/14/2010 17:30	2.596487	0.42	0.51
6/14/2010 17:45	2.596786	0.42	0.50
6/14/2010 18:00	2.595599	0.42	0.49
6/14/2010 18:15	2.591787	0.43	0.50
6/14/2010 18:30	2.589505	0.43	0.50
6/14/2010 18:45	2.586527	0.43	0.50
6/14/2010 19:00	2.580926	0.44	0.52
6/14/2010 19:15	2.579283	0.44	0.52
6/14/2010 19:30	2.5749	0.45	0.54
6/14/2010 19:45	2.571768	0.45	0.53
6/14/2010 20:00	2.568684	0.45	0.53
6/14/2010 20:15	2.564456	0.46	0.54
6/14/2010 20:30	2.562072	0.46	0.54
6/14/2010 20:45	2.557843	0.46	0.55
6/14/2010 21:00	2.554292	0.47	0.56
6/14/2010 21:15	2.552746	0.47	0.57
6/14/2010 21:30	2.549746	0.47	0.57
6/14/2010 21:45	2.548385	0.47	0.57
6/14/2010 22:00	2.54656	0.47	0.58
6/14/2010 22:15	2.545141	0.47	0.58
6/14/2010 22:30	2.543529	0.48	0.60
6/14/2010 22:45	2.544682	0.48	0.61
6/14/2010 23:00	2.543431	0.48	0.62
6/14/2010 23:15	2.545326	0.47	0.60
6/14/2010 23:30	2.546081	0.47	0.60
6/14/2010 23:45	2.548276	0.47	0.62
6/15/2010 0:00	2.549017	0.47	0.62
6/15/2010 0:15	2.550709	0.47	0.63
6/15/2010 0:30	2.551781	0.47	0.64

PZ01D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/14/2010 7:30	1.929034	0.79	0.91
6/14/2010 7:45	1.877823	0.84	0.96
6/14/2010 8:00	1.830593	0.89	1.02
6/14/2010 8:15	1.784101	0.94	1.07
6/14/2010 8:30	1.739848	0.98	1.11
6/14/2010 8:45	1.701389	1.02	1.15
6/14/2010 9:00	1.666188	1.05	1.18
6/14/2010 9:15	1.639058	1.08	1.22
6/14/2010 9:30	1.61565	1.10	1.23
6/14/2010 9:45	1.611875	1.11	1.24
6/14/2010 10:00	1.608815	1.11	1.24
6/14/2010 10:15	1.610308	1.11	1.24
6/14/2010 10:30	1.616043	1.10	1.23
6/14/2010 10:45	1.630011	1.09	1.21
6/14/2010 11:00	1.647232	1.07	1.19
6/14/2010 11:15	1.668153	1.05	1.17
6/14/2010 11:30	1.691499	1.03	1.15
6/14/2010 11:45	1.717988	1.00	1.12
6/14/2010 12:00	1.747613	0.97	1.08
6/14/2010 12:15	1.779002	0.94	1.06
6/14/2010 12:30	1.817211	0.90	1.02
6/14/2010 12:45	1.85456	0.87	0.98
6/14/2010 13:00	1.888695	0.83	0.93
6/14/2010 13:15	1.928811	0.79	0.89
6/14/2010 13:30	1.964151	0.76	0.86
6/14/2010 13:45	1.996593	0.72	0.82
6/14/2010 14:00	2.029562	0.69	0.78
6/14/2010 14:15	2.066671	0.65	0.74
6/14/2010 14:30	2.10467	0.62	0.70
6/14/2010 14:45	2.142414	0.58	0.67
6/14/2010 15:00	2.1798	0.54	0.62
6/14/2010 15:15	2.216059	0.50	0.58
6/14/2010 15:30	2.244932	0.48	0.55
6/14/2010 15:45	2.270983	0.45	0.52
6/14/2010 16:00	2.295451	0.42	0.49
6/14/2010 16:15	2.309474	0.41	0.48
6/14/2010 16:30	2.316181	0.40	0.47
6/14/2010 16:45	2.324247	0.40	0.47
6/14/2010 17:00	2.319102	0.40	0.47
6/14/2010 17:15	2.31094	0.41	0.50
6/14/2010 17:30	2.288819	0.43	0.52
6/14/2010 17:45	2.270966	0.45	0.53
6/14/2010 18:00	2.253255	0.47	0.54
6/14/2010 18:15	2.225098	0.49	0.56
6/14/2010 18:30	2.191672	0.53	0.60
6/14/2010 18:45	2.153967	0.57	0.64
6/14/2010 19:00	2.103786	0.62	0.70
6/14/2010 19:15	2.074634	0.65	0.73
6/14/2010 19:30	2.032248	0.69	0.78
6/14/2010 19:45	1.982777	0.74	0.82
6/14/2010 20:00	1.94234	0.78	0.86
6/14/2010 20:15	1.893499	0.83	0.91
6/14/2010 20:30	1.853728	0.87	0.95
6/14/2010 20:45	1.825295	0.89	0.98
6/14/2010 21:00	1.796596	0.92	1.01
6/14/2010 21:15	1.77543	0.94	1.04
6/14/2010 21:30	1.758377	0.96	1.07
6/14/2010 21:45	1.749146	0.97	1.08
6/14/2010 22:00	1.738893	0.98	1.10
6/14/2010 22:15	1.725891	0.99	1.11
6/14/2010 22:30	1.728989	0.99	1.12
6/14/2010 22:45	1.737628	0.98	1.12
6/14/2010 23:00	1.750747	0.97	1.12
6/14/2010 23:15	1.772294	0.95	1.09
6/14/2010 23:30	1.794987	0.93	1.07
6/14/2010 23:45	1.821816	0.90	1.06
6/15/2010 0:00	1.850104	0.87	1.03
6/15/2010 0:15	1.879065	0.84	1.00
6/15/2010 0:30	1.908844	0.81	0.98

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/26/2010 21:31		1.00	1.00
6/26/2010 21:46		1.00	1.00
6/26/2010 22:01		0.99	0.99
6/26/2010 22:16		0.98	0.98
6/26/2010 22:31		0.97	0.97
6/26/2010 22:46		0.96	0.96
6/26/2010 23:01		0.94	0.94
6/26/2010 23:16		0.92	0.93
6/26/2010 23:31		0.90	0.90
6/26/2010 23:46		0.88	0.89
6/27/2010 0:01		0.85	0.85
6/27/2010 0:16		0.83	0.83
6/27/2010 0:31		0.80	0.79
6/27/2010 0:46		0.77	0.77
6/27/2010 1:01		0.75	0.74
6/27/2010 1:16		0.72	0.71
6/27/2010 1:31		0.70	0.69
6/27/2010 1:46		0.67	0.65
6/27/2010 2:01		0.65	0.62
6/27/2010 2:16		0.63	0.61
6/27/2010 2:31		0.61	0.58
6/27/2010 2:46		0.59	0.57
6/27/2010 3:01		0.58	0.56
6/27/2010 3:16		0.57	0.55
6/27/2010 3:31		0.57	0.55
6/27/2010 3:46		0.58	0.55
6/27/2010 4:01		0.59	0.57
6/27/2010 4:16		0.61	0.59
6/27/2010 4:31		0.63	0.61
6/27/2010 4:46		0.66	0.64
6/27/2010 5:01		0.70	0.68
6/27/2010 5:16		0.73	0.71
6/27/2010 5:31		0.77	0.75
6/27/2010 5:46		0.81	0.79
6/27/2010 6:01		0.85	0.83
6/27/2010 6:16		0.89	0.88
6/27/2010 6:31		0.93	0.91
6/27/2010 6:46		0.97	0.95
6/27/2010 7:01		1.01	0.99
6/27/2010 7:16		1.05	1.03
6/27/2010 7:31		1.09	1.07
6/27/2010 7:46		1.12	1.09
6/27/2010 8:01		1.15	1.12
6/27/2010 8:16		1.18	1.15
6/27/2010 8:31		1.20	1.18
6/27/2010 8:46		1.22	1.19
6/27/2010 9:01		1.23	1.20
6/27/2010 9:16		1.24	1.21
6/27/2010 9:31		1.24	1.21
6/27/2010 9:46		1.25	1.22
6/27/2010 10:01		1.24	1.21
6/27/2010 10:16		1.24	1.21
6/27/2010 10:31		1.23	1.20
6/27/2010 10:46		1.22	1.19
6/27/2010 11:01		1.20	1.16
6/27/2010 11:16		1.18	1.14
6/27/2010 11:31		1.16	1.12
6/27/2010 11:46		1.14	1.10
6/27/2010 12:01		1.12	1.08
6/27/2010 12:16		1.09	1.05
6/27/2010 12:31		1.07	1.03
6/27/2010 12:46		1.04	1.00
6/27/2010 13:01		1.01	0.96
6/27/2010 13:16		0.99	0.94
6/27/2010 13:31		0.95	0.90
6/27/2010 13:46		0.92	0.87
6/27/2010 14:01		0.89	0.84
6/27/2010 14:16		0.86	0.81
6/27/2010 14:31		0.82	0.76

PZ01I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/15/2010 0:45	2.55475	0.47	0.64
6/15/2010 1:00	2.557018	0.46	0.63
6/15/2010 1:15	2.559075	0.46	0.63
6/15/2010 1:30	2.561547	0.46	0.63
6/15/2010 1:45	2.562861	0.46	0.64
6/15/2010 2:00	2.565829	0.45	0.63
6/15/2010 2:15	2.567786	0.45	0.62
6/15/2010 2:30	2.568947	0.45	0.62
6/15/2010 2:45	2.571302	0.45	0.64
6/15/2010 3:00	2.572521	0.45	0.63
6/15/2010 3:15	2.576349	0.44	0.62
6/15/2010 3:30	2.576124	0.44	0.62
6/15/2010 3:45	2.577138	0.44	0.63
6/15/2010 4:00	2.578386	0.44	0.64
6/15/2010 4:15	2.57725	0.44	0.65
6/15/2010 4:30	2.574457	0.45	0.66
6/15/2010 4:45	2.574852	0.45	0.66
6/15/2010 5:00	2.574352	0.45	0.66
6/15/2010 5:15	2.571978	0.45	0.66
6/15/2010 5:30	2.56917	0.45	0.67
6/15/2010 5:45	2.565579	0.45	0.68
6/15/2010 6:00	2.562427	0.46	0.69
6/15/2010 6:15	2.558143	0.46	0.70
6/15/2010 6:30	2.553444	0.47	0.71
6/15/2010 6:45	2.549999	0.47	0.71
6/15/2010 7:00	2.545863	0.47	0.72
6/15/2010 7:15	2.541067	0.48	0.74
6/15/2010 7:30	2.536664	0.48	0.74
6/15/2010 7:45	2.532594	0.49	0.76
6/15/2010 8:00	2.529532	0.49	0.76
6/15/2010 8:15	2.523877	0.50	0.79
6/15/2010 8:30	2.520291	0.50	0.79
6/15/2010 8:45	2.517662	0.50	0.80
6/15/2010 9:00	2.515568	0.50	0.80
6/15/2010 9:15	2.515415	0.50	0.80
6/15/2010 9:30	2.513676	0.51	0.81
6/15/2010 9:45	2.512681	0.51	0.81
6/15/2010 10:00	2.510473	0.51	0.81
6/15/2010 10:15	2.508465	0.51	0.81
6/15/2010 10:30	2.507698	0.51	0.82
6/15/2010 10:45	2.508112	0.51	0.83
6/15/2010 11:00	2.509212	0.51	0.83
6/15/2010 11:15	2.511926	0.51	0.83
6/15/2010 11:30	2.512997	0.51	0.84
6/15/2010 11:45	2.513908	0.51	0.84
6/15/2010 12:00	2.515256	0.50	0.83
6/15/2010 12:15	2.515095	0.50	0.84
6/15/2010 12:30	2.517946	0.50	0.84
6/15/2010 12:45	2.521368	0.50	0.84
6/15/2010 13:00	2.523634	0.50	0.84
6/15/2010 13:15	2.528084	0.49	0.84
6/15/2010 13:30	2.530356	0.49	0.84
6/15/2010 13:45	2.533123	0.49	0.84
6/15/2010 14:00	2.535651	0.48	0.83
6/15/2010 14:15	2.539294	0.48	0.83
6/15/2010 14:30	2.541593	0.48	0.83
6/15/2010 14:45	2.544261	0.48	0.82
6/15/2010 15:00	2.549127	0.47	0.81
6/15/2010 15:15	2.554953	0.47	0.81
6/15/2010 15:30	2.557516	0.46	0.79
6/15/2010 15:45	2.562228	0.46	0.79
6/15/2010 16:00	2.563613	0.46	0.79
6/15/2010 16:15	2.567478	0.45	0.78
6/15/2010 16:30	2.570243	0.45	0.77
6/15/2010 16:45	2.572678	0.45	0.78
6/15/2010 17:00	2.574639	0.45	0.78
6/15/2010 17:15	2.577727	0.44	0.77
6/15/2010 17:30	2.578058	0.44	0.76
6/15/2010 17:45	2.5782	0.44	0.76

PZ01D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/15/2010 0:45	1.936855	0.78	0.95
6/15/2010 1:00	1.969352	0.75	0.92
6/15/2010 1:15	2.004027	0.72	0.89
6/15/2010 1:30	2.038013	0.68	0.85
6/15/2010 1:45	2.071357	0.65	0.83
6/15/2010 2:00	2.105252	0.61	0.79
6/15/2010 2:15	2.137309	0.58	0.75
6/15/2010 2:30	2.164228	0.56	0.73
6/15/2010 2:45	2.193919	0.53	0.72
6/15/2010 3:00	2.225356	0.49	0.67
6/15/2010 3:15	2.254903	0.47	0.65
6/15/2010 3:30	2.2831	0.44	0.62
6/15/2010 3:45	2.30268	0.42	0.61
6/15/2010 4:00	2.31185	0.41	0.61
6/15/2010 4:15	2.315903	0.40	0.61
6/15/2010 4:30	2.311675	0.41	0.62
6/15/2010 4:45	2.305817	0.41	0.62
6/15/2010 5:00	2.293351	0.43	0.64
6/15/2010 5:15	2.272261	0.45	0.66
6/15/2010 5:30	2.243881	0.48	0.70
6/15/2010 5:45	2.212321	0.51	0.74
6/15/2010 6:00	2.177752	0.54	0.77
6/15/2010 6:15	2.141022	0.58	0.82
6/15/2010 6:30	2.098465	0.62	0.86
6/15/2010 6:45	2.054064	0.67	0.91
6/15/2010 7:00	2.001662	0.72	0.97
6/15/2010 7:15	1.951377	0.77	1.03
6/15/2010 7:30	1.906264	0.81	1.07
6/15/2010 7:45	1.860295	0.86	1.13
6/15/2010 8:00	1.81447	0.91	1.18
6/15/2010 8:15	1.768225	0.95	1.24
6/15/2010 8:30	1.726859	0.99	1.28
6/15/2010 8:45	1.691259	1.03	1.34
6/15/2010 9:00	1.65546	1.06	1.37
6/15/2010 9:15	1.628014	1.09	1.40
6/15/2010 9:30	1.598149	1.12	1.43
6/15/2010 9:45	1.569617	1.15	1.46
6/15/2010 10:00	1.546545	1.17	1.48
6/15/2010 10:15	1.530067	1.19	1.50
6/15/2010 10:30	1.531656	1.19	1.51
6/15/2010 10:45	1.542457	1.18	1.51
6/15/2010 11:00	1.563105	1.16	1.49
6/15/2010 11:15	1.587992	1.13	1.46
6/15/2010 11:30	1.605145	1.11	1.45
6/15/2010 11:45	1.620152	1.10	1.44
6/15/2010 12:00	1.637135	1.08	1.42
6/15/2010 12:15	1.660668	1.06	1.41
6/15/2010 12:30	1.691502	1.03	1.38
6/15/2010 12:45	1.730139	0.99	1.34
6/15/2010 13:00	1.772786	0.95	1.30
6/15/2010 13:15	1.811312	0.91	1.27
6/15/2010 13:30	1.849316	0.87	1.23
6/15/2010 13:45	1.886868	0.83	1.19
6/15/2010 14:00	1.923417	0.80	1.16
6/15/2010 14:15	1.961947	0.76	1.12
6/15/2010 14:30	2.006103	0.71	1.07
6/15/2010 14:45	2.050855	0.67	1.02
6/15/2010 15:00	2.096959	0.62	0.97
6/15/2010 15:15	2.143595	0.58	0.93
6/15/2010 15:30	2.187944	0.53	0.87
6/15/2010 15:45	2.235423	0.48	0.82
6/15/2010 16:00	2.275591	0.44	0.78
6/15/2010 16:15	2.315515	0.40	0.74
6/15/2010 16:30	2.352459	0.37	0.70
6/15/2010 16:45	2.384678	0.34	0.68
6/15/2010 17:00	2.413355	0.31	0.65
6/15/2010 17:15	2.433674	0.29	0.63
6/15/2010 17:30	2.444605	0.28	0.61
6/15/2010 17:45	2.448763	0.27	0.60

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/27/2010 14:46		0.79	0.73
6/27/2010 15:01		0.75	0.69
6/27/2010 15:16		0.73	0.66
6/27/2010 15:31		0.70	0.62
6/27/2010 15:46		0.67	0.59
6/27/2010 16:01		0.65	0.57
6/27/2010 16:16		0.63	0.55
6/27/2010 16:31		0.61	0.53
6/27/2010 16:46		0.60	0.51
6/27/2010 17:01		0.60	0.51
6/27/2010 17:16		0.60	0.51
6/27/2010 17:31		0.60	0.51
6/27/2010 17:46		0.61	0.51
6/27/2010 18:01		0.62	0.52
6/27/2010 18:16		0.63	0.53
6/27/2010 18:31		0.65	0.55
6/27/2010 18:46		0.68	0.58
6/27/2010 19:01		0.71	0.61
6/27/2010 19:16		0.74	0.64
6/27/2010 19:31		0.76	0.66
6/27/2010 19:46		0.78	0.69
6/27/2010 20:01		0.81	0.72
6/27/2010 20:16		0.83	0.74
6/27/2010 20:31		0.85	0.76
6/27/2010 20:46		0.87	0.78
6/27/2010 21:01		0.88	0.79
6/27/2010 21:16		0.89	0.79
6/27/2010 21:31		0.89	0.79
6/27/2010 21:46		0.90	0.81
6/27/2010 22:01		0.90	0.81
6/27/2010 22:16		0.91	0.81
6/27/2010 22:31		0.91	0.81
6/27/2010 22:46		0.90	0.80
6/27/2010 23:01		0.89	0.79
6/27/2010 23:16		0.88	0.78
6/27/2010 23:31		0.86	0.76
6/27/2010 23:46		0.85	0.75
6/28/2010 0:01		0.83	0.73
6/28/2010 0:16		0.81	0.71
6/28/2010 0:31		0.79	0.69
6/28/2010 0:46		0.77	0.67
6/28/2010 1:01		0.74	0.64
6/28/2010 1:16		0.72	0.62
6/28/2010 1:31		0.70	0.60
6/28/2010 1:46		0.68	0.58
6/28/2010 2:01		0.65	0.54
6/28/2010 2:16		0.63	0.52
6/28/2010 2:31		0.61	0.50
6/28/2010 2:46		0.59	0.48
6/28/2010 3:01		0.58	0.47
6/28/2010 3:16		0.56	0.45
6/28/2010 3:31		0.54	0.42
6/28/2010 3:46		0.54	0.42
6/28/2010 4:01		0.54	0.42
6/28/2010 4:16		0.54	0.42
6/28/2010 4:31		0.55	0.43
6/28/2010 4:46		0.56	0.44
6/28/2010 5:01		0.58	0.46
6/28/2010 5:16		0.61	0.50
6/28/2010 5:31		0.64	0.53
6/28/2010 5:46		0.69	0.58
6/28/2010 6:01		0.73	0.62
6/28/2010 6:16		0.78	0.67
6/28/2010 6:31		0.82	0.71
6/28/2010 6:46		0.86	0.76
6/28/2010 7:01		0.89	0.79
6/28/2010 7:16		0.94	0.84
6/28/2010 7:31		0.98	0.88
6/28/2010 7:46		1.02	0.92

PZ01I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/15/2010 18:00	2.578961	0.44	0.76
6/15/2010 18:15	2.57509	0.44	0.76
6/15/2010 18:30	2.573927	0.45	0.78
6/15/2010 18:45	2.571468	0.45	0.78
6/15/2010 19:00	2.566166	0.45	0.78
6/15/2010 19:15	2.567771	0.45	0.78
6/15/2010 19:30	2.565474	0.45	0.77
6/15/2010 19:45	2.561968	0.46	0.79
6/15/2010 20:00	2.557909	0.46	0.80
6/15/2010 20:15	2.549889	0.47	0.80
6/15/2010 20:30	2.546466	0.47	0.80
6/15/2010 20:45	2.543064	0.48	0.82
6/15/2010 21:00	2.53925	0.48	0.82
6/15/2010 21:15	2.537056	0.48	0.82
6/15/2010 21:30	2.53301	0.49	0.83
6/15/2010 21:45	2.528636	0.49	0.84
6/15/2010 22:00	2.526639	0.49	0.84
6/15/2010 22:15	2.521245	0.50	0.86
6/15/2010 22:30	2.520446	0.50	0.86
6/15/2010 22:45	2.516996	0.50	0.87
6/15/2010 23:00	2.515564	0.50	0.88
6/15/2010 23:15	2.516976	0.50	0.88
6/15/2010 23:30	2.516675	0.50	0.89
6/15/2010 23:45	2.517664	0.50	0.89
6/16/2010 0:00	2.516161	0.50	0.89
6/16/2010 0:15	2.51754	0.50	0.89
6/16/2010 0:30	2.518121	0.50	0.89
6/16/2010 0:45	2.520107	0.50	0.88
6/16/2010 1:00	2.522381	0.50	0.89
6/16/2010 1:15	2.525786	0.49	0.88
6/16/2010 1:30	2.526349	0.49	0.89
6/16/2010 1:45	2.529879	0.49	0.88
6/16/2010 2:00	2.530962	0.49	0.88
6/16/2010 2:15	2.532941	0.49	0.87
6/16/2010 2:30	2.535261	0.48	0.86
6/16/2010 2:45	2.53711	0.48	0.86
6/16/2010 3:00	2.539006	0.48	0.86
6/16/2010 3:15	2.541857	0.48	0.85
6/16/2010 3:30	2.54324	0.48	0.85
6/16/2010 3:45	2.544932	0.48	0.86
6/16/2010 4:00	2.545997	0.47	0.85
6/16/2010 4:15	2.545441	0.47	0.84
6/16/2010 4:30	2.547769	0.47	0.84
6/16/2010 4:45	2.547074	0.47	0.84
6/16/2010 5:00	2.546703	0.47	0.84
6/16/2010 5:15	2.545654	0.47	0.84
6/16/2010 5:30	2.545618	0.47	0.84
6/16/2010 5:45	2.543607	0.48	0.86
6/16/2010 6:00	2.541162	0.48	0.85
6/16/2010 6:15	2.538502	0.48	0.87
6/16/2010 6:30	2.53335	0.49	0.88
6/16/2010 6:45	2.530004	0.49	0.88
6/16/2010 7:00	2.527844	0.49	0.86
6/16/2010 7:15	2.524163	0.50	0.88
6/16/2010 7:30	2.520653	0.50	0.88
6/16/2010 7:45	2.515852	0.50	0.88
6/16/2010 8:00	2.512619	0.51	0.89
6/16/2010 8:15	2.508849	0.51	0.89
6/16/2010 8:30	2.504471	0.52	0.91
6/16/2010 8:45	2.501282	0.52	0.90
6/16/2010 9:00	2.496881	0.52	0.89
6/16/2010 9:15	2.493121	0.53	0.90
6/16/2010 9:30	2.489376	0.53	0.92
6/16/2010 9:45	2.486784	0.53	0.90
6/16/2010 10:00	2.485184	0.53	0.88
6/16/2010 10:15	2.482672	0.54	0.90
6/16/2010 10:30	2.478462	0.54	0.90
6/16/2010 10:45	2.477308	0.54	0.89
6/16/2010 11:00	2.475208	0.54	0.89

PZ01D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/15/2010 18:00	2.445213	0.27	0.60
6/15/2010 18:15	2.430036	0.29	0.62
6/15/2010 18:30	2.404956	0.32	0.66
6/15/2010 18:45	2.378328	0.34	0.68
6/15/2010 19:00	2.347765	0.37	0.71
6/15/2010 19:15	2.316134	0.40	0.74
6/15/2010 19:30	2.284253	0.44	0.77
6/15/2010 19:45	2.246285	0.47	0.81
6/15/2010 20:00	2.197074	0.52	0.87
6/15/2010 20:15	2.144593	0.58	0.92
6/15/2010 20:30	2.095083	0.62	0.96
6/15/2010 20:45	2.048518	0.67	1.02
6/15/2010 21:00	2.008692	0.71	1.06
6/15/2010 21:15	1.971305	0.75	1.10
6/15/2010 21:30	1.933617	0.79	1.14
6/15/2010 21:45	1.898028	0.82	1.18
6/15/2010 22:00	1.863582	0.86	1.22
6/15/2010 22:15	1.833531	0.89	1.26
6/15/2010 22:30	1.806911	0.91	1.28
6/15/2010 22:45	1.792953	0.93	1.31
6/15/2010 23:00	1.787418	0.93	1.32
6/15/2010 23:15	1.788891	0.93	1.32
6/15/2010 23:30	1.79141	0.93	1.33
6/15/2010 23:45	1.801197	0.92	1.32
6/16/2010 0:00	1.812839	0.91	1.31
6/16/2010 0:15	1.8227	0.90	1.30
6/16/2010 0:30	1.845297	0.87	1.27
6/16/2010 0:45	1.870927	0.85	1.24
6/16/2010 1:00	1.898476	0.82	1.22
6/16/2010 1:15	1.9286	0.79	1.19
6/16/2010 1:30	1.955769	0.76	1.17
6/16/2010 1:45	1.988829	0.73	1.13
6/16/2010 2:00	2.019027	0.70	1.10
6/16/2010 2:15	2.050414	0.67	1.06
6/16/2010 2:30	2.075988	0.64	1.03
6/16/2010 2:45	2.102408	0.62	1.01
6/16/2010 3:00	2.125365	0.59	0.98
6/16/2010 3:15	2.148062	0.57	0.95
6/16/2010 3:30	2.173755	0.55	0.93
6/16/2010 3:45	2.192311	0.53	0.92
6/16/2010 4:00	2.213364	0.51	0.90
6/16/2010 4:15	2.229483	0.49	0.87
6/16/2010 4:30	2.238463	0.48	0.86
6/16/2010 4:45	2.241859	0.48	0.86
6/16/2010 5:00	2.24124	0.48	0.86
6/16/2010 5:15	2.235207	0.48	0.86
6/16/2010 5:30	2.223963	0.50	0.88
6/16/2010 5:45	2.207561	0.51	0.90
6/16/2010 6:00	2.182018	0.54	0.92
6/16/2010 6:15	2.149218	0.57	0.97
6/16/2010 6:30	2.112021	0.61	1.01
6/16/2010 6:45	2.066086	0.65	1.05
6/16/2010 7:00	2.023125	0.70	1.08
6/16/2010 7:15	1.978776	0.74	1.13
6/16/2010 7:30	1.930506	0.79	1.18
6/16/2010 7:45	1.880987	0.84	1.23
6/16/2010 8:00	1.831427	0.89	1.28
6/16/2010 8:15	1.779415	0.94	1.33
6/16/2010 8:30	1.731918	0.99	1.39
6/16/2010 8:45	1.671265	1.05	1.44
6/16/2010 9:00	1.623297	1.10	1.48
6/16/2010 9:15	1.572855	1.15	1.53
6/16/2010 9:30	1.51708	1.20	1.60
6/16/2010 9:45	1.485211	1.23	1.61
6/16/2010 10:00	1.438039	1.28	1.64
6/16/2010 10:15	1.411117	1.31	1.68
6/16/2010 10:30	1.377638	1.34	1.71
6/16/2010 10:45	1.347514	1.37	1.73
6/16/2010 11:00	1.314834	1.41	1.77

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/28/2010 8:01		1.06	0.96
6/28/2010 8:16		1.10	1.00
6/28/2010 8:31		1.13	1.03
6/28/2010 8:46		1.16	1.06
6/28/2010 9:01		1.18	1.08
6/28/2010 9:16		1.20	1.10
6/28/2010 9:31		1.22	1.11
6/28/2010 9:46		1.24	1.13
6/28/2010 10:01		1.26	1.15
6/28/2010 10:16		1.26	1.15
6/28/2010 10:31		1.26	1.15
6/28/2010 10:46		1.26	1.15
6/28/2010 11:01		1.25	1.14
6/28/2010 11:16		1.25	1.14
6/28/2010 11:31		1.24	1.13
6/28/2010 11:46		1.23	1.12
6/28/2010 12:01		1.21	1.10
6/28/2010 12:16		1.20	1.09
6/28/2010 12:31		1.18	1.07
6/28/2010 12:46		1.16	1.05
6/28/2010 13:01		1.14	1.03
6/28/2010 13:16		1.11	1.00
6/28/2010 13:31		1.08	0.96
6/28/2010 13:46		1.05	0.93
6/28/2010 14:01		1.03	0.90
6/28/2010 14:16		1.00	0.87
6/28/2010 14:31		0.97	0.85
6/28/2010 14:46		0.95	0.84
6/28/2010 15:01		0.91	0.81
6/28/2010 15:16		0.87	0.79
6/28/2010 15:31		0.83	0.74
6/28/2010 15:46		0.77	0.68
6/28/2010 16:01		0.72	0.63
6/28/2010 16:16		0.70	0.61
6/28/2010 16:31		0.69	0.59
6/28/2010 16:46		0.68	0.58
6/28/2010 17:01		0.66	0.55
6/28/2010 17:16		0.64	0.53
6/28/2010 17:31		0.62	0.50
6/28/2010 17:46		0.60	0.49
6/28/2010 18:01		0.60	0.49
6/28/2010 18:16		0.59	0.48
6/28/2010 18:31		0.59	0.48
6/28/2010 18:46		0.60	0.49
6/28/2010 19:01		0.61	0.50
6/28/2010 19:16		0.63	0.52
6/28/2010 19:31		0.67	0.56
6/28/2010 19:46		0.71	0.61
6/28/2010 20:01		0.74	0.64
6/28/2010 20:16		0.74	0.64
6/28/2010 20:31		0.75	0.65
6/28/2010 20:46		0.77	0.68
6/28/2010 21:01		0.78	0.69
6/28/2010 21:16		0.79	0.70
6/28/2010 21:31		0.81	0.72
6/28/2010 21:46		0.82	0.74
6/28/2010 22:01		0.83	0.75
6/28/2010 22:16		0.84	0.77
6/28/2010 22:31		0.85	0.78
6/28/2010 22:46		0.84	0.77
6/28/2010 23:01		0.83	0.76
6/28/2010 23:16		0.82	0.75
6/28/2010 23:31		0.81	0.73
6/28/2010 23:46		0.79	0.72
6/29/2010 0:01		0.78	0.71
6/29/2010 0:16		0.76	0.70
6/29/2010 0:31		0.75	0.69
6/29/2010 0:46		0.72	0.65
6/29/2010 1:01		0.70	0.64

PZ01I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/16/2010 11:15	2.475872	0.54	0.89
6/16/2010 11:30	2.476486	0.54	0.88
6/16/2010 11:45	2.477936	0.54	0.88
6/16/2010 12:00	2.47887	0.54	0.87
6/16/2010 12:15	2.479393	0.54	0.86
6/16/2010 12:30	2.479931	0.54	0.86
6/16/2010 12:45	2.4817	0.54	0.87
6/16/2010 13:00	2.484566	0.54	0.85
6/16/2010 13:15	2.487026	0.53	0.84
6/16/2010 13:30	2.489602	0.53	0.83
6/16/2010 13:45	2.492031	0.53	0.82
6/16/2010 14:00	2.494827	0.53	0.82
6/16/2010 14:15	2.496438	0.52	0.81
6/16/2010 14:30	2.499477	0.52	0.80
6/16/2010 14:45	2.503589	0.52	0.80
6/16/2010 15:00	2.507581	0.51	0.78
6/16/2010 15:15	2.513054	0.51	0.78
6/16/2010 15:30	2.515881	0.50	0.75
6/16/2010 15:45	2.518591	0.50	0.74
6/16/2010 16:00	2.52203	0.50	0.73
6/16/2010 16:15	2.526249	0.49	0.71
6/16/2010 16:30	2.530587	0.49	0.70
6/16/2010 16:45	2.533559	0.49	0.70
6/16/2010 17:00	2.537185	0.48	0.68
6/16/2010 17:15	2.541325	0.48	0.67
6/16/2010 17:30	2.544244	0.48	0.67
6/16/2010 17:45	2.545956	0.47	0.66
6/16/2010 18:00	2.5476	0.47	0.65
6/16/2010 18:15	2.550393	0.47	0.64
6/16/2010 18:30	2.552683	0.47	0.63
6/16/2010 18:45	2.552047	0.47	0.64
6/16/2010 19:00	2.549982	0.47	0.65
6/16/2010 19:15	2.551216	0.47	0.65
6/16/2010 19:30	2.550015	0.47	0.64
6/16/2010 19:45	2.548312	0.47	0.65
6/16/2010 20:00	2.546781	0.47	0.65
6/16/2010 20:15	2.545332	0.47	0.64
6/16/2010 20:30	2.542346	0.48	0.65
6/16/2010 20:45	2.538963	0.48	0.64
6/16/2010 21:00	2.535746	0.48	0.64
6/16/2010 21:15	2.53368	0.49	0.64
6/16/2010 21:30	2.529327	0.49	0.64
6/16/2010 21:45	2.526722	0.49	0.63
6/16/2010 22:00	2.523296	0.50	0.64
6/16/2010 22:15	2.519445	0.50	0.64
6/16/2010 22:30	2.516385	0.50	0.64
6/16/2010 22:45	2.515325	0.50	0.64
6/16/2010 23:00	2.514601	0.51	0.64
6/16/2010 23:15	2.512203	0.51	0.65
6/16/2010 23:30	2.513087	0.51	0.64
6/16/2010 23:45	2.509755	0.51	0.64
6/17/2010 0:00	2.509945	0.51	0.63
6/17/2010 0:15	2.511994	0.51	0.63
6/17/2010 0:30	2.511444	0.51	0.64
6/17/2010 0:45	2.512731	0.51	0.64
6/17/2010 1:00	2.515517	0.50	0.63
6/17/2010 1:15	2.515928	0.50	0.62
6/17/2010 1:30	2.517694	0.50	0.62
6/17/2010 1:45	2.519385	0.50	0.62
6/17/2010 2:00	2.52145	0.50	0.62
6/17/2010 2:15	2.524718	0.50	0.61
6/17/2010 2:30	2.526624	0.49	0.60
6/17/2010 2:45	2.529604	0.49	0.59
6/17/2010 3:00	2.533034	0.49	0.59
6/17/2010 3:15	2.535745	0.48	0.59
6/17/2010 3:30	2.53752	0.48	0.58
6/17/2010 3:45	2.54001	0.48	0.58
6/17/2010 4:00	2.542368	0.48	0.59
6/17/2010 4:15	2.544401	0.48	0.59

PZ01D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/16/2010 11:15	1.301998	1.42	1.78
6/16/2010 11:30	1.311265	1.41	1.76
6/16/2010 11:45	1.311655	1.41	1.76
6/16/2010 12:00	1.320727	1.40	1.74
6/16/2010 12:15	1.330031	1.39	1.72
6/16/2010 12:30	1.343673	1.38	1.71
6/16/2010 12:45	1.356499	1.36	1.70
6/16/2010 13:00	1.375318	1.34	1.66
6/16/2010 13:15	1.399965	1.32	1.64
6/16/2010 13:30	1.426518	1.29	1.60
6/16/2010 13:45	1.455677	1.26	1.56
6/16/2010 14:00	1.47726	1.24	1.53
6/16/2010 14:15	1.493361	1.23	1.52
6/16/2010 14:30	1.523449	1.20	1.48
6/16/2010 14:45	1.570958	1.15	1.43
6/16/2010 15:00	1.622413	1.10	1.37
6/16/2010 15:15	1.673751	1.05	1.32
6/16/2010 15:30	1.710574	1.01	1.26
6/16/2010 15:45	1.738542	0.98	1.22
6/16/2010 16:00	1.767094	0.95	1.18
6/16/2010 16:15	1.802424	0.92	1.14
6/16/2010 16:30	1.845298	0.87	1.08
6/16/2010 16:45	1.889266	0.83	1.04
6/16/2010 17:00	1.936395	0.78	0.98
6/16/2010 17:15	1.975103	0.74	0.93
6/16/2010 17:30	2.007492	0.71	0.90
6/16/2010 17:45	2.036153	0.68	0.87
6/16/2010 18:00	2.05738	0.66	0.84
6/16/2010 18:15	2.080368	0.64	0.81
6/16/2010 18:30	2.091246	0.63	0.79
6/16/2010 18:45	2.097051	0.62	0.79
6/16/2010 19:00	2.094999	0.63	0.81
6/16/2010 19:15	2.080962	0.64	0.82
6/16/2010 19:30	2.071948	0.65	0.82
6/16/2010 19:45	2.057251	0.66	0.84
6/16/2010 20:00	2.035204	0.68	0.86
6/16/2010 20:15	2.008	0.71	0.88
6/16/2010 20:30	1.970717	0.75	0.92
6/16/2010 20:45	1.927043	0.79	0.95
6/16/2010 21:00	1.882971	0.84	1.00
6/16/2010 21:15	1.837244	0.88	1.04
6/16/2010 21:30	1.7932	0.93	1.09
6/16/2010 21:45	1.750236	0.97	1.12
6/16/2010 22:00	1.706636	1.01	1.16
6/16/2010 22:15	1.672247	1.05	1.20
6/16/2010 22:30	1.635682	1.08	1.23
6/16/2010 22:45	1.613179	1.11	1.26
6/16/2010 23:00	1.592723	1.13	1.27
6/16/2010 23:15	1.573238	1.15	1.30
6/16/2010 23:30	1.563646	1.16	1.30
6/16/2010 23:45	1.544409	1.18	1.32
6/17/2010 0:00	1.537629	1.18	1.31
6/17/2010 0:15	1.536678	1.18	1.31
6/17/2010 0:30	1.545556	1.17	1.31
6/17/2010 0:45	1.568213	1.15	1.29
6/17/2010 1:00	1.589582	1.13	1.27
6/17/2010 1:15	1.611487	1.11	1.24
6/17/2010 1:30	1.633379	1.09	1.22
6/17/2010 1:45	1.657468	1.06	1.19
6/17/2010 2:00	1.689691	1.03	1.16
6/17/2010 2:15	1.719215	1.00	1.12
6/17/2010 2:30	1.755522	0.96	1.08
6/17/2010 2:45	1.791448	0.93	1.04
6/17/2010 3:00	1.82672	0.89	1.00
6/17/2010 3:15	1.86672	0.85	0.97
6/17/2010 3:30	1.901113	0.82	0.93
6/17/2010 3:45	1.932575	0.79	0.90
6/17/2010 4:00	1.963259	0.76	0.88
6/17/2010 4:15	1.994705	0.73	0.85

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/29/2010 1:16		0.68	0.62
6/29/2010 1:31		0.66	0.60
6/29/2010 1:46		0.63	0.57
6/29/2010 2:01		0.60	0.54
6/29/2010 2:16		0.58	0.52
6/29/2010 2:31		0.56	0.50
6/29/2010 2:46		0.53	0.47
6/29/2010 3:01		0.50	0.44
6/29/2010 3:16		0.48	0.43
6/29/2010 3:31		0.46	0.41
6/29/2010 3:46		0.44	0.39
6/29/2010 4:01		0.42	0.37
6/29/2010 4:16		0.41	0.36
6/29/2010 4:31		0.39	0.35
6/29/2010 4:46		0.39	0.35
6/29/2010 5:01		0.39	0.35
6/29/2010 5:16		0.39	0.35
6/29/2010 5:31		0.40	0.37
6/29/2010 5:46		0.41	0.38
6/29/2010 6:01		0.43	0.41
6/29/2010 6:16		0.45	0.43
6/29/2010 6:31		0.48	0.46
6/29/2010 6:46		0.50	0.49
6/29/2010 7:01		0.53	0.51
6/29/2010 7:16		0.55	0.54
6/29/2010 7:31		0.59	0.59
6/29/2010 7:46		0.62	0.62
6/29/2010 8:01		0.65	0.65
6/29/2010 8:16		0.68	0.69
6/29/2010 8:31		0.71	0.72
6/29/2010 8:46		0.73	0.74
6/29/2010 9:01		0.75	0.76
6/29/2010 9:16		0.78	0.79
6/29/2010 9:31		0.81	0.82
6/29/2010 9:46		0.83	0.84
6/29/2010 10:01		0.84	0.85
6/29/2010 10:16		0.86	0.87
6/29/2010 10:31		0.86	0.88
6/29/2010 10:46		0.86	0.88
6/29/2010 11:01		0.86	0.88
6/29/2010 11:16		0.86	0.88
6/29/2010 11:31		0.85	0.87
6/29/2010 11:46		0.84	0.86
6/29/2010 12:01		0.82	0.85
6/29/2010 12:16		0.81	0.84
6/29/2010 12:31		0.78	0.81
6/29/2010 12:46		0.76	0.79
6/29/2010 13:01		0.73	0.76
6/29/2010 13:16		0.71	0.74
6/29/2010 13:31		0.68	0.71
6/29/2010 13:46		0.64	0.67
6/29/2010 14:01		0.61	0.64
6/29/2010 14:16		0.57	0.60
6/29/2010 14:31		0.54	0.57
6/29/2010 14:46		0.51	0.54
6/29/2010 15:01		0.47	0.50
6/29/2010 15:16		0.44	0.47
6/29/2010 15:31		0.41	0.44
6/29/2010 15:46		0.38	0.41
6/29/2010 16:01		0.34	0.37
6/29/2010 16:16		0.31	0.34
6/29/2010 16:31		0.28	0.30
6/29/2010 16:46		0.25	0.27
6/29/2010 17:01		0.22	0.24
6/29/2010 17:16		0.20	0.22
6/29/2010 17:31		0.18	0.20
6/29/2010 17:46		0.16	0.18
6/29/2010 18:01		0.15	0.17
6/29/2010 18:16		0.15	0.18

PZ01I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/17/2010 4:30	2.547429	0.47	0.57
6/17/2010 4:45	2.548857	0.47	0.58
6/17/2010 5:00	2.551119	0.47	0.59
6/17/2010 5:15	2.553093	0.47	0.60
6/17/2010 5:30	2.553573	0.47	0.60
6/17/2010 5:45	2.556928	0.46	0.59
6/17/2010 6:00	2.555715	0.46	0.60
6/17/2010 6:15	2.557908	0.46	0.60
6/17/2010 6:30	2.558027	0.46	0.59
6/17/2010 6:45	2.556772	0.46	0.60
6/17/2010 7:00	2.556592	0.46	0.60
6/17/2010 7:15	2.556314	0.46	0.60
6/17/2010 7:30	2.554655	0.47	0.61
6/17/2010 7:45	2.552431	0.47	0.62
6/17/2010 8:00	2.550932	0.47	0.61
6/17/2010 8:15	2.549114	0.47	0.62
6/17/2010 8:30	2.547397	0.47	0.61
6/17/2010 8:45	2.544832	0.48	0.62
6/17/2010 9:00	2.543547	0.48	0.62
6/17/2010 9:15	2.541051	0.48	0.61
6/17/2010 9:30	2.539761	0.48	0.62
6/17/2010 9:45	2.538686	0.48	0.61
6/17/2010 10:00	2.535338	0.48	0.62
6/17/2010 10:15	2.530836	0.49	0.62
6/17/2010 10:30	2.531303	0.49	0.62
6/17/2010 10:45	2.528924	0.49	0.63
6/17/2010 11:00	2.528278	0.49	0.62
6/17/2010 11:15	2.527699	0.49	0.63
6/17/2010 11:30	2.526972	0.49	0.63
6/17/2010 11:45	2.527415	0.49	0.63
6/17/2010 12:00	2.528614	0.49	0.63
6/17/2010 12:15	2.528199	0.49	0.64
6/17/2010 12:30	2.530036	0.49	0.64
6/17/2010 12:45	2.532561	0.49	0.64
6/17/2010 13:00	2.533851	0.49	0.64
6/17/2010 13:15	2.53702	0.48	0.63
6/17/2010 13:30	2.538418	0.48	0.63
6/17/2010 13:45	2.541049	0.48	0.63
6/17/2010 14:00	2.545268	0.47	0.62
6/17/2010 14:15	2.546897	0.47	0.62
6/17/2010 14:30	2.552327	0.47	0.62
6/17/2010 14:45	2.555091	0.46	0.61
6/17/2010 15:00	2.557808	0.46	0.61
6/17/2010 15:15	2.560812	0.46	0.61
6/17/2010 15:30	2.564108	0.46	0.61
6/17/2010 15:45	2.568922	0.45	0.60
6/17/2010 16:00	2.572372	0.45	0.61
6/17/2010 16:15	2.576302	0.44	0.59
6/17/2010 16:30	2.580688	0.44	0.59
6/17/2010 16:45	2.581417	0.44	0.60
6/17/2010 17:00	2.587516	0.43	0.59
6/17/2010 17:15	2.590337	0.43	0.60
6/17/2010 17:30	2.594196	0.43	0.60
6/17/2010 17:45	2.597675	0.42	0.60
6/17/2010 18:00	2.600643	0.42	0.60
6/17/2010 18:15	2.601643	0.42	0.61
6/17/2010 18:30	2.604023	0.42	0.62
6/17/2010 18:45	2.606774	0.41	0.61
6/17/2010 19:00	2.606175	0.41	0.61
6/17/2010 19:15	2.608975	0.41	0.62
6/17/2010 19:30	2.608267	0.41	0.63
6/17/2010 19:45	2.607575	0.41	0.63
6/17/2010 20:00	2.606949	0.41	0.63
6/17/2010 20:15	2.602093	0.42	0.64
6/17/2010 20:30	2.598465	0.42	0.65
6/17/2010 20:45	2.594551	0.43	0.67
6/17/2010 21:00	2.593079	0.43	0.68
6/17/2010 21:15	2.590956	0.43	0.68
6/17/2010 21:30	2.585599	0.43	0.69

PZ01D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/17/2010 4:30	2.031269	0.69	0.80
6/17/2010 4:45	2.06516	0.65	0.77
6/17/2010 5:00	2.096234	0.62	0.75
6/17/2010 5:15	2.125394	0.59	0.73
6/17/2010 5:30	2.149762	0.57	0.71
6/17/2010 5:45	2.174095	0.55	0.69
6/17/2010 6:00	2.197789	0.52	0.67
6/17/2010 6:15	2.212883	0.51	0.66
6/17/2010 6:30	2.222553	0.50	0.64
6/17/2010 6:45	2.220329	0.50	0.65
6/17/2010 7:00	2.21737	0.50	0.65
6/17/2010 7:15	2.207538	0.51	0.66
6/17/2010 7:30	2.190018	0.53	0.68
6/17/2010 7:45	2.171071	0.55	0.71
6/17/2010 8:00	2.145437	0.57	0.72
6/17/2010 8:15	2.118521	0.60	0.76
6/17/2010 8:30	2.090312	0.63	0.78
6/17/2010 8:45	2.061454	0.66	0.81
6/17/2010 9:00	2.028768	0.69	0.84
6/17/2010 9:15	1.990889	0.73	0.87
6/17/2010 9:30	1.957173	0.76	0.91
6/17/2010 9:45	1.923658	0.80	0.94
6/17/2010 10:00	1.884372	0.84	0.99
6/17/2010 10:15	1.847439	0.87	1.01
6/17/2010 10:30	1.820562	0.90	1.04
6/17/2010 10:45	1.797228	0.92	1.07
6/17/2010 11:00	1.773752	0.95	1.09
6/17/2010 11:15	1.759057	0.96	1.11
6/17/2010 11:30	1.742864	0.98	1.13
6/17/2010 11:45	1.73081	0.99	1.14
6/17/2010 12:00	1.737165	0.98	1.13
6/17/2010 12:15	1.73949	0.98	1.14
6/17/2010 12:30	1.747977	0.97	1.13
6/17/2010 12:45	1.766226	0.95	1.11
6/17/2010 13:00	1.788034	0.93	1.09
6/17/2010 13:15	1.806876	0.91	1.07
6/17/2010 13:30	1.816592	0.90	1.06
6/17/2010 13:45	1.846225	0.87	1.03
6/17/2010 14:00	1.881121	0.84	1.00
6/17/2010 14:15	1.918773	0.80	0.96
6/17/2010 14:30	1.958718	0.76	0.92
6/17/2010 14:45	1.993199	0.73	0.89
6/17/2010 15:00	2.033533	0.69	0.85
6/17/2010 15:15	2.073498	0.65	0.81
6/17/2010 15:30	2.113551	0.61	0.77
6/17/2010 15:45	2.162256	0.56	0.72
6/17/2010 16:00	2.213892	0.51	0.67
6/17/2010 16:15	2.262594	0.46	0.62
6/17/2010 16:30	2.314435	0.41	0.57
6/17/2010 16:45	2.364762	0.36	0.52
6/17/2010 17:00	2.412346	0.31	0.47
6/17/2010 17:15	2.460367	0.26	0.43
6/17/2010 17:30	2.510618	0.21	0.38
6/17/2010 17:45	2.561388	0.16	0.34
6/17/2010 18:00	2.604546	0.12	0.30
6/17/2010 18:15	2.641752	0.08	0.27
6/17/2010 18:30	2.674929	0.05	0.25
6/17/2010 18:45	2.704964	0.02	0.22
6/17/2010 19:00	2.725878	-0.01	0.19
6/17/2010 19:15	2.74232	-0.02	0.19
6/17/2010 19:30	2.754182	-0.03	0.19
6/17/2010 19:45	2.746357	-0.03	0.19
6/17/2010 20:00	2.73823	-0.02	0.20
6/17/2010 20:15	2.726259	-0.01	0.21
6/17/2010 20:30	2.700911	0.02	0.25
6/17/2010 20:45	2.670621	0.05	0.29
6/17/2010 21:00	2.641427	0.08	0.33
6/17/2010 21:15	2.609466	0.11	0.36
6/17/2010 21:30	2.5754	0.14	0.40

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/29/2010 18:31		0.15	0.18
6/29/2010 18:46		0.16	0.20
6/29/2010 19:01		0.17	0.21
6/29/2010 19:16		0.18	0.22
6/29/2010 19:31		0.19	0.24
6/29/2010 19:46		0.21	0.26
6/29/2010 20:01		0.24	0.30
6/29/2010 20:16		0.27	0.33
6/29/2010 20:31		0.30	0.36
6/29/2010 20:46		0.33	0.40
6/29/2010 21:01		0.36	0.43
6/29/2010 21:16		0.39	0.46
6/29/2010 21:31		0.41	0.48
6/29/2010 21:46		0.43	0.51
6/29/2010 22:01		0.45	0.53
6/29/2010 22:16		0.47	0.55
6/29/2010 22:31		0.48	0.56
6/29/2010 22:46		0.49	0.58
6/29/2010 23:01		0.50	0.59
6/29/2010 23:16		0.51	0.60
6/29/2010 23:31		0.51	0.60
6/29/2010 23:46		0.52	0.61
6/30/2010 0:01		0.51	0.61
6/30/2010 0:16		0.51	0.61
6/30/2010 0:31		0.50	0.61
6/30/2010 0:46		0.48	0.59
6/30/2010 1:01		0.47	0.58
6/30/2010 1:16		0.46	0.57
6/30/2010 1:31		0.44	0.55
6/30/2010 1:46		0.41	0.52
6/30/2010 2:01		0.39	0.50
6/30/2010 2:16		0.36	0.48
6/30/2010 2:31		0.34	0.46
6/30/2010 2:46		0.32	0.44
6/30/2010 3:01		0.29	0.42
6/30/2010 3:16		0.27	0.41
6/30/2010 3:31		0.25	0.38
6/30/2010 3:46		0.24	0.38
6/30/2010 4:01		0.23	0.38
6/30/2010 4:16		0.21	0.36
6/30/2010 4:31		0.20	0.35
6/30/2010 4:46		0.18	0.33
6/30/2010 5:01		0.17	0.33
6/30/2010 5:16		0.16	0.32
6/30/2010 5:31		0.15	0.31
6/30/2010 5:46		0.16	0.32
6/30/2010 6:01		0.16	0.33
6/30/2010 6:16		0.17	0.34
6/30/2010 6:31		0.18	0.35
6/30/2010 6:46		0.18	0.35
6/30/2010 7:01		0.19	0.37
6/30/2010 7:16		0.20	0.38
6/30/2010 7:31		0.21	0.39
6/30/2010 7:46		0.24	0.42
6/30/2010 8:01		0.27	0.45
6/30/2010 8:16		0.28	0.46
6/30/2010 8:31		0.31	0.50
6/30/2010 8:46		0.33	0.52
6/30/2010 9:01		0.36	0.55
6/30/2010 9:16		0.39	0.58
6/30/2010 9:31		0.41	0.60
6/30/2010 9:46		0.42	0.61
6/30/2010 10:01		0.44	0.63
6/30/2010 10:16		0.45	0.64
6/30/2010 10:31		0.46	0.65
6/30/2010 10:46		0.47	0.66
6/30/2010 11:01		0.48	0.67
6/30/2010 11:16		0.48	0.67
6/30/2010 11:31		0.48	0.67

PZ01I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/17/2010 21:45	2.58143	0.44	0.71
6/17/2010 22:00	2.577204	0.44	0.73
6/17/2010 22:15	2.571111	0.45	0.74
6/17/2010 22:30	2.567882	0.45	0.74
6/17/2010 22:45	2.561928	0.46	0.76
6/17/2010 23:00	2.556774	0.46	0.76
6/17/2010 23:15	2.556441	0.46	0.77
6/17/2010 23:30	2.553537	0.47	0.79
6/17/2010 23:45	2.551473	0.47	0.79
6/18/2010 0:00	2.553124	0.47	0.79
6/18/2010 0:15	2.550541	0.47	0.80
6/18/2010 0:30	2.547932	0.47	0.80
6/18/2010 0:45	2.546331	0.47	0.79
6/18/2010 1:00	2.544235	0.48	0.80
6/18/2010 1:15	2.543503	0.48	0.81
6/18/2010 1:30	2.544792	0.48	0.80
6/18/2010 1:45	2.546177	0.47	0.78
6/18/2010 2:00	2.549675	0.47	0.79
6/18/2010 2:15	2.549009	0.47	0.79
6/18/2010 2:30	2.551166	0.47	0.79
6/18/2010 2:45	2.551626	0.47	0.79
6/18/2010 3:00	2.554225	0.47	0.79
6/18/2010 3:15	2.557114	0.46	0.78
6/18/2010 3:30	2.56049	0.46	0.78
6/18/2010 3:45	2.561173	0.46	0.78
6/18/2010 4:00	2.565086	0.45	0.77
6/18/2010 4:15	2.564303	0.46	0.78
6/18/2010 4:30	2.567515	0.45	0.78
6/18/2010 4:45	2.568555	0.45	0.77
6/18/2010 5:00	2.569402	0.45	0.77
6/18/2010 5:15	2.57217	0.45	0.79
6/18/2010 5:30	2.573829	0.45	0.79
6/18/2010 5:45	2.573179	0.45	0.79
6/18/2010 6:00	2.575023	0.44	0.79
6/18/2010 6:15	2.575589	0.44	0.80
6/18/2010 6:30	2.577555	0.44	0.80
6/18/2010 6:45	2.575987	0.44	0.81
6/18/2010 7:00	2.578412	0.44	0.81
6/18/2010 7:15	2.577094	0.44	0.82
6/18/2010 7:30	2.578544	0.44	0.83
6/18/2010 7:45	2.576879	0.44	0.82
6/18/2010 8:00	2.576643	0.44	0.83
6/18/2010 8:15	2.572117	0.45	0.84
6/18/2010 8:30	2.571756	0.45	0.84
6/18/2010 8:45	2.570087	0.45	0.84
6/18/2010 9:00	2.567928	0.45	0.84
6/18/2010 9:15	2.567038	0.45	0.84
6/18/2010 9:30	2.563103	0.46	0.85
6/18/2010 9:45	2.561357	0.46	0.84
6/18/2010 10:00	2.559695	0.46	0.83
6/18/2010 10:15	2.555889	0.46	0.84
6/18/2010 10:30	2.554461	0.47	0.84
6/18/2010 10:45	2.550348	0.47	0.84
6/18/2010 11:00	2.546971	0.47	0.84
6/18/2010 11:15	2.544826	0.48	0.85
6/18/2010 11:30	2.541763	0.48	0.85
6/18/2010 11:45	2.539888	0.48	0.85
6/18/2010 12:00	2.538361	0.48	0.85
6/18/2010 12:15	2.534514	0.49	0.86
6/18/2010 12:30	2.532595	0.49	0.86
6/18/2010 12:45	2.533765	0.49	0.86
6/18/2010 13:00	2.531376	0.49	0.86
6/18/2010 13:15	2.530935	0.49	0.86
6/18/2010 13:30	2.531947	0.49	0.86
6/18/2010 13:45	2.531349	0.49	0.85
6/18/2010 14:00	2.533238	0.49	0.84
6/18/2010 14:15	2.534044	0.49	0.84
6/18/2010 14:30	2.535177	0.48	0.83
6/18/2010 14:45	2.537816	0.48	0.82

PZ01D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/17/2010 21:45	2.534739	0.19	0.46
6/17/2010 22:00	2.494483	0.23	0.52
6/17/2010 22:15	2.454148	0.27	0.57
6/17/2010 22:30	2.407241	0.31	0.61
6/17/2010 22:45	2.355625	0.36	0.67
6/17/2010 23:00	2.313303	0.41	0.72
6/17/2010 23:15	2.279503	0.44	0.76
6/17/2010 23:30	2.260205	0.46	0.79
6/17/2010 23:45	2.255928	0.46	0.79
6/18/2010 0:00	2.262436	0.46	0.79
6/18/2010 0:15	2.2565	0.46	0.80
6/18/2010 0:30	2.241222	0.48	0.82
6/18/2010 0:45	2.219696	0.50	0.83
6/18/2010 1:00	2.203579	0.52	0.85
6/18/2010 1:15	2.20253	0.52	0.86
6/18/2010 1:30	2.210373	0.51	0.84
6/18/2010 1:45	2.234035	0.49	0.81
6/18/2010 2:00	2.263136	0.46	0.79
6/18/2010 2:15	2.292768	0.43	0.76
6/18/2010 2:30	2.320201	0.40	0.73
6/18/2010 2:45	2.342315	0.38	0.71
6/18/2010 3:00	2.363778	0.36	0.69
6/18/2010 3:15	2.390173	0.33	0.66
6/18/2010 3:30	2.422277	0.30	0.63
6/18/2010 3:45	2.460052	0.26	0.59
6/18/2010 4:00	2.494488	0.23	0.56
6/18/2010 4:15	2.528971	0.19	0.52
6/18/2010 4:30	2.557016	0.16	0.50
6/18/2010 4:45	2.588651	0.13	0.46
6/18/2010 5:00	2.620839	0.10	0.43
6/18/2010 5:15	2.649203	0.07	0.42
6/18/2010 5:30	2.673375	0.05	0.40
6/18/2010 5:45	2.692443	0.03	0.38
6/18/2010 6:00	2.711715	0.01	0.37
6/18/2010 6:15	2.735332	-0.02	0.35
6/18/2010 6:30	2.751964	-0.03	0.34
6/18/2010 6:45	2.771837	-0.05	0.33
6/18/2010 7:00	2.779686	-0.06	0.32
6/18/2010 7:15	2.784716	-0.06	0.33
6/18/2010 7:30	2.783749	-0.06	0.34
6/18/2010 7:45	2.777835	-0.06	0.33
6/18/2010 8:00	2.761246	-0.04	0.36
6/18/2010 8:15	2.740159	-0.02	0.38
6/18/2010 8:30	2.719854	0.00	0.40
6/18/2010 8:45	2.689872	0.03	0.43
6/18/2010 9:00	2.662793	0.06	0.46
6/18/2010 9:15	2.629752	0.09	0.49
6/18/2010 9:30	2.587202	0.13	0.53
6/18/2010 9:45	2.545666	0.17	0.56
6/18/2010 10:00	2.499625	0.22	0.60
6/18/2010 10:15	2.45085	0.27	0.66
6/18/2010 10:30	2.401404	0.32	0.70
6/18/2010 10:45	2.356319	0.36	0.74
6/18/2010 11:00	2.311194	0.41	0.79
6/18/2010 11:15	2.263113	0.46	0.84
6/18/2010 11:30	2.224378	0.50	0.88
6/18/2010 11:45	2.181233	0.54	0.92
6/18/2010 12:00	2.143839	0.58	0.96
6/18/2010 12:15	2.10781	0.61	0.99
6/18/2010 12:30	2.080261	0.64	1.02
6/18/2010 12:45	2.053441	0.67	1.05
6/18/2010 13:00	2.029125	0.69	1.07
6/18/2010 13:15	2.012224	0.71	1.09
6/18/2010 13:30	2.001657	0.72	1.10
6/18/2010 13:45	1.99097	0.73	1.10
6/18/2010 14:00	1.988937	0.73	1.09
6/18/2010 14:15	1.996308	0.72	1.08
6/18/2010 14:30	2.00385	0.72	1.08
6/18/2010 14:45	2.016274	0.70	1.05

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/30/2010 11:46		0.48	0.67
6/30/2010 12:01		0.47	0.66
6/30/2010 12:16		0.47	0.66
6/30/2010 12:31		0.46	0.64
6/30/2010 12:46		0.45	0.63
6/30/2010 13:01		0.44	0.62
6/30/2010 13:16		0.43	0.61
6/30/2010 13:31		0.42	0.60
6/30/2010 13:46		0.41	0.59
6/30/2010 14:01		0.39	0.56
6/30/2010 14:16		0.37	0.54
6/30/2010 14:31		0.34	0.51
6/30/2010 14:46		0.31	0.48
6/30/2010 15:01		0.29	0.46
6/30/2010 15:16		0.27	0.44
6/30/2010 15:31		0.24	0.41
6/30/2010 15:46		0.22	0.38
6/30/2010 16:01		0.19	0.35
6/30/2010 16:16		0.17	0.33
6/30/2010 16:31		0.15	0.31
6/30/2010 16:46		0.14	0.29
6/30/2010 17:01		0.13	0.28
6/30/2010 17:16		0.12	0.27
6/30/2010 17:31		0.11	0.26
6/30/2010 17:46		0.10	0.24
6/30/2010 18:01		0.10	0.25
6/30/2010 18:16		0.10	0.25
6/30/2010 18:31		0.11	0.26
6/30/2010 18:46		0.12	0.27
6/30/2010 19:01		0.14	0.29
6/30/2010 19:16		0.17	0.32
6/30/2010 19:31		0.20	0.35
6/30/2010 19:46		0.22	0.37
6/30/2010 20:01		0.26	0.41
6/30/2010 20:16		0.30	0.45
6/30/2010 20:31		0.34	0.49
6/30/2010 20:46		0.38	0.53
6/30/2010 21:01		0.41	0.57
6/30/2010 21:16		0.45	0.61
6/30/2010 21:31		0.49	0.65
6/30/2010 21:46		0.53	0.69
6/30/2010 22:01		0.57	0.74
6/30/2010 22:16		0.60	0.78
6/30/2010 22:31		0.63	0.81
6/30/2010 22:46		0.67	0.85
6/30/2010 23:01		0.69	0.87
6/30/2010 23:16		0.72	0.90
6/30/2010 23:31		0.74	0.92
6/30/2010 23:46		0.76	0.95
7/1/2010 0:01		0.77	0.96
7/1/2010 0:16		0.78	0.97
7/1/2010 0:31		0.79	0.99
7/1/2010 0:46		0.79	0.99
7/1/2010 1:01		0.79	0.99
7/1/2010 1:16		0.79	0.99
7/1/2010 1:31		0.78	0.98
7/1/2010 1:46		0.77	0.98
7/1/2010 2:01		0.75	0.96
7/1/2010 2:16		0.74	0.95
7/1/2010 2:31		0.72	0.93
7/1/2010 2:46		0.70	0.91
7/1/2010 3:01		0.68	0.89
7/1/2010 3:16		0.66	0.87
7/1/2010 3:31		0.64	0.85
7/1/2010 3:46		0.63	0.84
7/1/2010 4:01		0.61	0.82
7/1/2010 4:16		0.59	0.80
7/1/2010 4:31		0.56	0.78
7/1/2010 4:46		0.54	0.76

PZ01I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/18/2010 15:00	2.53862	0.48	0.83
6/18/2010 15:15	2.543192	0.48	0.82
6/18/2010 15:30	2.545026	0.47	0.81
6/18/2010 15:45	2.547256	0.47	0.80
6/18/2010 16:00	2.550829	0.47	0.80
6/18/2010 16:15	2.551941	0.47	0.80
6/18/2010 16:30	2.556633	0.46	0.79
6/18/2010 16:45	2.559001	0.46	0.78
6/18/2010 17:00	2.56238	0.46	0.78
6/18/2010 17:15	2.564885	0.46	0.77
6/18/2010 17:30	2.567376	0.45	0.76
6/18/2010 17:45	2.569386	0.45	0.76
6/18/2010 18:00	2.572366	0.45	0.76
6/18/2010 18:15	2.5727	0.45	0.75
6/18/2010 18:30	2.572778	0.45	0.75
6/18/2010 18:45	2.575891	0.44	0.74
6/18/2010 19:00	2.577357	0.44	0.74
6/18/2010 19:15	2.577692	0.44	0.74
6/18/2010 19:30	2.579871	0.44	0.75
6/18/2010 19:45	2.578982	0.44	0.74
6/18/2010 20:00	2.58056	0.44	0.74
6/18/2010 20:15	2.576906	0.44	0.75
6/18/2010 20:30	2.575953	0.44	0.74
6/18/2010 20:45	2.572341	0.45	0.76
6/18/2010 21:00	2.568693	0.45	0.77
6/18/2010 21:15	2.567047	0.45	0.77
6/18/2010 21:30	2.564634	0.46	0.78
6/18/2010 21:45	2.560805	0.46	0.78
6/18/2010 22:00	2.557042	0.46	0.78
6/18/2010 22:15	2.551627	0.47	0.79
6/18/2010 22:30	2.547791	0.47	0.80
6/18/2010 22:45	2.542265	0.48	0.82
6/18/2010 23:00	2.537908	0.48	0.82
6/18/2010 23:15	2.533313	0.49	0.83
6/18/2010 23:30	2.528378	0.49	0.84
6/18/2010 23:45	2.524997	0.50	0.84
6/19/2010 0:00	2.519995	0.50	0.84
6/19/2010 0:15	2.516807	0.50	0.85
6/19/2010 0:30	2.513557	0.51	0.86
6/19/2010 0:45	2.51038	0.51	0.85
6/19/2010 1:00	2.508487	0.51	0.86
6/19/2010 1:15	2.506925	0.51	0.85
6/19/2010 1:30	2.503895	0.52	0.86
6/19/2010 1:45	2.50266	0.52	0.87
6/19/2010 2:00	2.500751	0.52	0.85
6/19/2010 2:15	2.500355	0.52	0.86
6/19/2010 2:30	2.499105	0.52	0.86
6/19/2010 2:45	2.500134	0.52	0.86
6/19/2010 3:00	2.499916	0.52	0.86
6/19/2010 3:15	2.50132	0.52	0.86
6/19/2010 3:30	2.502461	0.52	0.86
6/19/2010 3:45	2.504209	0.52	0.87
6/19/2010 4:00	2.505346	0.51	0.85
6/19/2010 4:15	2.505424	0.51	0.86
6/19/2010 4:30	2.508264	0.51	0.85
6/19/2010 4:45	2.510192	0.51	0.85
6/19/2010 5:00	2.510917	0.51	0.85
6/19/2010 5:15	2.515358	0.50	0.84
6/19/2010 5:30	2.516285	0.50	0.84
6/19/2010 5:45	2.517644	0.50	0.85
6/19/2010 6:00	2.517917	0.50	0.86
6/19/2010 6:15	2.521079	0.50	0.85
6/19/2010 6:30	2.522523	0.50	0.86
6/19/2010 6:45	2.523531	0.50	0.86
6/19/2010 7:00	2.525074	0.49	0.85
6/19/2010 7:15	2.526924	0.49	0.84
6/19/2010 7:30	2.527573	0.49	0.84
6/19/2010 7:45	2.530081	0.49	0.84
6/19/2010 8:00	2.531283	0.49	0.83

PZ01D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/18/2010 15:00	2.037463	0.68	1.04
6/18/2010 15:15	2.060344	0.66	1.01
6/18/2010 15:30	2.089711	0.63	0.98
6/18/2010 15:45	2.113297	0.61	0.95
6/18/2010 16:00	2.144187	0.58	0.92
6/18/2010 16:15	2.175556	0.54	0.88
6/18/2010 16:30	2.205942	0.51	0.85
6/18/2010 16:45	2.233897	0.49	0.82
6/18/2010 17:00	2.266848	0.45	0.78
6/18/2010 17:15	2.297248	0.42	0.74
6/18/2010 17:30	2.327246	0.39	0.71
6/18/2010 17:45	2.357455	0.36	0.68
6/18/2010 18:00	2.381043	0.34	0.66
6/18/2010 18:15	2.404997	0.32	0.63
6/18/2010 18:30	2.425129	0.29	0.60
6/18/2010 18:45	2.447081	0.27	0.58
6/18/2010 19:00	2.471948	0.25	0.56
6/18/2010 19:15	2.490071	0.23	0.54
6/18/2010 19:30	2.508772	0.21	0.53
6/18/2010 19:45	2.518022	0.20	0.51
6/18/2010 20:00	2.5196	0.20	0.51
6/18/2010 20:15	2.512501	0.21	0.53
6/18/2010 20:30	2.497971	0.22	0.53
6/18/2010 20:45	2.475959	0.24	0.56
6/18/2010 21:00	2.452062	0.27	0.60
6/18/2010 21:15	2.421828	0.30	0.63
6/18/2010 21:30	2.391088	0.33	0.66
6/18/2010 21:45	2.357321	0.36	0.69
6/18/2010 22:00	2.314134	0.41	0.74
6/18/2010 22:15	2.262503	0.46	0.79
6/18/2010 22:30	2.212844	0.51	0.85
6/18/2010 22:45	2.161368	0.56	0.91
6/18/2010 23:00	2.11413	0.61	0.96
6/18/2010 23:15	2.065722	0.65	1.00
6/18/2010 23:30	2.019501	0.70	1.06
6/18/2010 23:45	1.971841	0.75	1.10
6/19/2010 0:00	1.924173	0.80	1.15
6/19/2010 0:15	1.880535	0.84	1.20
6/19/2010 0:30	1.839353	0.88	1.24
6/19/2010 0:45	1.804291	0.92	1.27
6/19/2010 1:00	1.775117	0.94	1.30
6/19/2010 1:15	1.749342	0.97	1.32
6/19/2010 1:30	1.727513	0.99	1.34
6/19/2010 1:45	1.708844	1.01	1.37
6/19/2010 2:00	1.692828	1.03	1.37
6/19/2010 2:15	1.679431	1.04	1.39
6/19/2010 2:30	1.675148	1.04	1.39
6/19/2010 2:45	1.681549	1.04	1.39
6/19/2010 3:00	1.694351	1.03	1.38
6/19/2010 3:15	1.715137	1.00	1.35
6/19/2010 3:30	1.736709	0.98	1.33
6/19/2010 3:45	1.759199	0.96	1.32
6/19/2010 4:00	1.779207	0.94	1.29
6/19/2010 4:15	1.801721	0.92	1.28
6/19/2010 4:30	1.825824	0.89	1.24
6/19/2010 4:45	1.854092	0.87	1.22
6/19/2010 5:00	1.879391	0.84	1.19
6/19/2010 5:15	1.909075	0.81	1.16
6/19/2010 5:30	1.937435	0.78	1.13
6/19/2010 5:45	1.96536	0.75	1.11
6/19/2010 6:00	1.993513	0.73	1.10
6/19/2010 6:15	2.019013	0.70	1.06
6/19/2010 6:30	2.040747	0.68	1.05
6/19/2010 6:45	2.061546	0.66	1.03
6/19/2010 7:00	2.080528	0.64	1.01
6/19/2010 7:15	2.098794	0.62	0.98
6/19/2010 7:30	2.1178	0.60	0.96
6/19/2010 7:45	2.127849	0.59	0.95
6/19/2010 8:00	2.140567	0.58	0.93

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/1/2010 5:01		0.52	0.74
7/1/2010 5:16		0.50	0.73
7/1/2010 5:31		0.49	0.71
7/1/2010 5:46		0.47	0.70
7/1/2010 6:01		0.46	0.69
7/1/2010 6:16		0.45	0.68
7/1/2010 6:31		0.44	0.67
7/1/2010 6:46		0.43	0.66
7/1/2010 7:01		0.42	0.66
7/1/2010 7:16		0.42	0.66
7/1/2010 7:31		0.43	0.67
7/1/2010 7:46		0.44	0.69
7/1/2010 8:01		0.44	0.69
7/1/2010 8:16		0.44	0.69
7/1/2010 8:31		0.46	0.71
7/1/2010 8:46		0.48	0.73
7/1/2010 9:01		0.49	0.74
7/1/2010 9:16		0.51	0.76
7/1/2010 9:31		0.53	0.78
7/1/2010 9:46		0.55	0.80
7/1/2010 10:01		0.57	0.81
7/1/2010 10:16		0.57	0.81
7/1/2010 10:31		0.58	0.82
7/1/2010 10:46		0.59	0.82
7/1/2010 11:01		0.59	0.83
7/1/2010 11:16		0.60	0.84
7/1/2010 11:31		0.60	0.83
7/1/2010 11:46		0.60	0.83
7/1/2010 12:01		0.60	0.83
7/1/2010 12:16		0.60	0.83
7/1/2010 12:31		0.59	0.82
7/1/2010 12:46		0.58	0.81
7/1/2010 13:01		0.57	0.80
7/1/2010 13:16		0.56	0.78
7/1/2010 13:31		0.55	0.78
7/1/2010 13:46		0.53	0.75
7/1/2010 14:01		0.52	0.74
7/1/2010 14:16		0.50	0.72
7/1/2010 14:31		0.48	0.70
7/1/2010 14:46		0.46	0.68
7/1/2010 15:01		0.44	0.65
7/1/2010 15:16		0.42	0.64
7/1/2010 15:31		0.40	0.61
7/1/2010 15:46		0.37	0.59
7/1/2010 16:01		0.33	0.54
7/1/2010 16:16		0.29	0.50
7/1/2010 16:31		0.26	0.47
7/1/2010 16:46		0.22	0.43
7/1/2010 17:01		0.19	0.40
7/1/2010 17:16		0.16	0.37
7/1/2010 17:31		0.13	0.34
7/1/2010 17:46		0.10	0.31
7/1/2010 18:01		0.08	0.29
7/1/2010 18:16		0.06	0.27
7/1/2010 18:31		0.04	0.25
7/1/2010 18:46		0.03	0.24
7/1/2010 19:01		0.01	0.22
7/1/2010 19:16		0.00	0.21
7/1/2010 19:31		0.00	0.21
7/1/2010 19:46		-0.01	0.20
7/1/2010 20:01		0.00	0.21
7/1/2010 20:16		0.01	0.22
7/1/2010 20:31		0.02	0.23
7/1/2010 20:46		0.04	0.25
7/1/2010 21:01		0.06	0.27
7/1/2010 21:16		0.09	0.31
7/1/2010 21:31		0.12	0.34
7/1/2010 21:46		0.15	0.37
7/1/2010 22:01		0.18	0.41

PZ01I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/19/2010 8:15	2.531187	0.49	0.83
6/19/2010 8:30	2.531474	0.49	0.84
6/19/2010 8:45	2.530706	0.49	0.83
6/19/2010 9:00	2.52994	0.49	0.83
6/19/2010 9:15	2.530017	0.49	0.83
6/19/2010 9:30	2.529263	0.49	0.83
6/19/2010 9:45	2.528441	0.49	0.83
6/19/2010 10:00	2.528012	0.49	0.82
6/19/2010 10:15	2.527176	0.49	0.81
6/19/2010 10:30	2.523268	0.50	0.82
6/19/2010 10:45	2.520765	0.50	0.82
6/19/2010 11:00	2.516351	0.50	0.82
6/19/2010 11:15	2.515416	0.50	0.82
6/19/2010 11:30	2.513571	0.51	0.82
6/19/2010 11:45	2.51213	0.51	0.83
6/19/2010 12:00	2.509844	0.51	0.82
6/19/2010 12:15	2.507982	0.51	0.82
6/19/2010 12:30	2.506284	0.51	0.82
6/19/2010 12:45	2.504887	0.52	0.83
6/19/2010 13:00	2.502096	0.52	0.82
6/19/2010 13:15	2.502554	0.52	0.82
6/19/2010 13:30	2.501437	0.52	0.81
6/19/2010 13:45	2.502237	0.52	0.81
6/19/2010 14:00	2.50254	0.52	0.81
6/19/2010 14:15	2.504012	0.52	0.80
6/19/2010 14:30	2.502879	0.52	0.79
6/19/2010 14:45	2.504652	0.52	0.78
6/19/2010 15:00	2.507088	0.51	0.77
6/19/2010 15:15	2.510758	0.51	0.76
6/19/2010 15:30	2.512297	0.51	0.75
6/19/2010 15:45	2.516324	0.50	0.73
6/19/2010 16:00	2.518017	0.50	0.73
6/19/2010 16:15	2.520792	0.50	0.73
6/19/2010 16:30	2.522347	0.50	0.72
6/19/2010 16:45	2.525395	0.49	0.71
6/19/2010 17:00	2.526625	0.49	0.71
6/19/2010 17:15	2.530021	0.49	0.71
6/19/2010 17:30	2.533288	0.49	0.70
6/19/2010 17:45	2.535151	0.48	0.69
6/19/2010 18:00	2.53852	0.48	0.69
6/19/2010 18:15	2.540387	0.48	0.67
6/19/2010 18:30	2.541934	0.48	0.68
6/19/2010 18:45	2.544495	0.48	0.67
6/19/2010 19:00	2.545642	0.47	0.66
6/19/2010 19:15	2.550902	0.47	0.66
6/19/2010 19:30	2.551842	0.47	0.66
6/19/2010 19:45	2.554603	0.47	0.65
6/19/2010 20:00	2.556135	0.46	0.66
6/19/2010 20:15	2.55416	0.47	0.67
6/19/2010 20:30	2.556705	0.46	0.65
6/19/2010 20:45	2.556609	0.46	0.65
6/19/2010 21:00	2.555987	0.46	0.65
6/19/2010 21:15	2.556845	0.46	0.64
6/19/2010 21:30	2.557871	0.46	0.65
6/19/2010 21:45	2.553445	0.47	0.66
6/19/2010 22:00	2.550169	0.47	0.66
6/19/2010 22:15	2.545248	0.47	0.66
6/19/2010 22:30	2.541946	0.48	0.67
6/19/2010 22:45	2.537762	0.48	0.68
6/19/2010 23:00	2.534768	0.49	0.68
6/19/2010 23:15	2.531693	0.49	0.69
6/19/2010 23:30	2.528849	0.49	0.68
6/19/2010 23:45	2.522316	0.50	0.70
6/20/2010 0:00	2.521187	0.50	0.69
6/20/2010 0:15	2.512816	0.51	0.71
6/20/2010 0:30	2.509694	0.51	0.70
6/20/2010 0:45	2.50582	0.51	0.69
6/20/2010 1:00	2.502047	0.52	0.70
6/20/2010 1:15	2.501614	0.52	0.70

PZ01D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/19/2010 8:15	2.14498	0.58	0.93
6/19/2010 8:30	2.14049	0.58	0.94
6/19/2010 8:45	2.133341	0.59	0.94
6/19/2010 9:00	2.12134	0.60	0.95
6/19/2010 9:15	2.09744	0.62	0.97
6/19/2010 9:30	2.074299	0.65	1.00
6/19/2010 9:45	2.05161	0.67	1.02
6/19/2010 10:00	2.030853	0.69	1.03
6/19/2010 10:15	2.001385	0.72	1.05
6/19/2010 10:30	1.972749	0.75	1.08
6/19/2010 10:45	1.929817	0.79	1.12
6/19/2010 11:00	1.883095	0.84	1.17
6/19/2010 11:15	1.841006	0.88	1.21
6/19/2010 11:30	1.806253	0.91	1.23
6/19/2010 11:45	1.770267	0.95	1.28
6/19/2010 12:00	1.735841	0.98	1.30
6/19/2010 12:15	1.698151	1.02	1.34
6/19/2010 12:30	1.66691	1.05	1.37
6/19/2010 12:45	1.635965	1.08	1.40
6/19/2010 13:00	1.603869	1.12	1.43
6/19/2010 13:15	1.580856	1.14	1.45
6/19/2010 13:30	1.556282	1.16	1.46
6/19/2010 13:45	1.536261	1.18	1.48
6/19/2010 14:00	1.534035	1.19	1.48
6/19/2010 14:15	1.530644	1.19	1.47
6/19/2010 14:30	1.533138	1.19	1.46
6/19/2010 14:45	1.535027	1.18	1.44
6/19/2010 15:00	1.540934	1.18	1.44
6/19/2010 15:15	1.551718	1.17	1.42
6/19/2010 15:30	1.568026	1.15	1.39
6/19/2010 15:45	1.589681	1.13	1.36
6/19/2010 16:00	1.611778	1.11	1.34
6/19/2010 16:15	1.642397	1.08	1.31
6/19/2010 16:30	1.676839	1.04	1.26
6/19/2010 16:45	1.705665	1.01	1.23
6/19/2010 17:00	1.72934	0.99	1.21
6/19/2010 17:15	1.757511	0.96	1.18
6/19/2010 17:30	1.786787	0.93	1.14
6/19/2010 17:45	1.81635	0.90	1.11
6/19/2010 18:00	1.849541	0.87	1.08
6/19/2010 18:15	1.886238	0.83	1.02
6/19/2010 18:30	1.920158	0.80	1.00
6/19/2010 18:45	1.957741	0.76	0.95
6/19/2010 19:00	1.996783	0.72	0.91
6/19/2010 19:15	2.029699	0.69	0.88
6/19/2010 19:30	2.058784	0.66	0.85
6/19/2010 19:45	2.087868	0.63	0.81
6/19/2010 20:00	2.118675	0.60	0.80
6/19/2010 20:15	2.135797	0.58	0.78
6/19/2010 20:30	2.150641	0.57	0.76
6/19/2010 20:45	2.164566	0.56	0.75
6/19/2010 21:00	2.16729	0.55	0.74
6/19/2010 21:15	2.161305	0.56	0.74
6/19/2010 21:30	2.147501	0.57	0.76
6/19/2010 21:45	2.123579	0.60	0.79
6/19/2010 22:00	2.091663	0.63	0.82
6/19/2010 22:15	2.048835	0.67	0.86
6/19/2010 22:30	2.012595	0.71	0.90
6/19/2010 22:45	1.967602	0.75	0.95
6/19/2010 23:00	1.917346	0.80	0.99
6/19/2010 23:15	1.873939	0.85	1.05
6/19/2010 23:30	1.825626	0.89	1.08
6/19/2010 23:45	1.776267	0.94	1.14
6/20/2010 0:00	1.727496	0.99	1.18
6/20/2010 0:15	1.673742	1.05	1.25
6/20/2010 0:30	1.620304	1.10	1.29
6/20/2010 0:45	1.568996	1.15	1.33
6/20/2010 1:00	1.522848	1.20	1.38
6/20/2010 1:15	1.481874	1.24	1.42

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/1/2010 22:16		0.21	0.44
7/1/2010 22:31		0.23	0.46
7/1/2010 22:46		0.25	0.48
7/1/2010 23:01		0.27	0.50
7/1/2010 23:16		0.29	0.52
7/1/2010 23:31		0.31	0.54
7/1/2010 23:46		0.32	0.55
7/2/2010 0:01		0.34	0.57
7/2/2010 0:16		0.34	0.58
7/2/2010 0:31		0.35	0.58
7/2/2010 0:46		0.36	0.59
7/2/2010 1:01		0.36	0.60
7/2/2010 1:16		0.36	0.60
7/2/2010 1:31		0.36	0.60
7/2/2010 1:46		0.35	0.59
7/2/2010 2:01		0.34	0.58
7/2/2010 2:16		0.34	0.59
7/2/2010 2:31		0.33	0.58
7/2/2010 2:46		0.32	0.57
7/2/2010 3:01		0.30	0.55
7/2/2010 3:16		0.29	0.54
7/2/2010 3:31		0.27	0.52
7/2/2010 3:46		0.25	0.51
7/2/2010 4:01		0.23	0.48
7/2/2010 4:16		0.21	0.46
7/2/2010 4:31		0.19	0.45
7/2/2010 4:46		0.17	0.43
7/2/2010 5:01		0.15	0.41
7/2/2010 5:16		0.14	0.40
7/2/2010 5:31		0.12	0.38
7/2/2010 5:46		0.11	0.36
7/2/2010 6:01		0.09	0.35
7/2/2010 6:16		0.08	0.34
7/2/2010 6:31		0.07	0.33
7/2/2010 6:46		0.07	0.33
7/2/2010 7:01		0.07	0.34
7/2/2010 7:16		0.07	0.34
7/2/2010 7:31		0.08	0.35
7/2/2010 7:46		0.08	0.35
7/2/2010 8:01		0.09	0.37
7/2/2010 8:16		0.11	0.38
7/2/2010 8:31		0.13	0.41
7/2/2010 8:46		0.15	0.42
7/2/2010 9:01		0.17	0.45
7/2/2010 9:16		0.20	0.48
7/2/2010 9:31		0.21	0.48
7/2/2010 9:46		0.23	0.50
7/2/2010 10:01		0.26	0.54
7/2/2010 10:16		0.29	0.57
7/2/2010 10:31		0.31	0.59
7/2/2010 10:46		0.34	0.62
7/2/2010 11:01		0.36	0.64
7/2/2010 11:16		0.38	0.65
7/2/2010 11:31		0.38	0.64
7/2/2010 11:46		0.40	0.67
7/2/2010 12:01		0.40	0.67
7/2/2010 12:16		0.41	0.68
7/2/2010 12:31		0.41	0.67
7/2/2010 12:46		0.41	0.67
7/2/2010 13:01		0.41	0.67
7/2/2010 13:16		0.41	0.67
7/2/2010 13:31		0.40	0.65
7/2/2010 13:46		0.40	0.65
7/2/2010 14:01		0.39	0.64
7/2/2010 14:16		0.38	0.63
7/2/2010 14:31		0.37	0.61
7/2/2010 14:46		0.36	0.60
7/2/2010 15:01		0.34	0.58
7/2/2010 15:16		0.33	0.57

PZ01I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/20/2010 1:30	2.498051	0.52	0.69
6/20/2010 1:45	2.494523	0.53	0.71
6/20/2010 2:00	2.491804	0.53	0.71
6/20/2010 2:15	2.488897	0.53	0.70
6/20/2010 2:30	2.48873	0.53	0.69
6/20/2010 2:45	2.485981	0.53	0.69
6/20/2010 3:00	2.484509	0.54	0.70
6/20/2010 3:15	2.488172	0.53	0.68
6/20/2010 3:30	2.487379	0.53	0.67
6/20/2010 3:45	2.486248	0.53	0.67
6/20/2010 4:00	2.488154	0.53	0.67
6/20/2010 4:15	2.48737	0.53	0.67
6/20/2010 4:30	2.489052	0.53	0.68
6/20/2010 4:45	2.489737	0.53	0.67
6/20/2010 5:00	2.491491	0.53	0.68
6/20/2010 5:15	2.494714	0.53	0.68
6/20/2010 5:30	2.496631	0.52	0.67
6/20/2010 5:45	2.499016	0.52	0.67
6/20/2010 6:00	2.499997	0.52	0.67
6/20/2010 6:15	2.503966	0.52	0.67
6/20/2010 6:30	2.504408	0.52	0.68
6/20/2010 6:45	2.506807	0.51	0.68
6/20/2010 7:00	2.509979	0.51	0.68
6/20/2010 7:15	2.512449	0.51	0.68
6/20/2010 7:30	2.516186	0.50	0.67
6/20/2010 7:45	2.51777	0.50	0.68
6/20/2010 8:00	2.521513	0.50	0.68
6/20/2010 8:15	2.523796	0.50	0.68
6/20/2010 8:30	2.52578	0.49	0.68
6/20/2010 8:45	2.527978	0.49	0.68
6/20/2010 9:00	2.530186	0.49	0.68
6/20/2010 9:15	2.533371	0.49	0.68
6/20/2010 9:30	2.534895	0.49	0.67
6/20/2010 9:45	2.53772	0.48	0.66
6/20/2010 10:00	2.539238	0.48	0.66
6/20/2010 10:15	2.539949	0.48	0.65
6/20/2010 10:30	2.541254	0.48	0.66
6/20/2010 10:45	2.541763	0.48	0.65
6/20/2010 11:00	2.540532	0.48	0.65
6/20/2010 11:15	2.542173	0.48	0.64
6/20/2010 11:30	2.541716	0.48	0.64
6/20/2010 11:45	2.540428	0.48	0.64
6/20/2010 12:00	2.539951	0.48	0.64
6/20/2010 12:15	2.538128	0.48	0.64
6/20/2010 12:30	2.537373	0.48	0.64
6/20/2010 12:45	2.5369	0.48	0.64
6/20/2010 13:00	2.536282	0.48	0.63
6/20/2010 13:15	2.536586	0.48	0.63
6/20/2010 13:30	2.538253	0.48	0.62
6/20/2010 13:45	2.536438	0.48	0.62
6/20/2010 14:00	2.537671	0.48	0.62
6/20/2010 14:15	2.537514	0.48	0.61
6/20/2010 14:30	2.537546	0.48	0.61
6/20/2010 14:45	2.53813	0.48	0.61
6/20/2010 15:00	2.539342	0.48	0.61
6/20/2010 15:15	2.541934	0.48	0.62
6/20/2010 15:30	2.544233	0.48	0.62
6/20/2010 15:45	2.544008	0.48	0.61
6/20/2010 16:00	2.5465	0.47	0.60
6/20/2010 16:15	2.547858	0.47	0.59
6/20/2010 16:30	2.550431	0.47	0.60
6/20/2010 16:45	2.553099	0.47	0.60
6/20/2010 17:00	2.557171	0.46	0.58
6/20/2010 17:15	2.559318	0.46	0.59
6/20/2010 17:30	2.564174	0.46	0.58
6/20/2010 17:45	2.566263	0.45	0.58
6/20/2010 18:00	2.568129	0.45	0.59
6/20/2010 18:15	2.569834	0.45	0.58
6/20/2010 18:30	2.572832	0.45	0.57

PZ01D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/20/2010 1:30	1.444764	1.28	1.45
6/20/2010 1:45	1.406017	1.31	1.49
6/20/2010 2:00	1.375579	1.34	1.52
6/20/2010 2:15	1.349009	1.37	1.54
6/20/2010 2:30	1.325998	1.39	1.55
6/20/2010 2:45	1.309512	1.41	1.57
6/20/2010 3:00	1.294976	1.43	1.59
6/20/2010 3:15	1.286672	1.43	1.59
6/20/2010 3:30	1.287605	1.43	1.58
6/20/2010 3:45	1.292726	1.43	1.58
6/20/2010 4:00	1.308468	1.41	1.56
6/20/2010 4:15	1.321471	1.40	1.55
6/20/2010 4:30	1.339037	1.38	1.54
6/20/2010 4:45	1.3569	1.36	1.51
6/20/2010 5:00	1.378919	1.34	1.50
6/20/2010 5:15	1.411185	1.31	1.47
6/20/2010 5:30	1.439384	1.28	1.44
6/20/2010 5:45	1.471069	1.25	1.41
6/20/2010 6:00	1.504118	1.22	1.38
6/20/2010 6:15	1.534952	1.19	1.35
6/20/2010 6:30	1.572331	1.15	1.31
6/20/2010 6:45	1.607826	1.11	1.28
6/20/2010 7:00	1.646123	1.07	1.24
6/20/2010 7:15	1.683768	1.04	1.21
6/20/2010 7:30	1.723276	1.00	1.17
6/20/2010 7:45	1.764434	0.96	1.14
6/20/2010 8:00	1.804901	0.92	1.10
6/20/2010 8:15	1.843616	0.88	1.06
6/20/2010 8:30	1.880817	0.84	1.03
6/20/2010 8:45	1.917456	0.80	0.99
6/20/2010 9:00	1.947885	0.77	0.96
6/20/2010 9:15	1.980327	0.74	0.93
6/20/2010 9:30	2.005904	0.71	0.89
6/20/2010 9:45	2.032059	0.69	0.87
6/20/2010 10:00	2.052807	0.67	0.85
6/20/2010 10:15	2.071354	0.65	0.82
6/20/2010 10:30	2.078379	0.64	0.82
6/20/2010 10:45	2.078392	0.64	0.81
6/20/2010 11:00	2.074947	0.65	0.82
6/20/2010 11:15	2.067873	0.65	0.81
6/20/2010 11:30	2.059556	0.66	0.82
6/20/2010 11:45	2.046965	0.67	0.83
6/20/2010 12:00	2.030818	0.69	0.85
6/20/2010 12:15	2.017538	0.70	0.86
6/20/2010 12:30	2.001363	0.72	0.88
6/20/2010 12:45	1.983645	0.74	0.90
6/20/2010 13:00	1.962434	0.76	0.92
6/20/2010 13:15	1.945194	0.77	0.93
6/20/2010 13:30	1.925222	0.79	0.94
6/20/2010 13:45	1.910238	0.81	0.96
6/20/2010 14:00	1.900865	0.82	0.97
6/20/2010 14:15	1.896683	0.82	0.96
6/20/2010 14:30	1.895561	0.82	0.96
6/20/2010 14:45	1.899428	0.82	0.96
6/20/2010 15:00	1.908762	0.81	0.95
6/20/2010 15:15	1.920614	0.80	0.95
6/20/2010 15:30	1.932746	0.79	0.94
6/20/2010 15:45	1.951532	0.77	0.91
6/20/2010 16:00	1.97762	0.74	0.88
6/20/2010 16:15	1.998349	0.72	0.85
6/20/2010 16:30	2.028295	0.69	0.83
6/20/2010 16:45	2.06409	0.66	0.80
6/20/2010 17:00	2.10055	0.62	0.75
6/20/2010 17:15	2.13614	0.58	0.72
6/20/2010 17:30	2.172289	0.55	0.68
6/20/2010 17:45	2.206425	0.51	0.65
6/20/2010 18:00	2.236408	0.48	0.63
6/20/2010 18:15	2.270021	0.45	0.59
6/20/2010 18:30	2.302904	0.42	0.55

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/2/2010 15:31		0.31	0.55
7/2/2010 15:46		0.30	0.53
7/2/2010 16:01		0.28	0.51
7/2/2010 16:16		0.26	0.49
7/2/2010 16:31		0.25	0.48
7/2/2010 16:46		0.23	0.46
7/2/2010 17:01		0.21	0.44
7/2/2010 17:16		0.20	0.42
7/2/2010 17:31		0.18	0.40
7/2/2010 17:46		0.16	0.38
7/2/2010 18:01		0.14	0.36
7/2/2010 18:16		0.12	0.34
7/2/2010 18:31		0.10	0.32
7/2/2010 18:46		0.08	0.30
7/2/2010 19:01		0.07	0.29
7/2/2010 19:16		0.05	0.27
7/2/2010 19:31		0.03	0.25
7/2/2010 19:46		0.01	0.22
7/2/2010 20:01		0.00	0.22
7/2/2010 20:16		0.00	0.21
7/2/2010 20:31		0.01	0.23
7/2/2010 20:46		0.03	0.25
7/2/2010 21:01		0.05	0.27
7/2/2010 21:16		0.07	0.29
7/2/2010 21:31		0.10	0.32
7/2/2010 21:46		0.14	0.36
7/2/2010 22:01		0.17	0.40
7/2/2010 22:16		0.20	0.42
7/2/2010 22:31		0.24	0.46
7/2/2010 22:46		0.27	0.50
7/2/2010 23:01		0.31	0.53
7/2/2010 23:16		0.34	0.55
7/2/2010 23:31		0.37	0.59
7/2/2010 23:46		0.40	0.62
7/3/2010 0:01		0.44	0.66
7/3/2010 0:16		0.47	0.69
7/3/2010 0:31		0.49	0.71
7/3/2010 0:46		0.51	0.73
7/3/2010 1:01		0.54	0.76
7/3/2010 1:16		0.55	0.77
7/3/2010 1:31		0.57	0.79
7/3/2010 1:46		0.58	0.80
7/3/2010 2:01		0.59	0.81
7/3/2010 2:16		0.60	0.82
7/3/2010 2:31		0.60	0.82
7/3/2010 2:46		0.60	0.82
7/3/2010 3:01		0.60	0.82
7/3/2010 3:16		0.60	0.82
7/3/2010 3:31		0.60	0.82
7/3/2010 3:46		0.60	0.82
7/3/2010 4:01		0.60	0.82
7/3/2010 4:16		0.59	0.81
7/3/2010 4:31		0.58	0.81
7/3/2010 4:46		0.57	0.80
7/3/2010 5:01		0.57	0.80
7/3/2010 5:16		0.56	0.79
7/3/2010 5:31		0.55	0.78
7/3/2010 5:46		0.54	0.77
7/3/2010 6:01		0.54	0.78
7/3/2010 6:16		0.54	0.78
7/3/2010 6:31		0.54	0.78
7/3/2010 6:46		0.54	0.78
7/3/2010 7:01		0.54	0.78
7/3/2010 7:16		0.54	0.78
7/3/2010 7:31		0.54	0.78
7/3/2010 7:46		0.54	0.78
7/3/2010 8:01		0.54	0.78
7/3/2010 8:16		0.56	0.81
7/3/2010 8:31		0.57	0.82

PZ01I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/20/2010 18:45	2.574776	0.45	0.58
6/20/2010 19:00	2.576957	0.44	0.57
6/20/2010 19:15	2.579087	0.44	0.58
6/20/2010 19:30	2.580328	0.44	0.59
6/20/2010 19:45	2.582668	0.44	0.58
6/20/2010 20:00	2.585954	0.43	0.58
6/20/2010 20:15	2.586851	0.43	0.58
6/20/2010 20:30	2.587121	0.43	0.58
6/20/2010 20:45	2.587325	0.43	0.59
6/20/2010 21:00	2.588277	0.43	0.60
6/20/2010 21:15	2.59001	0.43	0.60
6/20/2010 21:30	2.587628	0.43	0.62
6/20/2010 21:45	2.587563	0.43	0.63
6/20/2010 22:00	2.585083	0.43	0.63
6/20/2010 22:15	2.582939	0.44	0.64
6/20/2010 22:30	2.58101	0.44	0.65
6/20/2010 22:45	2.579035	0.44	0.64
6/20/2010 23:00	2.576435	0.44	0.65
6/20/2010 23:15	2.573866	0.45	0.66
6/20/2010 23:30	2.569568	0.45	0.66
6/20/2010 23:45	2.565478	0.45	0.67
6/21/2010 0:00	2.561939	0.46	0.68
6/21/2010 0:15	2.557554	0.46	0.68
6/21/2010 0:30	2.552753	0.47	0.68
6/21/2010 0:45	2.54846	0.47	0.69
6/21/2010 1:00	2.543861	0.48	0.69
6/21/2010 1:15	2.539825	0.48	0.70
6/21/2010 1:30	2.536775	0.48	0.69
6/21/2010 1:45	2.532751	0.49	0.71
6/21/2010 2:00	2.527254	0.49	0.71
6/21/2010 2:15	2.522421	0.50	0.72
6/21/2010 2:30	2.519609	0.50	0.72
6/21/2010 2:45	2.51601	0.50	0.72
6/21/2010 3:00	2.513329	0.51	0.72
6/21/2010 3:15	2.510088	0.51	0.73
6/21/2010 3:30	2.508971	0.51	0.72
6/21/2010 3:45	2.506919	0.51	0.72
6/21/2010 4:00	2.504471	0.52	0.74
6/21/2010 4:15	2.505073	0.51	0.73
6/21/2010 4:30	2.505086	0.51	0.73
6/21/2010 4:45	2.50453	0.52	0.74
6/21/2010 5:00	2.505633	0.51	0.74
6/21/2010 5:15	2.506711	0.51	0.75
6/21/2010 5:30	2.50734	0.51	0.76
6/21/2010 5:45	2.507783	0.51	0.77
6/21/2010 6:00	2.508287	0.51	0.78
6/21/2010 6:15	2.508868	0.51	0.79
6/21/2010 6:30	2.511906	0.51	0.80
6/21/2010 6:45	2.51383	0.51	0.80
6/21/2010 7:00	2.516657	0.50	0.79
6/21/2010 7:15	2.520429	0.50	0.79
6/21/2010 7:30	2.523554	0.50	0.80
6/21/2010 7:45	2.525721	0.49	0.79
6/21/2010 8:00	2.527507	0.49	0.80
6/21/2010 8:15	2.530899	0.49	0.81
6/21/2010 8:30	2.534925	0.49	0.80
6/21/2010 8:45	2.538979	0.48	0.79
6/21/2010 9:00	2.5429	0.48	0.78
6/21/2010 9:15	2.54653	0.47	0.77
6/21/2010 9:30	2.551049	0.47	0.78
6/21/2010 9:45	2.554291	0.47	0.78
6/21/2010 10:00	2.556795	0.46	0.77
6/21/2010 10:15	2.559252	0.46	0.77
6/21/2010 10:30	2.563411	0.46	0.77
6/21/2010 10:45	2.564024	0.46	0.76
6/21/2010 11:00	2.567382	0.45	0.75
6/21/2010 11:15	2.568951	0.45	0.75
6/21/2010 11:30	2.571903	0.45	0.75
6/21/2010 11:45	2.570923	0.45	0.75

PZ01D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/20/2010 18:45	2.336447	0.38	0.52
6/20/2010 19:00	2.360017	0.36	0.50
6/20/2010 19:15	2.392987	0.33	0.48
6/20/2010 19:30	2.429275	0.29	0.45
6/20/2010 19:45	2.46513	0.25	0.40
6/20/2010 20:00	2.496832	0.22	0.38
6/20/2010 20:15	2.526776	0.19	0.35
6/20/2010 20:30	2.554187	0.17	0.33
6/20/2010 20:45	2.574211	0.15	0.31
6/20/2010 21:00	2.591385	0.13	0.30
6/20/2010 21:15	2.602012	0.12	0.29
6/20/2010 21:30	2.609	0.11	0.30
6/20/2010 21:45	2.611051	0.11	0.31
6/20/2010 22:00	2.608348	0.11	0.31
6/20/2010 22:15	2.595976	0.12	0.32
6/20/2010 22:30	2.574913	0.15	0.36
6/20/2010 22:45	2.548076	0.17	0.37
6/20/2010 23:00	2.517031	0.20	0.41
6/20/2010 23:15	2.482991	0.24	0.45
6/20/2010 23:30	2.449696	0.27	0.48
6/20/2010 23:45	2.406641	0.31	0.53
6/21/2010 0:00	2.363109	0.36	0.58
6/21/2010 0:15	2.308448	0.41	0.63
6/21/2010 0:30	2.253633	0.47	0.68
6/21/2010 0:45	2.201875	0.52	0.74
6/21/2010 1:00	2.151488	0.57	0.78
6/21/2010 1:15	2.101934	0.62	0.84
6/21/2010 1:30	2.047458	0.67	0.88
6/21/2010 1:45	1.999902	0.72	0.94
6/21/2010 2:00	1.951741	0.77	0.99
6/21/2010 2:15	1.90185	0.82	1.04
6/21/2010 2:30	1.861981	0.86	1.08
6/21/2010 2:45	1.822914	0.90	1.12
6/21/2010 3:00	1.789173	0.93	1.14
6/21/2010 3:15	1.760633	0.96	1.18
6/21/2010 3:30	1.736224	0.98	1.19
6/21/2010 3:45	1.717963	1.00	1.21
6/21/2010 4:00	1.700789	1.02	1.24
6/21/2010 4:15	1.696129	1.02	1.24
6/21/2010 4:30	1.695486	1.02	1.24
6/21/2010 4:45	1.700926	1.02	1.24
6/21/2010 5:00	1.720501	1.00	1.23
6/21/2010 5:15	1.739436	0.98	1.22
6/21/2010 5:30	1.75722	0.96	1.21
6/21/2010 5:45	1.786629	0.93	1.19
6/21/2010 6:00	1.810808	0.91	1.18
6/21/2010 6:15	1.841159	0.88	1.16
6/21/2010 6:30	1.876552	0.84	1.14
6/21/2010 6:45	1.913692	0.81	1.11
6/21/2010 7:00	1.948737	0.77	1.07
6/21/2010 7:15	1.98837	0.73	1.03
6/21/2010 7:30	2.028111	0.69	1.00
6/21/2010 7:45	2.068253	0.65	0.96
6/21/2010 8:00	2.10821	0.61	0.93
6/21/2010 8:15	2.146735	0.57	0.90
6/21/2010 8:30	2.186489	0.53	0.85
6/21/2010 8:45	2.226467	0.49	0.81
6/21/2010 9:00	2.270069	0.45	0.76
6/21/2010 9:15	2.311751	0.41	0.72
6/21/2010 9:30	2.34804	0.37	0.69
6/21/2010 9:45	2.386069	0.33	0.65
6/21/2010 10:00	2.41563	0.30	0.62
6/21/2010 10:15	2.449165	0.27	0.59
6/21/2010 10:30	2.478465	0.24	0.56
6/21/2010 10:45	2.504448	0.22	0.53
6/21/2010 11:00	2.519648	0.20	0.51
6/21/2010 11:15	2.534434	0.19	0.50
6/21/2010 11:30	2.542884	0.18	0.49
6/21/2010 11:45	2.545858	0.17	0.48

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/3/2010 8:46		0.59	0.83
7/3/2010 9:01		0.61	0.85
7/3/2010 9:16		0.62	0.86
7/3/2010 9:31		0.63	0.87
7/3/2010 9:46		0.64	0.87
7/3/2010 10:01		0.65	0.88
7/3/2010 10:16		0.68	0.91
7/3/2010 10:31		0.71	0.94
7/3/2010 10:46		0.72	0.95
7/3/2010 11:01		0.74	0.96
7/3/2010 11:16		0.75	0.97
7/3/2010 11:31		0.76	0.98
7/3/2010 11:46		0.77	0.99
7/3/2010 12:01		0.78	0.99
7/3/2010 12:16		0.79	1.01
7/3/2010 12:31		0.80	1.01
7/3/2010 12:46		0.80	1.01
7/3/2010 13:01		0.80	1.00
7/3/2010 13:16		0.80	1.00
7/3/2010 13:31		0.80	0.99
7/3/2010 13:46		0.79	0.99
7/3/2010 14:01		0.78	0.97
7/3/2010 14:16		0.78	0.96
7/3/2010 14:31		0.77	0.95
7/3/2010 14:46		0.75	0.93
7/3/2010 15:01		0.74	0.92
7/3/2010 15:16		0.73	0.90
7/3/2010 15:31		0.72	0.89
7/3/2010 15:46		0.71	0.88
7/3/2010 16:01		0.69	0.85
7/3/2010 16:16		0.68	0.85
7/3/2010 16:31		0.66	0.83
7/3/2010 16:46		0.65	0.81
7/3/2010 17:01		0.63	0.79
7/3/2010 17:16		0.61	0.77
7/3/2010 17:31		0.60	0.76
7/3/2010 17:46		0.57	0.73
7/3/2010 18:01		0.56	0.71
7/3/2010 18:16		0.54	0.69
7/3/2010 18:31		0.49	0.64
7/3/2010 18:46		0.44	0.60
7/3/2010 19:01		0.41	0.57
7/3/2010 19:16		0.39	0.54
7/3/2010 19:31		0.35	0.50
7/3/2010 19:46		0.34	0.49
7/3/2010 20:01		0.33	0.48
7/3/2010 20:16		0.32	0.47
7/3/2010 20:31		0.31	0.46
7/3/2010 20:46		0.31	0.46
7/3/2010 21:01		0.31	0.46
7/3/2010 21:16		0.31	0.46
7/3/2010 21:31		0.32	0.47
7/3/2010 21:46		0.32	0.48
7/3/2010 22:01		0.32	0.48
7/3/2010 22:16		0.38	0.54
7/3/2010 22:31		0.41	0.57
7/3/2010 22:46		0.44	0.60
7/3/2010 23:01		0.48	0.63
7/3/2010 23:16		0.51	0.67
7/3/2010 23:31		0.55	0.71
7/3/2010 23:46		0.59	0.75
7/4/2010 0:01		0.62	0.78
7/4/2010 0:16		0.64	0.80
7/4/2010 0:31		0.67	0.83
7/4/2010 0:46		0.70	0.86
7/4/2010 1:01		0.72	0.88
7/4/2010 1:16		0.74	0.90
7/4/2010 1:31		0.76	0.92
7/4/2010 1:46		0.77	0.93

PZ01I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/21/2010 12:00	2.571775	0.45	0.75
6/21/2010 12:15	2.572709	0.45	0.74
6/21/2010 12:30	2.573121	0.45	0.75
6/21/2010 12:45	2.570203	0.45	0.75
6/21/2010 13:00	2.572102	0.45	0.74
6/21/2010 13:15	2.572944	0.45	0.74
6/21/2010 13:30	2.572752	0.45	0.74
6/21/2010 13:45	2.570437	0.45	0.74
6/21/2010 14:00	2.568609	0.45	0.74
6/21/2010 14:15	2.565312	0.45	0.74
6/21/2010 14:30	2.564269	0.46	0.75
6/21/2010 14:45	2.566163	0.45	0.73
6/21/2010 15:00	2.564598	0.46	0.74
6/21/2010 15:15	2.564669	0.46	0.75
6/21/2010 15:30	2.563548	0.46	0.75
6/21/2010 15:45	2.563154	0.46	0.75
6/21/2010 16:00	2.562059	0.46	0.74
6/21/2010 16:15	2.561754	0.46	0.74
6/21/2010 16:30	2.562171	0.46	0.74
6/21/2010 16:45	2.564012	0.46	0.74
6/21/2010 17:00	2.565889	0.45	0.73
6/21/2010 17:15	2.567808	0.45	0.73
6/21/2010 17:30	2.568359	0.45	0.73
6/21/2010 17:45	2.571855	0.45	0.73
6/21/2010 18:00	2.57441	0.45	0.73
6/21/2010 18:15	2.572418	0.45	0.73
6/21/2010 18:30	2.57505	0.44	0.73
6/21/2010 18:45	2.574811	0.45	0.73
6/21/2010 19:00	2.575212	0.44	0.73
6/21/2010 19:15	2.578826	0.44	0.73
6/21/2010 19:30	2.581177	0.44	0.73
6/21/2010 19:45	2.581625	0.44	0.73
6/21/2010 20:00	2.582332	0.44	0.73
6/21/2010 20:15	2.582672	0.44	0.73
6/21/2010 20:30	2.585629	0.43	0.73
6/21/2010 20:45	2.584404	0.44	0.74
6/21/2010 21:00	2.585128	0.43	0.73
6/21/2010 21:15	2.588116	0.43	0.74
6/21/2010 21:30	2.588164	0.43	0.74
6/21/2010 21:45	2.588397	0.43	0.74
6/21/2010 22:00	2.588728	0.43	0.75
6/21/2010 22:15	2.587776	0.43	0.76
6/21/2010 22:30	2.585224	0.43	0.75
6/21/2010 22:45	2.585425	0.43	0.75
6/21/2010 23:00	2.585345	0.43	0.76
6/21/2010 23:15	2.582186	0.44	0.76
6/21/2010 23:30	2.581849	0.44	0.76
6/21/2010 23:45	2.577826	0.44	0.75
6/22/2010 0:00	2.573566	0.45	0.76
6/22/2010 0:15	2.570475	0.45	0.77
6/22/2010 0:30	2.564209	0.46	0.78
6/22/2010 0:45	2.561113	0.46	0.78
6/22/2010 1:00	2.555855	0.46	0.78
6/22/2010 1:15	2.551889	0.47	0.79
6/22/2010 1:30	2.546713	0.47	0.79
6/22/2010 1:45	2.544132	0.48	0.80
6/22/2010 2:00	2.536494	0.48	0.80
6/22/2010 2:15	2.531781	0.49	0.81
6/22/2010 2:30	2.529032	0.49	0.80
6/22/2010 2:45	2.523584	0.50	0.81
6/22/2010 3:00	2.520769	0.50	0.81
6/22/2010 3:15	2.518719	0.50	0.81
6/22/2010 3:30	2.512985	0.51	0.82
6/22/2010 3:45	2.510517	0.51	0.84
6/22/2010 4:00	2.506837	0.51	0.84
6/22/2010 4:15	2.503421	0.52	0.85
6/22/2010 4:30	2.499938	0.52	0.86
6/22/2010 4:45	2.497211	0.52	0.85
6/22/2010 5:00	2.494591	0.53	0.87

PZ01D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/21/2010 12:00	2.543081	0.18	0.49
6/21/2010 12:15	2.537116	0.18	0.48
6/21/2010 12:30	2.531273	0.19	0.50
6/21/2010 12:45	2.512458	0.21	0.52
6/21/2010 13:00	2.497284	0.22	0.52
6/21/2010 13:15	2.487827	0.23	0.53
6/21/2010 13:30	2.459586	0.26	0.56
6/21/2010 13:45	2.435934	0.28	0.57
6/21/2010 14:00	2.41503	0.30	0.59
6/21/2010 14:15	2.386426	0.33	0.62
6/21/2010 14:30	2.35854	0.36	0.65
6/21/2010 14:45	2.339328	0.38	0.66
6/21/2010 15:00	2.326951	0.39	0.67
6/21/2010 15:15	2.314098	0.41	0.70
6/21/2010 15:30	2.299965	0.42	0.71
6/21/2010 15:45	2.290048	0.43	0.72
6/21/2010 16:00	2.28165	0.44	0.72
6/21/2010 16:15	2.276684	0.44	0.72
6/21/2010 16:30	2.278979	0.44	0.72
6/21/2010 16:45	2.292059	0.43	0.71
6/21/2010 17:00	2.307321	0.41	0.69
6/21/2010 17:15	2.324582	0.40	0.68
6/21/2010 17:30	2.347342	0.37	0.65
6/21/2010 17:45	2.373184	0.35	0.63
6/21/2010 18:00	2.401024	0.32	0.60
6/21/2010 18:15	2.422625	0.30	0.58
6/21/2010 18:30	2.449412	0.27	0.56
6/21/2010 18:45	2.473826	0.25	0.53
6/21/2010 19:00	2.494937	0.23	0.52
6/21/2010 19:15	2.517777	0.20	0.49
6/21/2010 19:30	2.545423	0.17	0.46
6/21/2010 19:45	2.571643	0.15	0.45
6/21/2010 20:00	2.599767	0.12	0.42
6/21/2010 20:15	2.628269	0.09	0.39
6/21/2010 20:30	2.65382	0.07	0.38
6/21/2010 20:45	2.673947	0.05	0.36
6/21/2010 21:00	2.691907	0.03	0.34
6/21/2010 21:15	2.712176	0.01	0.33
6/21/2010 21:30	2.728746	-0.01	0.31
6/21/2010 21:45	2.741829	-0.02	0.30
6/21/2010 22:00	2.750213	-0.03	0.30
6/21/2010 22:15	2.753404	-0.03	0.31
6/21/2010 22:30	2.752114	-0.03	0.30
6/21/2010 22:45	2.746479	-0.03	0.30
6/21/2010 23:00	2.731807	-0.01	0.33
6/21/2010 23:15	2.717363	0.00	0.33
6/21/2010 23:30	2.685527	0.03	0.36
6/21/2010 23:45	2.648075	0.07	0.39
6/22/2010 0:00	2.611195	0.11	0.43
6/22/2010 0:15	2.57056	0.15	0.48
6/22/2010 0:30	2.524652	0.20	0.53
6/22/2010 0:45	2.475322	0.24	0.57
6/22/2010 1:00	2.422441	0.30	0.63
6/22/2010 1:15	2.370048	0.35	0.68
6/22/2010 1:30	2.310681	0.41	0.74
6/22/2010 1:45	2.256533	0.46	0.79
6/22/2010 2:00	2.203723	0.52	0.85
6/22/2010 2:15	2.148995	0.57	0.90
6/22/2010 2:30	2.097872	0.62	0.94
6/22/2010 2:45	2.046971	0.67	0.99
6/22/2010 3:00	1.996425	0.72	1.04
6/22/2010 3:15	1.947741	0.77	1.09
6/22/2010 3:30	1.905126	0.81	1.13
6/22/2010 3:45	1.86521	0.85	1.19
6/22/2010 4:00	1.831488	0.89	1.23
6/22/2010 4:15	1.800272	0.92	1.26
6/22/2010 4:30	1.77244	0.95	1.30
6/22/2010 4:45	1.749493	0.97	1.31
6/22/2010 5:00	1.731963	0.99	1.34

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/4/2010 2:01		0.79	0.95
7/4/2010 2:16		0.80	0.96
7/4/2010 2:31		0.80	0.96
7/4/2010 2:46		0.80	0.96
7/4/2010 3:01		0.80	0.95
7/4/2010 3:16		0.80	0.95
7/4/2010 3:31		0.79	0.94
7/4/2010 3:46		0.79	0.94
7/4/2010 4:01		0.78	0.93
7/4/2010 4:16		0.77	0.92
7/4/2010 4:31		0.76	0.91
7/4/2010 4:46		0.75	0.90
7/4/2010 5:01		0.74	0.89
7/4/2010 5:16		0.73	0.89
7/4/2010 5:31		0.72	0.88
7/4/2010 5:46		0.70	0.86
7/4/2010 6:01		0.69	0.85
7/4/2010 6:16		0.68	0.84
7/4/2010 6:31		0.67	0.82
7/4/2010 6:46		0.65	0.81
7/4/2010 7:01		0.65	0.81
7/4/2010 7:16		0.63	0.79
7/4/2010 7:31		0.62	0.78
7/4/2010 7:46		0.62	0.78
7/4/2010 8:01		0.61	0.77
7/4/2010 8:16		0.61	0.76
7/4/2010 8:31		0.62	0.78
7/4/2010 8:46		0.62	0.78
7/4/2010 9:01		0.62	0.78
7/4/2010 9:16		0.63	0.78
7/4/2010 9:31		0.63	0.78
7/4/2010 9:46		0.63	0.77
7/4/2010 10:01		0.65	0.79
7/4/2010 10:16		0.65	0.79
7/4/2010 10:31		0.66	0.80
7/4/2010 10:46		0.67	0.81
7/4/2010 11:01		0.68	0.83
7/4/2010 11:16		0.70	0.84
7/4/2010 11:31		0.71	0.85
7/4/2010 11:46		0.72	0.86
7/4/2010 12:01		0.74	0.88
7/4/2010 12:16		0.74	0.88
7/4/2010 12:31		0.75	0.88
7/4/2010 12:46		0.75	0.87
7/4/2010 13:01		0.76	0.89
7/4/2010 13:16		0.76	0.89
7/4/2010 13:31		0.75	0.87
7/4/2010 13:46		0.75	0.87
7/4/2010 14:01		0.74	0.86
7/4/2010 14:16		0.74	0.86
7/4/2010 14:31		0.73	0.85
7/4/2010 14:46		0.71	0.82
7/4/2010 15:01		0.69	0.80
7/4/2010 15:16		0.67	0.78
7/4/2010 15:31		0.65	0.75
7/4/2010 15:46		0.62	0.72
7/4/2010 16:01		0.60	0.70
7/4/2010 16:16		0.58	0.68
7/4/2010 16:31		0.55	0.65
7/4/2010 16:46		0.53	0.62
7/4/2010 17:01		0.50	0.59
7/4/2010 17:16		0.48	0.57
7/4/2010 17:31		0.45	0.54
7/4/2010 17:46		0.42	0.51
7/4/2010 18:01		0.40	0.49
7/4/2010 18:16		0.37	0.45
7/4/2010 18:31		0.35	0.43
7/4/2010 18:46		0.32	0.40
7/4/2010 19:01		0.31	0.39

PZ01I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/22/2010 5:15	2.495562	0.52	0.86
6/22/2010 5:30	2.496823	0.52	0.87
6/22/2010 5:45	2.495201	0.52	0.86
6/22/2010 6:00	2.495552	0.52	0.87
6/22/2010 6:15	2.496123	0.52	0.87
6/22/2010 6:30	2.496698	0.52	0.88
6/22/2010 6:45	2.497164	0.52	0.88
6/22/2010 7:00	2.49958	0.52	0.89
6/22/2010 7:15	2.504667	0.52	0.88
6/22/2010 7:30	2.507564	0.51	0.88
6/22/2010 7:45	2.508586	0.51	0.88
6/22/2010 8:00	2.510805	0.51	0.88
6/22/2010 8:15	2.513249	0.51	0.88
6/22/2010 8:30	2.515516	0.50	0.87
6/22/2010 8:45	2.519049	0.50	0.87
6/22/2010 9:00	2.522879	0.50	0.87
6/22/2010 9:15	2.527779	0.49	0.85
6/22/2010 9:30	2.531315	0.49	0.85
6/22/2010 9:45	2.532666	0.49	0.86
6/22/2010 10:00	2.535823	0.48	0.85
6/22/2010 10:15	2.539045	0.48	0.84
6/22/2010 10:30	2.541714	0.48	0.84
6/22/2010 10:45	2.545913	0.47	0.83
6/22/2010 11:00	2.548519	0.47	0.83
6/22/2010 11:15	2.553506	0.47	0.83
6/22/2010 11:30	2.555336	0.46	0.82
6/22/2010 11:45	2.558038	0.46	0.82
6/22/2010 12:00	2.557709	0.46	0.82
6/22/2010 12:15	2.56031	0.46	0.81
6/22/2010 12:30	2.560683	0.46	0.81
6/22/2010 12:45	2.562561	0.46	0.80
6/22/2010 13:00	2.562124	0.46	0.79
6/22/2010 13:15	2.562147	0.46	0.78
6/22/2010 13:30	2.561113	0.46	0.77
6/22/2010 13:45	2.560572	0.46	0.76
6/22/2010 14:00	2.560173	0.46	0.75
6/22/2010 14:15	2.55768	0.46	0.75
6/22/2010 14:30	2.557667	0.46	0.75
6/22/2010 14:45	2.554568	0.47	0.76
6/22/2010 15:00	2.552816	0.47	0.75
6/22/2010 15:15	2.550997	0.47	0.75
6/22/2010 15:30	2.548159	0.47	0.74
6/22/2010 15:45	2.546695	0.47	0.74
6/22/2010 16:00	2.545065	0.47	0.74
6/22/2010 16:15	2.544428	0.48	0.74
6/22/2010 16:30	2.543289	0.48	0.72
6/22/2010 16:45	2.541756	0.48	0.72
6/22/2010 17:00	2.541035	0.48	0.71
6/22/2010 17:15	2.541314	0.48	0.71
6/22/2010 17:30	2.54135	0.48	0.70
6/22/2010 17:45	2.542093	0.48	0.70
6/22/2010 18:00	2.542868	0.48	0.70
6/22/2010 18:15	2.543199	0.48	0.70
6/22/2010 18:30	2.543644	0.48	0.70
6/22/2010 18:45	2.545234	0.47	0.68
6/22/2010 19:00	2.545756	0.47	0.68
6/22/2010 19:15	2.544442	0.48	0.73
6/22/2010 19:30	2.547905	0.47	0.69
6/22/2010 19:45	2.548044	0.47	0.68
6/22/2010 20:00	2.548665	0.47	0.70
6/22/2010 20:15	2.550007	0.47	0.68
6/22/2010 20:30	2.553372	0.47	0.69
6/22/2010 20:45	2.551141	0.47	0.69
6/22/2010 21:00	2.552154	0.47	0.69
6/22/2010 21:15	2.553857	0.47	0.70
6/22/2010 21:30	2.55343	0.47	0.72
6/22/2010 21:45	2.555391	0.46	0.71
6/22/2010 22:00	2.554285	0.47	0.73
6/22/2010 22:15	2.55389	0.47	0.74

PZ01D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/22/2010 5:15	1.725211	0.99	1.34
6/22/2010 5:30	1.7273	0.99	1.35
6/22/2010 5:45	1.732867	0.99	1.34
6/22/2010 6:00	1.74399	0.98	1.34
6/22/2010 6:15	1.756925	0.96	1.32
6/22/2010 6:30	1.773621	0.95	1.32
6/22/2010 6:45	1.798611	0.92	1.29
6/22/2010 7:00	1.825676	0.89	1.27
6/22/2010 7:15	1.856446	0.86	1.23
6/22/2010 7:30	1.88696	0.83	1.21
6/22/2010 7:45	1.918458	0.80	1.18
6/22/2010 8:00	1.950952	0.77	1.15
6/22/2010 8:15	1.986492	0.73	1.11
6/22/2010 8:30	2.021335	0.70	1.08
6/22/2010 8:45	2.058576	0.66	1.04
6/22/2010 9:00	2.095815	0.62	1.00
6/22/2010 9:15	2.131302	0.59	0.96
6/22/2010 9:30	2.163464	0.56	0.93
6/22/2010 9:45	2.197309	0.52	0.90
6/22/2010 10:00	2.239289	0.48	0.86
6/22/2010 10:15	2.274457	0.45	0.82
6/22/2010 10:30	2.307744	0.41	0.78
6/22/2010 10:45	2.341676	0.38	0.75
6/22/2010 11:00	2.371255	0.35	0.72
6/22/2010 11:15	2.401297	0.32	0.69
6/22/2010 11:30	2.426207	0.29	0.66
6/22/2010 11:45	2.443628	0.28	0.65
6/22/2010 12:00	2.45648	0.26	0.63
6/22/2010 12:15	2.458984	0.26	0.62
6/22/2010 12:30	2.458738	0.26	0.62
6/22/2010 12:45	2.456171	0.26	0.61
6/22/2010 13:00	2.440051	0.28	0.62
6/22/2010 13:15	2.42026	0.30	0.63
6/22/2010 13:30	2.401709	0.32	0.64
6/22/2010 13:45	2.37831	0.34	0.65
6/22/2010 14:00	2.349563	0.37	0.67
6/22/2010 14:15	2.31855	0.40	0.69
6/22/2010 14:30	2.284637	0.44	0.73
6/22/2010 14:45	2.245982	0.47	0.76
6/22/2010 15:00	2.209146	0.51	0.79
6/22/2010 15:15	2.180693	0.54	0.82
6/22/2010 15:30	2.150445	0.57	0.84
6/22/2010 15:45	2.122947	0.60	0.87
6/22/2010 16:00	2.094598	0.63	0.90
6/22/2010 16:15	2.066606	0.65	0.91
6/22/2010 16:30	2.039569	0.68	0.92
6/22/2010 16:45	2.019451	0.70	0.94
6/22/2010 17:00	2.009572	0.71	0.94
6/22/2010 17:15	2.001744	0.72	0.95
6/22/2010 17:30	1.998905	0.72	0.94
6/22/2010 17:45	2.002898	0.72	0.94
6/22/2010 18:00	2.006357	0.71	0.93
6/22/2010 18:15	2.020567	0.70	0.92
6/22/2010 18:30	2.030341	0.69	0.91
6/22/2010 18:45	2.043074	0.68	0.89
6/22/2010 19:00	2.059424	0.66	0.87
6/22/2010 19:15	2.076916	0.64	0.89
6/22/2010 19:30	2.102412	0.62	0.84
6/22/2010 19:45	2.120755	0.60	0.81
6/22/2010 20:00	2.130508	0.59	0.82
6/22/2010 20:15	2.132715	0.59	0.80
6/22/2010 20:30	2.178642	0.54	0.76
6/22/2010 20:45	2.177405	0.54	0.76
6/22/2010 21:00	2.192316	0.53	0.75
6/22/2010 21:15	2.226612	0.49	0.72
6/22/2010 21:30	2.236668	0.48	0.73
6/22/2010 21:45	2.26085	0.46	0.71
6/22/2010 22:00	2.274518	0.45	0.71
6/22/2010 22:15	2.283606	0.44	0.71

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/4/2010 19:16		0.28	0.36
7/4/2010 19:31		0.26	0.35
7/4/2010 19:46		0.25	0.33
7/4/2010 20:01		0.23	0.32
7/4/2010 20:16		0.22	0.30
7/4/2010 20:31		0.22	0.30
7/4/2010 20:46		0.22	0.31
7/4/2010 21:01		0.23	0.32
7/4/2010 21:16		0.24	0.33
7/4/2010 21:31		0.26	0.35
7/4/2010 21:46		0.27	0.37
7/4/2010 22:01		0.29	0.39
7/4/2010 22:16		0.32	0.42
7/4/2010 22:31		0.34	0.44
7/4/2010 22:46		0.37	0.47
7/4/2010 23:01		0.40	0.51
7/4/2010 23:16		0.43	0.54
7/4/2010 23:31		0.47	0.58
7/4/2010 23:46		0.51	0.62
7/5/2010 0:01		0.54	0.64
7/5/2010 0:16		0.57	0.68
7/5/2010 0:31		0.61	0.72
7/5/2010 0:46		0.64	0.75
7/5/2010 1:01		0.68	0.79
7/5/2010 1:16		0.71	0.82
7/5/2010 1:31		0.74	0.85
7/5/2010 1:46		0.77	0.88
7/5/2010 2:01		0.79	0.90
7/5/2010 2:16		0.82	0.92
7/5/2010 2:31		0.84	0.94
7/5/2010 2:46		0.85	0.95
7/5/2010 3:01		0.86	0.96
7/5/2010 3:16		0.87	0.97
7/5/2010 3:31		0.88	0.98
7/5/2010 3:46		0.88	0.98
7/5/2010 4:01		0.88	0.98
7/5/2010 4:16		0.88	0.98
7/5/2010 4:31		0.87	0.97
7/5/2010 4:46		0.86	0.96
7/5/2010 5:01		0.85	0.95
7/5/2010 5:16		0.83	0.94
7/5/2010 5:31		0.82	0.92
7/5/2010 5:46		0.81	0.92
7/5/2010 6:01		0.79	0.90
7/5/2010 6:16		0.77	0.88
7/5/2010 6:31		0.75	0.86
7/5/2010 6:46		0.73	0.85
7/5/2010 7:01		0.71	0.82
7/5/2010 7:16		0.69	0.81
7/5/2010 7:31		0.68	0.80
7/5/2010 7:46		0.66	0.78
7/5/2010 8:01		0.64	0.76
7/5/2010 8:16		0.63	0.75
7/5/2010 8:31		0.61	0.73
7/5/2010 8:46		0.59	0.71
7/5/2010 9:01		0.58	0.70
7/5/2010 9:16		0.57	0.69
7/5/2010 9:31		0.56	0.68
7/5/2010 9:46		0.55	0.67
7/5/2010 10:01		0.55	0.67
7/5/2010 10:16		0.54	0.66
7/5/2010 10:31		0.54	0.66
7/5/2010 10:46		0.54	0.66
7/5/2010 11:01		0.54	0.66
7/5/2010 11:16		0.54	0.66
7/5/2010 11:31		0.54	0.65
7/5/2010 11:46		0.55	0.67
7/5/2010 12:01		0.55	0.67
7/5/2010 12:16		0.55	0.66

PZ01I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/22/2010 22:30	2.555567	0.46	0.73
6/22/2010 22:45	2.555946	0.46	0.73
6/22/2010 23:00	2.557428	0.46	0.74
6/22/2010 23:15	2.558075	0.46	0.73
6/22/2010 23:30	2.554315	0.47	0.75
6/22/2010 23:45	2.556527	0.46	0.75
6/23/2010 0:00	2.559353	0.46	0.74
6/23/2010 0:15	2.558563	0.46	0.74
6/23/2010 0:30	2.555985	0.46	0.73
6/23/2010 0:45	2.550178	0.47	0.73
6/23/2010 1:00	2.543781	0.48	0.75
6/23/2010 1:15	2.540971	0.48	0.74
6/23/2010 1:30	2.538714	0.48	0.74
6/23/2010 1:45	2.538239	0.48	0.74
6/23/2010 2:00	2.536676	0.48	0.73
6/23/2010 2:15	2.530973	0.49	0.74
6/23/2010 2:30	2.525685	0.49	0.74
6/23/2010 2:45	2.520115	0.50	0.75
6/23/2010 3:00	2.515518	0.50	0.73
6/23/2010 3:15	2.512815	0.51	0.75
6/23/2010 3:30	2.50969	0.51	0.75
6/23/2010 3:45	2.506483	0.51	0.75
6/23/2010 4:00	2.502882	0.52	0.76
6/23/2010 4:15	2.498193	0.52	0.76
6/23/2010 4:30	2.494465	0.53	0.77
6/23/2010 4:45	2.491706	0.53	0.77
6/23/2010 5:00	2.488842	0.53	0.78
6/23/2010 5:15	2.487645	0.53	0.79
6/23/2010 5:30	2.48489	0.54	0.80
6/23/2010 5:45	2.485602	0.53	0.78
6/23/2010 6:00	2.484973	0.54	0.78
6/23/2010 6:15	2.482322	0.54	0.78
6/23/2010 6:30	2.482663	0.54	0.79
6/23/2010 6:45	2.482379	0.54	0.80
6/23/2010 7:00	2.483022	0.54	0.81
6/23/2010 7:15	2.486189	0.53	0.80
6/23/2010 7:30	2.488668	0.53	0.81
6/23/2010 7:45	2.490295	0.53	0.82
6/23/2010 8:00	2.491608	0.53	0.82
6/23/2010 8:15	2.493811	0.53	0.82
6/23/2010 8:30	2.497011	0.52	0.81
6/23/2010 8:45	2.501567	0.52	0.81
6/23/2010 9:00	2.503902	0.52	0.81
6/23/2010 9:15	2.509186	0.51	0.80
6/23/2010 9:30	2.512832	0.51	0.80
6/23/2010 9:45	2.516954	0.50	0.79
6/23/2010 10:00	2.521109	0.50	0.78
6/23/2010 10:15	2.523805	0.50	0.78
6/23/2010 10:30	2.52873	0.49	0.77
6/23/2010 10:45	2.532163	0.49	0.77
6/23/2010 11:00	2.537924	0.48	0.75
6/23/2010 11:15	2.541093	0.48	0.76
6/23/2010 11:30	2.545061	0.47	0.74
6/23/2010 11:45	2.549279	0.47	0.74
6/23/2010 12:00	2.552429	0.47	0.73
6/23/2010 12:15	2.557224	0.46	0.72
6/23/2010 12:30	2.558893	0.46	0.71
6/23/2010 12:45	2.56062	0.46	0.71
6/23/2010 13:00	2.563267	0.46	0.71
6/23/2010 13:15	2.564106	0.46	0.71
6/23/2010 13:30	2.562824	0.46	0.70
6/23/2010 13:45	2.56513	0.45	0.69
6/23/2010 14:00	2.566539	0.45	0.69
6/23/2010 14:15	2.565972	0.45	0.69
6/23/2010 14:30	2.564891	0.46	0.69
6/23/2010 14:45	2.565385	0.45	0.67
6/23/2010 15:00	2.563889	0.46	0.69
6/23/2010 15:15	2.564386	0.46	0.68
6/23/2010 15:30	2.564152	0.46	0.68

PZ01D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/22/2010 22:30	2.312536	0.41	0.68
6/22/2010 22:45	2.319987	0.40	0.67
6/22/2010 23:00	2.331925	0.39	0.67
6/22/2010 23:15	2.338982	0.38	0.65
6/22/2010 23:30	2.31903	0.40	0.68
6/22/2010 23:45	2.341529	0.38	0.67
6/23/2010 0:00	2.386059	0.33	0.61
6/23/2010 0:15	2.374614	0.35	0.63
6/23/2010 0:30	2.35481	0.37	0.64
6/23/2010 0:45	2.287495	0.43	0.69
6/23/2010 1:00	2.200737	0.52	0.79
6/23/2010 1:15	2.16064	0.56	0.82
6/23/2010 1:30	2.123904	0.60	0.86
6/23/2010 1:45	2.111597	0.61	0.87
6/23/2010 2:00	2.100804	0.62	0.87
6/23/2010 2:15	2.038271	0.68	0.93
6/23/2010 2:30	1.979053	0.74	0.99
6/23/2010 2:45	1.911472	0.81	1.06
6/23/2010 3:00	1.846669	0.87	1.10
6/23/2010 3:15	1.807516	0.91	1.15
6/23/2010 3:30	1.77089	0.95	1.19
6/23/2010 3:45	1.730375	0.99	1.23
6/23/2010 4:00	1.683401	1.04	1.28
6/23/2010 4:15	1.636888	1.08	1.32
6/23/2010 4:30	1.59087	1.13	1.37
6/23/2010 4:45	1.545841	1.17	1.41
6/23/2010 5:00	1.517191	1.20	1.45
6/23/2010 5:15	1.496702	1.22	1.48
6/23/2010 5:30	1.479434	1.24	1.50
6/23/2010 5:45	1.475855	1.24	1.49
6/23/2010 6:00	1.466028	1.25	1.49
6/23/2010 6:15	1.45586	1.26	1.50
6/23/2010 6:30	1.456895	1.26	1.51
6/23/2010 6:45	1.464333	1.26	1.52
6/23/2010 7:00	1.482753	1.24	1.51
6/23/2010 7:15	1.511548	1.21	1.48
6/23/2010 7:30	1.547656	1.17	1.45
6/23/2010 7:45	1.581257	1.14	1.43
6/23/2010 8:00	1.613058	1.11	1.40
6/23/2010 8:15	1.64258	1.08	1.38
6/23/2010 8:30	1.675155	1.04	1.34
6/23/2010 8:45	1.715059	1.00	1.30
6/23/2010 9:00	1.756011	0.96	1.26
6/23/2010 9:15	1.800179	0.92	1.22
6/23/2010 9:30	1.83837	0.88	1.17
6/23/2010 9:45	1.877663	0.84	1.13
6/23/2010 10:00	1.920763	0.80	1.08
6/23/2010 10:15	1.962448	0.76	1.04
6/23/2010 10:30	2.008863	0.71	0.99
6/23/2010 10:45	2.053755	0.67	0.95
6/23/2010 11:00	2.097513	0.62	0.89
6/23/2010 11:15	2.140028	0.58	0.86
6/23/2010 11:30	2.178476	0.54	0.81
6/23/2010 11:45	2.220588	0.50	0.77
6/23/2010 12:00	2.254415	0.47	0.73
6/23/2010 12:15	2.285199	0.43	0.69
6/23/2010 12:30	2.317194	0.40	0.65
6/23/2010 12:45	2.337803	0.38	0.63
6/23/2010 13:00	2.34317	0.38	0.63
6/23/2010 13:15	2.34342	0.38	0.63
6/23/2010 13:30	2.348362	0.37	0.61
6/23/2010 13:45	2.349886	0.37	0.61
6/23/2010 14:00	2.349896	0.37	0.61
6/23/2010 14:15	2.345935	0.37	0.61
6/23/2010 14:30	2.340866	0.38	0.61
6/23/2010 14:45	2.326117	0.39	0.61
6/23/2010 15:00	2.304765	0.42	0.65
6/23/2010 15:15	2.287685	0.43	0.65
6/23/2010 15:30	2.267259	0.45	0.67

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/5/2010 12:31		0.55	0.66
7/5/2010 12:46		0.56	0.67
7/5/2010 13:01		0.56	0.67
7/5/2010 13:16		0.57	0.67
7/5/2010 13:31		0.56	0.66
7/5/2010 13:46		0.56	0.66
7/5/2010 14:01		0.55	0.65
7/5/2010 14:16		0.55	0.65
7/5/2010 14:31		0.55	0.65
7/5/2010 14:46		0.54	0.64
7/5/2010 15:01		0.52	0.62
7/5/2010 15:16		0.51	0.61
7/5/2010 15:31		0.48	0.57
7/5/2010 15:46		0.46	0.55
7/5/2010 16:01		0.44	0.53
7/5/2010 16:16		0.42	0.51
7/5/2010 16:31		0.40	0.49
7/5/2010 16:46		0.37	0.46
7/5/2010 17:01		0.35	0.44
7/5/2010 17:16		0.32	0.41
7/5/2010 17:31		0.30	0.39
7/5/2010 17:46		0.27	0.36
7/5/2010 18:01		0.24	0.32
7/5/2010 18:16		0.22	0.31
7/5/2010 18:31		0.19	0.28
7/5/2010 18:46		0.16	0.25
7/5/2010 19:01		0.14	0.23
7/5/2010 19:16		0.11	0.20
7/5/2010 19:31		0.08	0.17
7/5/2010 19:46		0.06	0.15
7/5/2010 20:01		0.04	0.13
7/5/2010 20:16		0.02	0.11
7/5/2010 20:31		0.01	0.10
7/5/2010 20:46		0.00	0.09
7/5/2010 21:01		-0.01	0.09
7/5/2010 21:16		-0.02	0.08
7/5/2010 21:31		-0.01	0.10
7/5/2010 21:46		0.00	0.11
7/5/2010 22:01		0.01	0.12
7/5/2010 22:16		0.02	0.13
7/5/2010 22:31		0.04	0.15
7/5/2010 22:46		0.06	0.17
7/5/2010 23:01		0.08	0.19
7/5/2010 23:16		0.11	0.22
7/5/2010 23:31		0.15	0.26
7/5/2010 23:46		0.19	0.30
7/6/2010 0:01		0.22	0.33
7/6/2010 0:16		0.26	0.37
7/6/2010 0:31		0.30	0.41
7/6/2010 0:46		0.34	0.45
7/6/2010 1:01		0.38	0.49
7/6/2010 1:16		0.42	0.53
7/6/2010 1:31		0.46	0.57
7/6/2010 1:46		0.50	0.61
7/6/2010 2:01		0.53	0.64
7/6/2010 2:16		0.56	0.67
7/6/2010 2:31		0.59	0.70
7/6/2010 2:46		0.62	0.73
7/6/2010 3:01		0.65	0.76
7/6/2010 3:16		0.67	0.78
7/6/2010 3:31		0.69	0.79
7/6/2010 3:46		0.70	0.80
7/6/2010 4:01		0.71	0.81
7/6/2010 4:16		0.72	0.83
7/6/2010 4:31		0.71	0.82
7/6/2010 4:46		0.70	0.81
7/6/2010 5:01		0.70	0.81
7/6/2010 5:16		0.69	0.80
7/6/2010 5:31		0.68	0.79

PZ01I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/23/2010 15:45	2.56087	0.46	0.67
6/23/2010 16:00	2.55971	0.46	0.67
6/23/2010 16:15	2.558515	0.46	0.66
6/23/2010 16:30	2.558326	0.46	0.66
6/23/2010 16:45	2.556914	0.46	0.65
6/23/2010 17:00	2.556318	0.46	0.64
6/23/2010 17:15	2.55685	0.46	0.64
6/23/2010 17:30	2.558164	0.46	0.63
6/23/2010 17:45	2.555928	0.46	0.63
6/23/2010 18:00	2.557288	0.46	0.63
6/23/2010 18:15	2.556197	0.46	0.64
6/23/2010 18:30	2.556438	0.46	0.64
6/23/2010 18:45	2.558607	0.46	0.64
6/23/2010 19:00	2.556291	0.46	0.64
6/23/2010 19:15	2.559387	0.46	0.65
6/23/2010 19:30	2.558847	0.46	0.65
6/23/2010 19:45	2.560318	0.46	0.65
6/23/2010 20:00	2.562017	0.46	0.65
6/23/2010 20:15	2.562325	0.46	0.64
6/23/2010 20:30	2.563438	0.46	0.64
6/23/2010 20:45	2.565518	0.45	0.63
6/23/2010 21:00	2.568913	0.45	0.63
6/23/2010 21:15	2.572182	0.45	0.63
6/23/2010 21:30	2.572653	0.45	0.64
6/23/2010 21:45	2.573449	0.45	0.62
6/23/2010 22:00	2.575073	0.44	0.61
6/23/2010 22:15	2.577312	0.44	0.60
6/23/2010 22:30	2.578053	0.44	0.60
6/23/2010 22:45	2.580677	0.44	0.59
6/23/2010 23:00	2.583385	0.44	0.58
6/23/2010 23:15	2.586216	0.43	0.56
6/23/2010 23:30	2.587	0.43	0.56
6/23/2010 23:45	2.588062	0.43	0.56
6/24/2010 0:00	2.586416	0.43	0.57
6/24/2010 0:15	2.585388	0.43	0.58
6/24/2010 0:30	2.585557	0.43	0.58
6/24/2010 0:45	2.582228	0.44	0.59
6/24/2010 1:00	2.581965	0.44	0.60
6/24/2010 1:15	2.584387	0.44	0.60
6/24/2010 1:30	2.579346	0.44	0.59
6/24/2010 1:45	2.57473	0.45	0.60
6/24/2010 2:00	2.573865	0.45	0.60
6/24/2010 2:15	2.56831	0.45	0.61
6/24/2010 2:30	2.563977	0.46	0.61
6/24/2010 2:45	2.560147	0.46	0.61
6/24/2010 3:00	2.556294	0.46	0.60
6/24/2010 3:15	2.552933	0.47	0.61
6/24/2010 3:30	2.547811	0.47	0.60
6/24/2010 3:45	2.545154	0.47	0.60
6/24/2010 4:00	2.540391	0.48	0.61
6/24/2010 4:15	2.534694	0.49	0.62
6/24/2010 4:30	2.529759	0.49	0.62
6/24/2010 4:45	2.52535	0.49	0.62
6/24/2010 5:00	2.523117	0.50	0.62
6/24/2010 5:15	2.518157	0.50	0.62
6/24/2010 5:30	2.516606	0.50	0.61
6/24/2010 5:45	2.511686	0.51	0.63
6/24/2010 6:00	2.509079	0.51	0.63
6/24/2010 6:15	2.505923	0.51	0.62
6/24/2010 6:30	2.502864	0.52	0.64
6/24/2010 6:45	2.502401	0.52	0.64
6/24/2010 7:00	2.501433	0.52	0.63
6/24/2010 7:15	2.503353	0.52	0.62
6/24/2010 7:30	2.505093	0.51	0.61
6/24/2010 7:45	2.505268	0.51	0.61
6/24/2010 8:00	2.507275	0.51	0.61
6/24/2010 8:15	2.506698	0.51	0.61
6/24/2010 8:30	2.509855	0.51	0.61
6/24/2010 8:45	2.513225	0.51	0.59

PZ01D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/23/2010 15:45	2.236115	0.48	0.69
6/23/2010 16:00	2.211607	0.51	0.72
6/23/2010 16:15	2.18611	0.53	0.73
6/23/2010 16:30	2.169896	0.55	0.75
6/23/2010 16:45	2.153836	0.57	0.76
6/23/2010 17:00	2.145672	0.57	0.75
6/23/2010 17:15	2.141994	0.58	0.76
6/23/2010 17:30	2.130888	0.59	0.76
6/23/2010 17:45	2.131343	0.59	0.76
6/23/2010 18:00	2.132751	0.59	0.76
6/23/2010 18:15	2.131755	0.59	0.77
6/23/2010 18:30	2.141276	0.58	0.76
6/23/2010 18:45	2.155689	0.56	0.74
6/23/2010 19:00	2.170351	0.55	0.73
6/23/2010 19:15	2.189011	0.53	0.72
6/23/2010 19:30	2.208976	0.51	0.70
6/23/2010 19:45	2.229316	0.49	0.68
6/23/2010 20:00	2.248695	0.47	0.66
6/23/2010 20:15	2.273198	0.45	0.63
6/23/2010 20:30	2.301461	0.42	0.60
6/23/2010 20:45	2.331886	0.39	0.57
6/23/2010 21:00	2.357245	0.36	0.54
6/23/2010 21:15	2.386457	0.33	0.51
6/23/2010 21:30	2.408419	0.31	0.50
6/23/2010 21:45	2.431489	0.29	0.46
6/23/2010 22:00	2.459419	0.26	0.43
6/23/2010 22:15	2.483961	0.24	0.40
6/23/2010 22:30	2.508646	0.21	0.37
6/23/2010 22:45	2.533904	0.19	0.35
6/23/2010 23:00	2.558609	0.16	0.31
6/23/2010 23:15	2.581222	0.14	0.28
6/23/2010 23:30	2.596435	0.12	0.26
6/23/2010 23:45	2.609267	0.11	0.25
6/24/2010 0:00	2.613425	0.11	0.26
6/24/2010 0:15	2.61517	0.10	0.26
6/24/2010 0:30	2.612335	0.11	0.27
6/24/2010 0:45	2.600803	0.12	0.28
6/24/2010 1:00	2.584384	0.14	0.30
6/24/2010 1:15	2.568824	0.15	0.31
6/24/2010 1:30	2.541302	0.18	0.34
6/24/2010 1:45	2.508249	0.21	0.37
6/24/2010 2:00	2.469589	0.25	0.41
6/24/2010 2:15	2.423643	0.30	0.46
6/24/2010 2:30	2.375922	0.34	0.50
6/24/2010 2:45	2.324014	0.40	0.56
6/24/2010 3:00	2.271446	0.45	0.60
6/24/2010 3:15	2.218807	0.50	0.65
6/24/2010 3:30	2.159241	0.56	0.70
6/24/2010 3:45	2.099563	0.62	0.76
6/24/2010 4:00	2.037712	0.68	0.82
6/24/2010 4:15	1.979647	0.74	0.88
6/24/2010 4:30	1.928734	0.79	0.93
6/24/2010 4:45	1.877836	0.84	0.98
6/24/2010 5:00	1.831297	0.89	1.02
6/24/2010 5:15	1.787691	0.93	1.06
6/24/2010 5:30	1.739615	0.98	1.10
6/24/2010 5:45	1.697289	1.02	1.15
6/24/2010 6:00	1.664624	1.06	1.19
6/24/2010 6:15	1.632211	1.09	1.21
6/24/2010 6:30	1.609917	1.11	1.24
6/24/2010 6:45	1.598839	1.12	1.25
6/24/2010 7:00	1.589918	1.13	1.25
6/24/2010 7:15	1.586905	1.13	1.24
6/24/2010 7:30	1.594992	1.13	1.23
6/24/2010 7:45	1.601805	1.12	1.22
6/24/2010 8:00	1.613457	1.11	1.21
6/24/2010 8:15	1.630262	1.09	1.19
6/24/2010 8:30	1.649917	1.07	1.17
6/24/2010 8:45	1.676582	1.04	1.12

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/6/2010 5:46		0.67	0.78
7/6/2010 6:01		0.65	0.77
7/6/2010 6:16		0.64	0.76
7/6/2010 6:31		0.62	0.74
7/6/2010 6:46		0.60	0.72
7/6/2010 7:01		0.58	0.70
7/6/2010 7:16		0.55	0.67
7/6/2010 7:31		0.53	0.65
7/6/2010 7:46		0.51	0.63
7/6/2010 8:01		0.49	0.62
7/6/2010 8:16		0.47	0.60
7/6/2010 8:31		0.45	0.58
7/6/2010 8:46		0.43	0.56
7/6/2010 9:01		0.41	0.54
7/6/2010 9:16		0.39	0.52
7/6/2010 9:31		0.37	0.50
7/6/2010 9:46		0.36	0.49
7/6/2010 10:01		0.35	0.47
7/6/2010 10:16		0.34	0.46
7/6/2010 10:31		0.33	0.47

PZ01I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/24/2010 9:00	2.516932	0.50	0.58
6/24/2010 9:15	2.5187	0.50	0.59
6/24/2010 9:30	2.521747	0.50	0.58
6/24/2010 9:45	2.525583	0.49	0.57
6/24/2010 10:00	2.528989	0.49	0.56
6/24/2010 10:15	2.532985	0.49	0.57
6/24/2010 10:30	2.535691	0.48	0.56
6/24/2010 10:45	2.541398	0.48	0.55
6/24/2010 11:00	2.545175	0.47	0.54
6/24/2010 11:15	2.550659	0.47	0.54
6/24/2010 11:30	2.554718	0.47	0.54
6/24/2010 11:45	2.558243	0.46	0.53
6/24/2010 12:00	2.560703	0.46	0.54
6/24/2010 12:15	2.563479	0.46	0.53
6/24/2010 12:30	2.568062	0.45	0.52
6/24/2010 12:45	2.572015	0.45	0.52
6/24/2010 13:00	2.576002	0.44	0.50
6/24/2010 13:15	2.57954	0.44	0.49
6/24/2010 13:30	2.581426	0.44	0.48
6/24/2010 13:45	2.584066	0.44	0.47
6/24/2010 14:00	2.584775	0.44	0.46
6/24/2010 14:15	2.587398	0.43	0.44
6/24/2010 14:30	2.586969	0.43	0.44
6/24/2010 14:45	2.585751	0.43	0.45
6/24/2010 15:00	2.586873	0.43	0.44
6/24/2010 15:15	2.586904	0.43	0.44
6/24/2010 15:30	2.58457	0.44	0.46
6/24/2010 15:45	2.582152	0.44	0.46
6/24/2010 16:00	2.58019	0.44	0.45
6/24/2010 16:15	2.578312	0.44	0.45
6/24/2010 16:30	2.57449	0.45	0.46
6/24/2010 16:45	2.573542	0.45	0.45
6/24/2010 17:00	2.571974	0.45	0.45
6/24/2010 17:15	2.57313	0.45	0.45
6/24/2010 17:30	2.569293	0.45	0.47
6/24/2010 17:45	2.567778	0.45	0.47
6/24/2010 18:00	2.564365	0.46	0.48
6/24/2010 18:15	2.560163	0.46	0.49
6/24/2010 18:30	2.556132	0.46	0.49
6/24/2010 18:45	2.557412	0.46	0.50
6/24/2010 19:00	2.559528	0.46	0.50
6/24/2010 19:15	2.561044	0.46	0.51
6/24/2010 19:30	2.562154	0.46	0.51
6/24/2010 19:45	2.561312	0.46	0.52
6/24/2010 20:00	2.560129	0.46	0.53
6/24/2010 20:15	2.55905	0.46	0.53
6/24/2010 20:30	2.560163	0.46	0.53
6/24/2010 20:45	2.559466	0.46	0.54
6/24/2010 21:00	2.560223	0.46	0.55
6/24/2010 21:15	2.564842	0.46	0.55
6/24/2010 21:30	2.567791	0.45	0.55
6/24/2010 21:45	2.569422	0.45	0.56
6/24/2010 22:00	2.569825	0.45	0.57
6/24/2010 22:15	2.56765	0.45	0.58
6/24/2010 22:30	2.567478	0.45	0.59
6/24/2010 22:45	2.570299	0.45	0.59
6/24/2010 23:00	2.572798	0.45	0.59
6/24/2010 23:15	2.57613	0.44	0.59
6/24/2010 23:30	2.578347	0.44	0.59
6/24/2010 23:45	2.578789	0.44	0.59
6/25/2010 0:00	2.581661	0.44	0.60
6/25/2010 0:15	2.58032	0.44	0.60
6/25/2010 0:30	2.582611	0.44	0.60
6/25/2010 0:45	2.582226	0.44	0.60
6/25/2010 1:00	2.583812	0.44	0.60
6/25/2010 1:15	2.585244	0.43	0.60
6/25/2010 1:30	2.584138	0.44	0.61
6/25/2010 1:45	2.584187	0.44	0.60
6/25/2010 2:00	2.582198	0.44	0.60

PZ01D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/24/2010 9:00	1.707348	1.01	1.09
6/24/2010 9:15	1.739204	0.98	1.07
6/24/2010 9:30	1.768395	0.95	1.03
6/24/2010 9:45	1.799406	0.92	1.00
6/24/2010 10:00	1.836575	0.88	0.95
6/24/2010 10:15	1.879444	0.84	0.92
6/24/2010 10:30	1.921698	0.80	0.88
6/24/2010 10:45	1.971916	0.75	0.82
6/24/2010 11:00	2.014906	0.71	0.78
6/24/2010 11:15	2.060393	0.66	0.73
6/24/2010 11:30	2.104609	0.62	0.69
6/24/2010 11:45	2.137859	0.58	0.65
6/24/2010 12:00	2.171923	0.55	0.63
6/24/2010 12:15	2.206461	0.51	0.58
6/24/2010 12:30	2.245695	0.47	0.54
6/24/2010 12:45	2.293725	0.43	0.50
6/24/2010 13:00	2.325641	0.39	0.45
6/24/2010 13:15	2.351679	0.37	0.42
6/24/2010 13:30	2.368972	0.35	0.39
6/24/2010 13:45	2.373542	0.35	0.38
6/24/2010 14:00	2.38139	0.34	0.36
6/24/2010 14:15	2.389916	0.33	0.34
6/24/2010 14:30	2.388881	0.33	0.34
6/24/2010 14:45	2.388859	0.33	0.35
6/24/2010 15:00	2.386879	0.33	0.34
6/24/2010 15:15	2.377139	0.34	0.35
6/24/2010 15:30	2.369406	0.35	0.37
6/24/2010 15:45	2.348837	0.37	0.39
6/24/2010 16:00	2.325829	0.39	0.40
6/24/2010 16:15	2.295716	0.42	0.43
6/24/2010 16:30	2.262093	0.46	0.47
6/24/2010 16:45	2.240984	0.48	0.48
6/24/2010 17:00	2.228065	0.49	0.49
6/24/2010 17:15	2.213798	0.51	0.51
6/24/2010 17:30	2.20219	0.52	0.54
6/24/2010 17:45	2.178821	0.54	0.56
6/24/2010 18:00	2.140775	0.58	0.60
6/24/2010 18:15	2.094949	0.63	0.66
6/24/2010 18:30	2.05435	0.67	0.70
6/24/2010 18:45	2.072884	0.65	0.69
6/24/2010 19:00	2.106991	0.61	0.65
6/24/2010 19:15	2.13199	0.59	0.64
6/24/2010 19:30	2.143163	0.58	0.63
6/24/2010 19:45	2.14821	0.57	0.63
6/24/2010 20:00	2.15171	0.57	0.64
6/24/2010 20:15	2.143577	0.58	0.65
6/24/2010 20:30	2.165107	0.55	0.62
6/24/2010 20:45	2.178938	0.54	0.62
6/24/2010 21:00	2.194953	0.53	0.62
6/24/2010 21:15	2.255288	0.46	0.55
6/24/2010 21:30	2.312191	0.41	0.51
6/24/2010 21:45	2.3508	0.37	0.49
6/24/2010 22:00	2.367227	0.35	0.48
6/24/2010 22:15	2.37412	0.35	0.49
6/24/2010 22:30	2.389989	0.33	0.48
6/24/2010 22:45	2.415829	0.30	0.45
6/24/2010 23:00	2.458369	0.26	0.41
6/24/2010 23:15	2.50827	0.21	0.37
6/24/2010 23:30	2.547393	0.17	0.33
6/24/2010 23:45	2.572944	0.15	0.31
6/25/2010 0:00	2.59166	0.13	0.29
6/25/2010 0:15	2.609635	0.11	0.27
6/25/2010 0:30	2.625203	0.09	0.25
6/25/2010 0:45	2.637441	0.08	0.24
6/25/2010 1:00	2.66018	0.06	0.22
6/25/2010 1:15	2.674367	0.05	0.22
6/25/2010 1:30	2.672795	0.05	0.22
6/25/2010 1:45	2.671653	0.05	0.21
6/25/2010 2:00	2.659749	0.06	0.22

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)

PZ01I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/25/2010 19:30	2.567978	0.45	0.67
6/25/2010 19:45	2.567119	0.45	0.68
6/25/2010 20:00	2.565603	0.45	0.68
6/25/2010 20:15	2.564561	0.46	0.69
6/25/2010 20:30	2.563059	0.46	0.69
6/25/2010 20:45	2.563582	0.46	0.70
6/25/2010 21:00	2.56361	0.46	0.70
6/25/2010 21:15	2.563958	0.46	0.71
6/25/2010 21:30	2.564114	0.46	0.71
6/25/2010 21:45	2.56524	0.45	0.70
6/25/2010 22:00	2.566324	0.45	0.70
6/25/2010 22:15	2.563803	0.46	0.71
6/25/2010 22:30	2.566269	0.45	0.70
6/25/2010 22:45	2.56847	0.45	0.70
6/25/2010 23:00	2.569478	0.45	0.70
6/25/2010 23:15	2.572484	0.45	0.69
6/25/2010 23:30	2.572665	0.45	0.69
6/25/2010 23:45	2.574982	0.45	0.70
6/26/2010 0:00	2.57772	0.44	0.68
6/26/2010 0:15	2.57741	0.44	0.68
6/26/2010 0:30	2.577899	0.44	0.68
6/26/2010 0:45	2.578562	0.44	0.67
6/26/2010 1:00	2.579503	0.44	0.67
6/26/2010 1:15	2.580028	0.44	0.67
6/26/2010 1:30	2.580116	0.44	0.67
6/26/2010 1:45	2.581555	0.44	0.66
6/26/2010 2:00	2.580348	0.44	0.66
6/26/2010 2:15	2.577632	0.44	0.66
6/26/2010 2:30	2.575726	0.44	0.65
6/26/2010 2:45	2.572314	0.45	0.67
6/26/2010 3:00	2.569016	0.45	0.66
6/26/2010 3:15	2.567604	0.45	0.66
6/26/2010 3:30	2.564722	0.46	0.67
6/26/2010 3:45	2.562147	0.46	0.67
6/26/2010 4:00	2.556858	0.46	0.66
6/26/2010 4:15	2.55312	0.47	0.67
6/26/2010 4:30	2.547654	0.47	0.67
6/26/2010 4:45	2.54314	0.48	0.69
6/26/2010 5:00	2.539789	0.48	0.69
6/26/2010 5:15	2.534021	0.49	0.70
6/26/2010 5:30	2.531347	0.49	0.70
6/26/2010 5:45	2.526473	0.49	0.69
6/26/2010 6:00	2.5218	0.50	0.71
6/26/2010 6:15	2.51709	0.50	0.72
6/26/2010 6:30	2.514329	0.51	0.72
6/26/2010 6:45	2.509485	0.51	0.73
6/26/2010 7:00	2.507045	0.51	0.72
6/26/2010 7:15	2.504984	0.52	0.74
6/26/2010 7:30	2.500329	0.52	0.75
6/26/2010 7:45	2.500409	0.52	0.75
6/26/2010 8:00	2.498569	0.52	0.75
6/26/2010 8:15	2.49575	0.52	0.75
6/26/2010 8:30	2.495174	0.52	0.76
6/26/2010 8:45	2.494608	0.53	0.76
6/26/2010 9:00	2.496117	0.52	0.74
6/26/2010 9:15	2.499101	0.52	0.74
6/26/2010 9:30	2.500307	0.52	0.74
6/26/2010 9:45	2.502868	0.52	0.73
6/26/2010 10:00	2.505493	0.51	0.73
6/26/2010 10:15	2.504952	0.52	0.74
6/26/2010 10:30	2.509252	0.51	0.73
6/26/2010 10:45	2.512599	0.51	0.72
6/26/2010 11:00	2.515285	0.50	0.71
6/26/2010 11:15	2.518218	0.50	0.70
6/26/2010 11:30	2.522559	0.50	0.70
6/26/2010 11:45	2.526868	0.49	0.69
6/26/2010 12:00	2.530056	0.49	0.67
6/26/2010 12:15	2.534485	0.49	0.67
6/26/2010 12:30	2.535975	0.48	0.66

PZ01D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/25/2010 19:30	2.434685	0.29	0.51
6/25/2010 19:45	2.421522	0.30	0.53
6/25/2010 20:00	2.415694	0.30	0.53
6/25/2010 20:15	2.415363	0.30	0.53
6/25/2010 20:30	2.415637	0.30	0.53
6/25/2010 20:45	2.42343	0.30	0.54
6/25/2010 21:00	2.433887	0.29	0.53
6/25/2010 21:15	2.44776	0.27	0.52
6/25/2010 21:30	2.459994	0.26	0.51
6/25/2010 21:45	2.476524	0.24	0.49
6/25/2010 22:00	2.492782	0.23	0.48
6/25/2010 22:15	2.51322	0.21	0.46
6/25/2010 22:30	2.532223	0.19	0.44
6/25/2010 22:45	2.553554	0.17	0.42
6/25/2010 23:00	2.579573	0.14	0.39
6/25/2010 23:15	2.606237	0.11	0.35
6/25/2010 23:30	2.633188	0.09	0.33
6/25/2010 23:45	2.660404	0.06	0.31
6/26/2010 0:00	2.682225	0.04	0.28
6/26/2010 0:15	2.700282	0.02	0.26
6/26/2010 0:30	2.712703	0.01	0.25
6/26/2010 0:45	2.723858	0.00	0.23
6/26/2010 1:00	2.733676	-0.01	0.22
6/26/2010 1:15	2.743217	-0.02	0.21
6/26/2010 1:30	2.748922	-0.03	0.20
6/26/2010 1:45	2.749315	-0.03	0.19
6/26/2010 2:00	2.744733	-0.02	0.20
6/26/2010 2:15	2.731711	-0.01	0.21
6/26/2010 2:30	2.7103	0.01	0.22
6/26/2010 2:45	2.679663	0.04	0.26
6/26/2010 3:00	2.642572	0.08	0.29
6/26/2010 3:15	2.604605	0.12	0.33
6/26/2010 3:30	2.568523	0.15	0.36
6/26/2010 3:45	2.530016	0.19	0.40
6/26/2010 4:00	2.489979	0.23	0.43
6/26/2010 4:15	2.442912	0.28	0.48
6/26/2010 4:30	2.390553	0.33	0.53
6/26/2010 4:45	2.335089	0.38	0.59
6/26/2010 5:00	2.281522	0.44	0.65
6/26/2010 5:15	2.230832	0.49	0.70
6/26/2010 5:30	2.175613	0.54	0.75
6/26/2010 5:45	2.128045	0.59	0.79
6/26/2010 6:00	2.079406	0.64	0.85
6/26/2010 6:15	2.030149	0.69	0.91
6/26/2010 6:30	1.982524	0.74	0.95
6/26/2010 6:45	1.939119	0.78	1.00
6/26/2010 7:00	1.895979	0.82	1.03
6/26/2010 7:15	1.860777	0.86	1.08
6/26/2010 7:30	1.828916	0.89	1.12
6/26/2010 7:45	1.801106	0.92	1.15
6/26/2010 8:00	1.775699	0.94	1.17
6/26/2010 8:15	1.755568	0.96	1.19
6/26/2010 8:30	1.742249	0.98	1.22
6/26/2010 8:45	1.737486	0.98	1.21
6/26/2010 9:00	1.744022	0.98	1.20
6/26/2010 9:15	1.755171	0.96	1.18
6/26/2010 9:30	1.765709	0.95	1.17
6/26/2010 9:45	1.781471	0.94	1.15
6/26/2010 10:00	1.792935	0.93	1.15
6/26/2010 10:15	1.812896	0.91	1.13
6/26/2010 10:30	1.842611	0.88	1.10
6/26/2010 10:45	1.872383	0.85	1.06
6/26/2010 11:00	1.902223	0.82	1.03
6/26/2010 11:15	1.933849	0.79	0.99
6/26/2010 11:30	1.962629	0.76	0.96
6/26/2010 11:45	1.997908	0.72	0.92
6/26/2010 12:00	2.030903	0.69	0.87
6/26/2010 12:15	2.064776	0.66	0.84
6/26/2010 12:30	2.095625	0.62	0.80

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)

PZ01I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/26/2010 12:45	2.540136	0.48	0.65
6/26/2010 13:00	2.544983	0.48	0.64
6/26/2010 13:15	2.54756	0.47	0.62
6/26/2010 13:30	2.550925	0.47	0.62
6/26/2010 13:45	2.555221	0.46	0.61
6/26/2010 14:00	2.558792	0.46	0.60
6/26/2010 14:15	2.560531	0.46	0.60
6/26/2010 14:30	2.562438	0.46	0.59
6/26/2010 14:45	2.565744	0.45	0.58
6/26/2010 15:00	2.566199	0.45	0.58
6/26/2010 15:15	2.568824	0.45	0.56
6/26/2010 15:30	2.569709	0.45	0.56
6/26/2010 15:45	2.569062	0.45	0.56
6/26/2010 16:00	2.56854	0.45	0.55
6/26/2010 16:15	2.567294	0.45	0.55
6/26/2010 16:30	2.566942	0.45	0.55
6/26/2010 16:45	2.564629	0.46	0.55
6/26/2010 17:00	2.562631	0.46	0.54
6/26/2010 17:15	2.561826	0.46	0.53
6/26/2010 17:30	2.557873	0.46	0.53
6/26/2010 17:45	2.554099	0.47	0.54
6/26/2010 18:00	2.551697	0.47	0.53
6/26/2010 18:15	2.547321	0.47	0.54
6/26/2010 18:30	2.544892	0.48	0.54
6/26/2010 18:45	2.54171	0.48	0.53
6/26/2010 19:00	2.538149	0.48	0.54
6/26/2010 19:15	2.536376	0.48	0.53
6/26/2010 19:30	2.534142	0.49	0.54
6/26/2010 19:45	2.529457	0.49	0.54
6/26/2010 20:00	2.527718	0.49	0.55
6/26/2010 20:15	2.526392	0.49	0.55
6/26/2010 20:30	2.526137	0.49	0.55
6/26/2010 20:45	2.524355	0.50	0.56
6/26/2010 21:00	2.523574	0.50	0.56
6/26/2010 21:15	2.523972	0.50	0.56
6/26/2010 21:30	2.523319	0.50	0.57
6/26/2010 21:45	2.523662	0.50	0.57
6/26/2010 22:00	2.526499	0.49	0.56
6/26/2010 22:15	2.525866	0.49	0.56
6/26/2010 22:30	2.527769	0.49	0.56
6/26/2010 22:45	2.52814	0.49	0.56
6/26/2010 23:00	2.530279	0.49	0.56
6/26/2010 23:15	2.534117	0.49	0.57
6/26/2010 23:30	2.536165	0.48	0.55
6/26/2010 23:45	2.537716	0.48	0.56
6/27/2010 0:00	2.539821	0.48	0.55
6/27/2010 0:15	2.542284	0.48	0.55
6/27/2010 0:30	2.545177	0.47	0.53
6/27/2010 0:45	2.546845	0.47	0.54
6/27/2010 1:00	2.549631	0.47	0.53
6/27/2010 1:15	2.553961	0.47	0.52
6/27/2010 1:30	2.554775	0.47	0.52
6/27/2010 1:45	2.557372	0.46	0.49
6/27/2010 2:00	2.5608	0.46	0.48
6/27/2010 2:15	2.560467	0.46	0.49
6/27/2010 2:30	2.562032	0.46	0.48
6/27/2010 2:45	2.561854	0.46	0.49
6/27/2010 3:00	2.561036	0.46	0.50
6/27/2010 3:15	2.560924	0.46	0.49
6/27/2010 3:30	2.558304	0.46	0.49
6/27/2010 3:45	2.556767	0.46	0.48
6/27/2010 4:00	2.555948	0.46	0.49
6/27/2010 4:15	2.552994	0.47	0.50
6/27/2010 4:30	2.550352	0.47	0.50
6/27/2010 4:45	2.547113	0.47	0.50
6/27/2010 5:00	2.541656	0.48	0.51
6/27/2010 5:15	2.538069	0.48	0.52
6/27/2010 5:30	2.532932	0.49	0.52
6/27/2010 5:45	2.529471	0.49	0.53

PZ01D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/26/2010 12:45	2.128607	0.59	0.76
6/26/2010 13:00	2.164083	0.56	0.72
6/26/2010 13:15	2.195671	0.52	0.68
6/26/2010 13:30	2.22819	0.49	0.65
6/26/2010 13:45	2.260516	0.46	0.62
6/26/2010 14:00	2.289494	0.43	0.58
6/26/2010 14:15	2.314504	0.41	0.56
6/26/2010 14:30	2.337049	0.38	0.52
6/26/2010 14:45	2.350607	0.37	0.51
6/26/2010 15:00	2.359267	0.36	0.50
6/26/2010 15:15	2.363578	0.36	0.48
6/26/2010 15:30	2.371744	0.35	0.47
6/26/2010 15:45	2.362522	0.36	0.48
6/26/2010 16:00	2.342371	0.38	0.49
6/26/2010 16:15	2.320435	0.40	0.51
6/26/2010 16:30	2.293348	0.43	0.53
6/26/2010 16:45	2.265801	0.45	0.54
6/26/2010 17:00	2.239921	0.48	0.56
6/26/2010 17:15	2.204949	0.52	0.59
6/26/2010 17:30	2.160979	0.56	0.63
6/26/2010 17:45	2.114435	0.61	0.68
6/26/2010 18:00	2.074016	0.65	0.71
6/26/2010 18:15	2.03394	0.69	0.76
6/26/2010 18:30	1.998549	0.72	0.78
6/26/2010 18:45	1.963064	0.76	0.81
6/26/2010 19:00	1.926452	0.79	0.85
6/26/2010 19:15	1.89308	0.83	0.88
6/26/2010 19:30	1.860262	0.86	0.91
6/26/2010 19:45	1.834919	0.89	0.94
6/26/2010 20:00	1.82175	0.90	0.96
6/26/2010 20:15	1.807628	0.91	0.97
6/26/2010 20:30	1.798005	0.92	0.98
6/26/2010 20:45	1.793433	0.93	0.99
6/26/2010 21:00	1.79063	0.93	0.99
6/26/2010 21:15	1.790012	0.93	0.99
6/26/2010 21:30	1.796616	0.92	0.99
6/26/2010 21:45	1.813813	0.91	0.98
6/26/2010 22:00	1.830575	0.89	0.96
6/26/2010 22:15	1.85332	0.87	0.94
6/26/2010 22:30	1.877396	0.84	0.91
6/26/2010 22:45	1.901854	0.82	0.89
6/26/2010 23:00	1.930728	0.79	0.86
6/26/2010 23:15	1.961592	0.76	0.84
6/26/2010 23:30	1.994805	0.73	0.80
6/26/2010 23:45	2.028262	0.69	0.77
6/27/2010 0:00	2.061046	0.66	0.73
6/27/2010 0:15	2.0939	0.63	0.70
6/27/2010 0:30	2.126911	0.59	0.65
6/27/2010 0:45	2.160308	0.56	0.63
6/27/2010 1:00	2.193845	0.53	0.59
6/27/2010 1:15	2.222644	0.50	0.55
6/27/2010 1:30	2.249006	0.47	0.52
6/27/2010 1:45	2.275514	0.44	0.47
6/27/2010 2:00	2.301404	0.42	0.44
6/27/2010 2:15	2.320001	0.40	0.43
6/27/2010 2:30	2.333127	0.39	0.41
6/27/2010 2:45	2.34136	0.38	0.41
6/27/2010 3:00	2.341899	0.38	0.42
6/27/2010 3:15	2.332653	0.39	0.42
6/27/2010 3:30	2.319189	0.40	0.43
6/27/2010 3:45	2.302655	0.42	0.44
6/27/2010 4:00	2.276308	0.44	0.47
6/27/2010 4:15	2.252368	0.47	0.50
6/27/2010 4:30	2.218755	0.50	0.53
6/27/2010 4:45	2.180767	0.54	0.57
6/27/2010 5:00	2.136148	0.58	0.61
6/27/2010 5:15	2.089376	0.63	0.67
6/27/2010 5:30	2.040114	0.68	0.71
6/27/2010 5:45	1.990471	0.73	0.77

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)

PZ01I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/27/2010 6:00	2.524997	0.50	0.54
6/27/2010 6:15	2.519813	0.50	0.55
6/27/2010 6:30	2.517102	0.50	0.54
6/27/2010 6:45	2.512666	0.51	0.55
6/27/2010 7:00	2.510351	0.51	0.54
6/27/2010 7:15	2.506408	0.51	0.54
6/27/2010 7:30	2.504349	0.52	0.55
6/27/2010 7:45	2.500983	0.52	0.54
6/27/2010 8:00	2.498224	0.52	0.54
6/27/2010 8:15	2.497542	0.52	0.54
6/27/2010 8:30	2.494293	0.53	0.56
6/27/2010 8:45	2.494831	0.53	0.55
6/27/2010 9:00	2.495142	0.52	0.53
6/27/2010 9:15	2.494818	0.53	0.55
6/27/2010 9:30	2.495726	0.52	0.54
6/27/2010 9:45	2.495497	0.52	0.53
6/27/2010 10:00	2.495909	0.52	0.54
6/27/2010 10:15	2.497425	0.52	0.53
6/27/2010 10:30	2.499038	0.52	0.53
6/27/2010 10:45	2.502759	0.52	0.53
6/27/2010 11:00	2.504745	0.52	0.52
6/27/2010 11:15	2.510104	0.51	0.51
6/27/2010 11:30	2.511791	0.51	0.51
6/27/2010 11:45	2.516033	0.50	0.50
6/27/2010 12:00	2.516948	0.50	0.50
6/27/2010 12:15	2.520192	0.50	0.50
6/27/2010 12:30	2.523791	0.50	0.49
6/27/2010 12:45	2.526014	0.49	0.48
6/27/2010 13:00	2.530973	0.49	0.47
6/27/2010 13:15	2.535711	0.48	0.46
6/27/2010 13:30	2.539331	0.48	0.46
6/27/2010 13:45	2.543868	0.48	0.45
6/27/2010 14:00	2.546045	0.47	0.44
6/27/2010 14:15	2.548697	0.47	0.44
6/27/2010 14:30	2.554169	0.47	0.43
6/27/2010 14:45	2.557832	0.46	0.42
6/27/2010 15:00	2.56356	0.46	0.41
6/27/2010 15:15	2.567029	0.45	0.39
6/27/2010 15:30	2.569767	0.45	0.38
6/27/2010 15:45	2.572206	0.45	0.38
6/27/2010 16:00	2.574924	0.45	0.37
6/27/2010 16:15	2.575678	0.44	0.36
6/27/2010 16:30	2.575871	0.44	0.36
6/27/2010 16:45	2.577397	0.44	0.35
6/27/2010 17:00	2.576012	0.44	0.35
6/27/2010 17:15	2.575824	0.44	0.35
6/27/2010 17:30	2.574916	0.45	0.36
6/27/2010 17:45	2.57579	0.44	0.34
6/27/2010 18:00	2.572688	0.45	0.35
6/27/2010 18:15	2.571208	0.45	0.34
6/27/2010 18:30	2.56546	0.45	0.34
6/27/2010 18:45	2.564712	0.46	0.36
6/27/2010 19:00	2.560161	0.46	0.36
6/27/2010 19:15	2.558979	0.46	0.36
6/27/2010 19:30	2.556067	0.46	0.36
6/27/2010 19:45	2.553228	0.47	0.38
6/27/2010 20:00	2.551993	0.47	0.38
6/27/2010 20:15	2.546903	0.47	0.38
6/27/2010 20:30	2.545637	0.47	0.38
6/27/2010 20:45	2.544391	0.48	0.39
6/27/2010 21:00	2.541256	0.48	0.39
6/27/2010 21:15	2.542171	0.48	0.38
6/27/2010 21:30	2.542079	0.48	0.38
6/27/2010 21:45	2.539584	0.48	0.39
6/27/2010 22:00	2.54203	0.48	0.39
6/27/2010 22:15	2.54049	0.48	0.37
6/27/2010 22:30	2.541729	0.48	0.37
6/27/2010 22:45	2.542429	0.48	0.38
6/27/2010 23:00	2.543367	0.48	0.38

PZ01D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/27/2010 6:00	1.942219	0.78	0.82
6/27/2010 6:15	1.896831	0.82	0.87
6/27/2010 6:30	1.847306	0.87	0.91
6/27/2010 6:45	1.800479	0.92	0.96
6/27/2010 7:00	1.752675	0.97	1.00
6/27/2010 7:15	1.703561	1.02	1.05
6/27/2010 7:30	1.658029	1.06	1.09
6/27/2010 7:45	1.623449	1.10	1.12
6/27/2010 8:00	1.587583	1.13	1.15
6/27/2010 8:15	1.560637	1.16	1.18
6/27/2010 8:30	1.537531	1.18	1.21
6/27/2010 8:45	1.524686	1.20	1.22
6/27/2010 9:00	1.51127	1.21	1.22
6/27/2010 9:15	1.508391	1.21	1.23
6/27/2010 9:30	1.509879	1.21	1.23
6/27/2010 9:45	1.512347	1.21	1.22
6/27/2010 10:00	1.528362	1.19	1.21
6/27/2010 10:15	1.545236	1.17	1.18
6/27/2010 10:30	1.566056	1.15	1.16
6/27/2010 10:45	1.593713	1.13	1.14
6/27/2010 11:00	1.620713	1.10	1.10
6/27/2010 11:15	1.653351	1.07	1.07
6/27/2010 11:30	1.688008	1.03	1.03
6/27/2010 11:45	1.717082	1.00	1.00
6/27/2010 12:00	1.754418	0.97	0.97
6/27/2010 12:15	1.790798	0.93	0.93
6/27/2010 12:30	1.824997	0.90	0.89
6/27/2010 12:45	1.859696	0.86	0.85
6/27/2010 13:00	1.893314	0.83	0.81
6/27/2010 13:15	1.929048	0.79	0.77
6/27/2010 13:30	1.962992	0.76	0.74
6/27/2010 13:45	1.99628	0.72	0.69
6/27/2010 14:00	2.031654	0.69	0.66
6/27/2010 14:15	2.071965	0.65	0.62
6/27/2010 14:30	2.117973	0.60	0.56
6/27/2010 14:45	2.164201	0.56	0.52
6/27/2010 15:00	2.193521	0.53	0.48
6/27/2010 15:15	2.224384	0.50	0.44
6/27/2010 15:30	2.252827	0.47	0.40
6/27/2010 15:45	2.275813	0.44	0.37
6/27/2010 16:00	2.294965	0.43	0.35
6/27/2010 16:15	2.304789	0.42	0.34
6/27/2010 16:30	2.312476	0.41	0.33
6/27/2010 16:45	2.31104	0.41	0.32
6/27/2010 17:00	2.301576	0.42	0.33
6/27/2010 17:15	2.292219	0.43	0.34
6/27/2010 17:30	2.273664	0.45	0.35
6/27/2010 17:45	2.255806	0.46	0.35
6/27/2010 18:00	2.239511	0.48	0.37
6/27/2010 18:15	2.215868	0.50	0.38
6/27/2010 18:30	2.185153	0.53	0.41
6/27/2010 18:45	2.148582	0.57	0.46
6/27/2010 19:00	2.109766	0.61	0.50
6/27/2010 19:15	2.078192	0.64	0.53
6/27/2010 19:30	2.050317	0.67	0.56
6/27/2010 19:45	2.023834	0.70	0.61
6/27/2010 20:00	1.9993	0.72	0.62
6/27/2010 20:15	1.975845	0.74	0.64
6/27/2010 20:30	1.951413	0.77	0.68
6/27/2010 20:45	1.939682	0.78	0.68
6/27/2010 21:00	1.918865	0.80	0.70
6/27/2010 21:15	1.916917	0.80	0.69
6/27/2010 21:30	1.920337	0.80	0.69
6/27/2010 21:45	1.906619	0.81	0.71
6/27/2010 22:00	1.909522	0.81	0.71
6/27/2010 22:15	1.912023	0.81	0.69
6/27/2010 22:30	1.92421	0.80	0.68
6/27/2010 22:45	1.951527	0.77	0.66
6/27/2010 23:00	1.96934	0.75	0.64

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)

PZ01I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/28/2010 16:30	2.560867	0.46	0.36
6/28/2010 16:45	2.562479	0.46	0.36
6/28/2010 17:00	2.566968	0.45	0.33
6/28/2010 17:15	2.57262	0.45	0.32
6/28/2010 17:30	2.573699	0.45	0.31
6/28/2010 17:45	2.574595	0.45	0.33
6/28/2010 18:00	2.571075	0.45	0.32
6/28/2010 18:15	2.571786	0.45	0.33
6/28/2010 18:30	2.571529	0.45	0.32
6/28/2010 18:45	2.569119	0.45	0.32
6/28/2010 19:00	2.568528	0.45	0.32
6/28/2010 19:15	2.562116	0.46	0.34
6/28/2010 19:30	2.558674	0.46	0.34
6/28/2010 19:45	2.554292	0.47	0.37
6/28/2010 20:00	2.55156	0.47	0.36
6/28/2010 20:15	2.552346	0.47	0.36
6/28/2010 20:30	2.549947	0.47	0.37
6/28/2010 20:45	2.547735	0.47	0.38
6/28/2010 21:00	2.547277	0.47	0.38
6/28/2010 21:15	2.543844	0.48	0.39
6/28/2010 21:30	2.541399	0.48	0.39
6/28/2010 21:45	2.53982	0.48	0.40
6/28/2010 22:00	2.536585	0.48	0.41
6/28/2010 22:15	2.535683	0.48	0.42
6/28/2010 22:30	2.535709	0.48	0.42
6/28/2010 22:45	2.538561	0.48	0.42
6/28/2010 23:00	2.539642	0.48	0.42
6/28/2010 23:15	2.542314	0.48	0.42
6/28/2010 23:30	2.543307	0.48	0.41
6/28/2010 23:45	2.543722	0.48	0.42
6/29/2010 0:00	2.545745	0.47	0.41
6/29/2010 0:15	2.546968	0.47	0.42
6/29/2010 0:30	2.54797	0.47	0.42
6/29/2010 0:45	2.550617	0.47	0.41
6/29/2010 1:00	2.554167	0.47	0.42
6/29/2010 1:15	2.55554	0.46	0.41
6/29/2010 1:30	2.557753	0.46	0.41
6/29/2010 1:45	2.559728	0.46	0.41
6/29/2010 2:00	2.562922	0.46	0.41
6/29/2010 2:15	2.563411	0.46	0.41
6/29/2010 2:30	2.565301	0.45	0.40
6/29/2010 2:45	2.568048	0.45	0.41
6/29/2010 3:00	2.57077	0.45	0.41
6/29/2010 3:15	2.570836	0.45	0.42
6/29/2010 3:30	2.572777	0.45	0.42
6/29/2010 3:45	2.573573	0.45	0.42
6/29/2010 4:00	2.573288	0.45	0.42
6/29/2010 4:15	2.574011	0.45	0.43
6/29/2010 4:30	2.572444	0.45	0.44
6/29/2010 4:45	2.572323	0.45	0.44
6/29/2010 5:00	2.57066	0.45	0.45
6/29/2010 5:15	2.569541	0.45	0.45
6/29/2010 5:30	2.565924	0.45	0.46
6/29/2010 5:45	2.562953	0.46	0.48
6/29/2010 6:00	2.561055	0.46	0.49
6/29/2010 6:15	2.557264	0.46	0.49
6/29/2010 6:30	2.554169	0.47	0.51
6/29/2010 6:45	2.551246	0.47	0.52
6/29/2010 7:00	2.54687	0.47	0.51
6/29/2010 7:15	2.545034	0.47	0.53
6/29/2010 7:30	2.542361	0.48	0.55
6/29/2010 7:45	2.538241	0.48	0.55
6/29/2010 8:00	2.535125	0.48	0.55
6/29/2010 8:15	2.531169	0.49	0.57
6/29/2010 8:30	2.529353	0.49	0.58
6/29/2010 8:45	2.527762	0.49	0.57
6/29/2010 9:00	2.524506	0.50	0.59
6/29/2010 9:15	2.522655	0.50	0.58
6/29/2010 9:30	2.520358	0.50	0.59

PZ01D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/28/2010 16:30	2.21995	0.50	0.39
6/28/2010 16:45	2.23842	0.48	0.37
6/28/2010 17:00	2.268937	0.45	0.32
6/28/2010 17:15	2.312321	0.41	0.27
6/28/2010 17:30	2.336322	0.38	0.23
6/28/2010 17:45	2.314267	0.41	0.28
6/28/2010 18:00	2.296132	0.42	0.28
6/28/2010 18:15	2.309779	0.41	0.28
6/28/2010 18:30	2.300829	0.42	0.28
6/28/2010 18:45	2.278462	0.44	0.30
6/28/2010 19:00	2.262552	0.46	0.32
6/28/2010 19:15	2.202646	0.52	0.39
6/28/2010 19:30	2.157339	0.56	0.43
6/28/2010 19:45	2.117137	0.60	0.49
6/28/2010 20:00	2.097018	0.62	0.50
6/28/2010 20:15	2.095261	0.62	0.50
6/28/2010 20:30	2.076672	0.64	0.53
6/28/2010 20:45	2.062844	0.66	0.56
6/28/2010 21:00	2.052125	0.67	0.57
6/28/2010 21:15	2.019792	0.70	0.60
6/28/2010 21:30	2.003318	0.72	0.63
6/28/2010 21:45	1.994322	0.73	0.65
6/28/2010 22:00	1.978988	0.74	0.67
6/28/2010 22:15	1.97005	0.75	0.69
6/28/2010 22:30	1.983171	0.74	0.68
6/28/2010 22:45	2.006791	0.71	0.65
6/28/2010 23:00	2.029136	0.69	0.63
6/28/2010 23:15	2.059215	0.66	0.60
6/28/2010 23:30	2.086876	0.63	0.56
6/28/2010 23:45	2.096279	0.62	0.56
6/29/2010 0:00	2.116956	0.60	0.54
6/29/2010 0:15	2.141993	0.58	0.53
6/29/2010 0:30	2.170538	0.55	0.50
6/29/2010 0:45	2.200918	0.52	0.46
6/29/2010 1:00	2.234329	0.49	0.44
6/29/2010 1:15	2.268311	0.45	0.40
6/29/2010 1:30	2.294098	0.43	0.38
6/29/2010 1:45	2.325051	0.39	0.34
6/29/2010 2:00	2.354549	0.37	0.32
6/29/2010 2:15	2.383849	0.34	0.29
6/29/2010 2:30	2.419601	0.30	0.25
6/29/2010 2:45	2.450491	0.27	0.23
6/29/2010 3:00	2.478309	0.24	0.20
6/29/2010 3:15	2.49922	0.22	0.19
6/29/2010 3:30	2.515812	0.20	0.17
6/29/2010 3:45	2.535058	0.18	0.15
6/29/2010 4:00	2.550031	0.17	0.14
6/29/2010 4:15	2.55743	0.16	0.14
6/29/2010 4:30	2.562958	0.16	0.15
6/29/2010 4:45	2.554182	0.17	0.16
6/29/2010 5:00	2.541033	0.18	0.18
6/29/2010 5:15	2.529142	0.19	0.19
6/29/2010 5:30	2.506844	0.21	0.22
6/29/2010 5:45	2.487018	0.23	0.25
6/29/2010 6:00	2.457889	0.26	0.29
6/29/2010 6:15	2.427808	0.29	0.32
6/29/2010 6:30	2.401729	0.32	0.36
6/29/2010 6:45	2.367807	0.35	0.40
6/29/2010 7:00	2.337512	0.38	0.42
6/29/2010 7:15	2.301731	0.42	0.48
6/29/2010 7:30	2.259958	0.46	0.53
6/29/2010 7:45	2.220071	0.50	0.57
6/29/2010 8:00	2.185034	0.53	0.60
6/29/2010 8:15	2.15104	0.57	0.65
6/29/2010 8:30	2.12274	0.60	0.69
6/29/2010 8:45	2.096335	0.62	0.70
6/29/2010 9:00	2.06169	0.66	0.75
6/29/2010 9:15	2.030421	0.69	0.77
6/29/2010 9:30	2.000863	0.72	0.81

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)

PZ01I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/30/2010 3:00	2.552465	0.47	0.76
6/30/2010 3:15	2.552722	0.47	0.77
6/30/2010 3:30	2.552955	0.47	0.76
6/30/2010 3:45	2.551953	0.47	0.78
6/30/2010 4:00	2.554527	0.47	0.79
6/30/2010 4:15	2.552402	0.47	0.79
6/30/2010 4:30	2.553347	0.47	0.79
6/30/2010 4:45	2.555869	0.46	0.79
6/30/2010 5:00	2.555267	0.46	0.80
6/30/2010 5:15	2.554567	0.47	0.81
6/30/2010 5:30	2.552177	0.47	0.82
6/30/2010 5:45	2.549168	0.47	0.82
6/30/2010 6:00	2.547937	0.47	0.83
6/30/2010 6:15	2.547121	0.47	0.83
6/30/2010 6:30	2.545266	0.47	0.83
6/30/2010 6:45	2.544693	0.48	0.85
6/30/2010 7:00	2.542078	0.48	0.86
6/30/2010 7:15	2.540725	0.48	0.86
6/30/2010 7:30	2.539352	0.48	0.86
6/30/2010 7:45	2.535994	0.48	0.86
6/30/2010 8:00	2.534182	0.49	0.87
6/30/2010 8:15	2.531773	0.49	0.88
6/30/2010 8:30	2.528213	0.49	0.89
6/30/2010 8:45	2.526826	0.49	0.89
6/30/2010 9:00	2.523239	0.50	0.90
6/30/2010 9:15	2.522226	0.50	0.90
6/30/2010 9:30	2.520886	0.50	0.90
6/30/2010 9:45	2.519747	0.50	0.90
6/30/2010 10:00	2.52079	0.50	0.90
6/30/2010 10:15	2.518795	0.50	0.91
6/30/2010 10:30	2.519274	0.50	0.90
6/30/2010 10:45	2.518799	0.50	0.90
6/30/2010 11:00	2.51918	0.50	0.90
6/30/2010 11:15	2.517505	0.50	0.90
6/30/2010 11:30	2.521561	0.50	0.90
6/30/2010 11:45	2.522065	0.50	0.90
6/30/2010 12:00	2.52637	0.49	0.89
6/30/2010 12:15	2.525927	0.49	0.89
6/30/2010 12:30	2.527634	0.49	0.88
6/30/2010 12:45	2.529958	0.49	0.88
6/30/2010 13:00	2.532928	0.49	0.88
6/30/2010 13:15	2.534997	0.49	0.87
6/30/2010 13:30	2.538034	0.48	0.86
6/30/2010 13:45	2.541317	0.48	0.86
6/30/2010 14:00	2.544067	0.48	0.85
6/30/2010 14:15	2.545771	0.47	0.84
6/30/2010 14:30	2.545716	0.47	0.84
6/30/2010 14:45	2.550693	0.47	0.84
6/30/2010 15:00	2.551134	0.47	0.84
6/30/2010 15:15	2.554642	0.47	0.84
6/30/2010 15:30	2.558485	0.46	0.82
6/30/2010 15:45	2.56114	0.46	0.81
6/30/2010 16:00	2.563822	0.46	0.81
6/30/2010 16:15	2.564614	0.46	0.80
6/30/2010 16:30	2.568235	0.45	0.79
6/30/2010 16:45	2.569597	0.45	0.77
6/30/2010 17:00	2.570273	0.45	0.78
6/30/2010 17:15	2.570275	0.45	0.77
6/30/2010 17:30	2.571781	0.45	0.77
6/30/2010 17:45	2.571613	0.45	0.76
6/30/2010 18:00	2.570604	0.45	0.77
6/30/2010 18:15	2.569343	0.45	0.77
6/30/2010 18:30	2.566954	0.45	0.77
6/30/2010 18:45	2.565151	0.45	0.77
6/30/2010 19:00	2.560444	0.46	0.79
6/30/2010 19:15	2.55904	0.46	0.78
6/30/2010 19:30	2.554406	0.47	0.80
6/30/2010 19:45	2.551184	0.47	0.79
6/30/2010 20:00	2.546205	0.47	0.79

PZ01D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/30/2010 3:00	2.690005	0.03	0.33
6/30/2010 3:15	2.714792	0.01	0.32
6/30/2010 3:30	2.72204	0.00	0.30
6/30/2010 3:45	2.728763	-0.01	0.31
6/30/2010 4:00	2.744897	-0.02	0.31
6/30/2010 4:15	2.762122	-0.04	0.29
6/30/2010 4:30	2.784987	-0.06	0.27
6/30/2010 4:45	2.806379	-0.09	0.25
6/30/2010 5:00	2.818712	-0.10	0.25
6/30/2010 5:15	2.817524	-0.10	0.25
6/30/2010 5:30	2.799874	-0.08	0.28
6/30/2010 5:45	2.782702	-0.06	0.30
6/30/2010 6:00	2.769374	-0.05	0.32
6/30/2010 6:15	2.763829	-0.04	0.33
6/30/2010 6:30	2.760015	-0.04	0.33
6/30/2010 6:45	2.75108	-0.03	0.35
6/30/2010 7:00	2.739347	-0.02	0.37
6/30/2010 7:15	2.716337	0.00	0.39
6/30/2010 7:30	2.68889	0.03	0.42
6/30/2010 7:45	2.66251	0.06	0.45
6/30/2010 8:00	2.636804	0.08	0.47
6/30/2010 8:15	2.604017	0.12	0.52
6/30/2010 8:30	2.573077	0.15	0.56
6/30/2010 8:45	2.548029	0.17	0.58
6/30/2010 9:00	2.514456	0.21	0.62
6/30/2010 9:15	2.482153	0.24	0.65
6/30/2010 9:30	2.45928	0.26	0.67
6/30/2010 9:45	2.437529	0.28	0.69
6/30/2010 10:00	2.424363	0.30	0.71
6/30/2010 10:15	2.410993	0.31	0.73
6/30/2010 10:30	2.395842	0.32	0.73
6/30/2010 10:45	2.390364	0.33	0.74
6/30/2010 11:00	2.381946	0.34	0.75
6/30/2010 11:15	2.382041	0.34	0.75
6/30/2010 11:30	2.39513	0.32	0.73
6/30/2010 11:45	2.405925	0.31	0.72
6/30/2010 12:00	2.426536	0.29	0.70
6/30/2010 12:15	2.444095	0.28	0.69
6/30/2010 12:30	2.458824	0.26	0.66
6/30/2010 12:45	2.47366	0.25	0.65
6/30/2010 13:00	2.492333	0.23	0.63
6/30/2010 13:15	2.51407	0.21	0.60
6/30/2010 13:30	2.545074	0.17	0.56
6/30/2010 13:45	2.573486	0.15	0.54
6/30/2010 14:00	2.600319	0.12	0.50
6/30/2010 14:15	2.623365	0.10	0.48
6/30/2010 14:30	2.640541	0.08	0.46
6/30/2010 14:45	2.661923	0.06	0.44
6/30/2010 15:00	2.688335	0.03	0.41
6/30/2010 15:15	2.71578	0.00	0.38
6/30/2010 15:30	2.747439	-0.03	0.34
6/30/2010 15:45	2.775123	-0.06	0.30
6/30/2010 16:00	2.798729	-0.08	0.28
6/30/2010 16:15	2.814554	-0.09	0.26
6/30/2010 16:30	2.831681	-0.11	0.24
6/30/2010 16:45	2.841605	-0.12	0.21
6/30/2010 17:00	2.852007	-0.13	0.21
6/30/2010 17:15	2.862745	-0.14	0.19
6/30/2010 17:30	2.870762	-0.15	0.18
6/30/2010 17:45	2.869469	-0.15	0.17
6/30/2010 18:00	2.856299	-0.14	0.19
6/30/2010 18:15	2.839889	-0.12	0.21
6/30/2010 18:30	2.818616	-0.10	0.23
6/30/2010 18:45	2.793479	-0.07	0.26
6/30/2010 19:00	2.763269	-0.04	0.30
6/30/2010 19:15	2.734953	-0.01	0.32
6/30/2010 19:30	2.699728	0.02	0.36
6/30/2010 19:45	2.659439	0.06	0.39
6/30/2010 20:00	2.613361	0.11	0.44

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)

PZ01I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/3/2010 17:15	2.517717	0.50	0.84
7/3/2010 17:30	2.517548	0.50	0.84
7/3/2010 17:45	2.518839	0.50	0.84
7/3/2010 18:00	2.521725	0.50	0.83
7/3/2010 18:15	2.522402	0.50	0.83
7/3/2010 18:30	2.525103	0.49	0.82
7/3/2010 18:45	2.526847	0.49	0.83
7/3/2010 19:00	2.527175	0.49	0.83
7/3/2010 19:15	2.531526	0.49	0.82
7/3/2010 19:30	2.531456	0.49	0.82
7/3/2010 19:45	2.530667	0.49	0.82
7/3/2010 20:00	2.531943	0.49	0.82
7/3/2010 20:15	2.530376	0.49	0.82
7/3/2010 20:30	2.528656	0.49	0.82
7/3/2010 20:45	2.527786	0.49	0.82
7/3/2010 21:00	2.526852	0.49	0.82
7/3/2010 21:15	2.524749	0.50	0.83
7/3/2010 21:30	2.520958	0.50	0.83
7/3/2010 21:45	2.517965	0.50	0.84
7/3/2010 22:00	2.514523	0.51	0.85
7/3/2010 22:15	2.510017	0.51	0.85
7/3/2010 22:30	2.506195	0.51	0.85
7/3/2010 22:45	2.501748	0.52	0.86
7/3/2010 23:00	2.499422	0.52	0.85
7/3/2010 23:15	2.496463	0.52	0.86
7/3/2010 23:30	2.492314	0.53	0.87
7/3/2010 23:45	2.48868	0.53	0.87
7/4/2010 0:00	2.482976	0.54	0.89
7/4/2010 0:15	2.4817	0.54	0.89
7/4/2010 0:30	2.478037	0.54	0.89
7/4/2010 0:45	2.475265	0.54	0.89
7/4/2010 1:00	2.471926	0.55	0.90
7/4/2010 1:15	2.471895	0.55	0.89
7/4/2010 1:30	2.470942	0.55	0.89
7/4/2010 1:45	2.467937	0.55	0.89
7/4/2010 2:00	2.468018	0.55	0.89
7/4/2010 2:15	2.466902	0.55	0.89
7/4/2010 2:30	2.466124	0.55	0.89
7/4/2010 2:45	2.46587	0.55	0.89
7/4/2010 3:00	2.467128	0.55	0.88
7/4/2010 3:15	2.466434	0.55	0.88
7/4/2010 3:30	2.4675	0.55	0.88
7/4/2010 3:45	2.467667	0.55	0.88
7/4/2010 4:00	2.467258	0.55	0.88
7/4/2010 4:15	2.469807	0.55	0.88
7/4/2010 4:30	2.469079	0.55	0.88
7/4/2010 4:45	2.47093	0.55	0.88
7/4/2010 5:00	2.470756	0.55	0.88
7/4/2010 5:15	2.471455	0.55	0.89
7/4/2010 5:30	2.47196	0.55	0.89
7/4/2010 5:45	2.472991	0.55	0.89
7/4/2010 6:00	2.474542	0.55	0.89
7/4/2010 6:15	2.473963	0.55	0.89
7/4/2010 6:30	2.475262	0.54	0.87
7/4/2010 6:45	2.476003	0.54	0.88
7/4/2010 7:00	2.476811	0.54	0.88
7/4/2010 7:15	2.477791	0.54	0.88
7/4/2010 7:30	2.479426	0.54	0.89
7/4/2010 7:45	2.480028	0.54	0.88
7/4/2010 8:00	2.48051	0.54	0.88
7/4/2010 8:15	2.479813	0.54	0.87
7/4/2010 8:30	2.48008	0.54	0.88
7/4/2010 8:45	2.481396	0.54	0.88
7/4/2010 9:00	2.480569	0.54	0.88
7/4/2010 9:15	2.480982	0.54	0.86
7/4/2010 9:30	2.480934	0.54	0.86
7/4/2010 9:45	2.481348	0.54	0.85
7/4/2010 10:00	2.481555	0.54	0.85
7/4/2010 10:15	2.483323	0.54	0.85

PZ01D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/3/2010 17:15	2.397263	0.32	0.67
7/3/2010 17:30	2.428322	0.29	0.64
7/3/2010 17:45	2.45734	0.26	0.61
7/3/2010 18:00	2.490868	0.23	0.57
7/3/2010 18:15	2.51996	0.20	0.54
7/3/2010 18:30	2.550278	0.17	0.51
7/3/2010 18:45	2.581072	0.14	0.49
7/3/2010 19:00	2.602661	0.12	0.47
7/3/2010 19:15	2.622139	0.10	0.44
7/3/2010 19:30	2.64018	0.08	0.42
7/3/2010 19:45	2.651185	0.07	0.41
7/3/2010 20:00	2.656658	0.06	0.40
7/3/2010 20:15	2.656662	0.06	0.40
7/3/2010 20:30	2.648161	0.07	0.41
7/3/2010 20:45	2.63963	0.08	0.42
7/3/2010 21:00	2.624607	0.10	0.44
7/3/2010 21:15	2.603401	0.12	0.46
7/3/2010 21:30	2.579189	0.14	0.48
7/3/2010 21:45	2.550761	0.17	0.52
7/3/2010 22:00	2.516604	0.20	0.55
7/3/2010 22:15	2.474628	0.25	0.60
7/3/2010 22:30	2.431566	0.29	0.64
7/3/2010 22:45	2.391599	0.33	0.68
7/3/2010 23:00	2.34845	0.37	0.71
7/3/2010 23:15	2.305238	0.41	0.76
7/3/2010 23:30	2.266009	0.45	0.80
7/3/2010 23:45	2.224871	0.50	0.85
7/4/2010 0:00	2.189898	0.53	0.89
7/4/2010 0:15	2.154524	0.57	0.93
7/4/2010 0:30	2.123724	0.60	0.96
7/4/2010 0:45	2.096455	0.62	0.98
7/4/2010 1:00	2.073042	0.65	1.01
7/4/2010 1:15	2.052611	0.67	1.02
7/4/2010 1:30	2.033136	0.69	1.04
7/4/2010 1:45	2.018213	0.70	1.05
7/4/2010 2:00	2.003652	0.72	1.07
7/4/2010 2:15	1.995993	0.72	1.07
7/4/2010 2:30	1.996745	0.72	1.07
7/4/2010 2:45	2.000867	0.72	1.07
7/4/2010 3:00	2.004846	0.72	1.06
7/4/2010 3:15	2.005322	0.71	1.05
7/4/2010 3:30	2.013257	0.71	1.05
7/4/2010 3:45	2.02149	0.70	1.04
7/4/2010 4:00	2.030988	0.69	1.03
7/4/2010 4:15	2.049303	0.67	1.01
7/4/2010 4:30	2.063687	0.66	1.00
7/4/2010 4:45	2.077347	0.64	0.98
7/4/2010 5:00	2.090685	0.63	0.97
7/4/2010 5:15	2.102883	0.62	0.97
7/4/2010 5:30	2.119236	0.60	0.95
7/4/2010 5:45	2.133831	0.59	0.94
7/4/2010 6:00	2.150426	0.57	0.92
7/4/2010 6:15	2.167653	0.55	0.90
7/4/2010 6:30	2.181804	0.54	0.88
7/4/2010 6:45	2.195746	0.52	0.87
7/4/2010 7:00	2.207086	0.51	0.86
7/4/2010 7:15	2.219101	0.50	0.85
7/4/2010 7:30	2.228946	0.49	0.85
7/4/2010 7:45	2.237518	0.48	0.83
7/4/2010 8:00	2.237616	0.48	0.83
7/4/2010 8:15	2.236305	0.48	0.82
7/4/2010 8:30	2.231467	0.49	0.84
7/4/2010 8:45	2.231015	0.49	0.84
7/4/2010 9:00	2.226617	0.49	0.84
7/4/2010 9:15	2.216954	0.50	0.83
7/4/2010 9:30	2.209625	0.51	0.84
7/4/2010 9:45	2.201887	0.52	0.84
7/4/2010 10:00	2.191787	0.53	0.85
7/4/2010 10:15	2.186156	0.53	0.85

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)

PZ01I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/4/2010 10:30	2.482806	0.54	0.85
7/4/2010 10:45	2.483204	0.54	0.85
7/4/2010 11:00	2.483231	0.54	0.86
7/4/2010 11:15	2.48299	0.54	0.85
7/4/2010 11:30	2.482975	0.54	0.85
7/4/2010 11:45	2.481682	0.54	0.85
7/4/2010 12:00	2.48206	0.54	0.84
7/4/2010 12:15	2.482994	0.54	0.84
7/4/2010 12:30	2.482797	0.54	0.83
7/4/2010 12:45	2.483483	0.54	0.83
7/4/2010 13:00	2.484576	0.54	0.83
7/4/2010 13:15	2.486804	0.53	0.82
7/4/2010 13:30	2.488161	0.53	0.82
7/4/2010 13:45	2.488918	0.53	0.82
7/4/2010 14:00	2.491959	0.53	0.81
7/4/2010 14:15	2.493587	0.53	0.81
7/4/2010 14:30	2.496231	0.52	0.80
7/4/2010 14:45	2.499376	0.52	0.79
7/4/2010 15:00	2.502901	0.52	0.78
7/4/2010 15:15	2.505508	0.51	0.77
7/4/2010 15:30	2.50858	0.51	0.76
7/4/2010 15:45	2.510127	0.51	0.76
7/4/2010 16:00	2.513416	0.51	0.76
7/4/2010 16:15	2.516657	0.50	0.74
7/4/2010 16:30	2.52013	0.50	0.74
7/4/2010 16:45	2.52241	0.50	0.73
7/4/2010 17:00	2.525098	0.49	0.72
7/4/2010 17:15	2.526854	0.49	0.71
7/4/2010 17:30	2.529162	0.49	0.71
7/4/2010 17:45	2.532179	0.49	0.71
7/4/2010 18:00	2.533728	0.49	0.71
7/4/2010 18:15	2.534444	0.49	0.70
7/4/2010 18:30	2.536671	0.48	0.69
7/4/2010 18:45	2.539216	0.48	0.69
7/4/2010 19:00	2.540163	0.48	0.69
7/4/2010 19:15	2.541852	0.48	0.69
7/4/2010 19:30	2.542664	0.48	0.70
7/4/2010 19:45	2.544374	0.48	0.69
7/4/2010 20:00	2.544171	0.48	0.70
7/4/2010 20:15	2.544049	0.48	0.69
7/4/2010 20:30	2.543781	0.48	0.69
7/4/2010 20:45	2.541984	0.48	0.70
7/4/2010 21:00	2.539698	0.48	0.71
7/4/2010 21:15	2.537272	0.48	0.71
7/4/2010 21:30	2.535517	0.48	0.71
7/4/2010 21:45	2.53307	0.49	0.73
7/4/2010 22:00	2.530301	0.49	0.73
7/4/2010 22:15	2.525227	0.49	0.73
7/4/2010 22:30	2.522719	0.50	0.75
7/4/2010 22:45	2.519262	0.50	0.75
7/4/2010 23:00	2.514705	0.51	0.77
7/4/2010 23:15	2.511845	0.51	0.77
7/4/2010 23:30	2.507337	0.51	0.77
7/4/2010 23:45	2.50423	0.52	0.78
7/5/2010 0:00	2.500031	0.52	0.77
7/5/2010 0:15	2.496336	0.52	0.78
7/5/2010 0:30	2.492394	0.53	0.79
7/5/2010 0:45	2.488082	0.53	0.80
7/5/2010 1:00	2.482913	0.54	0.81
7/5/2010 1:15	2.48177	0.54	0.80
7/5/2010 1:30	2.479379	0.54	0.80
7/5/2010 1:45	2.475451	0.54	0.80
7/5/2010 2:00	2.474659	0.55	0.81
7/5/2010 2:15	2.471978	0.55	0.80
7/5/2010 2:30	2.470657	0.55	0.80
7/5/2010 2:45	2.468527	0.55	0.80
7/5/2010 3:00	2.466188	0.55	0.80
7/5/2010 3:15	2.467977	0.55	0.80
7/5/2010 3:30	2.467234	0.55	0.80

PZ01D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/4/2010 10:30	2.172284	0.55	0.87
7/4/2010 10:45	2.157988	0.56	0.88
7/4/2010 11:00	2.146189	0.57	0.90
7/4/2010 11:15	2.1256	0.59	0.91
7/4/2010 11:30	2.1105	0.61	0.93
7/4/2010 11:45	2.095063	0.62	0.94
7/4/2010 12:00	2.083625	0.64	0.95
7/4/2010 12:15	2.076681	0.64	0.95
7/4/2010 12:30	2.06898	0.65	0.95
7/4/2010 12:45	2.065497	0.65	0.94
7/4/2010 13:00	2.061892	0.66	0.96
7/4/2010 13:15	2.063412	0.66	0.96
7/4/2010 13:30	2.064645	0.66	0.95
7/4/2010 13:45	2.067649	0.65	0.94
7/4/2010 14:00	2.075142	0.64	0.92
7/4/2010 14:15	2.08708	0.63	0.91
7/4/2010 14:30	2.107233	0.61	0.89
7/4/2010 14:45	2.127709	0.59	0.86
7/4/2010 15:00	2.152972	0.57	0.83
7/4/2010 15:15	2.17889	0.54	0.80
7/4/2010 15:30	2.203962	0.52	0.77
7/4/2010 15:45	2.231826	0.49	0.74
7/4/2010 16:00	2.262468	0.46	0.71
7/4/2010 16:15	2.291335	0.43	0.67
7/4/2010 16:30	2.321909	0.40	0.64
7/4/2010 16:45	2.351908	0.37	0.60
7/4/2010 17:00	2.384023	0.34	0.57
7/4/2010 17:15	2.413503	0.31	0.53
7/4/2010 17:30	2.444341	0.28	0.50
7/4/2010 17:45	2.475428	0.24	0.46
7/4/2010 18:00	2.506211	0.21	0.43
7/4/2010 18:15	2.535939	0.18	0.39
7/4/2010 18:30	2.565817	0.15	0.36
7/4/2010 18:45	2.589754	0.13	0.34
7/4/2010 19:00	2.611286	0.11	0.32
7/4/2010 19:15	2.632596	0.09	0.30
7/4/2010 19:30	2.653589	0.07	0.29
7/4/2010 19:45	2.673922	0.05	0.26
7/4/2010 20:00	2.687569	0.03	0.25
7/4/2010 20:15	2.692071	0.03	0.24
7/4/2010 20:30	2.694039	0.03	0.24
7/4/2010 20:45	2.686346	0.03	0.25
7/4/2010 21:00	2.67372	0.05	0.28
7/4/2010 21:15	2.652297	0.07	0.30
7/4/2010 21:30	2.630468	0.09	0.32
7/4/2010 21:45	2.611701	0.11	0.35
7/4/2010 22:00	2.589714	0.13	0.37
7/4/2010 22:15	2.561716	0.16	0.40
7/4/2010 22:30	2.531049	0.19	0.44
7/4/2010 22:45	2.493609	0.23	0.48
7/4/2010 23:00	2.452481	0.27	0.53
7/4/2010 23:15	2.405478	0.31	0.57
7/4/2010 23:30	2.363932	0.36	0.62
7/4/2010 23:45	2.31992	0.40	0.66
7/5/2010 0:00	2.281449	0.44	0.69
7/5/2010 0:15	2.242615	0.48	0.74
7/5/2010 0:30	2.20111	0.52	0.78
7/5/2010 0:45	2.156295	0.56	0.83
7/5/2010 1:00	2.115417	0.60	0.87
7/5/2010 1:15	2.079627	0.64	0.90
7/5/2010 1:30	2.043697	0.68	0.94
7/5/2010 1:45	2.016658	0.70	0.96
7/5/2010 2:00	1.985864	0.73	0.99
7/5/2010 2:15	1.958428	0.76	1.01
7/5/2010 2:30	1.940283	0.78	1.03
7/5/2010 2:45	1.924847	0.80	1.05
7/5/2010 3:00	1.9159	0.80	1.05
7/5/2010 3:15	1.911782	0.81	1.06
7/5/2010 3:30	1.907829	0.81	1.06

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)

PZ01I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/5/2010 21:00	2.562036	0.46	0.70
7/5/2010 21:15	2.561783	0.46	0.71
7/5/2010 21:30	2.560045	0.46	0.72
7/5/2010 21:45	2.557381	0.46	0.73
7/5/2010 22:00	2.55557	0.46	0.73
7/5/2010 22:15	2.553436	0.47	0.73
7/5/2010 22:30	2.55128	0.47	0.74
7/5/2010 22:45	2.548424	0.47	0.74
7/5/2010 23:00	2.545483	0.47	0.74
7/5/2010 23:15	2.541628	0.48	0.75
7/5/2010 23:30	2.538704	0.48	0.75
7/5/2010 23:45	2.532736	0.49	0.76
7/6/2010 0:00	2.528611	0.49	0.76
7/6/2010 0:15	2.526003	0.49	0.76
7/6/2010 0:30	2.520952	0.50	0.77
7/6/2010 0:45	2.516962	0.50	0.77
7/6/2010 1:00	2.513266	0.51	0.78
7/6/2010 1:15	2.510092	0.51	0.77
7/6/2010 1:30	2.505897	0.51	0.77
7/6/2010 1:45	2.500754	0.52	0.78
7/6/2010 2:00	2.499444	0.52	0.78
7/6/2010 2:15	2.495085	0.52	0.78
7/6/2010 2:30	2.493229	0.53	0.79
7/6/2010 2:45	2.48928	0.53	0.79
7/6/2010 3:00	2.487942	0.53	0.79
7/6/2010 3:15	2.485876	0.53	0.79
7/6/2010 3:30	2.484051	0.54	0.79
7/6/2010 3:45	2.482113	0.54	0.79
7/6/2010 4:00	2.481766	0.54	0.79
7/6/2010 4:15	2.481274	0.54	0.80
7/6/2010 4:30	2.480877	0.54	0.80
7/6/2010 4:45	2.481743	0.54	0.80
7/6/2010 5:00	2.48128	0.54	0.81
7/6/2010 5:15	2.481987	0.54	0.81
7/6/2010 5:30	2.483103	0.54	0.81
7/6/2010 5:45	2.483917	0.54	0.81
7/6/2010 6:00	2.48521	0.53	0.82
7/6/2010 6:15	2.486019	0.53	0.81
7/6/2010 6:30	2.48687	0.53	0.81
7/6/2010 6:45	2.48891	0.53	0.81
7/6/2010 7:00	2.490766	0.53	0.82
7/6/2010 7:15	2.493749	0.53	0.82
7/6/2010 7:30	2.495475	0.52	0.81
7/6/2010 7:45	2.497564	0.52	0.81
7/6/2010 8:00	2.498785	0.52	0.81
7/6/2010 8:15	2.501656	0.52	0.81
7/6/2010 8:30	2.504633	0.52	0.81
7/6/2010 8:45	2.506943	0.51	0.80
7/6/2010 9:00	2.508886	0.51	0.80
7/6/2010 9:15	2.512319	0.51	0.80
7/6/2010 9:30	2.515084	0.50	0.79
7/6/2010 9:45	2.515303	0.50	0.79
7/6/2010 10:00	2.51782	0.50	0.79
7/6/2010 10:15	2.517882	0.50	0.78
7/6/2010 10:30	2.692931	0.33	0.63

PZ01D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/5/2010 21:00	2.964567	-0.24	0.00
7/5/2010 21:15	2.961674	-0.24	0.01
7/5/2010 21:30	2.952438	-0.23	0.03
7/5/2010 21:45	2.944336	-0.22	0.05
7/5/2010 22:00	2.928297	-0.21	0.06
7/5/2010 22:15	2.906843	-0.19	0.07
7/5/2010 22:30	2.890228	-0.17	0.10
7/5/2010 22:45	2.864619	-0.14	0.13
7/5/2010 23:00	2.830215	-0.11	0.16
7/5/2010 23:15	2.788004	-0.07	0.20
7/5/2010 23:30	2.741115	-0.02	0.25
7/5/2010 23:45	2.692971	0.03	0.30
7/6/2010 0:00	2.645853	0.07	0.34
7/6/2010 0:15	2.600588	0.12	0.39
7/6/2010 0:30	2.558051	0.16	0.43
7/6/2010 0:45	2.513193	0.21	0.48
7/6/2010 1:00	2.463616	0.26	0.53
7/6/2010 1:15	2.418014	0.30	0.56
7/6/2010 1:30	2.370775	0.35	0.61
7/6/2010 1:45	2.323697	0.40	0.66
7/6/2010 2:00	2.283673	0.44	0.70
7/6/2010 2:15	2.244799	0.48	0.74
7/6/2010 2:30	2.206891	0.51	0.77
7/6/2010 2:45	2.179852	0.54	0.80
7/6/2010 3:00	2.15406	0.57	0.83
7/6/2010 3:15	2.130846	0.59	0.85
7/6/2010 3:30	2.112184	0.61	0.86
7/6/2010 3:45	2.099248	0.62	0.87
7/6/2010 4:00	2.093155	0.63	0.88
7/6/2010 4:15	2.09163	0.63	0.89
7/6/2010 4:30	2.099306	0.62	0.88
7/6/2010 4:45	2.109713	0.61	0.87
7/6/2010 5:00	2.117916	0.60	0.87
7/6/2010 5:15	2.128778	0.59	0.86
7/6/2010 5:30	2.143481	0.58	0.85
7/6/2010 5:45	2.158679	0.56	0.83
7/6/2010 6:00	2.179792	0.54	0.83
7/6/2010 6:15	2.207051	0.51	0.79
7/6/2010 6:30	2.229497	0.49	0.77
7/6/2010 6:45	2.253929	0.47	0.75
7/6/2010 7:00	2.279679	0.44	0.73
7/6/2010 7:15	2.306163	0.41	0.70
7/6/2010 7:30	2.334256	0.39	0.68
7/6/2010 7:45	2.360268	0.36	0.65
7/6/2010 8:00	2.38763	0.33	0.63
7/6/2010 8:15	2.41035	0.31	0.61
7/6/2010 8:30	2.433295	0.29	0.59
7/6/2010 8:45	2.459754	0.26	0.56
7/6/2010 9:00	2.483018	0.24	0.54
7/6/2010 9:15	2.502101	0.22	0.52
7/6/2010 9:30	2.518202	0.20	0.50
7/6/2010 9:45	2.53193	0.19	0.49
7/6/2010 10:00	2.540047	0.18	0.47
7/6/2010 10:15	2.546992	0.17	0.45
7/6/2010 10:30	2.547868	0.17	0.48

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ01S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)

PZ01I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)

PZ01D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/4/2010 18:01	1.687746	0.42	0.42
6/4/2010 18:16	1.691681	0.42	0.43
6/4/2010 18:31	1.708013	0.40	0.42
6/4/2010 18:46	1.728663	0.38	0.39
6/4/2010 19:01	1.73963	0.37	0.39
6/4/2010 19:16	1.751184	0.36	0.38
6/4/2010 19:31	1.763635	0.35	0.36
6/4/2010 19:46	1.775313	0.33	0.35
6/4/2010 20:01	1.786554	0.32	0.33
6/4/2010 20:16	1.796437	0.31	0.32
6/4/2010 20:31	1.801604	0.31	0.33
6/4/2010 20:46	1.802186	0.31	0.34
6/4/2010 21:01	1.804124	0.31	0.33
6/4/2010 21:16	1.804729	0.31	0.32
6/4/2010 21:31	1.802543	0.31	0.32
6/4/2010 21:46	1.801911	0.31	0.32
6/4/2010 22:01	1.798581	0.31	0.32
6/4/2010 22:16	1.794547	0.32	0.34
6/4/2010 22:31	1.790054	0.32	0.34
6/4/2010 22:46	1.782297	0.33	0.34
6/4/2010 23:01	1.774855	0.34	0.34
6/4/2010 23:16	1.76526	0.34	0.34
6/4/2010 23:31	1.754944	0.36	0.36
6/4/2010 23:46	1.742729	0.37	0.36
6/5/2010 0:01	1.731677	0.38	0.37
6/5/2010 0:16	1.719045	0.39	0.38
6/5/2010 0:31	1.706557	0.40	0.37
6/5/2010 0:46	1.692492	0.42	0.39
6/5/2010 1:01	1.678221	0.43	0.40
6/5/2010 1:16	1.661768	0.45	0.43
6/5/2010 1:31	1.644696	0.47	0.45
6/5/2010 1:46	1.627267	0.48	0.47
6/5/2010 2:01	1.608126	0.50	0.48
6/5/2010 2:16	1.566516	0.54	0.51
6/5/2010 2:31	1.552638	0.56	0.53
6/5/2010 2:46	1.538722	0.57	0.53
6/5/2010 3:01	1.524393	0.59	0.53
6/5/2010 3:16	1.512268	0.60	0.54
6/5/2010 3:31	1.50023	0.61	0.55
6/5/2010 3:46	1.487864	0.62	0.57
6/5/2010 4:01	1.479591	0.63	0.59
6/5/2010 4:16	1.469677	0.64	0.59
6/5/2010 4:31	1.463115	0.65	0.60
6/5/2010 4:46	1.45473	0.66	0.61
6/5/2010 5:01	1.446262	0.66	0.61
6/5/2010 5:16	1.441291	0.67	0.63
6/5/2010 5:31	1.435791	0.67	0.63
6/5/2010 5:46	1.431385	0.68	0.63
6/5/2010 6:01	1.426215	0.68	0.63
6/5/2010 6:16	1.425346	0.68	0.65
6/5/2010 6:31	1.421737	0.69	0.66
6/5/2010 6:46	1.420007	0.69	0.66
6/5/2010 7:01	1.419151	0.69	0.67
6/5/2010 7:16	1.418961	0.69	0.66
6/5/2010 7:31	1.419502	0.69	0.66
6/5/2010 7:46	1.421241	0.69	0.67
6/5/2010 8:01	1.42193	0.69	0.66
6/5/2010 8:16	1.424945	0.69	0.67
6/5/2010 8:31	1.426522	0.68	0.66
6/5/2010 8:46	1.42669	0.68	0.67
6/5/2010 9:01	1.429975	0.68	0.67
6/5/2010 9:16	1.431056	0.68	0.66
6/5/2010 9:31	1.43308	0.68	0.66
6/5/2010 9:46	1.437706	0.67	0.65
6/5/2010 10:01	1.442496	0.67	0.64
6/5/2010 10:16	1.444604	0.67	0.64
6/5/2010 10:31	1.440268	0.67	0.65
6/5/2010 10:46	1.436659	0.67	0.64
6/5/2010 11:01	1.429808	0.68	0.66

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/2/2010 20:15	1.788175	0.34	0.34
6/2/2010 20:30	1.755608	0.37	0.37
6/2/2010 20:45	1.715862	0.41	0.40
6/2/2010 21:00	1.681664	0.45	0.44
6/2/2010 21:15	1.641303	0.49	0.48
6/2/2010 21:30	1.587031	0.54	0.53
6/2/2010 21:45	1.52584	0.60	0.59
6/2/2010 22:00	1.458836	0.67	0.66
6/2/2010 22:15	1.39897	0.73	0.71
6/2/2010 22:30	1.344168	0.79	0.77
6/2/2010 22:45	1.294656	0.84	0.81
6/2/2010 23:00	1.24972	0.88	0.85
6/2/2010 23:15	1.20676	0.92	0.89
6/2/2010 23:30	1.168578	0.96	0.93
6/2/2010 23:45	1.124285	1.01	0.99
6/3/2010 0:00	1.088186	1.04	1.02
6/3/2010 0:15	1.057572	1.07	1.06
6/3/2010 0:30	1.032408	1.10	1.09
6/3/2010 0:45	1.012687	1.12	1.10
6/3/2010 1:00	0.993833	1.14	1.13
6/3/2010 1:15	0.978894	1.15	1.15
6/3/2010 1:30	0.960918	1.17	1.17
6/3/2010 1:45	0.954824	1.18	1.17
6/3/2010 2:00	0.958413	1.17	1.15
6/3/2010 2:15	0.968741	1.16	1.13
6/3/2010 2:30	0.980643	1.15	1.11
6/3/2010 2:45	1.002773	1.13	1.09
6/3/2010 3:00	1.032674	1.10	1.06
6/3/2010 3:15	1.04799	1.08	1.02
6/3/2010 3:30	1.065142	1.06	1.00
6/3/2010 3:45	1.091035	1.04	0.97
6/3/2010 4:00	1.10515	1.02	0.95
6/3/2010 4:15	1.127711	1.00	0.93
6/3/2010 4:30	1.143414	0.99	0.92
6/3/2010 4:45	1.149739	0.98	0.91
6/3/2010 5:00	1.162211	0.97	0.90
6/3/2010 5:15	1.174129	0.96	0.90
6/3/2010 5:30	1.190503	0.94	0.88
6/3/2010 5:45	1.200616	0.93	0.87
6/3/2010 6:00	1.20678	0.92	0.86
6/3/2010 6:15	1.216829	0.91	0.86
6/3/2010 6:30	1.225574	0.90	0.85
6/3/2010 6:45	1.229031	0.90	0.85
6/3/2010 7:00	1.220959	0.91	0.88
6/3/2010 7:15	1.221035	0.91	0.88
6/3/2010 7:30	1.205432	0.92	0.89
6/3/2010 7:45	1.195102	0.93	0.90
6/3/2010 8:00	1.174916	0.96	0.94
6/3/2010 8:15	1.136234	0.99	0.98
6/3/2010 8:30	1.103544	1.03	1.02
6/3/2010 8:45	1.080191	1.05	1.04
6/3/2010 9:00	1.049274	1.08	1.07
6/3/2010 9:15	1.020941	1.11	1.10
6/3/2010 9:30	0.989367	1.14	1.13
6/3/2010 9:45	0.943317	1.19	1.18
6/3/2010 10:00	0.899335	1.23	1.22
6/3/2010 10:15	0.86018	1.27	1.26
6/3/2010 10:30	0.815756	1.31	1.30
6/3/2010 10:45	0.775011	1.35	1.32
6/3/2010 11:00	0.745799	1.38	1.35
6/3/2010 11:15	0.720091	1.41	1.39
6/3/2010 11:30	0.691391	1.44	1.42
6/3/2010 11:45	0.669158	1.46	1.44
6/3/2010 12:00	0.638096	1.49	1.47
6/3/2010 12:15	0.61122	1.52	1.50
6/3/2010 12:30	0.601725	1.53	1.51
6/3/2010 12:45	0.603986	1.53	1.51
6/3/2010 13:00	0.601421	1.53	1.50
6/3/2010 13:15	0.608598	1.52	1.50

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/5/2010 11:16	1.423415	0.69	0.67
6/5/2010 11:31	1.414489	0.70	0.68
6/5/2010 11:46	1.406	0.70	0.68
6/5/2010 12:01	1.394497	0.72	0.69
6/5/2010 12:16	1.381352	0.73	0.69
6/5/2010 12:31	1.365983	0.74	0.70
6/5/2010 12:46	1.347963	0.76	0.72
6/5/2010 13:01	1.328727	0.78	0.75
6/5/2010 13:16	1.308735	0.80	0.76
6/5/2010 13:31	1.289716	0.82	0.79
6/5/2010 13:46	1.272444	0.84	0.80
6/5/2010 14:01	1.256522	0.85	0.81
6/5/2010 14:16	1.241299	0.87	0.83
6/5/2010 14:31	1.226903	0.88	0.84
6/5/2010 14:46	1.217054	0.89	0.84
6/5/2010 15:01	1.212296	0.90	0.85
6/5/2010 15:16	1.210578	0.90	0.85
6/5/2010 15:31	1.216127	0.89	0.83
6/5/2010 15:46	1.22298	0.89	0.83
6/5/2010 16:01	1.234717	0.88	0.82
6/5/2010 16:16	1.251004	0.86	0.81
6/5/2010 16:31	1.268428	0.84	0.78
6/5/2010 16:46	1.29109	0.82	0.76
6/5/2010 17:01	1.313346	0.80	0.74
6/5/2010 17:16	1.338668	0.77	0.70
6/5/2010 17:31	1.365875	0.74	0.66
6/5/2010 17:46	1.392774	0.72	0.64
6/5/2010 18:01	1.420763	0.69	0.62
6/5/2010 18:16	1.450897	0.66	0.59
6/5/2010 18:31	1.482826	0.63	0.56
6/5/2010 18:46	1.514035	0.60	0.53
6/5/2010 19:01	1.54886	0.56	0.50
6/5/2010 19:16	1.583113	0.53	0.46
6/5/2010 19:31	1.616785	0.49	0.43
6/5/2010 19:46	1.651668	0.46	0.40
6/5/2010 20:01	1.686414	0.42	0.36
6/5/2010 20:16	1.72047	0.39	0.34
6/5/2010 20:31	1.750814	0.36	0.30
6/5/2010 20:46	1.777324	0.33	0.27
6/5/2010 21:01	1.803332	0.31	0.26
6/5/2010 21:16	1.824614	0.29	0.23
6/5/2010 21:31	1.841805	0.27	0.21
6/5/2010 21:46	1.853296	0.26	0.20
6/5/2010 22:01	1.857876	0.25	0.19
6/5/2010 22:16	1.856385	0.25	0.19
6/5/2010 22:31	1.850037	0.26	0.20
6/5/2010 22:46	1.835828	0.27	0.21
6/5/2010 23:01	1.815866	0.29	0.23
6/5/2010 23:16	1.790215	0.32	0.25
6/5/2010 23:31	1.760414	0.35	0.28
6/5/2010 23:46	1.727741	0.38	0.31
6/6/2010 0:01	1.692741	0.42	0.34
6/6/2010 0:16	1.655432	0.45	0.35
6/6/2010 0:31	1.616383	0.49	0.38
6/6/2010 0:46	1.574653	0.54	0.43
6/6/2010 1:01	1.532558	0.58	0.46
6/6/2010 1:16	1.487834	0.62	0.49
6/6/2010 1:31	1.439709	0.67	0.53
6/6/2010 1:46	1.393217	0.72	0.57
6/6/2010 2:01	1.346558	0.76	0.60
6/6/2010 2:16	1.305464	0.80	0.63
6/6/2010 2:31	1.267207	0.84	0.66
6/6/2010 2:46	1.234601	0.88	0.69
6/6/2010 3:01	1.202134	0.91	0.72
6/6/2010 3:16	1.171833	0.94	0.74
6/6/2010 3:31	1.145284	0.96	0.77
6/6/2010 3:46	1.124586	0.99	0.81
6/6/2010 4:01	1.10896	1.00	0.82
6/6/2010 4:16	1.101181	1.01	0.83

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/3/2010 13:30	0.619605	1.51	1.48
6/3/2010 13:45	0.6323	1.50	1.47
6/3/2010 14:00	0.65014	1.48	1.46
6/3/2010 14:15	0.685859	1.44	1.41
6/3/2010 14:30	0.723609	1.41	1.39
6/3/2010 14:45	0.752719	1.38	1.34
6/3/2010 15:00	0.793173	1.34	1.31
6/3/2010 15:15	0.825177	1.30	1.27
6/3/2010 15:30	0.84537	1.28	1.24
6/3/2010 15:45	0.875556	1.25	1.21
6/3/2010 16:00	0.915945	1.21	1.16
6/3/2010 16:15	0.947547	1.18	1.13
6/3/2010 16:30	0.976289	1.15	1.08
6/3/2010 16:45	1.00494	1.13	1.05
6/3/2010 17:00	1.041505	1.09	1.03
6/3/2010 17:15	1.075227	1.05	1.00
6/3/2010 17:30	1.110357	1.02	0.96
6/3/2010 17:45	1.147807	0.98	0.92
6/3/2010 18:00	1.174149	0.96	0.90
6/3/2010 18:15	1.195732	0.93	0.87
6/3/2010 18:30	1.239773	0.89	0.84
6/3/2010 18:45	1.303118	0.83	0.77
6/3/2010 19:00	1.325633	0.80	0.75
6/3/2010 19:15	1.311599	0.82	0.78
6/3/2010 19:30	1.293534	0.84	0.81
6/3/2010 19:45	1.28463	0.85	0.81
6/3/2010 20:00	1.259197	0.87	0.83
6/3/2010 20:15	1.260095	0.87	0.85
6/3/2010 20:30	1.358999	0.77	0.76
6/3/2010 20:45	1.380314	0.75	0.75
6/3/2010 21:00	1.344998	0.79	0.80
6/3/2010 21:15	1.321283	0.81	0.82
6/3/2010 21:30	1.217781	0.91	0.93
6/3/2010 21:45	1.122361	1.01	1.03
6/3/2010 22:00	1.061172	1.07	1.09
6/3/2010 22:15	1.021019	1.11	1.14
6/3/2010 22:30	1.001818	1.13	1.16
6/3/2010 22:45	0.984098	1.15	1.18
6/3/2010 23:00	0.981228	1.15	1.18
6/3/2010 23:15	0.967704	1.16	1.19
6/3/2010 23:30	0.912113	1.22	1.25
6/3/2010 23:45	0.864758	1.27	1.30
6/4/2010 0:00	0.814126	1.32	1.35
6/4/2010 0:15	0.766812	1.36	1.39
6/4/2010 0:30	0.767789	1.36	1.40
6/4/2010 0:45	0.796631	1.33	1.36
6/4/2010 1:00	0.824117	1.31	1.34
6/4/2010 1:15	0.846332	1.28	1.30
6/4/2010 1:30	0.862213	1.27	1.30
6/4/2010 1:45	0.839511	1.29	1.32
6/4/2010 2:00	0.823608	1.31	1.33
6/4/2010 2:15	0.830601	1.30	1.32
6/4/2010 2:30	0.842528	1.29	1.30
6/4/2010 2:45	0.882295	1.25	1.27
6/4/2010 3:00	0.915833	1.21	1.22
6/4/2010 3:15	0.932988	1.20	1.22
6/4/2010 3:30	0.954634	1.18	1.20
6/4/2010 3:45	0.963533	1.17	1.20
6/4/2010 4:00	0.975472	1.15	1.18
6/4/2010 4:15	0.982594	1.15	1.18
6/4/2010 4:30	1.012617	1.12	1.16
6/4/2010 4:45	1.056965	1.07	1.11
6/4/2010 5:00	1.090221	1.04	1.08
6/4/2010 5:15	1.130758	1.00	1.04
6/4/2010 5:30	1.161785	0.97	1.01
6/4/2010 5:45	1.187833	0.94	0.98
6/4/2010 6:00	1.217068	0.91	0.96
6/4/2010 6:15	1.258322	0.87	0.93
6/4/2010 6:30	1.301816	0.83	0.89

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/6/2010 4:31	1.099309	1.01	0.84
6/6/2010 4:46	1.104456	1.01	0.83
6/6/2010 5:01	1.113011	1.00	0.81
6/6/2010 5:16	1.121751	0.99	0.80
6/6/2010 5:31	1.131554	0.98	0.78
6/6/2010 5:46	1.144906	0.97	0.77
6/6/2010 6:01	1.159622	0.95	0.75
6/6/2010 6:16	1.180599	0.93	0.73
6/6/2010 6:31	1.204996	0.91	0.71
6/6/2010 6:46	1.230111	0.88	0.67
6/6/2010 7:01	1.256078	0.85	0.64
6/6/2010 7:16	1.282634	0.83	0.61
6/6/2010 7:31	1.31118	0.80	0.58
6/6/2010 7:46	1.34052	0.77	0.54
6/6/2010 8:01	1.369698	0.74	0.53
6/6/2010 8:16	1.400433	0.71	0.48
6/6/2010 8:31	1.430024	0.68	0.45
6/6/2010 8:46	1.459482	0.65	0.40
6/6/2010 9:01	1.484531	0.63	0.38
6/6/2010 9:16	1.509489	0.60	0.34
6/6/2010 9:31	1.532559	0.58	0.29
6/6/2010 9:46	1.552454	0.56	0.27
6/6/2010 10:01	1.571111	0.54	0.24
6/6/2010 10:16	1.584817	0.53	0.22
6/6/2010 10:31	1.594946	0.52	0.20
6/6/2010 10:46	1.596176	0.51	0.19
6/6/2010 11:01	1.593391	0.52	0.20
6/6/2010 11:16	1.583546	0.53	0.21
6/6/2010 11:31	1.574271	0.54	0.22
6/6/2010 11:46	1.566773	0.54	0.21
6/6/2010 12:01	1.556392	0.55	0.22
6/6/2010 12:16	1.538939	0.57	0.22
6/6/2010 12:31	1.516792	0.59	0.23
6/6/2010 12:46	1.489371	0.62	0.25
6/6/2010 13:01	1.459402	0.65	0.28
6/6/2010 13:16	1.431279	0.68	0.31
6/6/2010 13:31	1.403433	0.71	0.35
6/6/2010 13:46	1.374383	0.74	0.38
6/6/2010 14:01	1.349426	0.76	0.40
6/6/2010 14:16	1.322098	0.79	0.42
6/6/2010 14:31	1.297318	0.81	0.45
6/6/2010 14:46	1.272672	0.84	0.48
6/6/2010 15:01	1.254855	0.86	0.52
6/6/2010 15:16	1.237449	0.87	0.53
6/6/2010 15:31	1.229868	0.88	0.54
6/6/2010 15:46	1.232725	0.88	0.54
6/6/2010 16:01	1.240795	0.87	0.53
6/6/2010 16:16	1.244556	0.87	0.53
6/6/2010 16:31	1.24387	0.87	0.53
6/6/2010 16:46	1.248728	0.86	0.51
6/6/2010 17:01	1.259283	0.85	0.52
6/6/2010 17:16	1.278589	0.83	0.51
6/6/2010 17:31	1.309463	0.80	0.48
6/6/2010 17:46	1.341471	0.77	0.45
6/6/2010 18:01	1.371201	0.74	0.42
6/6/2010 18:16	1.401877	0.71	0.39
6/6/2010 18:31	1.425823	0.68	0.37
6/6/2010 18:46	1.447692	0.66	0.37
6/6/2010 19:01	1.47627	0.63	0.35
6/6/2010 19:16	1.512532	0.60	0.34
6/6/2010 19:31	1.560687	0.55	0.30
6/6/2010 19:46	1.603599	0.51	0.28
6/6/2010 20:01	1.646856	0.46	0.23
6/6/2010 20:16	1.689953	0.42	0.21
6/6/2010 20:31	1.724493	0.39	0.18
6/6/2010 20:46	1.75865	0.35	0.16
6/6/2010 21:01	1.793456	0.32	0.14
6/6/2010 21:16	1.823338	0.29	0.12
6/6/2010 21:31	1.861144	0.25	0.09

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/4/2010 6:45	1.332614	0.80	0.88
6/4/2010 7:00	1.36284	0.77	0.85
6/4/2010 7:15	1.383045	0.75	0.83
6/4/2010 7:30	1.380275	0.75	0.86
6/4/2010 7:45	1.395721	0.73	0.82
6/4/2010 8:00	1.424374	0.71	0.80
6/4/2010 8:15	1.450556	0.68	0.77
6/4/2010 8:30	1.457471	0.67	0.78
6/4/2010 8:45	1.441484	0.69	0.78
6/4/2010 9:00	1.410664	0.72	0.81
6/4/2010 9:15	1.371769	0.76	0.87
6/4/2010 9:30	1.349412	0.78	0.89
6/4/2010 9:45	1.339143	0.79	0.90
6/4/2010 10:00	1.316058	0.81	0.93
6/4/2010 10:15	1.284096	0.85	0.97
6/4/2010 10:30	1.235296	0.89	1.00
6/4/2010 10:45	1.183733	0.95	1.07
6/4/2010 11:00	1.138204	0.99	1.11
6/4/2010 11:15	1.106088	1.02	1.14
6/4/2010 11:30	1.080335	1.05	1.17
6/4/2010 11:45	1.061212	1.07	1.19
6/4/2010 12:00	1.040179	1.09	1.22
6/4/2010 12:15	1.020265	1.11	1.24
6/4/2010 12:30	0.989985	1.14	1.25
6/4/2010 12:45	0.954717	1.18	1.30
6/4/2010 13:00	0.939757	1.19	1.30
6/4/2010 13:15	0.935061	1.19	1.30
6/4/2010 13:30	0.939881	1.19	1.30
6/4/2010 13:45	0.945317	1.18	1.27
6/4/2010 14:00	0.952448	1.18	1.27
6/4/2010 14:15	0.966691	1.16	1.24
6/4/2010 14:30	0.98306	1.15	1.23
6/4/2010 14:45	1.013012	1.12	1.19
6/4/2010 15:00	1.03491	1.10	1.17
6/4/2010 15:15	1.06103	1.07	1.13
6/4/2010 15:30	1.095019	1.03	1.08
6/4/2010 15:45	1.130699	1.00	1.04
6/4/2010 16:00	1.161394	0.97	1.01
6/4/2010 16:15	1.190645	0.94	0.98
6/4/2010 16:30	1.225048	0.90	0.94
6/4/2010 16:45	1.267356	0.86	0.90
6/4/2010 17:00	1.300025	0.83	0.86
6/4/2010 17:15	1.331615	0.80	0.83
6/4/2010 17:30	1.364039	0.77	0.79
6/4/2010 17:45	1.392786	0.74	0.78
6/4/2010 18:00	1.438393	0.69	0.73
6/4/2010 18:15	1.481619	0.65	0.70
6/4/2010 18:30	1.524053	0.61	0.67
6/4/2010 18:45	1.551376	0.58	0.63
6/4/2010 19:00	1.578243	0.55	0.61
6/4/2010 19:15	1.58447	0.55	0.61
6/4/2010 19:30	1.620316	0.51	0.56
6/4/2010 19:45	1.65296	0.48	0.54
6/4/2010 20:00	1.674525	0.46	0.51
6/4/2010 20:15	1.703613	0.43	0.48
6/4/2010 20:30	1.70813	0.42	0.48
6/4/2010 20:45	1.69273	0.44	0.51
6/4/2010 21:00	1.654203	0.48	0.54
6/4/2010 21:15	1.611908	0.52	0.57
6/4/2010 21:30	1.577144	0.55	0.60
6/4/2010 21:45	1.543602	0.59	0.64
6/4/2010 22:00	1.51034	0.62	0.67
6/4/2010 22:15	1.472178	0.66	0.72
6/4/2010 22:30	1.425473	0.70	0.76
6/4/2010 22:45	1.367275	0.76	0.81
6/4/2010 23:00	1.30731	0.82	0.86
6/4/2010 23:15	1.247829	0.88	0.92
6/4/2010 23:30	1.187405	0.94	0.98
6/4/2010 23:45	1.141971	0.99	1.02

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/6/2010 21:46	1.904984	0.21	0.07
6/6/2010 22:01	1.945873	0.16	0.03
6/6/2010 22:16	1.977584	0.13	0.01
6/6/2010 22:31	1.999187	0.11	0.01
6/6/2010 22:46	2.008744	0.10	0.02
6/6/2010 23:01	2.010347	0.10	0.02
6/6/2010 23:16	2.008523	0.10	0.03
6/6/2010 23:31	2.008084	0.10	0.03
6/6/2010 23:46	2.008	0.10	0.03
6/7/2010 0:01	2.002903	0.11	0.05
6/7/2010 0:16	2.000774	0.11	0.04
6/7/2010 0:31	1.990832	0.12	0.06
6/7/2010 0:46	1.964931	0.15	0.10
6/7/2010 1:01	1.929822	0.18	0.13
6/7/2010 1:16	1.888249	0.22	0.17
6/7/2010 1:31	1.845248	0.26	0.22
6/7/2010 1:46	1.811175	0.30	0.26
6/7/2010 2:01	1.789681	0.32	0.29
6/7/2010 2:16	1.771468	0.34	0.30
6/7/2010 2:31	1.751737	0.36	0.33
6/7/2010 2:46	1.729437	0.38	0.36
6/7/2010 3:01	1.710497	0.40	0.39
6/7/2010 3:16	1.692031	0.42	0.41
6/7/2010 3:31	1.678626	0.43	0.42
6/7/2010 3:46	1.675077	0.43	0.43
6/7/2010 4:01	1.675992	0.43	0.44
6/7/2010 4:16	1.678235	0.43	0.44
6/7/2010 4:31	1.681389	0.43	0.44
6/7/2010 4:46	1.685342	0.42	0.44
6/7/2010 5:01	1.689074	0.42	0.44
6/7/2010 5:16	1.702041	0.41	0.45
6/7/2010 5:31	1.719529	0.39	0.43
6/7/2010 5:46	1.74109	0.37	0.42
6/7/2010 6:01	1.762145	0.35	0.39
6/7/2010 6:16	1.783238	0.33	0.38
6/7/2010 6:31	1.805172	0.30	0.35
6/7/2010 6:46	1.833487	0.28	0.35
6/7/2010 7:01	1.865999	0.24	0.31
6/7/2010 7:16	1.901433	0.21	0.29
6/7/2010 7:31	1.941173	0.17	0.25
6/7/2010 7:46	1.980618	0.13	0.23
6/7/2010 8:01	2.019544	0.09	0.20
6/7/2010 8:16	2.057925	0.05	0.16
6/7/2010 8:31	2.095662	0.01	0.13
6/7/2010 8:46	2.135092	-0.03	0.10
6/7/2010 9:01	2.175976	-0.07	0.07
6/7/2010 9:16	2.219589	-0.11	0.03
6/7/2010 9:31	2.262735	-0.15	-0.02
6/7/2010 9:46	2.303786	-0.19	-0.05
6/7/2010 10:01	2.344195	-0.23	-0.10
6/7/2010 10:16	2.377662	-0.27	-0.14
6/7/2010 10:31	2.406843	-0.30	-0.17
6/7/2010 10:46	2.433084	-0.32	-0.20
6/7/2010 11:01	2.455172	-0.35	-0.23
6/7/2010 11:16	2.475471	-0.37	-0.25
6/7/2010 11:31	2.492442	-0.38	-0.25
6/7/2010 11:46	2.503974	-0.39	-0.27
6/7/2010 12:01	2.510385	-0.40	-0.27
6/7/2010 12:16	2.512737	-0.40	-0.27
6/7/2010 12:31	2.507993	-0.40	-0.27
6/7/2010 12:46	2.499788	-0.39	-0.27
6/7/2010 13:01	2.485533	-0.38	-0.26
6/7/2010 13:16	2.466841	-0.36	-0.24
6/7/2010 13:31	2.445039	-0.34	-0.22
6/7/2010 13:46	2.419775	-0.31	-0.19
6/7/2010 14:01	2.394466	-0.28	-0.16
6/7/2010 14:16	2.373591	-0.26	-0.14
6/7/2010 14:31	2.35674	-0.25	-0.13
6/7/2010 14:46	2.337659	-0.23	-0.11

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/5/2010 0:00	1.096447	1.03	1.06
6/5/2010 0:15	1.053963	1.08	1.11
6/5/2010 0:30	1.015078	1.11	1.12
6/5/2010 0:45	0.968252	1.16	1.17
6/5/2010 1:00	0.920415	1.21	1.22
6/5/2010 1:15	0.87871	1.25	1.27
6/5/2010 1:30	0.839682	1.29	1.31
6/5/2010 1:45	0.808758	1.32	1.35
6/5/2010 2:00	0.789167	1.34	1.36
6/5/2010 2:15	0.77308	1.36	1.37
6/5/2010 2:30	0.760954	1.37	1.38
6/5/2010 2:45	0.744724	1.39	1.39
6/5/2010 3:00	0.743721	1.39	1.37
6/5/2010 3:15	0.747023	1.38	1.36
6/5/2010 3:30	0.747591	1.38	1.36
6/5/2010 3:45	0.76643	1.36	1.35
6/5/2010 4:00	0.784816	1.35	1.35
6/5/2010 4:15	0.80282	1.33	1.32
6/5/2010 4:30	0.827187	1.30	1.29
6/5/2010 4:45	0.851291	1.28	1.27
6/5/2010 5:00	0.866959	1.26	1.25
6/5/2010 5:15	0.88766	1.24	1.24
6/5/2010 5:30	0.924257	1.21	1.21
6/5/2010 5:45	0.951034	1.18	1.17
6/5/2010 6:00	0.985138	1.14	1.13
6/5/2010 6:15	1.020104	1.11	1.12
6/5/2010 6:30	1.038779	1.09	1.10
6/5/2010 6:45	1.063537	1.07	1.08
6/5/2010 7:00	1.091629	1.04	1.06
6/5/2010 7:15	1.111805	1.02	1.03
6/5/2010 7:30	1.13643	0.99	1.00
6/5/2010 7:45	1.155868	0.97	0.99
6/5/2010 8:00	1.176584	0.95	0.96
6/5/2010 8:15	1.201836	0.93	0.95
6/5/2010 8:30	1.220283	0.91	0.93
6/5/2010 8:45	1.225879	0.90	0.93
6/5/2010 9:00	1.230024	0.90	0.93
6/5/2010 9:15	1.233569	0.90	0.92
6/5/2010 9:30	1.233525	0.90	0.92
6/5/2010 9:45	1.234018	0.90	0.92
6/5/2010 10:00	1.226039	0.90	0.91
6/5/2010 10:15	1.200446	0.93	0.94
6/5/2010 10:30	1.16736	0.96	0.98
6/5/2010 10:45	1.137838	0.99	1.00
6/5/2010 11:00	1.110604	1.02	1.04
6/5/2010 11:15	1.09323	1.04	1.06
6/5/2010 11:30	1.075082	1.05	1.07
6/5/2010 11:45	1.052285	1.08	1.10
6/5/2010 12:00	1.023812	1.11	1.12
6/5/2010 12:15	0.986333	1.14	1.14
6/5/2010 12:30	0.952408	1.18	1.18
6/5/2010 12:45	0.927272	1.20	1.20
6/5/2010 13:00	0.913799	1.22	1.23
6/5/2010 13:15	0.911324	1.22	1.22
6/5/2010 13:30	0.9134	1.22	1.23
6/5/2010 13:45	0.908793	1.22	1.22
6/5/2010 14:00	0.904449	1.23	1.23
6/5/2010 14:15	0.912482	1.22	1.22
6/5/2010 14:30	0.914593	1.22	1.22
6/5/2010 14:45	0.921701	1.21	1.20
6/5/2010 15:00	0.944686	1.19	1.18
6/5/2010 15:15	0.959608	1.17	1.16
6/5/2010 15:30	0.990261	1.14	1.12
6/5/2010 15:45	1.02226	1.11	1.09
6/5/2010 16:00	1.048735	1.08	1.06
6/5/2010 16:15	1.083609	1.05	1.04
6/5/2010 16:30	1.109273	1.02	1.00
6/5/2010 16:45	1.149243	0.98	0.96
6/5/2010 17:00	1.175446	0.95	0.93

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/7/2010 15:01	2.318562	-0.21	-0.09
6/7/2010 15:16	2.301878	-0.19	-0.06
6/7/2010 15:31	2.28712	-0.18	-0.06
6/7/2010 15:46	2.272026	-0.16	-0.02
6/7/2010 16:01	2.260172	-0.15	-0.02
6/7/2010 16:16	2.251996	-0.14	0.00
6/7/2010 16:31	2.248618	-0.14	-0.01
6/7/2010 16:46	2.248635	-0.14	-0.01
6/7/2010 17:01	2.252333	-0.14	0.00
6/7/2010 17:16	2.260087	-0.15	-0.01
6/7/2010 17:31	2.270197	-0.16	-0.01
6/7/2010 17:46	2.278239	-0.17	-0.04
6/7/2010 18:01	2.285213	-0.18	-0.04
6/7/2010 18:16	2.289585	-0.18	-0.04
6/7/2010 18:31	2.291356	-0.18	-0.04
6/7/2010 18:46	2.30066	-0.19	-0.04
6/7/2010 19:01	2.312871	-0.20	-0.05
6/7/2010 19:16	2.327698	-0.22	-0.06
6/7/2010 19:31	2.341478	-0.23	-0.07
6/7/2010 19:46	2.355716	-0.25	-0.09
6/7/2010 20:01	2.367182	-0.26	-0.09
6/7/2010 20:16	2.377691	-0.27	-0.09
6/7/2010 20:31	2.386994	-0.28	-0.10
6/7/2010 20:46	2.392423	-0.28	-0.09
6/7/2010 21:01	2.393112	-0.28	-0.09
6/7/2010 21:16	2.390617	-0.28	-0.08
6/7/2010 21:31	2.387686	-0.28	-0.08
6/7/2010 21:46	2.382359	-0.27	-0.06
6/7/2010 22:01	2.375778	-0.27	-0.06
6/7/2010 22:16	2.364849	-0.25	-0.03
6/7/2010 22:31	2.352654	-0.24	-0.02
6/7/2010 22:46	2.336026	-0.23	0.00
6/7/2010 23:01	2.31194	-0.20	0.03
6/7/2010 23:16	2.283557	-0.17	0.06
6/7/2010 23:31	2.25098	-0.14	0.09
6/7/2010 23:46	2.213612	-0.10	0.14
6/8/2010 0:01	2.174031	-0.06	0.18
6/8/2010 0:16	2.136833	-0.03	0.20
6/8/2010 0:31	2.099393	0.01	0.24
6/8/2010 0:46	2.059144	0.05	0.29
6/8/2010 1:01	2.015285	0.09	0.33
6/8/2010 1:16	1.967104	0.14	0.38
6/8/2010 1:31	1.918985	0.19	0.44
6/8/2010 1:46	1.868492	0.24	0.49
6/8/2010 2:01	1.817113	0.29	0.56
6/8/2010 2:16	1.77081	0.34	0.61
6/8/2010 2:31	1.724713	0.39	0.66
6/8/2010 2:46	1.679279	0.43	0.70
6/8/2010 3:01	1.635563	0.47	0.75
6/8/2010 3:16	1.59227	0.52	0.80
6/8/2010 3:31	1.553218	0.56	0.84
6/8/2010 3:46	1.513866	0.60	0.89
6/8/2010 4:01	1.480075	0.63	0.92
6/8/2010 4:16	1.45172	0.66	0.95
6/8/2010 4:31	1.427524	0.68	0.98
6/8/2010 4:46	1.405592	0.70	1.00
6/8/2010 5:01	1.387638	0.72	1.02
6/8/2010 5:16	1.374257	0.74	1.04
6/8/2010 5:31	1.363189	0.75	1.06
6/8/2010 5:46	1.359163	0.75	1.07
6/8/2010 6:01	1.360159	0.75	1.08
6/8/2010 6:16	1.364556	0.75	1.09
6/8/2010 6:31	1.374789	0.74	1.08
6/8/2010 6:46	1.39022	0.72	1.07
6/8/2010 7:01	1.409682	0.70	1.05
6/8/2010 7:16	1.430664	0.68	1.04
6/8/2010 7:31	1.457177	0.65	1.01
6/8/2010 7:46	1.485393	0.62	0.99
6/8/2010 8:01	1.515278	0.59	0.96

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/5/2010 17:15	1.209515	0.92	0.89
6/5/2010 17:30	1.245354	0.88	0.84
6/5/2010 17:45	1.268793	0.86	0.82
6/5/2010 18:00	1.30309	0.83	0.80
6/5/2010 18:15	1.343108	0.79	0.76
6/5/2010 18:30	1.379625	0.75	0.72
6/5/2010 18:45	1.412149	0.72	0.69
6/5/2010 19:00	1.453387	0.68	0.66
6/5/2010 19:15	1.492425	0.64	0.61
6/5/2010 19:30	1.523811	0.61	0.59
6/5/2010 19:45	1.562568	0.57	0.55
6/5/2010 20:00	1.594685	0.54	0.52
6/5/2010 20:15	1.614975	0.52	0.51
6/5/2010 20:30	1.630179	0.50	0.48
6/5/2010 20:45	1.649886	0.48	0.46
6/5/2010 21:00	1.662066	0.47	0.46
6/5/2010 21:15	1.666402	0.46	0.44
6/5/2010 21:30	1.661928	0.47	0.45
6/5/2010 21:45	1.650963	0.48	0.46
6/5/2010 22:00	1.627413	0.50	0.48
6/5/2010 22:15	1.597798	0.53	0.51
6/5/2010 22:30	1.56655	0.56	0.54
6/5/2010 22:45	1.52609	0.60	0.58
6/5/2010 23:00	1.476924	0.65	0.63
6/5/2010 23:15	1.43202	0.70	0.67
6/5/2010 23:30	1.3902	0.74	0.71
6/5/2010 23:45	1.341416	0.79	0.76
6/6/2010 0:00	1.290818	0.84	0.80
6/6/2010 0:15	1.250663	0.88	0.83
6/6/2010 0:30	1.201683	0.93	0.87
6/6/2010 0:45	1.152879	0.98	0.92
6/6/2010 1:00	1.106579	1.02	0.95
6/6/2010 1:15	1.05036	1.08	1.00
6/6/2010 1:30	0.994196	1.14	1.05
6/6/2010 1:45	0.954957	1.18	1.08
6/6/2010 2:00	0.91783	1.21	1.09
6/6/2010 2:15	0.892478	1.24	1.11
6/6/2010 2:30	0.871431	1.26	1.12
6/6/2010 2:45	0.852493	1.28	1.13
6/6/2010 3:00	0.830164	1.30	1.15
6/6/2010 3:15	0.813278	1.32	1.16
6/6/2010 3:30	0.80053	1.33	1.18
6/6/2010 3:45	0.799898	1.33	1.19
6/6/2010 4:00	0.808029	1.32	1.18
6/6/2010 4:15	0.828318	1.30	1.16
6/6/2010 4:30	0.856182	1.27	1.14
6/6/2010 4:45	0.879315	1.25	1.11
6/6/2010 5:00	0.901077	1.23	1.08
6/6/2010 5:15	0.912639	1.22	1.07
6/6/2010 5:30	0.92891	1.20	1.04
6/6/2010 5:45	0.950197	1.18	1.02
6/6/2010 6:00	0.98521	1.14	0.98
6/6/2010 6:15	1.023028	1.11	0.95
6/6/2010 6:30	1.055305	1.07	0.91
6/6/2010 6:45	1.085178	1.04	0.87
6/6/2010 7:00	1.113774	1.02	0.85
6/6/2010 7:15	1.146458	0.98	0.80
6/6/2010 7:30	1.179691	0.95	0.77
6/6/2010 7:45	1.214191	0.92	0.73
6/6/2010 8:00	1.245731	0.88	0.71
6/6/2010 8:15	1.276694	0.85	0.66
6/6/2010 8:30	1.305545	0.82	0.63
6/6/2010 8:45	1.325177	0.80	0.59
6/6/2010 9:00	1.342047	0.79	0.58
6/6/2010 9:15	1.359378	0.77	0.55
6/6/2010 9:30	1.371701	0.76	0.52
6/6/2010 9:45	1.384053	0.75	0.51
6/6/2010 10:00	1.396021	0.73	0.48
6/6/2010 10:15	1.394615	0.74	0.48

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/8/2010 8:16	1.552316	0.56	0.93
6/8/2010 8:31	1.590024	0.52	0.91
6/8/2010 8:46	1.631221	0.48	0.88
6/8/2010 9:01	1.673506	0.44	0.84
6/8/2010 9:16	1.712457	0.40	0.81
6/8/2010 9:31	1.752111	0.36	0.77
6/8/2010 9:46	1.795688	0.31	0.71
6/8/2010 10:01	1.83939	0.27	0.67
6/8/2010 10:16	1.88727	0.22	0.62
6/8/2010 10:31	1.937438	0.17	0.57
6/8/2010 10:46	1.985631	0.12	0.52
6/8/2010 11:01	2.030471	0.08	0.47
6/8/2010 11:16	2.071178	0.04	0.44
6/8/2010 11:31	2.109792	0.00	0.39
6/8/2010 11:46	2.141848	-0.03	0.36
6/8/2010 12:01	2.171688	-0.06	0.31
6/8/2010 12:16	2.200548	-0.09	0.29
6/8/2010 12:31	2.226348	-0.12	0.26
6/8/2010 12:46	2.248989	-0.14	0.23
6/8/2010 13:01	2.265722	-0.16	0.21
6/8/2010 13:16	2.272485	-0.16	0.21
6/8/2010 13:31	2.273584	-0.16	0.20
6/8/2010 13:46	2.274358	-0.16	0.21
6/8/2010 14:01	2.269712	-0.16	0.21
6/8/2010 14:16	2.265744	-0.16	0.20
6/8/2010 14:31	2.260654	-0.15	0.21
6/8/2010 14:46	2.257566	-0.15	0.21
6/8/2010 15:01	2.249494	-0.14	0.22
6/8/2010 15:16	2.24112	-0.13	0.23
6/8/2010 15:31	2.232861	-0.12	0.24
6/8/2010 15:46	2.225505	-0.12	0.24
6/8/2010 16:01	2.214883	-0.10	0.26
6/8/2010 16:16	2.205634	-0.10	0.26
6/8/2010 16:31	2.196515	-0.09	0.28
6/8/2010 16:46	2.189755	-0.08	0.28
6/8/2010 17:01	2.185209	-0.08	0.29
6/8/2010 17:16	2.187475	-0.08	0.28
6/8/2010 17:31	2.192685	-0.08	0.28
6/8/2010 17:46	2.200387	-0.09	0.27
6/8/2010 18:01	2.209456	-0.10	0.25
6/8/2010 18:16	2.223847	-0.11	0.25
6/8/2010 18:31	2.241635	-0.13	0.23
6/8/2010 18:46	2.259272	-0.15	0.21
6/8/2010 19:01	2.282431	-0.17	0.19
6/8/2010 19:16	2.305739	-0.20	0.17
6/8/2010 19:31	2.327143	-0.22	0.16
6/8/2010 19:46	2.347517	-0.24	0.14
6/8/2010 20:01	2.367454	-0.26	0.12
6/8/2010 20:16	2.384329	-0.27	0.11
6/8/2010 20:31	2.402843	-0.29	0.09
6/8/2010 20:46	2.426714	-0.32	0.07
6/8/2010 21:01	2.447429	-0.34	0.05
6/8/2010 21:16	2.469795	-0.36	0.03
6/8/2010 21:31	2.490078	-0.38	0.02
6/8/2010 21:46	2.506521	-0.40	0.01
6/8/2010 22:01	2.522981	-0.41	0.00
6/8/2010 22:16	2.536376	-0.43	-0.01
6/8/2010 22:31	2.544116	-0.43	-0.02
6/8/2010 22:46	2.549847	-0.44	-0.02
6/8/2010 23:01	2.552126	-0.44	-0.03
6/8/2010 23:16	2.550152	-0.44	-0.02
6/8/2010 23:31	2.543708	-0.43	-0.02
6/8/2010 23:46	2.529661	-0.42	-0.01
6/9/2010 0:01	2.511431	-0.40	0.01
6/9/2010 0:16	2.485772	-0.38	0.03
6/9/2010 0:31	2.454993	-0.34	0.07
6/9/2010 0:46	2.417405	-0.31	0.11
6/9/2010 1:01	2.377887	-0.27	0.16
6/9/2010 1:16	2.334374	-0.22	0.19

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/6/2010 10:30	1.376139	0.75	0.48
6/6/2010 10:45	1.349387	0.78	0.51
6/6/2010 11:00	1.315231	0.81	0.54
6/6/2010 11:15	1.29258	0.84	0.57
6/6/2010 11:30	1.289645	0.84	0.57
6/6/2010 11:45	1.282858	0.85	0.57
6/6/2010 12:00	1.251691	0.88	0.60
6/6/2010 12:15	1.213698	0.92	0.62
6/6/2010 12:30	1.169496	0.96	0.65
6/6/2010 12:45	1.126892	1.00	0.67
6/6/2010 13:00	1.104377	1.03	0.70
6/6/2010 13:15	1.081846	1.05	0.72
6/6/2010 13:30	1.056535	1.07	0.76
6/6/2010 13:45	1.03537	1.09	0.78
6/6/2010 14:00	1.00137	1.13	0.82
6/6/2010 14:15	0.977343	1.15	0.82
6/6/2010 14:30	0.959574	1.17	0.86
6/6/2010 14:45	0.95225	1.18	0.87
6/6/2010 15:00	0.943316	1.19	0.90
6/6/2010 15:15	0.937317	1.19	0.90
6/6/2010 15:30	0.968331	1.16	0.87
6/6/2010 15:45	1.004379	1.13	0.84
6/6/2010 16:00	1.017728	1.11	0.82
6/6/2010 16:15	1.003905	1.13	0.84
6/6/2010 16:30	0.994291	1.14	0.85
6/6/2010 16:45	1.028747	1.10	0.80
6/6/2010 17:00	1.055079	1.07	0.79
6/6/2010 17:15	1.110003	1.02	0.75
6/6/2010 17:30	1.187192	0.94	0.67
6/6/2010 17:45	1.197204	0.93	0.66
6/6/2010 18:00	1.226516	0.90	0.63
6/6/2010 18:15	1.252319	0.88	0.61
6/6/2010 18:30	1.252909	0.88	0.62
6/6/2010 18:45	1.28554	0.84	0.60
6/6/2010 19:00	1.332293	0.80	0.57
6/6/2010 19:15	1.413572	0.72	0.50
6/6/2010 19:30	1.484584	0.65	0.44
6/6/2010 19:45	1.502755	0.63	0.44
6/6/2010 20:00	1.556202	0.57	0.38
6/6/2010 20:15	1.590876	0.54	0.37
6/6/2010 20:30	1.592947	0.54	0.37
6/6/2010 20:45	1.634661	0.50	0.35
6/6/2010 21:00	1.666498	0.46	0.32
6/6/2010 21:15	1.690792	0.44	0.31
6/6/2010 21:30	1.754746	0.38	0.26
6/6/2010 21:45	1.821533	0.31	0.22
6/6/2010 22:00	1.838127	0.29	0.21
6/6/2010 22:15	1.835078	0.29	0.22
6/6/2010 22:30	1.817824	0.31	0.26
6/6/2010 22:45	1.783046	0.35	0.31
6/6/2010 23:00	1.76941	0.36	0.32
6/6/2010 23:15	1.759788	0.37	0.34
6/6/2010 23:30	1.762438	0.37	0.34
6/6/2010 23:45	1.761094	0.37	0.34
6/7/2010 0:00	1.74455	0.39	0.37
6/7/2010 0:15	1.749377	0.38	0.35
6/7/2010 0:30	1.699224	0.43	0.41
6/7/2010 0:45	1.619439	0.51	0.50
6/7/2010 1:00	1.552807	0.58	0.57
6/7/2010 1:15	1.4925	0.64	0.63
6/7/2010 1:30	1.460798	0.67	0.67
6/7/2010 1:45	1.469506	0.66	0.66
6/7/2010 2:00	1.473885	0.66	0.67
6/7/2010 2:15	1.466435	0.66	0.66
6/7/2010 2:30	1.440127	0.69	0.70
6/7/2010 2:45	1.409022	0.72	0.74
6/7/2010 3:00	1.404403	0.73	0.76
6/7/2010 3:15	1.386742	0.74	0.77
6/7/2010 3:30	1.397975	0.73	0.76

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/9/2010 1:31	2.289734	-0.18	0.23
6/9/2010 1:46	2.239797	-0.13	0.28
6/9/2010 2:01	2.18357	-0.07	0.35
6/9/2010 2:16	2.124435	-0.01	0.41
6/9/2010 2:31	2.062094	0.05	0.46
6/9/2010 2:46	1.999505	0.11	0.52
6/9/2010 3:01	1.938913	0.17	0.57
6/9/2010 3:16	1.877903	0.23	0.63
6/9/2010 3:31	1.81599	0.29	0.67
6/9/2010 3:46	1.753765	0.36	0.74
6/9/2010 4:01	1.692242	0.42	0.81
6/9/2010 4:16	1.631238	0.48	0.87
6/9/2010 4:31	1.573138	0.54	0.93
6/9/2010 4:46	1.519282	0.59	0.99
6/9/2010 5:01	1.47331	0.64	1.03
6/9/2010 5:16	1.432344	0.68	1.07
6/9/2010 5:31	1.396796	0.71	1.11
6/9/2010 5:46	1.36333	0.75	1.14
6/9/2010 6:01	1.331816	0.78	1.17
6/9/2010 6:16	1.304801	0.81	1.20
6/9/2010 6:31	1.280418	0.83	1.22
6/9/2010 6:46	1.265735	0.84	1.24
6/9/2010 7:01	1.256127	0.85	1.25
6/9/2010 7:16	1.251693	0.86	1.25
6/9/2010 7:31	1.25429	0.86	1.25
6/9/2010 7:46	1.260747	0.85	1.24
6/9/2010 8:01	1.26937	0.84	1.23
6/9/2010 8:16	1.27961	0.83	1.21
6/9/2010 8:31	1.292567	0.82	1.20
6/9/2010 8:46	1.310056	0.80	1.18
6/9/2010 9:01	1.332281	0.78	1.15
6/9/2010 9:16	1.358782	0.75	1.12
6/9/2010 9:31	1.390624	0.72	1.09
6/9/2010 9:46	1.422045	0.69	1.05
6/9/2010 10:01	1.453321	0.66	1.02
6/9/2010 10:16	1.480595	0.63	0.98
6/9/2010 10:31	1.506665	0.60	0.94
6/9/2010 10:46	1.531151	0.58	0.91
6/9/2010 11:01	1.552628	0.56	0.88
6/9/2010 11:16	1.57351	0.54	0.85
6/9/2010 11:31	1.589905	0.52	0.82
6/9/2010 11:46	1.601368	0.51	0.80
6/9/2010 12:01	1.607389	0.50	0.79
6/9/2010 12:16	1.60443	0.51	0.79
6/9/2010 12:31	1.593688	0.52	0.80
6/9/2010 12:46	1.578071	0.53	0.81
6/9/2010 13:01	1.565291	0.54	0.81
6/9/2010 13:16	1.548277	0.56	0.83
6/9/2010 13:31	1.524622	0.59	0.84
6/9/2010 13:46	1.504967	0.61	0.84
6/9/2010 14:01	1.489244	0.62	0.83
6/9/2010 14:16	1.478415	0.63	0.85
6/9/2010 14:31	1.474978	0.64	0.86
6/9/2010 14:46	1.470519	0.64	0.83
6/9/2010 15:01	1.466649	0.64	0.82
6/9/2010 15:16	1.461578	0.65	0.82
6/9/2010 15:31	1.453009	0.66	0.82
6/9/2010 15:46	1.444654	0.67	0.82
6/9/2010 16:01	1.435104	0.67	0.82
6/9/2010 16:16	1.425016	0.68	0.83
6/9/2010 16:31	1.417263	0.69	0.83
6/9/2010 16:46	1.407923	0.70	0.83
6/9/2010 17:01	1.40083	0.71	0.83
6/9/2010 17:16	1.392502	0.72	0.83
6/9/2010 17:31	1.383817	0.73	0.83
6/9/2010 17:46	1.374223	0.74	0.84
6/9/2010 18:01	1.365406	0.74	0.81
6/9/2010 18:16	1.356332	0.75	0.81
6/9/2010 18:31	1.348427	0.76	0.83

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/7/2010 3:45	1.433558	0.70	0.74
6/7/2010 4:00	1.432478	0.70	0.75
6/7/2010 4:15	1.441798	0.69	0.74
6/7/2010 4:30	1.450219	0.68	0.73
6/7/2010 4:45	1.448877	0.68	0.74
6/7/2010 5:00	1.474101	0.66	0.72
6/7/2010 5:15	1.511035	0.62	0.70
6/7/2010 5:30	1.543431	0.59	0.67
6/7/2010 5:45	1.57348	0.56	0.65
6/7/2010 6:00	1.594189	0.54	0.62
6/7/2010 6:15	1.615311	0.51	0.60
6/7/2010 6:30	1.647764	0.48	0.57
6/7/2010 6:45	1.692998	0.44	0.56
6/7/2010 7:00	1.740991	0.39	0.51
6/7/2010 7:15	1.795177	0.33	0.46
6/7/2010 7:30	1.842621	0.29	0.42
6/7/2010 7:45	1.88218	0.25	0.39
6/7/2010 8:00	1.922202	0.21	0.36
6/7/2010 8:15	1.953048	0.18	0.33
6/7/2010 8:30	1.988327	0.14	0.30
6/7/2010 8:45	2.039545	0.09	0.26
6/7/2010 9:00	2.09297	0.04	0.22
6/7/2010 9:15	2.148666	-0.02	0.16
6/7/2010 9:30	2.194141	-0.06	0.11
6/7/2010 9:45	2.23144	-0.10	0.08
6/7/2010 10:00	2.250855	-0.12	0.05
6/7/2010 10:15	2.257283	-0.13	0.04
6/7/2010 10:30	2.273846	-0.14	0.03
6/7/2010 10:45	2.287054	-0.16	0.00
6/7/2010 11:00	2.295756	-0.17	-0.01
6/7/2010 11:15	2.306786	-0.18	-0.02
6/7/2010 11:30	2.309079	-0.18	-0.01
6/7/2010 11:45	2.302372	-0.17	-0.01
6/7/2010 12:00	2.290384	-0.16	0.01
6/7/2010 12:15	2.268899	-0.14	0.03
6/7/2010 12:30	2.243606	-0.11	0.06
6/7/2010 12:45	2.222243	-0.09	0.07
6/7/2010 13:00	2.186146	-0.06	0.10
6/7/2010 13:15	2.149846	-0.02	0.14
6/7/2010 13:30	2.118649	0.01	0.17
6/7/2010 13:45	2.090229	0.04	0.20
6/7/2010 14:00	2.064244	0.07	0.23
6/7/2010 14:15	2.057919	0.07	0.23
6/7/2010 14:30	2.048331	0.08	0.24
6/7/2010 14:45	2.033624	0.10	0.26
6/7/2010 15:00	2.014351	0.12	0.28
6/7/2010 15:15	2.00373	0.13	0.30
6/7/2010 15:30	1.988509	0.14	0.30
6/7/2010 15:45	1.981144	0.15	0.33
6/7/2010 16:00	1.984341	0.15	0.32
6/7/2010 16:15	1.992299	0.14	0.32
6/7/2010 16:30	2.004159	0.13	0.30
6/7/2010 16:45	2.016202	0.11	0.28
6/7/2010 17:00	2.031058	0.10	0.28
6/7/2010 17:15	2.051815	0.08	0.26
6/7/2010 17:30	2.058547	0.07	0.26
6/7/2010 17:45	2.061826	0.07	0.24
6/7/2010 18:00	2.064549	0.07	0.25
6/7/2010 18:15	2.056371	0.07	0.25
6/7/2010 18:30	2.062374	0.07	0.25
6/7/2010 18:45	2.092731	0.04	0.23
6/7/2010 19:00	2.117248	0.01	0.20
6/7/2010 19:15	2.12974	0.00	0.20
6/7/2010 19:30	2.144134	-0.01	0.19
6/7/2010 19:45	2.159671	-0.03	0.17
6/7/2010 20:00	2.167038	-0.04	0.17
6/7/2010 20:15	2.167159	-0.04	0.18
6/7/2010 20:30	2.16879	-0.04	0.18
6/7/2010 20:45	2.16498	-0.03	0.20

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/9/2010 18:46	1.339526	0.77	0.82
6/9/2010 19:01	1.3335	0.78	0.84
6/9/2010 19:16	1.326819	0.78	0.84
6/9/2010 19:31	1.319798	0.79	0.83
6/9/2010 19:46	1.316703	0.79	0.83
6/9/2010 20:01	1.30885	0.80	0.84
6/9/2010 20:16	1.304283	0.81	0.84
6/9/2010 20:31	1.301195	0.81	0.84
6/9/2010 20:46	1.297626	0.81	0.84
6/9/2010 21:01	1.296101	0.81	0.83
6/9/2010 21:16	1.292518	0.82	0.84
6/9/2010 21:31	1.288939	0.82	0.84
6/9/2010 21:46	1.286842	0.82	0.84
6/9/2010 22:01	1.283902	0.83	0.86
6/9/2010 22:16	1.281912	0.83	0.86
6/9/2010 22:31	1.281476	0.83	0.86
6/9/2010 22:46	1.281721	0.83	0.86
6/9/2010 23:01	1.280528	0.83	0.86
6/9/2010 23:16	1.278488	0.83	0.86
6/9/2010 23:31	1.279379	0.83	0.85
6/9/2010 23:46	1.27813	0.83	0.86
6/10/2010 0:01	1.277493	0.83	0.86
6/10/2010 0:16	1.278609	0.83	0.86
6/10/2010 0:31	1.278051	0.83	0.86
6/10/2010 0:46	1.276515	0.83	0.86
6/10/2010 1:01	1.277297	0.83	0.85
6/10/2010 1:16	1.274097	0.84	0.86
6/10/2010 1:31	1.273062	0.84	0.87
6/10/2010 1:46	1.271502	0.84	0.86
6/10/2010 2:01	1.271241	0.84	0.87
6/10/2010 2:16	1.267729	0.84	0.87
6/10/2010 2:31	1.266799	0.84	0.88
6/10/2010 2:46	1.263743	0.85	0.89
6/10/2010 3:01	1.264972	0.85	0.88
6/10/2010 3:16	1.260173	0.85	0.90
6/10/2010 3:31	1.257505	0.85	0.90
6/10/2010 3:46	1.255242	0.85	0.91
6/10/2010 4:01	1.252455	0.86	0.90
6/10/2010 4:16	1.251509	0.86	0.91
6/10/2010 4:31	1.250448	0.86	0.91
6/10/2010 4:46	1.249044	0.86	0.91
6/10/2010 5:01	1.248953	0.86	0.91
6/10/2010 5:16	1.247572	0.86	0.92
6/10/2010 5:31	1.247231	0.86	0.93
6/10/2010 5:46	1.246341	0.86	0.93
6/10/2010 6:01	1.246047	0.86	0.93
6/10/2010 6:16	1.245782	0.86	0.93
6/10/2010 6:31	1.245784	0.86	0.93
6/10/2010 6:46	1.247389	0.86	0.94
6/10/2010 7:01	1.249194	0.86	0.94
6/10/2010 7:16	1.2495	0.86	0.96
6/10/2010 7:31	1.250577	0.86	0.96
6/10/2010 7:46	1.25203	0.86	0.97
6/10/2010 8:01	1.253742	0.86	0.97
6/10/2010 8:16	1.256913	0.85	0.96
6/10/2010 8:31	1.2592	0.85	0.96
6/10/2010 8:46	1.2617	0.85	0.96
6/10/2010 9:01	1.265674	0.84	0.95
6/10/2010 9:16	1.269453	0.84	0.95
6/10/2010 9:31	1.272978	0.84	0.95
6/10/2010 9:46	1.276753	0.83	0.94
6/10/2010 10:01	1.281448	0.83	0.93
6/10/2010 10:16	1.285373	0.82	0.92
6/10/2010 10:31	1.289882	0.82	0.92
6/10/2010 10:46	1.294592	0.82	0.92
6/10/2010 11:01	1.297564	0.81	0.91
6/10/2010 11:16	1.326228	0.78	0.86
6/10/2010 11:31	1.385233	0.72	0.80
6/10/2010 11:46	1.442353	0.67	0.75

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/7/2010 21:00	2.148772	-0.02	0.21
6/7/2010 21:15	2.142565	-0.01	0.23
6/7/2010 21:30	2.137411	-0.01	0.23
6/7/2010 21:45	2.126056	0.00	0.25
6/7/2010 22:00	2.112789	0.02	0.27
6/7/2010 22:15	2.085344	0.04	0.30
6/7/2010 22:30	2.068558	0.06	0.32
6/7/2010 22:45	2.043186	0.09	0.36
6/7/2010 23:00	1.996266	0.13	0.40
6/7/2010 23:15	1.951702	0.18	0.45
6/7/2010 23:30	1.903727	0.23	0.50
6/7/2010 23:45	1.85231	0.28	0.56
6/8/2010 0:00	1.817939	0.31	0.59
6/8/2010 0:15	1.780342	0.35	0.62
6/8/2010 0:30	1.739974	0.39	0.66
6/8/2010 0:45	1.693928	0.44	0.72
6/8/2010 1:00	1.635048	0.49	0.77
6/8/2010 1:15	1.579077	0.55	0.83
6/8/2010 1:30	1.522427	0.61	0.90
6/8/2010 1:45	1.472541	0.66	0.95
6/8/2010 2:00	1.42629	0.70	1.00
6/8/2010 2:15	1.383341	0.75	1.05
6/8/2010 2:30	1.341979	0.79	1.09
6/8/2010 2:45	1.300901	0.83	1.13
6/8/2010 3:00	1.258294	0.87	1.19
6/8/2010 3:15	1.217399	0.91	1.23
6/8/2010 3:30	1.185008	0.94	1.26
6/8/2010 3:45	1.156997	0.97	1.30
6/8/2010 4:00	1.136727	0.99	1.32
6/8/2010 4:15	1.123794	1.01	1.34
6/8/2010 4:30	1.10582	1.02	1.36
6/8/2010 4:45	1.098561	1.03	1.37
6/8/2010 5:00	1.092211	1.04	1.38
6/8/2010 5:15	1.086762	1.04	1.38
6/8/2010 5:30	1.090747	1.04	1.39
6/8/2010 5:45	1.102442	1.03	1.39
6/8/2010 6:00	1.119009	1.01	1.38
6/8/2010 6:15	1.13968	0.99	1.37
6/8/2010 6:30	1.162914	0.97	1.35
6/8/2010 6:45	1.195264	0.93	1.32
6/8/2010 7:00	1.220638	0.91	1.30
6/8/2010 7:15	1.252599	0.88	1.28
6/8/2010 7:30	1.297254	0.83	1.23
6/8/2010 7:45	1.325499	0.80	1.21
6/8/2010 8:00	1.369569	0.76	1.17
6/8/2010 8:15	1.423483	0.71	1.12
6/8/2010 8:30	1.462714	0.67	1.10
6/8/2010 8:45	1.512665	0.62	1.06
6/8/2010 9:00	1.556649	0.57	1.01
6/8/2010 9:15	1.591995	0.54	0.99
6/8/2010 9:30	1.640991	0.49	0.94
6/8/2010 9:45	1.697105	0.43	0.87
6/8/2010 10:00	1.749363	0.38	0.82
6/8/2010 10:15	1.812979	0.32	0.76
6/8/2010 10:30	1.867954	0.26	0.70
6/8/2010 10:45	1.910561	0.22	0.66
6/8/2010 11:00	1.937905	0.19	0.62
6/8/2010 11:15	1.963222	0.17	0.61
6/8/2010 11:30	1.987248	0.14	0.57
6/8/2010 11:45	2.006556	0.12	0.55
6/8/2010 12:00	2.027108	0.10	0.51
6/8/2010 12:15	2.05026	0.08	0.50
6/8/2010 12:30	2.063043	0.07	0.49
6/8/2010 12:45	2.075636	0.05	0.46
6/8/2010 13:00	2.063817	0.07	0.48
6/8/2010 13:15	2.037218	0.09	0.50
6/8/2010 13:30	2.036817	0.09	0.49
6/8/2010 13:45	2.028856	0.10	0.51
6/8/2010 14:00	2.012093	0.12	0.53

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/10/2010 12:01	1.499047	0.61	0.69
6/10/2010 12:16	1.558394	0.55	0.62
6/10/2010 12:31	1.619875	0.49	0.57
6/10/2010 12:46	1.68114	0.43	0.51
6/10/2010 13:01	1.740484	0.37	0.43
6/10/2010 13:16	1.796422	0.31	0.38
6/10/2010 13:31	1.846161	0.26	0.32
6/10/2010 13:46	1.896253	0.21	0.26
6/10/2010 14:01	1.993533	0.12	0.17
6/10/2010 14:16	2.058118	0.05	0.10
6/10/2010 14:31	2.092371	0.02	0.07
6/10/2010 14:46	2.107424	0.00	0.05
6/10/2010 15:01	2.110124	0.00	0.05
6/10/2010 15:16	2.113539	0.00	0.04
6/10/2010 15:31	2.105848	0.00	0.04
6/10/2010 15:46	2.087521	0.02	0.06
6/10/2010 16:01	2.062906	0.05	0.10
6/10/2010 16:16	2.039276	0.07	0.12
6/10/2010 16:31	2.022126	0.09	0.14
6/10/2010 16:46	2.012679	0.10	0.14
6/10/2010 17:01	2.003975	0.11	0.15
6/10/2010 17:16	2.000288	0.11	0.16
6/10/2010 17:31	1.996912	0.11	0.16
6/10/2010 17:46	1.996935	0.11	0.16
6/10/2010 18:01	1.99485	0.12	0.17
6/10/2010 18:16	1.991056	0.12	0.17
6/10/2010 18:31	1.991874	0.12	0.17
6/10/2010 18:46	1.998001	0.11	0.17
6/10/2010 19:01	1.998924	0.11	0.18
6/10/2010 19:16	2.012727	0.10	0.17
6/10/2010 19:31	2.036565	0.07	0.15
6/10/2010 19:46	2.059893	0.05	0.15
6/10/2010 20:01	2.08547	0.02	0.12
6/10/2010 20:16	2.103232	0.01	0.11
6/10/2010 20:31	2.121764	-0.01	0.10
6/10/2010 20:46	2.140749	-0.03	0.09
6/10/2010 21:01	2.155977	-0.05	0.08
6/10/2010 21:16	2.179402	-0.07	0.07
6/10/2010 21:31	2.204418	-0.09	0.06
6/10/2010 21:46	2.232255	-0.12	0.04
6/10/2010 22:01	2.260123	-0.15	0.02
6/10/2010 22:16	2.280625	-0.17	0.01
6/10/2010 22:31	2.299389	-0.19	0.00
6/10/2010 22:46	2.312848	-0.20	0.00
6/10/2010 23:01	2.320454	-0.21	-0.01
6/10/2010 23:16	2.331947	-0.22	-0.02
6/10/2010 23:31	2.341987	-0.23	-0.03
6/10/2010 23:46	2.345318	-0.24	-0.04
6/11/2010 0:01	2.349791	-0.24	-0.03
6/11/2010 0:16	2.346416	-0.24	-0.02
6/11/2010 0:31	2.334973	-0.22	0.00
6/11/2010 0:46	2.316716	-0.21	0.03
6/11/2010 1:01	2.279961	-0.17	0.06
6/11/2010 1:16	2.231831	-0.12	0.12
6/11/2010 1:31	2.17645	-0.07	0.17
6/11/2010 1:46	2.121991	-0.01	0.23
6/11/2010 2:01	2.077066	0.03	0.28
6/11/2010 2:16	2.040401	0.07	0.34
6/11/2010 2:31	1.990943	0.12	0.39
6/11/2010 2:46	1.918464	0.19	0.47
6/11/2010 3:01	1.831944	0.28	0.56
6/11/2010 3:16	1.740819	0.37	0.65
6/11/2010 3:31	1.652332	0.46	0.75
6/11/2010 3:46	1.57611	0.53	0.82
6/11/2010 4:01	1.517126	0.59	0.88
6/11/2010 4:16	1.464238	0.65	0.94
6/11/2010 4:31	1.410355	0.70	1.00
6/11/2010 4:46	1.354274	0.76	1.06
6/11/2010 5:01	1.289268	0.82	1.12

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/8/2010 14:15	2.005462	0.12	0.52
6/8/2010 14:30	2.006074	0.12	0.52
6/8/2010 14:45	1.999554	0.13	0.53
6/8/2010 15:00	1.978698	0.15	0.55
6/8/2010 15:15	1.968696	0.16	0.56
6/8/2010 15:30	1.967633	0.16	0.56
6/8/2010 15:45	1.959251	0.17	0.57
6/8/2010 16:00	1.944969	0.19	0.59
6/8/2010 16:15	1.939101	0.19	0.59
6/8/2010 16:30	1.931861	0.20	0.61
6/8/2010 16:45	1.931478	0.20	0.60
6/8/2010 17:00	1.943594	0.19	0.60
6/8/2010 17:15	1.959065	0.17	0.57
6/8/2010 17:30	1.973861	0.16	0.56
6/8/2010 17:45	1.979776	0.15	0.55
6/8/2010 18:00	1.999816	0.13	0.52
6/8/2010 18:15	2.028402	0.10	0.50
6/8/2010 18:30	2.052487	0.08	0.48
6/8/2010 18:45	2.071933	0.06	0.46
6/8/2010 19:00	2.111491	0.02	0.42
6/8/2010 19:15	2.136479	-0.01	0.40
6/8/2010 19:30	2.14283	-0.01	0.41
6/8/2010 19:45	2.165009	-0.04	0.38
6/8/2010 20:00	2.183546	-0.05	0.37
6/8/2010 20:15	2.189915	-0.06	0.36
6/8/2010 20:30	2.221843	-0.09	0.33
6/8/2010 20:45	2.249747	-0.12	0.31
6/8/2010 21:00	2.269276	-0.14	0.29
6/8/2010 21:15	2.293251	-0.16	0.27
6/8/2010 21:30	2.305608	-0.18	0.26
6/8/2010 21:45	2.312876	-0.18	0.27
6/8/2010 22:00	2.333493	-0.20	0.25
6/8/2010 22:15	2.326959	-0.20	0.26
6/8/2010 22:30	2.324658	-0.19	0.26
6/8/2010 22:45	2.329229	-0.20	0.26
6/8/2010 23:00	2.312483	-0.18	0.27
6/8/2010 23:15	2.299757	-0.17	0.29
6/8/2010 23:30	2.280887	-0.15	0.30
6/8/2010 23:45	2.248319	-0.12	0.33
6/9/2010 0:00	2.213783	-0.08	0.37
6/9/2010 0:15	2.173171	-0.04	0.41
6/9/2010 0:30	2.118735	0.01	0.46
6/9/2010 0:45	2.07366	0.06	0.52
6/9/2010 1:00	2.02395	0.11	0.58
6/9/2010 1:15	1.969581	0.16	0.61
6/9/2010 1:30	1.919422	0.21	0.66
6/9/2010 1:45	1.857728	0.27	0.72
6/9/2010 2:00	1.781118	0.35	0.81
6/9/2010 2:15	1.711816	0.42	0.88
6/9/2010 2:30	1.641702	0.49	0.94
6/9/2010 2:45	1.585773	0.54	0.99
6/9/2010 3:00	1.529267	0.60	1.04
6/9/2010 3:15	1.462922	0.67	1.11
6/9/2010 3:30	1.400758	0.73	1.15
6/9/2010 3:45	1.336174	0.79	1.21
6/9/2010 4:00	1.272075	0.86	1.29
6/9/2010 4:15	1.215729	0.91	1.34
6/9/2010 4:30	1.166565	0.96	1.39
6/9/2010 4:45	1.127723	1.00	1.44
6/9/2010 5:00	1.102787	1.03	1.46
6/9/2010 5:15	1.078673	1.05	1.48
6/9/2010 5:30	1.051977	1.08	1.52
6/9/2010 5:45	1.022423	1.11	1.54
6/9/2010 6:00	0.996947	1.13	1.56
6/9/2010 6:15	0.981995	1.15	1.58
6/9/2010 6:30	0.974428	1.16	1.59
6/9/2010 6:45	0.978689	1.15	1.59
6/9/2010 7:00	0.985252	1.14	1.58
6/9/2010 7:15	0.998471	1.13	1.56

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/11/2010 5:16	1.21506	0.89	1.21
6/11/2010 5:31	1.16041	0.95	1.28
6/11/2010 5:46	1.113462	1.00	1.33
6/11/2010 6:01	1.072755	1.04	1.38
6/11/2010 6:16	1.035232	1.07	1.42
6/11/2010 6:31	0.998151	1.11	1.47
6/11/2010 6:46	0.966415	1.14	1.50
6/11/2010 7:01	0.941081	1.17	1.54
6/11/2010 7:16	0.924713	1.19	1.56
6/11/2010 7:31	0.928171	1.18	1.56
6/11/2010 7:46	0.941031	1.17	1.56
6/11/2010 8:01	0.958583	1.15	1.54
6/11/2010 8:16	0.979019	1.13	1.52
6/11/2010 8:31	0.990923	1.12	1.52
6/11/2010 8:46	1.004496	1.11	1.52
6/11/2010 9:01	1.030011	1.08	1.50
6/11/2010 9:16	1.058165	1.05	1.48
6/11/2010 9:31	1.093418	1.02	1.45
6/11/2010 9:46	1.133124	0.98	1.41
6/11/2010 10:01	1.174631	0.94	1.37
6/11/2010 10:16	1.21893	0.89	1.31
6/11/2010 10:31	1.263657	0.85	1.27
6/11/2010 10:46	1.305215	0.80	1.23
6/11/2010 11:01	1.348899	0.76	1.21
6/11/2010 11:16	1.393464	0.72	1.17
6/11/2010 11:31	1.443315	0.67	1.12
6/11/2010 11:46	1.497398	0.61	1.06
6/11/2010 12:01	1.546597	0.56	0.99
6/11/2010 12:16	1.594745	0.52	0.94
6/11/2010 12:31	1.640252	0.47	0.90
6/11/2010 12:46	1.684971	0.43	0.86
6/11/2010 13:01	1.73053	0.38	0.81
6/11/2010 13:16	1.774003	0.34	0.76
6/11/2010 13:31	1.819811	0.29	0.71
6/11/2010 13:46	1.855316	0.25	0.67
6/11/2010 14:01	1.889832	0.22	0.64
6/11/2010 14:16	1.917012	0.19	0.61
6/11/2010 14:31	1.931618	0.18	0.60
6/11/2010 14:46	1.934109	0.18	0.60
6/11/2010 15:01	1.929679	0.18	0.61
6/11/2010 15:16	1.91764	0.19	0.60
6/11/2010 15:31	1.898097	0.21	0.61
6/11/2010 15:46	1.872762	0.24	0.63
6/11/2010 16:01	1.851415	0.26	0.64
6/11/2010 16:16	1.825736	0.28	0.66
6/11/2010 16:31	1.795654	0.31	0.70
6/11/2010 16:46	1.765932	0.34	0.73
6/11/2010 17:01	1.726286	0.38	0.77
6/11/2010 17:16	1.678628	0.43	0.81
6/11/2010 17:31	1.629739	0.48	0.86
6/11/2010 17:46	1.580034	0.53	0.91
6/11/2010 18:01	1.541933	0.57	0.95
6/11/2010 18:16	1.513864	0.60	0.98
6/11/2010 18:31	1.493561	0.62	1.00
6/11/2010 18:46	1.478937	0.63	1.01
6/11/2010 19:01	1.458917	0.65	1.03
6/11/2010 19:16	1.439023	0.67	1.06
6/11/2010 19:31	1.429024	0.68	1.07
6/11/2010 19:46	1.419348	0.69	1.08
6/11/2010 20:01	1.421051	0.69	1.09
6/11/2010 20:16	1.433726	0.68	1.07
6/11/2010 20:31	1.453786	0.66	1.06
6/11/2010 20:46	1.483688	0.63	1.03
6/11/2010 21:01	1.510224	0.60	1.00
6/11/2010 21:16	1.542449	0.57	0.97
6/11/2010 21:31	1.572017	0.54	0.94
6/11/2010 21:46	1.598126	0.51	0.93
6/11/2010 22:01	1.632846	0.48	0.90
6/11/2010 22:16	1.666175	0.44	0.86

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/9/2010 7:30	1.015211	1.11	1.54
6/9/2010 7:45	1.030326	1.10	1.53
6/9/2010 8:00	1.047792	1.08	1.51
6/9/2010 8:15	1.063588	1.07	1.49
6/9/2010 8:30	1.086315	1.04	1.46
6/9/2010 8:45	1.113859	1.02	1.44
6/9/2010 9:00	1.153175	0.98	1.39
6/9/2010 9:15	1.19575	0.93	1.34
6/9/2010 9:30	1.236676	0.89	1.30
6/9/2010 9:45	1.272657	0.86	1.26
6/9/2010 10:00	1.29651	0.83	1.23
6/9/2010 10:15	1.311791	0.82	1.21
6/9/2010 10:30	1.333095	0.80	1.18
6/9/2010 10:45	1.356015	0.77	1.14
6/9/2010 11:00	1.370946	0.76	1.12
6/9/2010 11:15	1.389667	0.74	1.09
6/9/2010 11:30	1.393514	0.74	1.08
6/9/2010 11:45	1.386754	0.74	1.07
6/9/2010 12:00	1.368256	0.76	1.09
6/9/2010 12:15	1.345364	0.78	1.10
6/9/2010 12:30	1.306296	0.82	1.14
6/9/2010 12:45	1.285815	0.84	1.16
6/9/2010 13:00	1.28182	0.85	1.15
6/9/2010 13:15	1.245166	0.88	1.18
6/9/2010 13:30	1.195549	0.93	1.22
6/9/2010 13:45	1.161063	0.97	1.24
6/9/2010 14:00	1.1075	1.02	1.27
6/9/2010 14:15	1.077463	1.05	1.31
6/9/2010 14:30	1.06279	1.07	1.33
6/9/2010 14:45	1.05492	1.08	1.31
6/9/2010 15:00	1.036698	1.09	1.31
6/9/2010 15:15	0.982828	1.15	1.36
6/9/2010 15:30	0.904691	1.23	1.43
6/9/2010 15:45	0.816453	1.31	1.50
6/9/2010 16:00	0.747673	1.38	1.57
6/9/2010 16:15	0.707503	1.42	1.61
6/9/2010 16:30	0.683653	1.45	1.63
6/9/2010 16:45	0.656472	1.47	1.64
6/9/2010 17:00	0.642021	1.49	1.65
6/9/2010 17:15	0.642751	1.49	1.64
6/9/2010 17:30	0.615469	1.51	1.65
6/9/2010 17:45	0.591755	1.54	1.68
6/9/2010 18:00	0.560521	1.57	1.69
6/9/2010 18:15	0.53874	1.59	1.70
6/9/2010 18:30	0.543826	1.59	1.71
6/9/2010 18:45	0.559385	1.57	1.66
6/9/2010 19:00	0.586425	1.54	1.65
6/9/2010 19:15	0.600019	1.53	1.64
6/9/2010 19:30	0.614038	1.52	1.60
6/9/2010 19:45	0.630727	1.50	1.58
6/9/2010 20:00	0.625884	1.50	1.58
6/9/2010 20:15	0.636853	1.49	1.56
6/9/2010 20:30	0.648919	1.48	1.55
6/9/2010 20:45	0.671098	1.46	1.53
6/9/2010 21:00	0.698081	1.43	1.49
6/9/2010 21:15	0.72026	1.41	1.47
6/9/2010 21:30	0.727281	1.40	1.46
6/9/2010 21:45	0.730416	1.40	1.46
6/9/2010 22:00	0.747287	1.38	1.45
6/9/2010 22:15	0.778787	1.35	1.42
6/9/2010 22:30	0.816961	1.31	1.38
6/9/2010 22:45	0.851619	1.28	1.35
6/9/2010 23:00	0.868567	1.26	1.33
6/9/2010 23:15	0.873046	1.26	1.33
6/9/2010 23:30	0.879151	1.25	1.31
6/9/2010 23:45	0.893213	1.24	1.31
6/10/2010 0:00	0.908368	1.22	1.29
6/10/2010 0:15	0.92618	1.20	1.27
6/10/2010 0:30	0.931915	1.20	1.27

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/11/2010 22:31	1.695752	0.41	0.83
6/11/2010 22:46	1.719876	0.39	0.81
6/11/2010 23:01	1.741174	0.37	0.79
6/11/2010 23:16	1.763813	0.35	0.76
6/11/2010 23:31	1.786681	0.32	0.74
6/11/2010 23:46	1.809217	0.30	0.71
6/12/2010 0:01	1.82991	0.28	0.69
6/12/2010 0:16	1.850299	0.26	0.67
6/12/2010 0:31	1.869808	0.24	0.64
6/12/2010 0:46	1.889374	0.22	0.62
6/12/2010 1:01	1.900575	0.21	0.61
6/12/2010 1:16	1.897084	0.21	0.61
6/12/2010 1:31	1.869456	0.24	0.64
6/12/2010 1:46	1.838368	0.27	0.67
6/12/2010 2:01	1.803364	0.31	0.71
6/12/2010 2:16	1.772011	0.34	0.73
6/12/2010 2:31	1.745737	0.36	0.75
6/12/2010 2:46	1.715045	0.39	0.77
6/12/2010 3:01	1.674392	0.44	0.82
6/12/2010 3:16	1.620479	0.49	0.89
6/12/2010 3:31	1.552281	0.56	0.94
6/12/2010 3:46	1.48212	0.63	1.02
6/12/2010 4:01	1.413434	0.70	1.09
6/12/2010 4:16	1.344476	0.77	1.15
6/12/2010 4:31	1.281879	0.83	1.22
6/12/2010 4:46	1.215982	0.89	1.27
6/12/2010 5:01	1.149637	0.96	1.34
6/12/2010 5:16	1.081892	1.03	1.42
6/12/2010 5:31	1.020225	1.09	1.48
6/12/2010 5:46	0.964406	1.15	1.54
6/12/2010 6:01	0.905605	1.20	1.60
6/12/2010 6:16	0.850858	1.26	1.66
6/12/2010 6:31	0.795235	1.31	1.70
6/12/2010 6:46	0.745092	1.36	1.75
6/12/2010 7:01	0.70746	1.40	1.79
6/12/2010 7:16	0.67103	1.44	1.83
6/12/2010 7:31	0.64521	1.46	1.85
6/12/2010 7:46	0.623714	1.49	1.88
6/12/2010 8:01	0.612629	1.50	1.90
6/12/2010 8:16	0.603945	1.51	1.90
6/12/2010 8:31	0.604168	1.51	1.89
6/12/2010 8:46	0.613703	1.50	1.88
6/12/2010 9:01	0.62695	1.48	1.87
6/12/2010 9:16	0.650365	1.46	1.85
6/12/2010 9:31	0.67659	1.43	1.82
6/12/2010 9:46	0.70342	1.41	1.79
6/12/2010 10:01	0.725866	1.38	1.76
6/12/2010 10:16	0.748226	1.36	1.73
6/12/2010 10:31	0.774813	1.34	1.71
6/12/2010 10:46	0.812171	1.30	1.66
6/12/2010 11:01	0.858592	1.25	1.61
6/12/2010 11:16	0.905409	1.20	1.56
6/12/2010 11:31	0.954604	1.16	1.52
6/12/2010 11:46	0.996076	1.11	1.46
6/12/2010 12:01	1.036326	1.07	1.41
6/12/2010 12:16	1.081646	1.03	1.37
6/12/2010 12:31	1.126478	0.98	1.31
6/12/2010 12:46	1.170364	0.94	1.26
6/12/2010 13:01	1.221787	0.89	1.20
6/12/2010 13:16	1.264961	0.85	1.14
6/12/2010 13:31	1.309039	0.80	1.09
6/12/2010 13:46	1.347412	0.76	1.05
6/12/2010 14:01	1.383418	0.73	1.01
6/12/2010 14:16	1.420534	0.69	0.96
6/12/2010 14:31	1.453609	0.66	0.93
6/12/2010 14:46	1.47586	0.63	0.87
6/12/2010 15:01	1.485844	0.62	0.86
6/12/2010 15:16	1.484363	0.63	0.87
6/12/2010 15:31	1.471092	0.64	0.87

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/10/2010 0:45	0.917345	1.21	1.28
6/10/2010 1:00	0.902814	1.23	1.29
6/10/2010 1:15	0.882201	1.25	1.31
6/10/2010 1:30	0.862782	1.27	1.34
6/10/2010 1:45	0.849034	1.28	1.34
6/10/2010 2:00	0.827097	1.30	1.37
6/10/2010 2:15	0.806323	1.32	1.39
6/10/2010 2:30	0.77541	1.35	1.43
6/10/2010 2:45	0.748429	1.38	1.46
6/10/2010 3:00	0.719774	1.41	1.48
6/10/2010 3:15	0.685732	1.44	1.53
6/10/2010 3:30	0.653273	1.48	1.57
6/10/2010 3:45	0.610604	1.52	1.63
6/10/2010 4:00	0.578081	1.55	1.63
6/10/2010 4:15	0.555534	1.57	1.66
6/10/2010 4:30	0.531418	1.60	1.69
6/10/2010 4:45	0.504988	1.63	1.72
6/10/2010 5:00	0.490603	1.64	1.73
6/10/2010 5:15	0.479553	1.65	1.76
6/10/2010 5:30	0.463107	1.67	1.79
6/10/2010 5:45	0.462357	1.67	1.79
6/10/2010 6:00	0.458554	1.67	1.79
6/10/2010 6:15	0.458613	1.67	1.79
6/10/2010 6:30	0.477051	1.65	1.77
6/10/2010 6:45	0.503914	1.63	1.76
6/10/2010 7:00	0.53773	1.59	1.72
6/10/2010 7:15	0.563531	1.57	1.71
6/10/2010 7:30	0.590984	1.54	1.68
6/10/2010 7:45	0.617599	1.51	1.66
6/10/2010 8:00	0.658054	1.47	1.62
6/10/2010 8:15	0.705934	1.42	1.57
6/10/2010 8:30	0.757541	1.37	1.52
6/10/2010 8:45	0.803386	1.33	1.48
6/10/2010 9:00	0.838492	1.29	1.44
6/10/2010 9:15	0.876077	1.25	1.40
6/10/2010 9:30	0.918546	1.21	1.36
6/10/2010 9:45	0.967184	1.16	1.31
6/10/2010 10:00	1.023934	1.11	1.25
6/10/2010 10:15	1.08521	1.04	1.18
6/10/2010 10:30	1.14455	0.99	1.13
6/10/2010 10:45	1.203241	0.93	1.07
6/10/2010 11:00	1.25676	0.87	1.01
6/10/2010 11:15	1.310813	0.82	0.95
6/10/2010 11:30	1.369579	0.76	0.89
6/10/2010 11:45	1.432568	0.70	0.83
6/10/2010 12:00	1.498076	0.63	0.76
6/10/2010 12:15	1.557781	0.57	0.69
6/10/2010 12:30	1.61645	0.51	0.64
6/10/2010 12:45	1.673863	0.46	0.59
6/10/2010 13:00	1.719466	0.41	0.52
6/10/2010 13:15	1.754226	0.38	0.50
6/10/2010 13:30	1.791858	0.34	0.45
6/10/2010 13:45	1.819151	0.31	0.40
6/10/2010 14:00	1.834246	0.30	0.39
6/10/2010 14:15	1.855963	0.27	0.36
6/10/2010 14:30	1.874623	0.26	0.35
6/10/2010 14:45	1.88091	0.25	0.34
6/10/2010 15:00	1.885289	0.24	0.33
6/10/2010 15:15	1.887123	0.24	0.32
6/10/2010 15:30	1.871836	0.26	0.34
6/10/2010 15:45	1.848352	0.28	0.36
6/10/2010 16:00	1.823706	0.31	0.40
6/10/2010 16:15	1.798835	0.33	0.42
6/10/2010 16:30	1.785325	0.34	0.43
6/10/2010 16:45	1.777084	0.35	0.43
6/10/2010 17:00	1.770488	0.36	0.44
6/10/2010 17:15	1.766829	0.36	0.45
6/10/2010 17:30	1.764952	0.37	0.46
6/10/2010 17:45	1.764792	0.37	0.46

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/12/2010 15:46	1.454439	0.66	0.88
6/12/2010 16:01	1.433097	0.68	0.89
6/12/2010 16:16	1.411703	0.70	0.91
6/12/2010 16:31	1.386729	0.72	0.92
6/12/2010 16:46	1.358201	0.75	0.95
6/12/2010 17:01	1.326374	0.78	0.98
6/12/2010 17:16	1.278714	0.83	1.03
6/12/2010 17:31	1.231002	0.88	1.07
6/12/2010 17:46	1.180216	0.93	1.11
6/12/2010 18:01	1.129575	0.98	1.16
6/12/2010 18:16	1.085697	1.02	1.19
6/12/2010 18:31	1.05005	1.06	1.23
6/12/2010 18:46	1.018342	1.09	1.26
6/12/2010 19:01	0.98806	1.12	1.29
6/12/2010 19:16	0.958555	1.15	1.32
6/12/2010 19:31	0.934732	1.18	1.36
6/12/2010 19:46	0.912755	1.20	1.36
6/12/2010 20:01	0.896022	1.21	1.37
6/12/2010 20:16	0.883031	1.23	1.39
6/12/2010 20:31	0.870344	1.24	1.39
6/12/2010 20:46	0.853392	1.26	1.41
6/12/2010 21:01	0.853318	1.26	1.41
6/12/2010 21:16	0.881309	1.23	1.38
6/12/2010 21:31	0.931551	1.18	1.33
6/12/2010 21:46	0.993437	1.12	1.27
6/12/2010 22:01	1.046394	1.06	1.21
6/12/2010 22:16	1.073745	1.04	1.20
6/12/2010 22:31	1.091706	1.02	1.17
6/12/2010 22:46	1.100292	1.01	1.15
6/12/2010 23:01	1.126951	0.98	1.12
6/12/2010 23:16	1.182959	0.93	1.07
6/12/2010 23:31	1.252831	0.86	1.01
6/12/2010 23:46	1.31926	0.79	0.93
6/13/2010 0:01	1.366348	0.74	0.87
6/13/2010 0:16	1.401356	0.71	0.84
6/13/2010 0:31	1.425403	0.68	0.82
6/13/2010 0:46	1.449386	0.66	0.79
6/13/2010 1:01	1.48111	0.63	0.76
6/13/2010 1:16	1.523301	0.59	0.72
6/13/2010 1:31	1.567095	0.54	0.66
6/13/2010 1:46	1.604872	0.51	0.63
6/13/2010 2:01	1.63773	0.47	0.60
6/13/2010 2:16	1.65587	0.45	0.57
6/13/2010 2:31	1.662519	0.45	0.58
6/13/2010 2:46	1.670589	0.44	0.56
6/13/2010 3:01	1.672919	0.44	0.56
6/13/2010 3:16	1.660604	0.45	0.57
6/13/2010 3:31	1.637187	0.47	0.57
6/13/2010 3:46	1.601213	0.51	0.62
6/13/2010 4:01	1.55362	0.56	0.64
6/13/2010 4:16	1.51295	0.60	0.68
6/13/2010 4:31	1.477111	0.63	0.73
6/13/2010 4:46	1.440428	0.67	0.77
6/13/2010 5:01	1.394037	0.72	0.82
6/13/2010 5:16	1.33769	0.77	0.87
6/13/2010 5:31	1.273018	0.84	0.94
6/13/2010 5:46	1.205965	0.90	1.01
6/13/2010 6:01	1.146797	0.96	1.07
6/13/2010 6:16	1.092657	1.02	1.14
6/13/2010 6:31	1.041151	1.07	1.19
6/13/2010 6:46	0.991345	1.12	1.23
6/13/2010 7:01	0.936304	1.17	1.28
6/13/2010 7:16	0.886328	1.22	1.33
6/13/2010 7:31	0.837032	1.27	1.37
6/13/2010 7:46	0.801065	1.31	1.39
6/13/2010 8:01	0.777364	1.33	1.41
6/13/2010 8:16	0.758019	1.35	1.43
6/13/2010 8:31	0.744399	1.37	1.45
6/13/2010 8:46	0.740369	1.37	1.44

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/10/2010 18:00	1.761735	0.37	0.46
6/10/2010 18:15	1.756915	0.37	0.46
6/10/2010 18:30	1.76182	0.37	0.46
6/10/2010 18:45	1.767273	0.36	0.47
6/10/2010 19:00	1.769493	0.36	0.48
6/10/2010 19:15	1.788278	0.34	0.46
6/10/2010 19:30	1.811416	0.32	0.45
6/10/2010 19:45	1.837666	0.29	0.43
6/10/2010 20:00	1.861822	0.27	0.41
6/10/2010 20:15	1.877922	0.25	0.39
6/10/2010 20:30	1.897172	0.23	0.38
6/10/2010 20:45	1.912032	0.22	0.38
6/10/2010 21:00	1.930347	0.20	0.37
6/10/2010 21:15	1.955154	0.17	0.35
6/10/2010 21:30	1.981911	0.15	0.34
6/10/2010 21:45	2.012646	0.12	0.32
6/10/2010 22:00	2.038697	0.09	0.30
6/10/2010 22:15	2.055606	0.07	0.29
6/10/2010 22:30	2.076285	0.05	0.28
6/10/2010 22:45	2.085201	0.04	0.28
6/10/2010 23:00	2.091223	0.04	0.28
6/10/2010 23:15	2.107685	0.02	0.26
6/10/2010 23:30	2.113812	0.02	0.26
6/10/2010 23:45	2.117275	0.01	0.25
6/11/2010 0:00	2.120973	0.01	0.26
6/11/2010 0:15	2.112182	0.02	0.28
6/11/2010 0:30	2.097348	0.03	0.29
6/11/2010 0:45	2.075491	0.05	0.33
6/11/2010 1:00	2.033019	0.10	0.37
6/11/2010 1:15	1.979966	0.15	0.43
6/11/2010 1:30	1.923792	0.21	0.49
6/11/2010 1:45	1.868583	0.26	0.54
6/11/2010 2:00	1.827956	0.30	0.59
6/11/2010 2:15	1.792915	0.34	0.64
6/11/2010 2:30	1.731983	0.40	0.70
6/11/2010 2:45	1.652649	0.48	0.80
6/11/2010 3:00	1.560856	0.57	0.89
6/11/2010 3:15	1.465515	0.66	0.98
6/11/2010 3:30	1.377475	0.75	1.08
6/11/2010 3:45	1.309366	0.82	1.15
6/11/2010 4:00	1.253749	0.88	1.21
6/11/2010 4:15	1.200841	0.93	1.26
6/11/2010 4:30	1.145043	0.98	1.32
6/11/2010 4:45	1.08771	1.04	1.38
6/11/2010 5:00	1.01431	1.12	1.46
6/11/2010 5:15	0.944395	1.19	1.55
6/11/2010 5:30	0.892437	1.24	1.61
6/11/2010 5:45	0.846373	1.28	1.65
6/11/2010 6:00	0.807665	1.32	1.70
6/11/2010 6:15	0.772642	1.36	1.75
6/11/2010 6:30	0.732943	1.40	1.80
6/11/2010 6:45	0.705244	1.42	1.82
6/11/2010 7:00	0.683551	1.45	1.86
6/11/2010 7:15	0.674393	1.46	1.87
6/11/2010 7:30	0.686199	1.44	1.86
6/11/2010 7:45	0.702783	1.43	1.86
6/11/2010 8:00	0.724147	1.41	1.84
6/11/2010 8:15	0.743746	1.39	1.82
6/11/2010 8:30	0.752922	1.38	1.82
6/11/2010 8:45	0.77193	1.36	1.81
6/11/2010 9:00	0.799565	1.33	1.79
6/11/2010 9:15	0.831368	1.30	1.77
6/11/2010 9:30	0.869568	1.26	1.73
6/11/2010 9:45	0.915203	1.21	1.68
6/11/2010 10:00	0.958789	1.17	1.64
6/11/2010 10:15	1.002242	1.13	1.59
6/11/2010 10:30	1.049114	1.08	1.54
6/11/2010 10:45	1.088071	1.04	1.51
6/11/2010 11:00	1.130807	1.00	1.48

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/13/2010 9:01	0.737434	1.37	1.45
6/13/2010 9:16	0.745245	1.36	1.44
6/13/2010 9:31	0.76272	1.35	1.43
6/13/2010 9:46	0.786605	1.32	1.40
6/13/2010 10:01	0.817508	1.29	1.37
6/13/2010 10:16	0.858779	1.25	1.35
6/13/2010 10:31	0.900314	1.21	1.29
6/13/2010 10:46	0.945114	1.16	1.24
6/13/2010 11:01	0.99145	1.12	1.20
6/13/2010 11:16	1.034508	1.08	1.18
6/13/2010 11:31	1.075884	1.03	1.11
6/13/2010 11:46	1.120638	0.99	1.07
6/13/2010 12:01	1.169355	0.94	1.01
6/13/2010 12:16	1.222209	0.89	0.95
6/13/2010 12:31	1.281171	0.83	0.88
6/13/2010 12:46	1.33467	0.78	0.83
6/13/2010 13:01	1.385524	0.72	0.76
6/13/2010 13:16	1.443215	0.67	0.70
6/13/2010 13:31	1.499613	0.61	0.64
6/13/2010 13:46	1.558947	0.55	0.57
6/13/2010 14:01	1.61808	0.49	0.51
6/13/2010 14:16	1.677586	0.43	0.45
6/13/2010 14:31	1.745436	0.36	0.38
6/13/2010 14:46	1.8115	0.30	0.32
6/13/2010 15:01	1.87695	0.23	0.25
6/13/2010 15:16	1.934333	0.18	0.19
6/13/2010 15:31	1.973525	0.14	0.15
6/13/2010 15:46	1.998101	0.11	0.12
6/13/2010 16:01	2.015899	0.09	0.10
6/13/2010 16:16	2.03044	0.08	0.09
6/13/2010 16:31	2.048559	0.06	0.07
6/13/2010 16:46	2.055132	0.05	0.05
6/13/2010 17:01	2.053695	0.06	0.06
6/13/2010 17:16	2.040113	0.07	0.06
6/13/2010 17:31	2.032269	0.08	0.08
6/13/2010 17:46	2.041399	0.07	0.07
6/13/2010 18:01	2.010818	0.10	0.10
6/13/2010 18:16	1.955698	0.15	0.15
6/13/2010 18:31	1.912427	0.20	0.21
6/13/2010 18:46	1.864915	0.25	0.25
6/13/2010 19:01	1.836166	0.27	0.28
6/13/2010 19:16	1.821747	0.29	0.30
6/13/2010 19:31	1.785125	0.32	0.34
6/13/2010 19:46	1.736358	0.37	0.39
6/13/2010 20:01	1.699903	0.41	0.43
6/13/2010 20:16	1.688504	0.42	0.44
6/13/2010 20:31	1.703129	0.41	0.43
6/13/2010 20:46	1.710552	0.40	0.42
6/13/2010 21:01	1.70883	0.40	0.43
6/13/2010 21:16	1.696722	0.41	0.44
6/13/2010 21:31	1.675958	0.43	0.47
6/13/2010 21:46	1.678002	0.43	0.47
6/13/2010 22:01	1.702535	0.41	0.46
6/13/2010 22:16	1.740347	0.37	0.43
6/13/2010 22:31	1.793887	0.32	0.39
6/13/2010 22:46	1.843731	0.27	0.34
6/13/2010 23:01	1.887559	0.22	0.29
6/13/2010 23:16	1.919317	0.19	0.26
6/13/2010 23:31	1.948892	0.16	0.23
6/13/2010 23:46	1.988235	0.12	0.20
6/14/2010 0:01	2.032257	0.08	0.15
6/14/2010 0:16	2.074296	0.04	0.12
6/14/2010 0:31	2.119647	-0.01	0.07
6/14/2010 0:46	2.160731	-0.05	0.03
6/14/2010 1:01	2.194643	-0.08	0.02
6/14/2010 1:16	2.227533	-0.12	-0.05
6/14/2010 1:31	2.264172	-0.15	-0.09
6/14/2010 1:46	2.294393	-0.18	-0.11
6/14/2010 2:01	2.327999	-0.22	-0.15

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/11/2010 11:15	1.179586	0.95	1.43
6/11/2010 11:30	1.230386	0.90	1.38
6/11/2010 11:45	1.284639	0.85	1.33
6/11/2010 12:00	1.338124	0.79	1.26
6/11/2010 12:15	1.383623	0.75	1.21
6/11/2010 12:30	1.426579	0.70	1.17
6/11/2010 12:45	1.471048	0.66	1.13
6/11/2010 13:00	1.51528	0.61	1.08
6/11/2010 13:15	1.560127	0.57	1.03
6/11/2010 13:30	1.605943	0.52	0.98
6/11/2010 13:45	1.641719	0.49	0.95
6/11/2010 14:00	1.671696	0.46	0.92
6/11/2010 14:15	1.694361	0.44	0.90
6/11/2010 14:30	1.703094	0.43	0.89
6/11/2010 14:45	1.702908	0.43	0.89
6/11/2010 15:00	1.695268	0.43	0.90
6/11/2010 15:15	1.680771	0.45	0.90
6/11/2010 15:30	1.656517	0.47	0.91
6/11/2010 15:45	1.631768	0.50	0.93
6/11/2010 16:00	1.60985	0.52	0.94
6/11/2010 16:15	1.579499	0.55	0.97
6/11/2010 16:30	1.54542	0.58	1.01
6/11/2010 16:45	1.515877	0.61	1.04
6/11/2010 17:00	1.471442	0.66	1.09
6/11/2010 17:15	1.423569	0.71	1.13
6/11/2010 17:30	1.373689	0.76	1.18
6/11/2010 17:45	1.323136	0.81	1.23
6/11/2010 18:00	1.290739	0.84	1.26
6/11/2010 18:15	1.264687	0.87	1.29
6/11/2010 18:30	1.247222	0.88	1.30
6/11/2010 18:45	1.232567	0.90	1.32
6/11/2010 19:00	1.209319	0.92	1.34
6/11/2010 19:15	1.194162	0.94	1.37
6/11/2010 19:30	1.184995	0.95	1.38
6/11/2010 19:45	1.177833	0.95	1.38
6/11/2010 20:00	1.185807	0.94	1.38
6/11/2010 20:15	1.199419	0.93	1.36
6/11/2010 20:30	1.223864	0.91	1.35
6/11/2010 20:45	1.254448	0.88	1.32
6/11/2010 21:00	1.28285	0.85	1.29
6/11/2010 21:15	1.318961	0.81	1.25
6/11/2010 21:30	1.344571	0.79	1.23
6/11/2010 21:45	1.371512	0.76	1.22
6/11/2010 22:00	1.411588	0.72	1.18
6/11/2010 22:15	1.443738	0.69	1.15
6/11/2010 22:30	1.472257	0.66	1.12
6/11/2010 22:45	1.493408	0.64	1.10
6/11/2010 23:00	1.51496	0.62	1.08
6/11/2010 23:15	1.53743	0.59	1.04
6/11/2010 23:30	1.559776	0.57	1.03
6/11/2010 23:45	1.584783	0.55	1.00
6/12/2010 0:00	1.606693	0.52	0.97
6/12/2010 0:15	1.626085	0.50	0.95
6/12/2010 0:30	1.645008	0.48	0.92
6/12/2010 0:45	1.661552	0.47	0.91
6/12/2010 1:00	1.672245	0.46	0.90
6/12/2010 1:15	1.656219	0.47	0.91
6/12/2010 1:30	1.62615	0.50	0.94
6/12/2010 1:45	1.5914	0.54	0.98
6/12/2010 2:00	1.555884	0.57	1.01
6/12/2010 2:15	1.52666	0.60	1.03
6/12/2010 2:30	1.502077	0.63	1.06
6/12/2010 2:45	1.468652	0.66	1.08
6/12/2010 3:00	1.421701	0.71	1.13
6/12/2010 3:15	1.361829	0.77	1.21
6/12/2010 3:30	1.285897	0.84	1.26
6/12/2010 3:45	1.215099	0.91	1.34
6/12/2010 4:00	1.145971	0.98	1.41
6/12/2010 4:15	1.074868	1.06	1.48

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/14/2010 2:16	2.358849	-0.25	-0.18
6/14/2010 2:31	2.377622	-0.27	-0.20
6/14/2010 2:46	2.399642	-0.29	-0.21
6/14/2010 3:01	2.40514	-0.30	-0.22
6/14/2010 3:16	2.402805	-0.29	-0.22
6/14/2010 3:31	2.397932	-0.29	-0.22
6/14/2010 3:46	2.377908	-0.27	-0.20
6/14/2010 4:01	2.346197	-0.24	-0.17
6/14/2010 4:16	2.308857	-0.20	-0.13
6/14/2010 4:31	2.264179	-0.15	-0.08
6/14/2010 4:46	2.214079	-0.10	-0.03
6/14/2010 5:01	2.156047	-0.05	0.02
6/14/2010 5:16	2.092452	0.02	0.09
6/14/2010 5:31	2.021491	0.09	0.16
6/14/2010 5:46	1.943268	0.17	0.25
6/14/2010 6:01	1.875345	0.23	0.31
6/14/2010 6:16	1.803937	0.31	0.39
6/14/2010 6:31	1.729221	0.38	0.46
6/14/2010 6:46	1.656067	0.45	0.55
6/14/2010 7:01	1.576881	0.53	0.63
6/14/2010 7:16	1.499885	0.61	0.71
6/14/2010 7:31	1.432166	0.68	0.78
6/14/2010 7:46	1.369449	0.74	0.84
6/14/2010 8:01	1.312427	0.80	0.91
6/14/2010 8:16	1.256329	0.85	0.96
6/14/2010 8:31	1.204787	0.91	1.02
6/14/2010 8:46	1.160104	0.95	1.06
6/14/2010 9:01	1.118416	0.99	1.10
6/14/2010 9:16	1.088647	1.02	1.14
6/14/2010 9:31	1.064855	1.05	1.16
6/14/2010 9:46	1.055345	1.05	1.16
6/14/2010 10:01	1.060125	1.05	1.16
6/14/2010 10:16	1.069068	1.04	1.15
6/14/2010 10:31	1.078674	1.03	1.14
6/14/2010 10:46	1.10219	1.01	1.11
6/14/2010 11:01	1.131613	0.98	1.08
6/14/2010 11:16	1.154895	0.96	1.06
6/14/2010 11:31	1.190762	0.92	1.02
6/14/2010 11:46	1.224801	0.89	0.99
6/14/2010 12:01	1.267187	0.84	0.92
6/14/2010 12:16	1.309622	0.80	0.90
6/14/2010 12:31	1.358819	0.75	0.85
6/14/2010 12:46	1.40817	0.70	0.78
6/14/2010 13:01	1.454332	0.66	0.73
6/14/2010 13:16	1.502824	0.61	0.68
6/14/2010 13:31	1.551128	0.56	0.63
6/14/2010 13:46	1.592574	0.52	0.59
6/14/2010 14:01	1.633965	0.48	0.54
6/14/2010 14:16	1.680203	0.43	0.49
6/14/2010 14:31	1.72788	0.38	0.43
6/14/2010 14:46	1.775302	0.33	0.39
6/14/2010 15:01	1.822542	0.29	0.34
6/14/2010 15:16	1.868341	0.24	0.29
6/14/2010 15:31	1.903348	0.21	0.25
6/14/2010 15:46	1.934178	0.18	0.22
6/14/2010 16:01	1.961905	0.15	0.19
6/14/2010 16:16	1.97723	0.13	0.17
6/14/2010 16:31	1.984395	0.13	0.17
6/14/2010 16:46	1.987641	0.12	0.16
6/14/2010 17:01	1.979288	0.13	0.17
6/14/2010 17:16	1.962882	0.15	0.21
6/14/2010 17:31	1.94201	0.17	0.23
6/14/2010 17:46	1.923494	0.19	0.24
6/14/2010 18:01	1.901437	0.21	0.25
6/14/2010 18:16	1.871582	0.24	0.28
6/14/2010 18:31	1.831433	0.28	0.32
6/14/2010 18:46	1.785719	0.32	0.36
6/14/2010 19:01	1.728525	0.38	0.43
6/14/2010 19:16	1.678374	0.43	0.48

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/12/2010 4:30	1.01319	1.12	1.55
6/12/2010 4:45	0.943695	1.19	1.61
6/12/2010 5:00	0.877007	1.25	1.67
6/12/2010 5:15	0.807759	1.32	1.75
6/12/2010 5:30	0.75016	1.38	1.81
6/12/2010 5:45	0.693036	1.44	1.87
6/12/2010 6:00	0.629284	1.50	1.94
6/12/2010 6:15	0.579629	1.55	1.99
6/12/2010 6:30	0.521734	1.61	2.04
6/12/2010 6:45	0.477301	1.65	2.08
6/12/2010 7:00	0.443115	1.69	2.12
6/12/2010 7:15	0.405961	1.72	2.15
6/12/2010 7:30	0.384814	1.75	2.18
6/12/2010 7:45	0.366161	1.76	2.19
6/12/2010 8:00	0.360281	1.77	2.21
6/12/2010 8:15	0.352093	1.78	2.21
6/12/2010 8:30	0.359326	1.77	2.19
6/12/2010 8:45	0.368912	1.76	2.18
6/12/2010 9:00	0.387663	1.74	2.17
6/12/2010 9:15	0.415014	1.71	2.14
6/12/2010 9:30	0.443216	1.69	2.12
6/12/2010 9:45	0.472439	1.66	2.08
6/12/2010 10:00	0.4925	1.64	2.06
6/12/2010 10:15	0.516799	1.61	2.02
6/12/2010 10:30	0.545715	1.58	1.99
6/12/2010 10:45	0.5887	1.54	1.94
6/12/2010 11:00	0.637491	1.49	1.89
6/12/2010 11:15	0.687557	1.44	1.84
6/12/2010 11:30	0.734961	1.40	1.80
6/12/2010 11:45	0.776116	1.35	1.74
6/12/2010 12:00	0.816191	1.31	1.69
6/12/2010 12:15	0.863675	1.27	1.65
6/12/2010 12:30	0.909043	1.22	1.59
6/12/2010 12:45	0.955589	1.17	1.53
6/12/2010 13:00	1.004871	1.13	1.48
6/12/2010 13:15	1.048595	1.08	1.41
6/12/2010 13:30	1.091662	1.04	1.37
6/12/2010 13:45	1.127873	1.00	1.33
6/12/2010 14:00	1.164667	0.97	1.29
6/12/2010 14:15	1.203465	0.93	1.23
6/12/2010 14:30	1.233505	0.90	1.20
6/12/2010 14:45	1.2523	0.88	1.16
6/12/2010 15:00	1.256018	0.87	1.15
6/12/2010 15:15	1.248242	0.88	1.16
6/12/2010 15:30	1.230596	0.90	1.17
6/12/2010 15:45	1.213824	0.92	1.18
6/12/2010 16:00	1.189152	0.94	1.19
6/12/2010 16:15	1.168353	0.96	1.21
6/12/2010 16:30	1.139858	0.99	1.23
6/12/2010 16:45	1.110507	1.02	1.26
6/12/2010 17:00	1.074098	1.06	1.30
6/12/2010 17:15	1.022171	1.11	1.35
6/12/2010 17:30	0.974397	1.16	1.39
6/12/2010 17:45	0.920486	1.21	1.43
6/12/2010 18:00	0.868674	1.26	1.48
6/12/2010 18:15	0.829949	1.30	1.51
6/12/2010 18:30	0.794289	1.34	1.55
6/12/2010 18:45	0.762624	1.37	1.58
6/12/2010 19:00	0.731704	1.40	1.61
6/12/2010 19:15	0.702926	1.43	1.64
6/12/2010 19:30	0.681574	1.45	1.67
6/12/2010 19:45	0.660242	1.47	1.67
6/12/2010 20:00	0.646953	1.48	1.68
6/12/2010 20:15	0.635478	1.49	1.69
6/12/2010 20:30	0.62005	1.51	1.70
6/12/2010 20:45	0.602396	1.53	1.72
6/12/2010 21:00	0.613285	1.52	1.71
6/12/2010 21:15	0.651714	1.48	1.67
6/12/2010 21:30	0.70785	1.42	1.61

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/14/2010 19:31	1.629569	0.48	0.54
6/14/2010 19:46	1.568923	0.54	0.59
6/14/2010 20:01	1.515335	0.59	0.64
6/14/2010 20:16	1.457095	0.65	0.70
6/14/2010 20:31	1.396477	0.71	0.76
6/14/2010 20:46	1.349167	0.76	0.82
6/14/2010 21:01	1.30197	0.81	0.87
6/14/2010 21:16	1.269298	0.84	0.91
6/14/2010 21:31	1.251714	0.86	0.94
6/14/2010 21:46	1.241441	0.87	0.95
6/14/2010 22:01	1.229002	0.88	0.98
6/14/2010 22:16	1.218125	0.89	0.99
6/14/2010 22:31	1.220049	0.89	1.00
6/14/2010 22:46	1.235	0.88	1.00
6/14/2010 23:01	1.256213	0.85	0.98
6/14/2010 23:16	1.286013	0.82	0.94
6/14/2010 23:31	1.316908	0.79	0.91
6/14/2010 23:46	1.351714	0.76	0.90
6/15/2010 0:01	1.39083	0.72	0.86
6/15/2010 0:16	1.428708	0.68	0.83
6/15/2010 0:31	1.468656	0.64	0.80
6/15/2010 0:46	1.503462	0.61	0.77
6/15/2010 1:01	1.545853	0.56	0.72
6/15/2010 1:16	1.590225	0.52	0.68
6/15/2010 1:31	1.634984	0.48	0.64
6/15/2010 1:46	1.67808	0.43	0.60
6/15/2010 2:01	1.720891	0.39	0.56
6/15/2010 2:16	1.761316	0.35	0.51
6/15/2010 2:31	1.793085	0.32	0.48
6/15/2010 2:46	1.829789	0.28	0.46
6/15/2010 3:01	1.866799	0.24	0.41
6/15/2010 3:16	1.903846	0.21	0.38
6/15/2010 3:31	1.937913	0.17	0.34
6/15/2010 3:46	1.963849	0.15	0.33
6/15/2010 4:01	1.973136	0.14	0.33
6/15/2010 4:16	1.973465	0.14	0.34
6/15/2010 4:31	1.964163	0.15	0.35
6/15/2010 4:46	1.955284	0.15	0.35
6/15/2010 5:01	1.936534	0.17	0.37
6/15/2010 5:16	1.906341	0.20	0.40
6/15/2010 5:31	1.867717	0.24	0.45
6/15/2010 5:46	1.821693	0.29	0.51
6/15/2010 6:01	1.776351	0.33	0.55
6/15/2010 6:16	1.72766	0.38	0.61
6/15/2010 6:31	1.670804	0.44	0.67
6/15/2010 6:46	1.61303	0.50	0.73
6/15/2010 7:01	1.54711	0.56	0.80
6/15/2010 7:16	1.481921	0.63	0.88
6/15/2010 7:31	1.422048	0.69	0.94
6/15/2010 7:46	1.363583	0.75	1.02
6/15/2010 8:01	1.308857	0.80	1.07
6/15/2010 8:16	1.25293	0.86	1.15
6/15/2010 8:31	1.196195	0.91	1.20
6/15/2010 8:46	1.152815	0.96	1.27
6/15/2010 9:01	1.112009	1.00	1.31
6/15/2010 9:16	1.077355	1.03	1.34
6/15/2010 9:31	1.045763	1.06	1.37
6/15/2010 9:46	1.011896	1.10	1.41
6/15/2010 10:01	0.983613	1.13	1.44
6/15/2010 10:16	0.966255	1.14	1.45
6/15/2010 10:31	0.966939	1.14	1.46
6/15/2010 10:46	0.985554	1.12	1.45
6/15/2010 11:01	1.018026	1.09	1.42
6/15/2010 11:16	1.051618	1.06	1.39
6/15/2010 11:31	1.081393	1.03	1.37
6/15/2010 11:46	1.10287	1.01	1.35
6/15/2010 12:01	1.129459	0.98	1.32
6/15/2010 12:16	1.15799	0.95	1.30
6/15/2010 12:31	1.195492	0.91	1.26

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/12/2010 21:45	0.776319	1.35	1.54
6/12/2010 22:00	0.82201	1.31	1.50
6/12/2010 22:15	0.84477	1.29	1.49
6/12/2010 22:30	0.858653	1.27	1.46
6/12/2010 22:45	0.868522	1.26	1.44
6/12/2010 23:00	0.90424	1.23	1.41
6/12/2010 23:15	0.970455	1.16	1.34
6/12/2010 23:30	1.043357	1.09	1.28
6/12/2010 23:45	1.109183	1.02	1.20
6/13/2010 0:00	1.149979	0.98	1.15
6/13/2010 0:15	1.179998	0.95	1.12
6/13/2010 0:30	1.201145	0.93	1.11
6/13/2010 0:45	1.22433	0.91	1.08
6/13/2010 1:00	1.261775	0.87	1.04
6/13/2010 1:15	1.310671	0.82	0.99
6/13/2010 1:30	1.351298	0.78	0.94
6/13/2010 1:45	1.387873	0.74	0.90
6/13/2010 2:00	1.418976	0.71	0.88
6/13/2010 2:15	1.429399	0.70	0.86
6/13/2010 2:30	1.432812	0.70	0.87
6/13/2010 2:45	1.442121	0.69	0.85
6/13/2010 3:00	1.439877	0.69	0.85
6/13/2010 3:15	1.421604	0.71	0.87
6/13/2010 3:30	1.397014	0.73	0.87
6/13/2010 3:45	1.350889	0.78	0.93
6/13/2010 4:00	1.301285	0.83	0.96
6/13/2010 4:15	1.264197	0.87	1.00
6/13/2010 4:30	1.227118	0.90	1.04
6/13/2010 4:45	1.18989	0.94	1.08
6/13/2010 5:00	1.139919	0.99	1.13
6/13/2010 5:15	1.077923	1.05	1.19
6/13/2010 5:30	1.007639	1.12	1.26
6/13/2010 5:45	0.941083	1.19	1.34
6/13/2010 6:00	0.884985	1.25	1.40
6/13/2010 6:15	0.829931	1.30	1.46
6/13/2010 6:30	0.779965	1.35	1.51
6/13/2010 6:45	0.7268	1.40	1.55
6/13/2010 7:00	0.67406	1.46	1.61
6/13/2010 7:15	0.622345	1.51	1.66
6/13/2010 7:30	0.574439	1.56	1.70
6/13/2010 7:45	0.544985	1.59	1.72
6/13/2010 8:00	0.523914	1.61	1.74
6/13/2010 8:15	0.508307	1.62	1.75
6/13/2010 8:30	0.498663	1.63	1.76
6/13/2010 8:45	0.494939	1.64	1.76
6/13/2010 9:00	0.493958	1.64	1.77
6/13/2010 9:15	0.50831	1.62	1.75
6/13/2010 9:30	0.532242	1.60	1.73
6/13/2010 9:45	0.556113	1.57	1.70
6/13/2010 10:00	0.593381	1.54	1.67
6/13/2010 10:15	0.637752	1.49	1.63
6/13/2010 10:30	0.680009	1.45	1.58
6/13/2010 10:45	0.728751	1.40	1.53
6/13/2010 11:00	0.772088	1.36	1.49
6/13/2010 11:15	0.816721	1.31	1.45
6/13/2010 11:30	0.859257	1.27	1.40
6/13/2010 11:45	0.906113	1.22	1.35
6/13/2010 12:00	0.958669	1.17	1.29
6/13/2010 12:15	1.012156	1.12	1.23
6/13/2010 12:30	1.071084	1.06	1.15
6/13/2010 12:45	1.122942	1.01	1.10
6/13/2010 13:00	1.177085	0.95	1.03
6/13/2010 13:15	1.234688	0.90	0.97
6/13/2010 13:30	1.290618	0.84	0.91
6/13/2010 13:45	1.354083	0.78	0.84
6/13/2010 14:00	1.411585	0.72	0.78
6/13/2010 14:15	1.470937	0.66	0.72
6/13/2010 14:30	1.541714	0.59	0.65
6/13/2010 14:45	1.608051	0.52	0.58

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/15/2010 12:46	1.244391	0.87	1.22
6/15/2010 13:01	1.299161	0.81	1.16
6/15/2010 13:16	1.352734	0.76	1.12
6/15/2010 13:31	1.403991	0.71	1.07
6/15/2010 13:46	1.452358	0.66	1.02
6/15/2010 14:01	1.500271	0.61	0.97
6/15/2010 14:16	1.545949	0.56	0.92
6/15/2010 14:31	1.601754	0.51	0.87
6/15/2010 14:46	1.659126	0.45	0.80
6/15/2010 15:01	1.715112	0.39	0.74
6/15/2010 15:16	1.771164	0.34	0.69
6/15/2010 15:31	1.829512	0.28	0.62
6/15/2010 15:46	1.88286	0.23	0.57
6/15/2010 16:01	1.934616	0.18	0.52
6/15/2010 16:16	1.985628	0.12	0.46
6/15/2010 16:31	2.030199	0.08	0.41
6/15/2010 16:46	2.067947	0.04	0.38
6/15/2010 17:01	2.102392	0.01	0.35
6/15/2010 17:16	2.128802	-0.02	0.32
6/15/2010 17:31	2.142049	-0.03	0.30
6/15/2010 17:46	2.14519	-0.04	0.29
6/15/2010 18:01	2.137239	-0.03	0.30
6/15/2010 18:16	2.111551	0.00	0.33
6/15/2010 18:31	2.074669	0.04	0.38
6/15/2010 18:46	2.032997	0.08	0.42
6/15/2010 19:01	1.990012	0.12	0.46
6/15/2010 19:16	1.947055	0.16	0.50
6/15/2010 19:31	1.90311	0.21	0.54
6/15/2010 19:46	1.852527	0.26	0.60
6/15/2010 20:01	1.789851	0.32	0.67
6/15/2010 20:16	1.72035	0.39	0.73
6/15/2010 20:31	1.654356	0.46	0.80
6/15/2010 20:46	1.592798	0.52	0.87
6/15/2010 21:01	1.54127	0.57	0.92
6/15/2010 21:16	1.497221	0.61	0.96
6/15/2010 21:31	1.452574	0.66	1.01
6/15/2010 21:46	1.409086	0.70	1.06
6/15/2010 22:01	1.364846	0.75	1.11
6/15/2010 22:16	1.328049	0.78	1.15
6/15/2010 22:31	1.298624	0.81	1.18
6/15/2010 22:46	1.281452	0.83	1.21
6/15/2010 23:01	1.275501	0.83	1.22
6/15/2010 23:16	1.282093	0.83	1.22
6/15/2010 23:31	1.289791	0.82	1.22
6/15/2010 23:46	1.302823	0.81	1.21
6/16/2010 0:01	1.322118	0.79	1.19
6/16/2010 0:16	1.33889	0.77	1.17
6/16/2010 0:31	1.365575	0.74	1.14
6/16/2010 0:46	1.404335	0.71	1.10
6/16/2010 1:01	1.442464	0.67	1.07
6/16/2010 1:16	1.483444	0.63	1.03
6/16/2010 1:31	1.522142	0.59	1.00
6/16/2010 1:46	1.559105	0.55	0.95
6/16/2010 2:01	1.598359	0.51	0.91
6/16/2010 2:16	1.636207	0.47	0.86
6/16/2010 2:31	1.673473	0.44	0.83
6/16/2010 2:46	1.709778	0.40	0.79
6/16/2010 3:01	1.737699	0.37	0.76
6/16/2010 3:16	1.758694	0.35	0.73
6/16/2010 3:31	1.789232	0.32	0.70
6/16/2010 3:46	1.81373	0.30	0.69
6/16/2010 4:01	1.838961	0.27	0.66
6/16/2010 4:16	1.858518	0.25	0.63
6/16/2010 4:31	1.870929	0.24	0.62
6/16/2010 4:46	1.874922	0.24	0.62
6/16/2010 5:01	1.868165	0.24	0.62
6/16/2010 5:16	1.859788	0.25	0.63
6/16/2010 5:31	1.843534	0.27	0.65
6/16/2010 5:46	1.820035	0.29	0.68

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/13/2010 15:00	1.67227	0.46	0.52
6/13/2010 15:15	1.727657	0.40	0.45
6/13/2010 15:30	1.75664	0.37	0.42
6/13/2010 15:45	1.780088	0.35	0.40
6/13/2010 16:00	1.796596	0.33	0.38
6/13/2010 16:15	1.805006	0.32	0.37
6/13/2010 16:30	1.826176	0.30	0.35
6/13/2010 16:45	1.826011	0.30	0.34
6/13/2010 17:00	1.824945	0.31	0.35
6/13/2010 17:15	1.809035	0.32	0.35
6/13/2010 17:30	1.803498	0.33	0.37
6/13/2010 17:45	1.811315	0.32	0.36
6/13/2010 18:00	1.76596	0.36	0.40
6/13/2010 18:15	1.707622	0.42	0.46
6/13/2010 18:30	1.662785	0.47	0.52
6/13/2010 18:45	1.616356	0.51	0.55
6/13/2010 19:00	1.594573	0.54	0.59
6/13/2010 19:15	1.580448	0.55	0.60
6/13/2010 19:30	1.53343	0.60	0.66
6/13/2010 19:45	1.486167	0.64	0.70
6/13/2010 20:00	1.453823	0.68	0.74
6/13/2010 20:15	1.453473	0.68	0.74
6/13/2010 20:30	1.471813	0.66	0.72
6/13/2010 20:45	1.477453	0.65	0.71
6/13/2010 21:00	1.473831	0.66	0.73
6/13/2010 21:15	1.456001	0.67	0.74
6/13/2010 21:30	1.436786	0.69	0.77
6/13/2010 21:45	1.448451	0.68	0.76
6/13/2010 22:00	1.47688	0.65	0.74
6/13/2010 22:15	1.522112	0.61	0.72
6/13/2010 22:30	1.579447	0.55	0.67
6/13/2010 22:45	1.626347	0.50	0.62
6/13/2010 23:00	1.671543	0.46	0.58
6/13/2010 23:15	1.69879	0.43	0.55
6/13/2010 23:30	1.729537	0.40	0.52
6/13/2010 23:45	1.772865	0.36	0.49
6/14/2010 0:00	1.818011	0.31	0.43
6/14/2010 0:15	1.8603	0.27	0.40
6/14/2010 0:30	1.907226	0.22	0.35
6/14/2010 0:45	1.948041	0.18	0.31
6/14/2010 1:00	1.979528	0.15	0.29
6/14/2010 1:15	2.014094	0.12	0.24
6/14/2010 1:30	2.050913	0.08	0.19
6/14/2010 1:45	2.080571	0.05	0.17
6/14/2010 2:00	2.114288	0.02	0.14
6/14/2010 2:15	2.14024	-0.01	0.11
6/14/2010 2:30	2.158743	-0.03	0.09
6/14/2010 2:45	2.179262	-0.05	0.08
6/14/2010 3:00	2.178563	-0.05	0.08
6/14/2010 3:15	2.174373	-0.04	0.08
6/14/2010 3:30	2.166697	-0.04	0.08
6/14/2010 3:45	2.139242	-0.01	0.11
6/14/2010 4:00	2.105896	0.02	0.14
6/14/2010 4:15	2.065126	0.06	0.18
6/14/2010 4:30	2.015618	0.11	0.23
6/14/2010 4:45	1.963425	0.17	0.29
6/14/2010 5:00	1.902526	0.23	0.35
6/14/2010 5:15	1.83454	0.30	0.42
6/14/2010 5:30	1.759508	0.37	0.49
6/14/2010 5:45	1.681186	0.45	0.58
6/14/2010 6:00	1.613587	0.52	0.65
6/14/2010 6:15	1.540739	0.59	0.72
6/14/2010 6:30	1.464284	0.67	0.80
6/14/2010 6:45	1.387913	0.74	0.88
6/14/2010 7:00	1.308468	0.82	0.96
6/14/2010 7:15	1.230719	0.90	1.04
6/14/2010 7:30	1.166719	0.96	1.10
6/14/2010 7:45	1.102892	1.03	1.17
6/14/2010 8:00	1.046719	1.08	1.23

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/16/2010 6:01	1.788643	0.32	0.70
6/16/2010 6:16	1.744385	0.37	0.77
6/16/2010 6:31	1.693381	0.42	0.82
6/16/2010 6:46	1.632746	0.48	0.88
6/16/2010 7:01	1.573228	0.54	0.92
6/16/2010 7:16	1.518537	0.59	0.98
6/16/2010 7:31	1.457824	0.65	1.04
6/16/2010 7:46	1.393839	0.72	1.11
6/16/2010 8:01	1.330911	0.78	1.17
6/16/2010 8:16	1.264824	0.85	1.24
6/16/2010 8:31	1.204451	0.91	1.31
6/16/2010 8:46	1.136378	0.97	1.36
6/16/2010 9:01	1.072415	1.04	1.42
6/16/2010 9:16	1.03832	1.07	1.45
6/16/2010 9:31	0.993198	1.12	1.52
6/16/2010 9:46	0.951498	1.16	1.54
6/16/2010 10:01	0.922046	1.19	1.55
6/16/2010 10:16	0.907898	1.20	1.57
6/16/2010 10:31	0.90626	1.20	1.57
6/16/2010 10:46	0.906893	1.20	1.56
6/16/2010 11:01	0.904701	1.21	1.57
6/16/2010 11:16	0.905058	1.20	1.56
6/16/2010 11:31	0.906688	1.20	1.55
6/16/2010 11:46	0.906852	1.20	1.55
6/16/2010 12:01	0.90785	1.20	1.54
6/16/2010 12:16	0.908766	1.20	1.53
6/16/2010 12:31	0.909273	1.20	1.53
6/16/2010 12:46	0.911656	1.20	1.54
6/16/2010 13:01	0.911436	1.20	1.52
6/16/2010 13:16	0.91361	1.20	1.52
6/16/2010 13:31	0.914591	1.20	1.51
6/16/2010 13:46	0.916692	1.19	1.49
6/16/2010 14:01	0.918106	1.19	1.48
6/16/2010 14:16	0.919758	1.19	1.48
6/16/2010 14:31	0.921674	1.19	1.47
6/16/2010 14:46	0.926249	1.18	1.46
6/16/2010 15:01	0.928755	1.18	1.45
6/16/2010 15:16	0.93114	1.18	1.45
6/16/2010 15:31	0.933531	1.18	1.42
6/16/2010 15:46	0.934818	1.18	1.41
6/16/2010 16:01	0.937462	1.17	1.39
6/16/2010 16:16	0.939411	1.17	1.38
6/16/2010 16:31	0.943733	1.17	1.37
6/16/2010 16:46	0.946311	1.16	1.36
6/16/2010 17:01	0.948641	1.16	1.35
6/16/2010 17:16	0.951238	1.16	1.34
6/16/2010 17:31	0.954256	1.16	1.34
6/16/2010 17:46	0.956438	1.15	1.33
6/16/2010 18:01	0.958432	1.15	1.32
6/16/2010 18:16	0.959343	1.15	1.31
6/16/2010 18:31	0.961176	1.15	1.30
6/16/2010 18:46	0.960421	1.15	1.31
6/16/2010 19:01	0.96019	1.15	1.32
6/16/2010 19:16	0.961704	1.15	1.32
6/16/2010 19:31	0.960989	1.15	1.31
6/16/2010 19:46	0.960088	1.15	1.32
6/16/2010 20:01	0.960756	1.15	1.32
6/16/2010 20:16	0.958445	1.15	1.31
6/16/2010 20:31	0.957781	1.15	1.31
6/16/2010 20:46	0.955836	1.15	1.30
6/16/2010 21:01	0.953382	1.16	1.31
6/16/2010 21:16	0.951428	1.16	1.30
6/16/2010 21:31	0.94896	1.16	1.30
6/16/2010 21:46	0.94618	1.16	1.29
6/16/2010 22:01	0.943853	1.17	1.30
6/16/2010 22:16	0.94323	1.17	1.30
6/16/2010 22:31	0.940937	1.17	1.30
6/16/2010 22:46	0.939521	1.17	1.30
6/16/2010 23:01	0.940007	1.17	1.29

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/14/2010 8:15	0.994571	1.14	1.29
6/14/2010 8:30	0.941284	1.19	1.34
6/14/2010 8:45	0.897445	1.23	1.38
6/14/2010 9:00	0.859055	1.27	1.42
6/14/2010 9:15	0.833227	1.30	1.46
6/14/2010 9:30	0.812858	1.32	1.47
6/14/2010 9:45	0.810743	1.32	1.47
6/14/2010 10:00	0.821991	1.31	1.46
6/14/2010 10:15	0.83101	1.30	1.45
6/14/2010 10:30	0.845506	1.28	1.43
6/14/2010 10:45	0.874268	1.26	1.40
6/14/2010 11:00	0.902476	1.23	1.37
6/14/2010 11:15	0.927867	1.20	1.34
6/14/2010 11:30	0.96828	1.16	1.30
6/14/2010 11:45	1.003382	1.13	1.27
6/14/2010 12:00	1.048036	1.08	1.21
6/14/2010 12:15	1.092806	1.04	1.18
6/14/2010 12:30	1.141507	0.99	1.13
6/14/2010 12:45	1.191461	0.94	1.07
6/14/2010 13:00	1.237779	0.89	1.01
6/14/2010 13:15	1.287649	0.84	0.96
6/14/2010 13:30	1.334149	0.80	0.92
6/14/2010 13:45	1.374619	0.76	0.88
6/14/2010 14:00	1.419959	0.71	0.82
6/14/2010 14:15	1.464469	0.67	0.78
6/14/2010 14:30	1.511685	0.62	0.71
6/14/2010 14:45	1.562068	0.57	0.68
6/14/2010 15:00	1.609499	0.52	0.61
6/14/2010 15:15	1.652486	0.48	0.57
6/14/2010 15:30	1.683103	0.45	0.53
6/14/2010 15:45	1.712166	0.42	0.50
6/14/2010 16:00	1.738817	0.39	0.47
6/14/2010 16:15	1.748598	0.38	0.46
6/14/2010 16:30	1.752911	0.38	0.46
6/14/2010 16:45	1.752497	0.38	0.46
6/14/2010 17:00	1.739892	0.39	0.47
6/14/2010 17:15	1.722397	0.41	0.52
6/14/2010 17:30	1.692726	0.44	0.55
6/14/2010 17:45	1.665773	0.46	0.55
6/14/2010 18:00	1.640457	0.49	0.57
6/14/2010 18:15	1.593626	0.54	0.62
6/14/2010 18:30	1.545799	0.58	0.66
6/14/2010 18:45	1.492251	0.64	0.72
6/14/2010 19:00	1.422601	0.71	0.80
6/14/2010 19:15	1.385632	0.74	0.83
6/14/2010 19:30	1.327721	0.80	0.91
6/14/2010 19:45	1.260895	0.87	0.96
6/14/2010 20:00	1.211545	0.92	1.01
6/14/2010 20:15	1.145294	0.98	1.07
6/14/2010 20:30	1.099461	1.03	1.12
6/14/2010 20:45	1.067765	1.06	1.17
6/14/2010 21:00	1.035156	1.09	1.20
6/14/2010 21:15	1.016272	1.11	1.23
6/14/2010 21:30	1.002929	1.13	1.26
6/14/2010 21:45	0.995012	1.13	1.26
6/14/2010 22:00	0.984446	1.15	1.29
6/14/2010 22:15	0.974337	1.16	1.30
6/14/2010 22:30	0.983437	1.15	1.30
6/14/2010 22:45	1.002438	1.13	1.29
6/14/2010 23:00	1.027549	1.10	1.27
6/14/2010 23:15	1.060065	1.07	1.23
6/14/2010 23:30	1.091922	1.04	1.20
6/14/2010 23:45	1.130012	1.00	1.18
6/15/2010 0:00	1.168347	0.96	1.14
6/15/2010 0:15	1.208635	0.92	1.11
6/15/2010 0:30	1.248394	0.88	1.08
6/15/2010 0:45	1.283532	0.85	1.05
6/15/2010 1:00	1.328774	0.80	1.00
6/15/2010 1:15	1.376901	0.75	0.95

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/16/2010 23:16	0.939013	1.17	1.30
6/16/2010 23:31	0.939894	1.17	1.29
6/16/2010 23:46	0.938636	1.17	1.29
6/17/2010 0:01	0.938524	1.17	1.28
6/17/2010 0:16	0.939279	1.17	1.28
6/17/2010 0:31	0.940227	1.17	1.29
6/17/2010 0:46	0.942246	1.17	1.29
6/17/2010 1:01	0.943002	1.17	1.29
6/17/2010 1:16	0.943987	1.17	1.28
6/17/2010 1:31	0.94473	1.17	1.28
6/17/2010 1:46	0.945902	1.16	1.27
6/17/2010 2:01	0.949058	1.16	1.27
6/17/2010 2:16	0.949332	1.16	1.26
6/17/2010 2:31	0.951403	1.16	1.26
6/17/2010 2:46	0.952313	1.16	1.24
6/17/2010 3:01	0.957238	1.15	1.23
6/17/2010 3:16	0.957313	1.15	1.25
6/17/2010 3:31	0.958905	1.15	1.23
6/17/2010 3:46	0.959273	1.15	1.23
6/17/2010 4:01	0.962963	1.15	1.25
6/17/2010 4:16	0.962982	1.15	1.25
6/17/2010 4:31	0.964857	1.15	1.23
6/17/2010 4:46	0.967148	1.14	1.24
6/17/2010 5:01	0.967266	1.14	1.25
6/17/2010 5:16	0.967757	1.14	1.26
6/17/2010 5:31	0.969552	1.14	1.26
6/17/2010 5:46	0.970086	1.14	1.26
6/17/2010 6:01	0.971051	1.14	1.27
6/17/2010 6:16	0.972623	1.14	1.27
6/17/2010 6:31	0.972203	1.14	1.26
6/17/2010 6:46	0.97193	1.14	1.27
6/17/2010 7:01	0.972041	1.14	1.27
6/17/2010 7:16	0.970172	1.14	1.27
6/17/2010 7:31	0.969717	1.14	1.27
6/17/2010 7:46	0.969653	1.14	1.28
6/17/2010 8:01	0.966794	1.14	1.27
6/17/2010 8:16	0.9658	1.14	1.28
6/17/2010 8:31	0.965434	1.14	1.27
6/17/2010 8:46	0.965743	1.14	1.27
6/17/2010 9:01	0.965213	1.14	1.27
6/17/2010 9:16	0.964937	1.15	1.27
6/17/2010 9:31	0.964981	1.15	1.28
6/17/2010 9:46	0.964063	1.15	1.27
6/17/2010 10:01	0.96383	1.15	1.28
6/17/2010 10:16	0.963326	1.15	1.27
6/17/2010 10:31	0.962843	1.15	1.27
6/17/2010 10:46	0.963558	1.15	1.28
6/17/2010 11:01	0.964739	1.15	1.27
6/17/2010 11:16	0.964536	1.15	1.28
6/17/2010 11:31	0.963927	1.15	1.28
6/17/2010 11:46	0.965352	1.14	1.27
6/17/2010 12:01	0.966041	1.14	1.27
6/17/2010 12:16	0.968046	1.14	1.28
6/17/2010 12:31	0.970222	1.14	1.28
6/17/2010 12:46	0.971728	1.14	1.28
6/17/2010 13:01	0.973175	1.14	1.28
6/17/2010 13:16	0.977166	1.13	1.27
6/17/2010 13:31	1.024092	1.09	1.23
6/17/2010 13:46	1.092299	1.02	1.16
6/17/2010 14:01	1.1667	0.94	1.08
6/17/2010 14:16	1.247552	0.86	1.00
6/17/2010 14:31	1.398539	0.71	0.85
6/17/2010 14:46	1.539579	0.57	0.71
6/17/2010 15:01	1.611876	0.50	0.64
6/17/2010 15:16	1.67091	0.44	0.58
6/17/2010 15:31	1.725801	0.38	0.52
6/17/2010 15:46	1.785028	0.32	0.46
6/17/2010 16:01	1.846588	0.26	0.41
6/17/2010 16:16	1.910793	0.20	0.34

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/15/2010 1:30	1.420611	0.71	0.91
6/15/2010 1:45	1.463993	0.67	0.88
6/15/2010 2:00	1.508048	0.62	0.83
6/15/2010 2:15	1.545605	0.58	0.78
6/15/2010 2:30	1.574112	0.56	0.76
6/15/2010 2:45	1.612163	0.52	0.74
6/15/2010 3:00	1.651397	0.48	0.69
6/15/2010 3:15	1.690483	0.44	0.65
6/15/2010 3:30	1.722998	0.41	0.62
6/15/2010 3:45	1.741383	0.39	0.61
6/15/2010 4:00	1.745396	0.38	0.61
6/15/2010 4:15	1.738735	0.39	0.63
6/15/2010 4:30	1.727092	0.40	0.64
6/15/2010 4:45	1.717586	0.41	0.65
6/15/2010 5:00	1.693622	0.44	0.68
6/15/2010 5:15	1.65675	0.47	0.71
6/15/2010 5:30	1.615092	0.51	0.76
6/15/2010 5:45	1.567636	0.56	0.82
6/15/2010 6:00	1.520323	0.61	0.87
6/15/2010 6:15	1.467677	0.66	0.93
6/15/2010 6:30	1.411788	0.72	0.99
6/15/2010 6:45	1.348476	0.78	1.05
6/15/2010 7:00	1.276552	0.85	1.13
6/15/2010 7:15	1.214705	0.92	1.21
6/15/2010 7:30	1.155548	0.97	1.26
6/15/2010 7:45	1.097111	1.03	1.33
6/15/2010 8:00	1.042276	1.09	1.39
6/15/2010 8:15	0.982786	1.15	1.48
6/15/2010 8:30	0.931614	1.20	1.53
6/15/2010 8:45	0.8892	1.24	1.59
6/15/2010 9:00	0.850144	1.28	1.63
6/15/2010 9:15	0.81908	1.31	1.66
6/15/2010 9:30	0.785926	1.34	1.69
6/15/2010 9:45	0.754145	1.38	1.73
6/15/2010 10:00	0.72729	1.40	1.75
6/15/2010 10:15	0.717743	1.41	1.76
6/15/2010 10:30	0.727825	1.40	1.76
6/15/2010 10:45	0.751907	1.38	1.75
6/15/2010 11:00	0.789363	1.34	1.71
6/15/2010 11:15	0.828448	1.30	1.67
6/15/2010 11:30	0.852269	1.28	1.66
6/15/2010 11:45	0.876269	1.25	1.63
6/15/2010 12:00	0.902389	1.23	1.61
6/15/2010 12:15	0.933598	1.20	1.59
6/15/2010 12:30	0.97641	1.15	1.54
6/15/2010 12:45	1.030706	1.10	1.49
6/15/2010 13:00	1.089764	1.04	1.43
6/15/2010 13:15	1.140699	0.99	1.39
6/15/2010 13:30	1.190759	0.94	1.34
6/15/2010 13:45	1.242086	0.89	1.29
6/15/2010 14:00	1.286832	0.84	1.24
6/15/2010 14:15	1.335996	0.79	1.19
6/15/2010 14:30	1.394082	0.74	1.14
6/15/2010 14:45	1.452265	0.68	1.07
6/15/2010 15:00	1.509434	0.62	1.01
6/15/2010 15:15	1.568002	0.56	0.95
6/15/2010 15:30	1.62684	0.50	0.88
6/15/2010 15:45	1.678676	0.45	0.83
6/15/2010 16:00	1.730676	0.40	0.78
6/15/2010 16:15	1.778886	0.35	0.73
6/15/2010 16:30	1.819744	0.31	0.68
6/15/2010 16:45	1.855456	0.27	0.65
6/15/2010 17:00	1.887989	0.24	0.62
6/15/2010 17:15	1.909711	0.22	0.60
6/15/2010 17:30	1.917974	0.21	0.58
6/15/2010 17:45	1.915294	0.21	0.58
6/15/2010 18:00	1.902364	0.23	0.60
6/15/2010 18:15	1.865656	0.26	0.63
6/15/2010 18:30	1.827397	0.30	0.68

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/17/2010 16:31	1.974556	0.14	0.28
6/17/2010 16:46	2.039018	0.07	0.22
6/17/2010 17:01	2.102182	0.01	0.16
6/17/2010 17:16	2.160106	-0.05	0.11
6/17/2010 17:31	2.222418	-0.11	0.05
6/17/2010 17:46	2.283912	-0.17	0.00
6/17/2010 18:01	2.340041	-0.23	-0.06
6/17/2010 18:16	2.383797	-0.27	-0.09
6/17/2010 18:31	2.426724	-0.32	-0.13
6/17/2010 18:46	2.461573	-0.35	-0.16
6/17/2010 19:01	2.485683	-0.38	-0.19
6/17/2010 19:16	2.504753	-0.39	-0.19
6/17/2010 19:31	2.512732	-0.40	-0.19
6/17/2010 19:46	2.501846	-0.39	-0.18
6/17/2010 20:01	2.483883	-0.37	-0.16
6/17/2010 20:16	2.463817	-0.35	-0.14
6/17/2010 20:31	2.425623	-0.32	-0.10
6/17/2010 20:46	2.38315	-0.27	-0.04
6/17/2010 21:01	2.342802	-0.23	0.01
6/17/2010 21:16	2.296381	-0.19	0.05
6/17/2010 21:31	2.250928	-0.14	0.11
6/17/2010 21:46	2.199157	-0.09	0.18
6/17/2010 22:01	2.142532	-0.03	0.26
6/17/2010 22:16	2.089838	0.02	0.32
6/17/2010 22:31	2.031707	0.08	0.38
6/17/2010 22:46	1.964722	0.15	0.46
6/17/2010 23:01	1.904747	0.21	0.52
6/17/2010 23:16	1.85869	0.25	0.57
6/17/2010 23:31	1.835316	0.27	0.60
6/17/2010 23:46	1.827875	0.28	0.61
6/18/2010 0:01	1.838813	0.27	0.60
6/18/2010 0:16	1.84364	0.27	0.61
6/18/2010 0:31	1.825526	0.28	0.62
6/18/2010 0:46	1.80014	0.31	0.64
6/18/2010 1:01	1.777783	0.33	0.66
6/18/2010 1:16	1.772735	0.34	0.68
6/18/2010 1:31	1.785312	0.32	0.65
6/18/2010 1:46	1.817185	0.29	0.61
6/18/2010 2:01	1.861837	0.25	0.58
6/18/2010 2:16	1.906608	0.20	0.53
6/18/2010 2:31	1.945435	0.16	0.49
6/18/2010 2:46	1.975445	0.13	0.46
6/18/2010 3:01	2.000646	0.11	0.44
6/18/2010 3:16	2.032089	0.08	0.41
6/18/2010 3:31	2.071859	0.04	0.37
6/18/2010 3:46	2.12019	-0.01	0.32
6/18/2010 4:01	2.168273	-0.06	0.27
6/18/2010 4:16	2.21028	-0.10	0.23
6/18/2010 4:31	2.245991	-0.14	0.20
6/18/2010 4:46	2.283884	-0.17	0.16
6/18/2010 5:01	2.324784	-0.21	0.12
6/18/2010 5:16	2.357743	-0.25	0.10
6/18/2010 5:31	2.388891	-0.28	0.07
6/18/2010 5:46	2.417959	-0.31	0.04
6/18/2010 6:01	2.440198	-0.33	0.03
6/18/2010 6:16	2.463631	-0.35	0.02
6/18/2010 6:31	2.485816	-0.38	-0.01
6/18/2010 6:46	2.507216	-0.40	-0.02
6/18/2010 7:01	2.521236	-0.41	-0.03
6/18/2010 7:16	2.525347	-0.42	-0.03
6/18/2010 7:31	2.519976	-0.41	-0.01
6/18/2010 7:46	2.507555	-0.40	-0.01
6/18/2010 8:01	2.484257	-0.37	0.03
6/18/2010 8:16	2.455192	-0.35	0.05
6/18/2010 8:31	2.423576	-0.31	0.09
6/18/2010 8:46	2.383442	-0.27	0.13
6/18/2010 9:01	2.345627	-0.24	0.16
6/18/2010 9:16	2.304901	-0.19	0.21
6/18/2010 9:31	2.253246	-0.14	0.26

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/15/2010 18:45	1.782936	0.35	0.73
6/15/2010 19:00	1.737596	0.39	0.77
6/15/2010 19:15	1.698404	0.43	0.81
6/15/2010 19:30	1.650621	0.48	0.85
6/15/2010 19:45	1.595064	0.53	0.91
6/15/2010 20:00	1.52611	0.60	0.99
6/15/2010 20:15	1.454509	0.68	1.06
6/15/2010 20:30	1.38889	0.74	1.12
6/15/2010 20:45	1.328589	0.80	1.19
6/15/2010 21:00	1.28174	0.85	1.24
6/15/2010 21:15	1.238362	0.89	1.28
6/15/2010 21:30	1.196707	0.93	1.32
6/15/2010 21:45	1.151024	0.98	1.38
6/15/2010 22:00	1.106804	1.02	1.42
6/15/2010 22:15	1.073356	1.06	1.47
6/15/2010 22:30	1.046825	1.08	1.49
6/15/2010 22:45	1.035693	1.09	1.51
6/15/2010 23:00	1.035976	1.09	1.52
6/15/2010 23:15	1.047332	1.08	1.51
6/15/2010 23:30	1.056784	1.07	1.51
6/15/2010 23:45	1.074296	1.06	1.50
6/16/2010 0:00	1.095564	1.03	1.47
6/16/2010 0:15	1.111673	1.02	1.46
6/16/2010 0:30	1.145221	0.98	1.42
6/16/2010 0:45	1.186994	0.94	1.37
6/16/2010 1:00	1.22584	0.90	1.34
6/16/2010 1:15	1.267489	0.86	1.30
6/16/2010 1:30	1.306354	0.82	1.27
6/16/2010 1:45	1.344586	0.79	1.23
6/16/2010 2:00	1.385245	0.74	1.18
6/16/2010 2:15	1.422822	0.71	1.14
6/16/2010 2:30	1.463809	0.67	1.10
6/16/2010 2:45	1.495139	0.63	1.06
6/16/2010 3:00	1.516219	0.61	1.04
6/16/2010 3:15	1.542211	0.59	1.01
6/16/2010 3:30	1.575085	0.55	0.97
6/16/2010 3:45	1.597504	0.53	0.96
6/16/2010 4:00	1.620593	0.51	0.94
6/16/2010 4:15	1.637548	0.49	0.91
6/16/2010 4:30	1.645287	0.48	0.90
6/16/2010 4:45	1.645249	0.48	0.90
6/16/2010 5:00	1.634948	0.50	0.92
6/16/2010 5:15	1.625658	0.50	0.92
6/16/2010 5:30	1.603839	0.53	0.95
6/16/2010 5:45	1.578799	0.55	0.98
6/16/2010 6:00	1.542415	0.59	1.01
6/16/2010 6:15	1.488871	0.64	1.08
6/16/2010 6:30	1.436365	0.69	1.13
6/16/2010 6:45	1.371627	0.76	1.20
6/16/2010 7:00	1.313075	0.82	1.24
6/16/2010 7:15	1.258719	0.87	1.30
6/16/2010 7:30	1.192327	0.94	1.37
6/16/2010 7:45	1.127137	1.00	1.43
6/16/2010 8:00	1.063747	1.07	1.50
6/16/2010 8:15	0.997767	1.13	1.56
6/16/2010 8:30	0.936551	1.19	1.63
6/16/2010 8:45	0.863445	1.27	1.70
6/16/2010 9:00	0.800972	1.33	1.75
6/16/2010 9:15	0.73686	1.39	1.81
6/16/2010 9:30	0.673913	1.46	1.90
6/16/2010 9:45	0.639223	1.49	1.91
6/16/2010 10:00	0.588883	1.54	1.94
6/16/2010 10:15	0.555051	1.57	1.98
6/16/2010 10:30	0.512621	1.62	2.03
6/16/2010 10:45	0.477261	1.65	2.05
6/16/2010 11:00	0.44628	1.68	2.08
6/16/2010 11:15	0.442452	1.69	2.09
6/16/2010 11:30	0.45933	1.67	2.06
6/16/2010 11:45	0.470197	1.66	2.05

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/18/2010 9:46	2.200559	-0.09	0.30
6/18/2010 10:01	2.14385	-0.03	0.35
6/18/2010 10:16	2.084458	0.03	0.42
6/18/2010 10:31	2.027946	0.08	0.46
6/18/2010 10:46	1.968804	0.14	0.52
6/18/2010 11:01	1.909994	0.20	0.58
6/18/2010 11:16	1.853197	0.26	0.64
6/18/2010 11:31	1.797009	0.31	0.69
6/18/2010 11:46	1.74554	0.36	0.74
6/18/2010 12:01	1.695652	0.41	0.79
6/18/2010 12:16	1.649069	0.46	0.84
6/18/2010 12:31	1.610008	0.50	0.88
6/18/2010 12:46	1.579829	0.53	0.91
6/18/2010 13:01	1.552641	0.56	0.94
6/18/2010 13:16	1.531299	0.58	0.96
6/18/2010 13:31	1.516369	0.59	0.97
6/18/2010 13:46	1.506172	0.60	0.97
6/18/2010 14:01	1.503914	0.61	0.97
6/18/2010 14:16	1.512268	0.60	0.96
6/18/2010 14:31	1.529158	0.58	0.94
6/18/2010 14:46	1.550046	0.56	0.91
6/18/2010 15:01	1.57765	0.53	0.89
6/18/2010 15:16	1.611538	0.50	0.85
6/18/2010 15:31	1.64648	0.46	0.81
6/18/2010 15:46	1.684692	0.43	0.77
6/18/2010 16:01	1.724307	0.39	0.73
6/18/2010 16:16	1.764818	0.35	0.69
6/18/2010 16:31	1.803563	0.31	0.65
6/18/2010 16:46	1.84103	0.27	0.60
6/18/2010 17:01	1.880944	0.23	0.56
6/18/2010 17:16	1.925874	0.18	0.50
6/18/2010 17:31	1.966389	0.14	0.46
6/18/2010 17:46	2.002249	0.11	0.43
6/18/2010 18:01	2.03297	0.08	0.40
6/18/2010 18:16	2.061471	0.05	0.36
6/18/2010 18:31	2.087042	0.02	0.33
6/18/2010 18:46	2.110963	0.00	0.31
6/18/2010 19:01	2.140999	-0.03	0.28
6/18/2010 19:16	2.165691	-0.06	0.25
6/18/2010 19:31	2.186976	-0.08	0.24
6/18/2010 19:46	2.195946	-0.09	0.22
6/18/2010 20:01	2.19375	-0.08	0.23
6/18/2010 20:16	2.183836	-0.07	0.25
6/18/2010 20:31	2.158535	-0.05	0.26
6/18/2010 20:46	2.12555	-0.02	0.30
6/18/2010 21:01	2.093998	0.02	0.35
6/18/2010 21:16	2.052424	0.06	0.39
6/18/2010 21:31	2.009211	0.10	0.43
6/18/2010 21:46	1.965628	0.14	0.47
6/18/2010 22:01	1.909502	0.20	0.53
6/18/2010 22:16	1.842354	0.27	0.60
6/18/2010 22:31	1.774092	0.34	0.68
6/18/2010 22:46	1.707794	0.40	0.75
6/18/2010 23:01	1.64488	0.47	0.82
6/18/2010 23:16	1.587762	0.52	0.87
6/18/2010 23:31	1.527287	0.58	0.94
6/18/2010 23:46	1.468769	0.64	0.99
6/19/2010 0:01	1.407998	0.70	1.05
6/19/2010 0:16	1.35205	0.76	1.12
6/19/2010 0:31	1.303755	0.81	1.17
6/19/2010 0:46	1.261258	0.85	1.20
6/19/2010 1:01	1.228814	0.88	1.24
6/19/2010 1:16	1.2008	0.91	1.26
6/19/2010 1:31	1.177636	0.93	1.28
6/19/2010 1:46	1.158441	0.95	1.31
6/19/2010 2:01	1.138079	0.97	1.31
6/19/2010 2:16	1.126468	0.98	1.33
6/19/2010 2:31	1.123137	0.99	1.34
6/19/2010 2:46	1.133644	0.98	1.33

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/16/2010 12:00	0.490531	1.64	2.02
6/16/2010 12:15	0.507131	1.62	1.99
6/16/2010 12:30	0.527527	1.60	1.97
6/16/2010 12:45	0.552155	1.58	1.96
6/16/2010 13:00	0.581219	1.55	1.91
6/16/2010 13:15	0.621041	1.51	1.87
6/16/2010 13:30	0.660412	1.47	1.82
6/16/2010 13:45	0.699914	1.43	1.77
6/16/2010 14:00	0.726131	1.40	1.73
6/16/2010 14:15	0.750461	1.38	1.71
6/16/2010 14:30	0.790888	1.34	1.66
6/16/2010 14:45	0.859623	1.27	1.59
6/16/2010 15:00	0.932727	1.20	1.50
6/16/2010 15:15	0.997997	1.13	1.43
6/16/2010 15:30	1.043836	1.09	1.37
6/16/2010 15:45	1.073925	1.06	1.33
6/16/2010 16:00	1.108546	1.02	1.28
6/16/2010 16:15	1.155616	0.97	1.22
6/16/2010 16:30	1.211531	0.92	1.16
6/16/2010 16:45	1.269574	0.86	1.10
6/16/2010 17:00	1.329275	0.80	1.03
6/16/2010 17:15	1.375794	0.75	0.97
6/16/2010 17:30	1.413299	0.72	0.94
6/16/2010 17:45	1.444922	0.69	0.91
6/16/2010 18:00	1.46917	0.66	0.87
6/16/2010 18:15	1.493153	0.64	0.84
6/16/2010 18:30	1.499178	0.63	0.82
6/16/2010 18:45	1.498096	0.63	0.83
6/16/2010 19:00	1.487489	0.64	0.85
6/16/2010 19:15	1.46041	0.67	0.88
6/16/2010 19:30	1.442475	0.69	0.89
6/16/2010 19:45	1.418245	0.71	0.92
6/16/2010 20:00	1.384124	0.75	0.96
6/16/2010 20:15	1.342158	0.79	0.99
6/16/2010 20:30	1.285112	0.84	1.04
6/16/2010 20:45	1.224347	0.91	1.10
6/16/2010 21:00	1.16502	0.96	1.15
6/16/2010 21:15	1.10224	1.03	1.21
6/16/2010 21:30	1.050614	1.08	1.26
6/16/2010 21:45	0.994659	1.14	1.31
6/16/2010 22:00	0.938302	1.19	1.36
6/16/2010 22:15	0.899286	1.23	1.40
6/16/2010 22:30	0.856912	1.27	1.44
6/16/2010 22:45	0.833239	1.30	1.47
6/16/2010 23:00	0.813962	1.32	1.48
6/16/2010 23:15	0.792784	1.34	1.51
6/16/2010 23:30	0.783952	1.35	1.51
6/16/2010 23:45	0.761908	1.37	1.53
6/17/2010 0:00	0.760887	1.37	1.52
6/17/2010 0:15	0.765264	1.36	1.51
6/17/2010 0:30	0.785603	1.34	1.50
6/17/2010 0:45	0.823096	1.31	1.47
6/17/2010 1:00	0.854559	1.28	1.44
6/17/2010 1:15	0.886783	1.24	1.39
6/17/2010 1:30	0.922309	1.21	1.36
6/17/2010 1:45	0.952751	1.18	1.33
6/17/2010 2:00	0.995273	1.13	1.28
6/17/2010 2:15	1.03806	1.09	1.23
6/17/2010 2:30	1.086597	1.04	1.18
6/17/2010 2:45	1.135063	0.99	1.12
6/17/2010 3:00	1.182096	0.95	1.08
6/17/2010 3:15	1.234402	0.90	1.04
6/17/2010 3:30	1.273897	0.86	0.99
6/17/2010 3:45	1.312082	0.82	0.95
6/17/2010 4:00	1.349611	0.78	0.92
6/17/2010 4:15	1.387744	0.74	0.88
6/17/2010 4:30	1.433053	0.70	0.83
6/17/2010 4:45	1.474877	0.66	0.80
6/17/2010 5:00	1.513098	0.62	0.77

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/19/2010 3:01	1.154784	0.96	1.31
6/19/2010 3:16	1.183474	0.93	1.28
6/19/2010 3:31	1.214873	0.90	1.25
6/19/2010 3:46	1.248627	0.86	1.22
6/19/2010 4:01	1.27619	0.83	1.18
6/19/2010 4:16	1.30478	0.81	1.17
6/19/2010 4:31	1.336412	0.77	1.12
6/19/2010 4:46	1.372693	0.74	1.09
6/19/2010 5:01	1.407084	0.70	1.05
6/19/2010 5:16	1.445429	0.66	1.01
6/19/2010 5:31	1.485789	0.62	0.97
6/19/2010 5:46	1.520096	0.59	0.95
6/19/2010 6:01	1.554247	0.56	0.93
6/19/2010 6:16	1.587429	0.52	0.88
6/19/2010 6:31	1.616243	0.49	0.86
6/19/2010 6:46	1.639439	0.47	0.84
6/19/2010 7:01	1.663375	0.45	0.82
6/19/2010 7:16	1.684498	0.43	0.79
6/19/2010 7:31	1.707911	0.40	0.76
6/19/2010 7:46	1.721796	0.39	0.75
6/19/2010 8:01	1.736404	0.37	0.72
6/19/2010 8:16	1.740049	0.37	0.72
6/19/2010 8:31	1.732141	0.38	0.74
6/19/2010 8:46	1.721936	0.39	0.74
6/19/2010 9:01	1.7026	0.41	0.76
6/19/2010 9:16	1.671557	0.44	0.79
6/19/2010 9:31	1.638789	0.47	0.82
6/19/2010 9:46	1.608062	0.50	0.85
6/19/2010 10:01	1.581371	0.53	0.87
6/19/2010 10:16	1.545289	0.56	0.89
6/19/2010 10:31	1.504527	0.61	0.94
6/19/2010 10:46	1.453537	0.66	0.99
6/19/2010 11:01	1.394591	0.72	1.05
6/19/2010 11:16	1.340424	0.77	1.10
6/19/2010 11:31	1.291682	0.82	1.14
6/19/2010 11:46	1.249412	0.86	1.19
6/19/2010 12:01	1.20402	0.91	1.23
6/19/2010 12:16	1.162878	0.95	1.27
6/19/2010 12:31	1.12359	0.99	1.31
6/19/2010 12:46	1.084456	1.03	1.35
6/19/2010 13:01	1.04643	1.06	1.37
6/19/2010 13:16	1.01562	1.09	1.40
6/19/2010 13:31	0.988495	1.12	1.42
6/19/2010 13:46	0.970167	1.14	1.44
6/19/2010 14:01	0.964702	1.15	1.44
6/19/2010 14:16	0.962032	1.15	1.43
6/19/2010 14:31	0.968276	1.14	1.41
6/19/2010 14:46	0.974813	1.14	1.39
6/19/2010 15:01	0.982416	1.13	1.38
6/19/2010 15:16	1.003321	1.11	1.35
6/19/2010 15:31	1.023373	1.09	1.32
6/19/2010 15:46	1.05417	1.06	1.28
6/19/2010 16:01	1.089016	1.02	1.24
6/19/2010 16:16	1.12915	0.98	1.20
6/19/2010 16:31	1.171845	0.94	1.15
6/19/2010 16:46	1.212608	0.90	1.11
6/19/2010 17:01	1.248276	0.86	1.07
6/19/2010 17:16	1.281194	0.83	1.04
6/19/2010 17:31	1.318051	0.79	0.99
6/19/2010 17:46	1.356985	0.75	0.95
6/19/2010 18:01	1.395449	0.71	0.91
6/19/2010 18:16	1.443623	0.67	0.85
6/19/2010 18:31	1.488862	0.62	0.81
6/19/2010 18:46	1.533195	0.58	0.76
6/19/2010 19:01	1.580218	0.53	0.71
6/19/2010 19:16	1.622307	0.49	0.67
6/19/2010 19:31	1.659328	0.45	0.63
6/19/2010 19:46	1.694136	0.42	0.59
6/19/2010 20:01	1.726221	0.38	0.57

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/17/2010 5:15	1.547939	0.58	0.74
6/17/2010 5:30	1.573927	0.56	0.72
6/17/2010 5:45	1.605177	0.52	0.68
6/17/2010 6:00	1.628213	0.50	0.67
6/17/2010 6:15	1.644217	0.49	0.66
6/17/2010 6:30	1.648261	0.48	0.64
6/17/2010 6:45	1.63762	0.49	0.66
6/17/2010 7:00	1.626195	0.50	0.67
6/17/2010 7:15	1.604851	0.53	0.70
6/17/2010 7:30	1.577018	0.55	0.72
6/17/2010 7:45	1.547018	0.58	0.76
6/17/2010 8:00	1.508172	0.62	0.79
6/17/2010 8:15	1.469217	0.66	0.84
6/17/2010 8:30	1.427475	0.70	0.87
6/17/2010 8:45	1.389375	0.74	0.91
6/17/2010 9:00	1.343294	0.79	0.96
6/17/2010 9:15	1.2941	0.84	1.00
6/17/2010 9:30	1.25149	0.88	1.05
6/17/2010 9:45	1.209859	0.92	1.08
6/17/2010 10:00	1.154566	0.98	1.15
6/17/2010 10:15	1.108771	1.02	1.18
6/17/2010 10:30	1.080324	1.05	1.21
6/17/2010 10:45	1.052047	1.08	1.25
6/17/2010 11:00	1.026453	1.10	1.26
6/17/2010 11:15	1.013865	1.12	1.29
6/17/2010 11:30	0.991433	1.14	1.31
6/17/2010 11:45	0.981188	1.15	1.32
6/17/2010 12:00	1.001848	1.13	1.30
6/17/2010 12:15	1.008986	1.12	1.30
6/17/2010 12:30	1.02462	1.11	1.29
6/17/2010 12:45	1.055473	1.07	1.25
6/17/2010 13:00	1.089241	1.04	1.22
6/17/2010 13:15	1.112219	1.02	1.20
6/17/2010 13:30	1.128635	1.00	1.18
6/17/2010 13:45	1.176286	0.95	1.13
6/17/2010 14:00	1.219879	0.91	1.09
6/17/2010 14:15	1.271597	0.86	1.04
6/17/2010 14:30	1.326351	0.80	0.98
6/17/2010 14:45	1.370219	0.76	0.94
6/17/2010 15:00	1.420922	0.71	0.89
6/17/2010 15:15	1.47787	0.65	0.83
6/17/2010 15:30	1.530876	0.60	0.78
6/17/2010 15:45	1.592553	0.54	0.72
6/17/2010 16:00	1.655173	0.47	0.66
6/17/2010 16:15	1.717833	0.41	0.59
6/17/2010 16:30	1.783906	0.35	0.53
6/17/2010 16:45	1.849315	0.28	0.47
6/17/2010 17:00	1.906782	0.22	0.41
6/17/2010 17:15	1.964755	0.17	0.37
6/17/2010 17:30	2.028718	0.10	0.30
6/17/2010 17:45	2.090442	0.04	0.25
6/17/2010 18:00	2.141089	-0.01	0.20
6/17/2010 18:15	2.183711	-0.05	0.17
6/17/2010 18:30	2.222072	-0.09	0.14
6/17/2010 18:45	2.251238	-0.12	0.11
6/17/2010 19:00	2.270659	-0.14	0.09
6/17/2010 19:15	2.288564	-0.16	0.08
6/17/2010 19:30	2.288707	-0.16	0.09
6/17/2010 19:45	2.267876	-0.14	0.11
6/17/2010 20:00	2.249725	-0.12	0.13
6/17/2010 20:15	2.224215	-0.09	0.16
6/17/2010 20:30	2.177759	-0.05	0.21
6/17/2010 20:45	2.13547	-0.01	0.26
6/17/2010 21:00	2.092766	0.04	0.32
6/17/2010 21:15	2.044952	0.09	0.37
6/17/2010 21:30	1.99897	0.13	0.42
6/17/2010 21:45	1.941683	0.19	0.49
6/17/2010 22:00	1.88249	0.25	0.58
6/17/2010 22:15	1.831396	0.30	0.64

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/19/2010 20:16	1.752144	0.36	0.55
6/19/2010 20:31	1.767617	0.34	0.52
6/19/2010 20:46	1.778611	0.33	0.51
6/19/2010 21:01	1.782624	0.33	0.51
6/19/2010 21:16	1.770755	0.34	0.51
6/19/2010 21:31	1.749151	0.36	0.54
6/19/2010 21:46	1.722163	0.39	0.57
6/19/2010 22:01	1.673718	0.44	0.62
6/19/2010 22:16	1.613517	0.50	0.68
6/19/2010 22:31	1.559161	0.55	0.73
6/19/2010 22:46	1.503172	0.61	0.80
6/19/2010 23:01	1.437973	0.67	0.85
6/19/2010 23:16	1.379978	0.73	0.92
6/19/2010 23:31	1.320102	0.79	0.97
6/19/2010 23:46	1.25795	0.85	1.04
6/20/2010 0:01	1.194626	0.92	1.10
6/20/2010 0:16	1.126903	0.98	1.17
6/20/2010 0:31	1.060673	1.05	1.23
6/20/2010 0:46	0.995757	1.11	1.28
6/20/2010 1:01	0.937221	1.17	1.34
6/20/2010 1:16	0.887083	1.22	1.39
6/20/2010 1:31	0.842445	1.27	1.43
6/20/2010 1:46	0.799421	1.31	1.48
6/20/2010 2:01	0.76211	1.35	1.52
6/20/2010 2:16	0.733862	1.38	1.54
6/20/2010 2:31	0.706066	1.40	1.55
6/20/2010 2:46	0.688314	1.42	1.57
6/20/2010 3:01	0.672196	1.44	1.59
6/20/2010 3:16	0.665105	1.44	1.58
6/20/2010 3:31	0.666849	1.44	1.57
6/20/2010 3:46	0.678718	1.43	1.56
6/20/2010 4:01	0.699277	1.41	1.54
6/20/2010 4:16	0.72439	1.39	1.52
6/20/2010 4:31	0.74807	1.36	1.50
6/20/2010 4:46	0.776475	1.33	1.46
6/20/2010 5:01	0.804808	1.31	1.45
6/20/2010 5:16	0.845381	1.26	1.40
6/20/2010 5:31	0.887164	1.22	1.36
6/20/2010 5:46	0.929035	1.18	1.32
6/20/2010 6:01	0.969893	1.14	1.28
6/20/2010 6:16	1.014899	1.10	1.24
6/20/2010 6:31	1.061687	1.05	1.20
6/20/2010 6:46	1.106686	1.00	1.16
6/20/2010 7:01	1.157248	0.95	1.11
6/20/2010 7:16	1.205333	0.90	1.06
6/20/2010 7:31	1.253064	0.86	1.02
6/20/2010 7:46	1.302944	0.81	0.98
6/20/2010 8:01	1.354361	0.76	0.93
6/20/2010 8:16	1.403018	0.71	0.88
6/20/2010 8:31	1.450326	0.66	0.84
6/20/2010 8:46	1.495762	0.61	0.79
6/20/2010 9:01	1.533345	0.58	0.76
6/20/2010 9:16	1.568668	0.54	0.72
6/20/2010 9:31	1.602926	0.51	0.68
6/20/2010 9:46	1.63268	0.48	0.65
6/20/2010 10:01	1.657887	0.45	0.62
6/20/2010 10:16	1.677364	0.43	0.59
6/20/2010 10:31	1.683754	0.43	0.60
6/20/2010 10:46	1.683569	0.43	0.59
6/20/2010 11:01	1.675475	0.43	0.59
6/20/2010 11:16	1.661457	0.45	0.60
6/20/2010 11:31	1.64571	0.46	0.61
6/20/2010 11:46	1.629898	0.48	0.63
6/20/2010 12:01	1.60656	0.50	0.65
6/20/2010 12:16	1.587951	0.52	0.67
6/20/2010 12:31	1.563064	0.55	0.70
6/20/2010 12:46	1.538579	0.57	0.72
6/20/2010 13:01	1.511009	0.60	0.74
6/20/2010 13:16	1.486203	0.62	0.76

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/17/2010 22:30	1.767475	0.36	0.70
6/17/2010 22:45	1.700072	0.43	0.78
6/17/2010 23:00	1.645658	0.48	0.83
6/17/2010 23:15	1.608113	0.52	0.88
6/17/2010 23:30	1.594043	0.54	0.91
6/17/2010 23:45	1.597768	0.53	0.90
6/18/2010 0:00	1.614792	0.52	0.89
6/18/2010 0:15	1.608578	0.52	0.90
6/18/2010 0:30	1.585104	0.54	0.92
6/18/2010 0:45	1.558772	0.57	0.94
6/18/2010 1:00	1.539044	0.59	0.96
6/18/2010 1:15	1.544233	0.59	0.97
6/18/2010 1:30	1.564454	0.57	0.94
6/18/2010 1:45	1.607974	0.52	0.88
6/18/2010 2:00	1.656268	0.47	0.84
6/18/2010 2:15	1.699094	0.43	0.80
6/18/2010 2:30	1.733508	0.40	0.77
6/18/2010 2:45	1.761427	0.37	0.74
6/18/2010 3:00	1.787756	0.34	0.71
6/18/2010 3:15	1.822762	0.31	0.68
6/18/2010 3:30	1.867846	0.26	0.63
6/18/2010 3:45	1.917305	0.21	0.58
6/18/2010 4:00	1.96386	0.17	0.54
6/18/2010 4:15	2.002918	0.13	0.50
6/18/2010 4:30	2.038839	0.09	0.47
6/18/2010 4:45	2.079059	0.05	0.42
6/18/2010 5:00	2.117851	0.01	0.38
6/18/2010 5:15	2.147807	-0.02	0.37
6/18/2010 5:30	2.178779	-0.05	0.34
6/18/2010 5:45	2.202404	-0.07	0.32
6/18/2010 6:00	2.223725	-0.09	0.31
6/18/2010 6:15	2.250338	-0.12	0.29
6/18/2010 6:30	2.270766	-0.14	0.27
6/18/2010 6:45	2.291495	-0.16	0.26
6/18/2010 7:00	2.299945	-0.17	0.25
6/18/2010 7:15	2.297545	-0.17	0.26
6/18/2010 7:30	2.289049	-0.16	0.28
6/18/2010 7:45	2.273778	-0.14	0.29
6/18/2010 8:00	2.243866	-0.11	0.33
6/18/2010 8:15	2.212032	-0.08	0.36
6/18/2010 8:30	2.176394	-0.05	0.39
6/18/2010 8:45	2.133821	0.00	0.44
6/18/2010 9:00	2.096633	0.03	0.47
6/18/2010 9:15	2.048737	0.08	0.52
6/18/2010 9:30	1.991638	0.14	0.58
6/18/2010 9:45	1.934111	0.20	0.63
6/18/2010 10:00	1.869209	0.26	0.68
6/18/2010 10:15	1.806167	0.32	0.75
6/18/2010 10:30	1.746033	0.38	0.80
6/18/2010 10:45	1.684494	0.45	0.87
6/18/2010 11:00	1.625506	0.50	0.92
6/18/2010 11:15	1.570789	0.56	0.98
6/18/2010 11:30	1.519538	0.61	1.03
6/18/2010 11:45	1.469973	0.66	1.08
6/18/2010 12:00	1.420247	0.71	1.13
6/18/2010 12:15	1.379236	0.75	1.17
6/18/2010 12:30	1.346617	0.78	1.20
6/18/2010 12:45	1.322972	0.81	1.23
6/18/2010 13:00	1.29819	0.83	1.25
6/18/2010 13:15	1.283533	0.85	1.27
6/18/2010 13:30	1.273308	0.86	1.28
6/18/2010 13:45	1.26695	0.86	1.27
6/18/2010 14:00	1.271209	0.86	1.26
6/18/2010 14:15	1.286972	0.84	1.24
6/18/2010 14:30	1.304608	0.83	1.23
6/18/2010 14:45	1.32937	0.80	1.19
6/18/2010 15:00	1.35714	0.77	1.17
6/18/2010 15:15	1.395667	0.73	1.12
6/18/2010 15:30	1.432424	0.70	1.09

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/20/2010 13:31	1.462171	0.65	0.78
6/20/2010 13:46	1.443008	0.67	0.80
6/20/2010 14:01	1.43256	0.68	0.81
6/20/2010 14:16	1.42733	0.68	0.80
6/20/2010 14:31	1.427889	0.68	0.80
6/20/2010 14:46	1.433816	0.68	0.80
6/20/2010 15:01	1.44992	0.66	0.78
6/20/2010 15:16	1.467424	0.64	0.77
6/20/2010 15:31	1.480574	0.63	0.76
6/20/2010 15:46	1.503153	0.61	0.73
6/20/2010 16:01	1.538825	0.57	0.69
6/20/2010 16:16	1.567743	0.54	0.65
6/20/2010 16:31	1.603316	0.51	0.63
6/20/2010 16:46	1.652237	0.46	0.58
6/20/2010 17:01	1.699663	0.41	0.52
6/20/2010 17:16	1.745415	0.36	0.48
6/20/2010 17:31	1.789973	0.32	0.43
6/20/2010 17:46	1.832227	0.28	0.40
6/20/2010 18:01	1.873318	0.24	0.37
6/20/2010 18:16	1.913705	0.20	0.32
6/20/2010 18:31	1.953831	0.16	0.27
6/20/2010 18:46	1.996772	0.11	0.23
6/20/2010 19:01	2.026706	0.08	0.20
6/20/2010 19:16	2.062824	0.05	0.18
6/20/2010 19:31	2.108189	0.00	0.14
6/20/2010 19:46	2.150295	-0.04	0.09
6/20/2010 20:01	2.190184	-0.08	0.06
6/20/2010 20:16	2.226465	-0.12	0.02
6/20/2010 20:31	2.259057	-0.15	-0.01
6/20/2010 20:46	2.283352	-0.17	-0.02
6/20/2010 21:01	2.302387	-0.19	-0.03
6/20/2010 21:16	2.314474	-0.20	-0.04
6/20/2010 21:31	2.320492	-0.21	-0.03
6/20/2010 21:46	2.318813	-0.21	-0.02
6/20/2010 22:01	2.310171	-0.20	-0.01
6/20/2010 22:16	2.289969	-0.18	0.01
6/20/2010 22:31	2.260883	-0.15	0.05
6/20/2010 22:46	2.220823	-0.11	0.08
6/20/2010 23:01	2.173801	-0.06	0.14
6/20/2010 23:16	2.129276	-0.02	0.18
6/20/2010 23:31	2.081295	0.03	0.23
6/20/2010 23:46	2.026099	0.08	0.29
6/21/2010 0:01	1.965658	0.14	0.35
6/21/2010 0:16	1.896729	0.21	0.42
6/21/2010 0:31	1.824089	0.29	0.49
6/21/2010 0:46	1.754247	0.36	0.57
6/21/2010 1:01	1.6895	0.42	0.62
6/21/2010 1:16	1.628066	0.48	0.69
6/21/2010 1:31	1.562979	0.55	0.75
6/21/2010 1:46	1.501197	0.61	0.82
6/21/2010 2:01	1.441514	0.67	0.88
6/21/2010 2:16	1.38444	0.73	0.94
6/21/2010 2:31	1.334006	0.78	0.99
6/21/2010 2:46	1.287633	0.82	1.03
6/21/2010 3:01	1.245376	0.86	1.06
6/21/2010 3:16	1.214833	0.90	1.11
6/21/2010 3:31	1.186452	0.92	1.12
6/21/2010 3:46	1.164561	0.95	1.15
6/21/2010 4:01	1.148848	0.96	1.17
6/21/2010 4:16	1.144647	0.97	1.18
6/21/2010 4:31	1.151502	0.96	1.17
6/21/2010 4:46	1.162732	0.95	1.16
6/21/2010 5:01	1.188079	0.92	1.14
6/21/2010 5:16	1.218137	0.89	1.12
6/21/2010 5:31	1.247331	0.86	1.10
6/21/2010 5:46	1.282336	0.83	1.08
6/21/2010 6:01	1.319053	0.79	1.06
6/21/2010 6:16	1.35903	0.75	1.03
6/21/2010 6:31	1.405204	0.70	1.00

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/18/2010 15:45	1.471929	0.66	1.04
6/18/2010 16:00	1.512875	0.62	1.00
6/18/2010 16:15	1.552013	0.58	0.96
6/18/2010 16:30	1.5917	0.54	0.92
6/18/2010 16:45	1.629521	0.50	0.87
6/18/2010 17:00	1.669664	0.46	0.83
6/18/2010 17:15	1.716109	0.41	0.77
6/18/2010 17:30	1.75434	0.38	0.74
6/18/2010 17:45	1.789745	0.34	0.70
6/18/2010 18:00	1.820501	0.31	0.67
6/18/2010 18:15	1.844497	0.29	0.64
6/18/2010 18:30	1.867795	0.26	0.61
6/18/2010 18:45	1.895236	0.23	0.58
6/18/2010 19:00	1.924773	0.21	0.56
6/18/2010 19:15	1.949262	0.18	0.53
6/18/2010 19:30	1.96693	0.16	0.52
6/18/2010 19:45	1.969441	0.16	0.51
6/18/2010 20:00	1.965103	0.16	0.51
6/18/2010 20:15	1.950072	0.18	0.54
6/18/2010 20:30	1.915791	0.21	0.56
6/18/2010 20:45	1.884096	0.25	0.61
6/18/2010 21:00	1.846802	0.28	0.65
6/18/2010 21:15	1.805104	0.32	0.69
6/18/2010 21:30	1.761675	0.37	0.74
6/18/2010 21:45	1.715764	0.41	0.78
6/18/2010 22:00	1.653261	0.48	0.85
6/18/2010 22:15	1.582862	0.55	0.92
6/18/2010 22:30	1.514442	0.62	1.00
6/18/2010 22:45	1.446269	0.68	1.07
6/18/2010 23:00	1.387685	0.74	1.13
6/18/2010 23:15	1.327861	0.80	1.19
6/18/2010 23:30	1.267426	0.86	1.26
6/18/2010 23:45	1.209371	0.92	1.31
6/19/2010 0:00	1.145862	0.98	1.37
6/19/2010 0:15	1.091779	1.04	1.44
6/19/2010 0:30	1.045558	1.08	1.48
6/19/2010 0:45	1.008314	1.12	1.51
6/19/2010 1:00	0.97723	1.15	1.55
6/19/2010 1:15	0.951362	1.18	1.57
6/19/2010 1:30	0.930592	1.20	1.59
6/19/2010 1:45	0.913364	1.22	1.62
6/19/2010 2:00	0.897	1.23	1.61
6/19/2010 2:15	0.885528	1.24	1.63
6/19/2010 2:30	0.886494	1.24	1.63
6/19/2010 2:45	0.903393	1.23	1.62
6/19/2010 3:00	0.931006	1.20	1.59
6/19/2010 3:15	0.96279	1.17	1.56
6/19/2010 3:30	0.996717	1.13	1.52
6/19/2010 3:45	1.02794	1.10	1.50
6/19/2010 4:00	1.057224	1.07	1.46
6/19/2010 4:15	1.087413	1.04	1.44
6/19/2010 4:30	1.12127	1.01	1.40
6/19/2010 4:45	1.157973	0.97	1.36
6/19/2010 5:00	1.191268	0.94	1.33
6/19/2010 5:15	1.232443	0.90	1.29
6/19/2010 5:30	1.274149	0.86	1.25
6/19/2010 5:45	1.305704	0.82	1.22
6/19/2010 6:00	1.339068	0.79	1.20
6/19/2010 6:15	1.372797	0.76	1.16
6/19/2010 6:30	1.399109	0.73	1.14
6/19/2010 6:45	1.420553	0.71	1.12
6/19/2010 7:00	1.445379	0.68	1.09
6/19/2010 7:15	1.469203	0.66	1.06
6/19/2010 7:30	1.489572	0.64	1.04
6/19/2010 7:45	1.499655	0.63	1.03
6/19/2010 8:00	1.512387	0.62	1.01
6/19/2010 8:15	1.51063	0.62	1.01
6/19/2010 8:30	1.498904	0.63	1.03
6/19/2010 8:45	1.48967	0.64	1.03

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/21/2010 6:46	1.453091	0.66	0.96
6/21/2010 7:01	1.500658	0.61	0.91
6/21/2010 7:16	1.550388	0.56	0.86
6/21/2010 7:31	1.603078	0.51	0.82
6/21/2010 7:46	1.652118	0.46	0.77
6/21/2010 8:01	1.702114	0.41	0.73
6/21/2010 8:16	1.752322	0.36	0.69
6/21/2010 8:31	1.800951	0.31	0.63
6/21/2010 8:46	1.851187	0.26	0.58
6/21/2010 9:01	1.905778	0.20	0.51
6/21/2010 9:16	1.955506	0.15	0.46
6/21/2010 9:31	2.002821	0.11	0.43
6/21/2010 9:46	2.047801	0.06	0.38
6/21/2010 10:01	2.088755	0.02	0.34
6/21/2010 10:16	2.126961	-0.02	0.30
6/21/2010 10:31	2.164626	-0.05	0.27
6/21/2010 10:46	2.193679	-0.08	0.23
6/21/2010 11:01	2.210387	-0.10	0.21
6/21/2010 11:16	2.224719	-0.11	0.20
6/21/2010 11:31	2.232592	-0.12	0.19
6/21/2010 11:46	2.231431	-0.12	0.19
6/21/2010 12:01	2.226065	-0.12	0.19
6/21/2010 12:16	2.214001	-0.10	0.20
6/21/2010 12:31	2.203459	-0.09	0.22
6/21/2010 12:46	2.179516	-0.07	0.24
6/21/2010 13:01	2.153645	-0.04	0.26
6/21/2010 13:16	2.13693	-0.03	0.27
6/21/2010 13:31	2.105957	0.00	0.30
6/21/2010 13:46	2.069474	0.04	0.33
6/21/2010 14:01	2.039184	0.07	0.36
6/21/2010 14:16	2.003443	0.11	0.40
6/21/2010 14:31	1.967146	0.14	0.43
6/21/2010 14:46	1.93838	0.17	0.45
6/21/2010 15:01	1.922716	0.19	0.47
6/21/2010 15:16	1.907409	0.20	0.49
6/21/2010 15:31	1.889289	0.22	0.51
6/21/2010 15:46	1.878398	0.23	0.52
6/21/2010 16:01	1.870409	0.24	0.52
6/21/2010 16:16	1.865002	0.24	0.52
6/21/2010 16:31	1.86673	0.24	0.52
6/21/2010 16:46	1.884759	0.23	0.51
6/21/2010 17:01	1.908637	0.20	0.48
6/21/2010 17:16	1.935075	0.17	0.45
6/21/2010 17:31	1.966913	0.14	0.42
6/21/2010 17:46	2.004845	0.11	0.39
6/21/2010 18:01	2.036731	0.07	0.35
6/21/2010 18:16	2.067392	0.04	0.32
6/21/2010 18:31	2.100987	0.01	0.30
6/21/2010 18:46	2.132121	-0.02	0.26
6/21/2010 19:01	2.15641	-0.05	0.24
6/21/2010 19:16	2.184893	-0.07	0.22
6/21/2010 19:31	2.217516	-0.11	0.18
6/21/2010 19:46	2.252414	-0.14	0.16
6/21/2010 20:01	2.28485	-0.17	0.13
6/21/2010 20:16	2.320661	-0.21	0.09
6/21/2010 20:31	2.352698	-0.24	0.07
6/21/2010 20:46	2.37829	-0.27	0.04
6/21/2010 21:01	2.401025	-0.29	0.02
6/21/2010 21:16	2.422843	-0.31	0.01
6/21/2010 21:31	2.443357	-0.33	-0.01
6/21/2010 21:46	2.457882	-0.35	-0.03
6/21/2010 22:01	2.468516	-0.36	-0.03
6/21/2010 22:16	2.469851	-0.36	-0.02
6/21/2010 22:31	2.463824	-0.35	-0.02
6/21/2010 22:46	2.454203	-0.34	-0.01
6/21/2010 23:01	2.43089	-0.32	0.02
6/21/2010 23:16	2.406327	-0.30	0.03
6/21/2010 23:31	2.36625	-0.26	0.07
6/21/2010 23:46	2.313419	-0.20	0.12

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/19/2010 9:00	1.465349	0.66	1.05
6/19/2010 9:15	1.427924	0.70	1.09
6/19/2010 9:30	1.396544	0.73	1.12
6/19/2010 9:45	1.366823	0.76	1.15
6/19/2010 10:00	1.337601	0.79	1.17
6/19/2010 10:15	1.298321	0.83	1.20
6/19/2010 10:30	1.25407	0.88	1.25
6/19/2010 10:45	1.194109	0.94	1.31
6/19/2010 11:00	1.131451	1.00	1.37
6/19/2010 11:15	1.081362	1.05	1.42
6/19/2010 11:30	1.035022	1.09	1.45
6/19/2010 11:45	0.990626	1.14	1.51
6/19/2010 12:00	0.948522	1.18	1.54
6/19/2010 12:15	0.906947	1.22	1.58
6/19/2010 12:30	0.864399	1.27	1.63
6/19/2010 12:45	0.826322	1.30	1.66
6/19/2010 13:00	0.792335	1.34	1.69
6/19/2010 13:15	0.762246	1.37	1.72
6/19/2010 13:30	0.735326	1.39	1.73
6/19/2010 13:45	0.724105	1.41	1.75
6/19/2010 14:00	0.722923	1.41	1.74
6/19/2010 14:15	0.724393	1.41	1.73
6/19/2010 14:30	0.733335	1.40	1.70
6/19/2010 14:45	0.739992	1.39	1.68
6/19/2010 15:00	0.751721	1.38	1.67
6/19/2010 15:15	0.776244	1.35	1.63
6/19/2010 15:30	0.798014	1.33	1.60
6/19/2010 15:45	0.83164	1.30	1.56
6/19/2010 16:00	0.867925	1.26	1.52
6/19/2010 16:15	0.910071	1.22	1.48
6/19/2010 16:30	0.954589	1.18	1.43
6/19/2010 16:45	0.994017	1.14	1.39
6/19/2010 17:00	1.025479	1.10	1.35
6/19/2010 17:15	1.060149	1.07	1.32
6/19/2010 17:30	1.101188	1.03	1.27
6/19/2010 17:45	1.139842	0.99	1.23
6/19/2010 18:00	1.181368	0.95	1.19
6/19/2010 18:15	1.230207	0.90	1.12
6/19/2010 18:30	1.273767	0.86	1.09
6/19/2010 18:45	1.32326	0.81	1.03
6/19/2010 19:00	1.367682	0.76	0.98
6/19/2010 19:15	1.409392	0.72	0.94
6/19/2010 19:30	1.443163	0.69	0.91
6/19/2010 19:45	1.478495	0.65	0.86
6/19/2010 20:00	1.508968	0.62	0.85
6/19/2010 20:15	1.530314	0.60	0.83
6/19/2010 20:30	1.54214	0.59	0.81
6/19/2010 20:45	1.55339	0.58	0.80
6/19/2010 21:00	1.550944	0.58	0.80
6/19/2010 21:15	1.533655	0.60	0.81
6/19/2010 21:30	1.509579	0.62	0.84
6/19/2010 21:45	1.478353	0.65	0.87
6/19/2010 22:00	1.42145	0.71	0.93
6/19/2010 22:15	1.358984	0.77	0.99
6/19/2010 22:30	1.305322	0.82	1.04
6/19/2010 22:45	1.244748	0.89	1.12
6/19/2010 23:00	1.174788	0.96	1.18
6/19/2010 23:15	1.122346	1.01	1.24
6/19/2010 23:30	1.056744	1.07	1.29
6/19/2010 23:45	0.994812	1.14	1.37
6/20/2010 0:00	0.932465	1.20	1.42
6/20/2010 0:15	0.85827	1.27	1.50
6/20/2010 0:30	0.794326	1.34	1.56
6/20/2010 0:45	0.728406	1.40	1.61
6/20/2010 1:00	0.67362	1.46	1.67
6/20/2010 1:15	0.626716	1.50	1.71
6/20/2010 1:30	0.583297	1.55	1.75
6/20/2010 1:45	0.53845	1.59	1.80
6/20/2010 2:00	0.506236	1.62	1.83

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/22/2010 0:01	2.262071	-0.15	0.17
6/22/2010 0:16	2.206264	-0.10	0.23
6/22/2010 0:31	2.146389	-0.04	0.29
6/22/2010 0:46	2.07855	0.03	0.36
6/22/2010 1:01	2.012618	0.10	0.43
6/22/2010 1:16	1.941026	0.17	0.50
6/22/2010 1:31	1.868672	0.24	0.57
6/22/2010 1:46	1.795498	0.31	0.64
6/22/2010 2:01	1.729875	0.38	0.71
6/22/2010 2:16	1.662436	0.45	0.78
6/22/2010 2:31	1.598855	0.51	0.83
6/22/2010 2:46	1.537658	0.57	0.89
6/22/2010 3:01	1.473621	0.64	0.96
6/22/2010 3:16	1.414847	0.70	1.02
6/22/2010 3:31	1.363074	0.75	1.07
6/22/2010 3:46	1.315144	0.79	1.13
6/22/2010 4:01	1.274919	0.84	1.18
6/22/2010 4:16	1.239647	0.87	1.21
6/22/2010 4:31	1.207924	0.90	1.25
6/22/2010 4:46	1.181996	0.93	1.27
6/22/2010 5:01	1.162521	0.95	1.30
6/22/2010 5:16	1.157848	0.95	1.30
6/22/2010 5:31	1.166586	0.94	1.30
6/22/2010 5:46	1.181186	0.93	1.28
6/22/2010 6:01	1.196191	0.91	1.27
6/22/2010 6:16	1.217889	0.89	1.25
6/22/2010 6:31	1.242569	0.87	1.24
6/22/2010 6:46	1.276841	0.83	1.20
6/22/2010 7:01	1.316762	0.79	1.17
6/22/2010 7:16	1.357414	0.75	1.12
6/22/2010 7:31	1.399965	0.71	1.09
6/22/2010 7:46	1.438671	0.67	1.05
6/22/2010 8:01	1.480815	0.63	1.01
6/22/2010 8:16	1.525544	0.58	0.96
6/22/2010 8:31	1.572476	0.54	0.92
6/22/2010 8:46	1.619028	0.49	0.87
6/22/2010 9:01	1.6666	0.44	0.82
6/22/2010 9:16	1.711387	0.40	0.77
6/22/2010 9:31	1.753991	0.36	0.73
6/22/2010 9:46	1.799664	0.31	0.69
6/22/2010 10:01	1.845367	0.26	0.64
6/22/2010 10:16	1.891671	0.22	0.59
6/22/2010 10:31	1.935618	0.17	0.54
6/22/2010 10:46	1.976633	0.13	0.50
6/22/2010 11:01	2.014131	0.10	0.47
6/22/2010 11:16	2.049909	0.06	0.43
6/22/2010 11:31	2.080003	0.03	0.40
6/22/2010 11:46	2.102139	0.01	0.38
6/22/2010 12:01	2.116192	-0.01	0.36
6/22/2010 12:16	2.118196	-0.01	0.35
6/22/2010 12:31	2.113505	0.00	0.36
6/22/2010 12:46	2.10276	0.01	0.36
6/22/2010 13:01	2.083553	0.03	0.37
6/22/2010 13:16	2.053216	0.06	0.39
6/22/2010 13:31	2.025568	0.08	0.40
6/22/2010 13:46	1.994216	0.12	0.43
6/22/2010 14:01	1.954924	0.16	0.46
6/22/2010 14:16	1.911826	0.20	0.49
6/22/2010 14:31	1.86728	0.24	0.53
6/22/2010 14:46	1.81662	0.29	0.58
6/22/2010 15:01	1.767037	0.34	0.62
6/22/2010 15:16	1.729267	0.38	0.66
6/22/2010 15:31	1.689589	0.42	0.69
6/22/2010 15:46	1.654697	0.46	0.73
6/22/2010 16:01	1.622212	0.49	0.76
6/22/2010 16:16	1.586638	0.52	0.77
6/22/2010 16:31	1.554542	0.56	0.79
6/22/2010 16:46	1.528911	0.58	0.81
6/22/2010 17:01	1.518965	0.59	0.81

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/20/2010 2:15	0.478562	1.65	1.85
6/20/2010 2:30	0.453872	1.68	1.87
6/20/2010 2:45	0.437844	1.69	1.88
6/20/2010 3:00	0.426872	1.70	1.89
6/20/2010 3:15	0.423408	1.71	1.89
6/20/2010 3:30	0.429598	1.70	1.87
6/20/2010 3:45	0.444158	1.69	1.86
6/20/2010 4:00	0.472328	1.66	1.83
6/20/2010 4:15	0.49646	1.63	1.80
6/20/2010 4:30	0.520307	1.61	1.79
6/20/2010 4:45	0.552466	1.58	1.75
6/20/2010 5:00	0.582825	1.55	1.73
6/20/2010 5:15	0.629404	1.50	1.68
6/20/2010 5:30	0.670421	1.46	1.64
6/20/2010 5:45	0.712905	1.42	1.60
6/20/2010 6:00	0.753613	1.38	1.56
6/20/2010 6:15	0.799908	1.33	1.51
6/20/2010 6:30	0.848254	1.28	1.47
6/20/2010 6:45	0.89671	1.23	1.43
6/20/2010 7:00	0.945892	1.18	1.38
6/20/2010 7:15	0.99353	1.14	1.34
6/20/2010 7:30	1.04261	1.09	1.29
6/20/2010 7:45	1.096989	1.03	1.24
6/20/2010 8:00	1.146318	0.98	1.19
6/20/2010 8:15	1.193975	0.94	1.15
6/20/2010 8:30	1.243239	0.89	1.11
6/20/2010 8:45	1.284318	0.85	1.07
6/20/2010 9:00	1.31925	0.81	1.03
6/20/2010 9:15	1.357556	0.77	0.99
6/20/2010 9:30	1.389191	0.74	0.95
6/20/2010 9:45	1.417639	0.71	0.92
6/20/2010 10:00	1.44074	0.69	0.90
6/20/2010 10:15	1.456216	0.67	0.87
6/20/2010 10:30	1.456035	0.67	0.88
6/20/2010 10:45	1.452145	0.68	0.88
6/20/2010 11:00	1.443446	0.69	0.89
6/20/2010 11:15	1.423573	0.71	0.90
6/20/2010 11:30	1.409763	0.72	0.91
6/20/2010 11:45	1.38978	0.74	0.93
6/20/2010 12:00	1.36654	0.76	0.95
6/20/2010 12:15	1.346132	0.78	0.97
6/20/2010 12:30	1.320614	0.81	1.00
6/20/2010 12:45	1.294073	0.84	1.03
6/20/2010 13:00	1.267617	0.86	1.04
6/20/2010 13:15	1.241851	0.89	1.07
6/20/2010 13:30	1.219248	0.91	1.08
6/20/2010 13:45	1.202604	0.93	1.10
6/20/2010 14:00	1.193446	0.94	1.11
6/20/2010 14:15	1.191594	0.94	1.10
6/20/2010 14:30	1.194605	0.94	1.10
6/20/2010 14:45	1.20436	0.93	1.09
6/20/2010 15:00	1.219734	0.91	1.07
6/20/2010 15:15	1.238289	0.89	1.06
6/20/2010 15:30	1.252831	0.88	1.05
6/20/2010 15:45	1.280105	0.85	1.01
6/20/2010 16:00	1.316359	0.81	0.97
6/20/2010 16:15	1.343281	0.79	0.94
6/20/2010 16:30	1.386483	0.74	0.90
6/20/2010 16:45	1.437456	0.69	0.85
6/20/2010 17:00	1.486034	0.64	0.79
6/20/2010 17:15	1.532451	0.60	0.76
6/20/2010 17:30	1.577587	0.55	0.70
6/20/2010 17:45	1.619949	0.51	0.67
6/20/2010 18:00	1.659037	0.47	0.64
6/20/2010 18:15	1.69826	0.43	0.59
6/20/2010 18:30	1.740876	0.39	0.54
6/20/2010 18:45	1.782795	0.35	0.51
6/20/2010 19:00	1.807989	0.32	0.48
6/20/2010 19:15	1.847053	0.28	0.45

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/22/2010 17:16	1.514914	0.60	0.82
6/22/2010 17:31	1.51511	0.59	0.80
6/22/2010 17:46	1.52198	0.59	0.80
6/22/2010 18:01	1.532371	0.58	0.79
6/22/2010 18:16	1.550552	0.56	0.77
6/22/2010 18:31	1.566939	0.54	0.75
6/22/2010 18:46	1.585476	0.52	0.72
6/22/2010 19:01	1.607937	0.50	0.70
6/22/2010 19:16	1.63151	0.48	0.72
6/22/2010 19:31	1.660681	0.45	0.66
6/22/2010 19:46	1.689359	0.42	0.62
6/22/2010 20:01	1.703084	0.41	0.63
6/22/2010 20:16	1.705519	0.40	0.60
6/22/2010 20:31	1.756885	0.35	0.56
6/22/2010 20:46	1.768392	0.34	0.55
6/22/2010 21:01	1.775439	0.33	0.54
6/22/2010 21:16	1.81913	0.29	0.51
6/22/2010 21:31	1.840055	0.27	0.51
6/22/2010 21:46	1.866385	0.24	0.48
6/22/2010 22:01	1.882889	0.23	0.48
6/22/2010 22:16	1.89381	0.22	0.49
6/22/2010 22:31	1.925076	0.18	0.45
6/22/2010 22:46	1.939501	0.17	0.44
6/22/2010 23:01	1.950149	0.16	0.44
6/22/2010 23:16	1.96076	0.15	0.42
6/22/2010 23:31	1.931082	0.18	0.46
6/22/2010 23:46	1.946303	0.16	0.45
6/23/2010 0:01	2.01061	0.10	0.38
6/23/2010 0:16	2.007741	0.10	0.38
6/23/2010 0:31	1.970095	0.14	0.41
6/23/2010 0:46	1.886818	0.22	0.47
6/23/2010 1:01	1.758653	0.35	0.62
6/23/2010 1:16	1.692913	0.42	0.67
6/23/2010 1:31	1.654577	0.46	0.71
6/23/2010 1:46	1.635961	0.47	0.72
6/23/2010 2:01	1.628641	0.48	0.72
6/23/2010 2:16	1.560309	0.55	0.79
6/23/2010 2:31	1.475937	0.63	0.87
6/23/2010 2:46	1.392751	0.72	0.96
6/23/2010 3:01	1.307061	0.80	1.02
6/23/2010 3:16	1.254256	0.86	1.09
6/23/2010 3:31	1.209962	0.90	1.13
6/23/2010 3:46	1.161702	0.95	1.18
6/23/2010 4:01	1.10711	1.00	1.23
6/23/2010 4:16	1.050423	1.06	1.29
6/23/2010 4:31	0.994604	1.12	1.35
6/23/2010 4:46	0.940201	1.17	1.40
6/23/2010 5:01	0.906306	1.20	1.44
6/23/2010 5:16	0.880848	1.23	1.48
6/23/2010 5:31	0.865142	1.24	1.49
6/23/2010 5:46	0.863922	1.25	1.49
6/23/2010 6:01	0.856897	1.25	1.48
6/23/2010 6:16	0.850474	1.26	1.49
6/23/2010 6:31	0.850785	1.26	1.50
6/23/2010 6:46	0.863829	1.25	1.50
6/23/2010 7:01	0.889499	1.22	1.49
6/23/2010 7:16	0.930351	1.18	1.45
6/23/2010 7:31	0.979992	1.13	1.41
6/23/2010 7:46	1.027145	1.08	1.37
6/23/2010 8:01	1.071218	1.04	1.33
6/23/2010 8:16	1.111159	1.00	1.30
6/23/2010 8:31	1.151347	0.96	1.26
6/23/2010 8:46	1.197798	0.91	1.21
6/23/2010 9:01	1.248049	0.86	1.16
6/23/2010 9:16	1.306367	0.80	1.10
6/23/2010 9:31	1.358289	0.75	1.04
6/23/2010 9:46	1.408177	0.70	0.99
6/23/2010 10:01	1.459757	0.65	0.93
6/23/2010 10:16	1.512547	0.60	0.88

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/20/2010 19:30	1.896883	0.23	0.41
6/20/2010 19:45	1.936817	0.19	0.36
6/20/2010 20:00	1.977868	0.15	0.33
6/20/2010 20:15	2.011715	0.12	0.30
6/20/2010 20:30	2.041959	0.09	0.27
6/20/2010 20:45	2.063351	0.07	0.26
6/20/2010 21:00	2.07944	0.05	0.25
6/20/2010 21:15	2.089618	0.04	0.24
6/20/2010 21:30	2.093837	0.04	0.26
6/20/2010 21:45	2.088158	0.04	0.27
6/20/2010 22:00	2.075143	0.05	0.28
6/20/2010 22:15	2.051658	0.08	0.31
6/20/2010 22:30	2.018641	0.11	0.35
6/20/2010 22:45	1.975341	0.15	0.38
6/20/2010 23:00	1.925354	0.20	0.44
6/20/2010 23:15	1.882422	0.25	0.49
6/20/2010 23:30	1.831645	0.30	0.54
6/20/2010 23:45	1.772214	0.36	0.61
6/21/2010 0:00	1.70938	0.42	0.67
6/21/2010 0:15	1.634274	0.50	0.75
6/21/2010 0:30	1.561898	0.57	0.81
6/21/2010 0:45	1.4953	0.63	0.88
6/21/2010 1:00	1.430148	0.70	0.94
6/21/2010 1:15	1.368418	0.76	1.01
6/21/2010 1:30	1.299089	0.83	1.07
6/21/2010 1:45	1.241526	0.89	1.14
6/21/2010 2:00	1.181348	0.95	1.20
6/21/2010 2:15	1.12467	1.01	1.26
6/21/2010 2:30	1.076318	1.05	1.30
6/21/2010 2:45	1.030452	1.10	1.35
6/21/2010 3:00	0.995344	1.13	1.37
6/21/2010 3:15	0.964138	1.17	1.42
6/21/2010 3:30	0.936995	1.19	1.43
6/21/2010 3:45	0.921168	1.21	1.45
6/21/2010 4:00	0.905428	1.22	1.47
6/21/2010 4:15	0.90903	1.22	1.47
6/21/2010 4:30	0.91616	1.21	1.46
6/21/2010 4:45	0.933811	1.20	1.45
6/21/2010 5:00	0.964084	1.17	1.43
6/21/2010 5:15	0.995023	1.13	1.40
6/21/2010 5:30	1.025429	1.10	1.38
6/21/2010 5:45	1.061858	1.07	1.36
6/21/2010 6:00	1.100344	1.03	1.33
6/21/2010 6:15	1.143075	0.99	1.31
6/21/2010 6:30	1.19359	0.94	1.28
6/21/2010 6:45	1.237316	0.89	1.23
6/21/2010 7:00	1.290343	0.84	1.18
6/21/2010 7:15	1.340015	0.79	1.13
6/21/2010 7:30	1.392158	0.74	1.09
6/21/2010 7:45	1.445347	0.68	1.03
6/21/2010 8:00	1.492953	0.64	1.00
6/21/2010 8:15	1.54301	0.59	0.96
6/21/2010 8:30	1.592841	0.54	0.90
6/21/2010 8:45	1.645427	0.48	0.84
6/21/2010 9:00	1.698647	0.43	0.78
6/21/2010 9:15	1.752538	0.38	0.73
6/21/2010 9:30	1.794228	0.34	0.70
6/21/2010 9:45	1.838107	0.29	0.65
6/21/2010 10:00	1.879314	0.25	0.61
6/21/2010 10:15	1.915056	0.21	0.57
6/21/2010 10:30	1.952049	0.18	0.54
6/21/2010 10:45	1.977148	0.15	0.50
6/21/2010 11:00	1.990381	0.14	0.49
6/21/2010 11:15	2.002393	0.13	0.48
6/21/2010 11:30	2.00541	0.12	0.47
6/21/2010 11:45	2.000698	0.13	0.48
6/21/2010 12:00	1.992188	0.14	0.49
6/21/2010 12:15	1.981456	0.15	0.49
6/21/2010 12:30	1.968446	0.16	0.51

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/23/2010 10:31	1.570046	0.54	0.82
6/23/2010 10:46	1.628036	0.48	0.76
6/23/2010 11:01	1.681429	0.43	0.70
6/23/2010 11:16	1.735407	0.37	0.65
6/23/2010 11:31	1.784157	0.33	0.60
6/23/2010 11:46	1.834114	0.28	0.55
6/23/2010 12:01	1.880372	0.23	0.48
6/23/2010 12:16	1.918097	0.19	0.44
6/23/2010 12:31	1.952578	0.16	0.40
6/23/2010 12:46	1.980168	0.13	0.37
6/23/2010 13:01	1.989573	0.12	0.36
6/23/2010 13:16	1.986006	0.12	0.36
6/23/2010 13:31	1.986285	0.12	0.35
6/23/2010 13:46	1.985229	0.12	0.35
6/23/2010 14:01	1.983444	0.13	0.36
6/23/2010 14:16	1.976155	0.13	0.36
6/23/2010 14:31	1.965721	0.14	0.36
6/23/2010 14:46	1.946325	0.16	0.37
6/23/2010 15:01	1.916318	0.19	0.41
6/23/2010 15:16	1.889342	0.22	0.43
6/23/2010 15:31	1.861335	0.25	0.46
6/23/2010 15:46	1.82035	0.29	0.49
6/23/2010 16:01	1.7855	0.32	0.52
6/23/2010 16:16	1.75414	0.36	0.55
6/23/2010 16:31	1.728464	0.38	0.57
6/23/2010 16:46	1.710007	0.40	0.58
6/23/2010 17:01	1.698384	0.41	0.58
6/23/2010 17:16	1.69408	0.42	0.59
6/23/2010 17:31	1.687536	0.42	0.58
6/23/2010 17:46	1.684861	0.43	0.59
6/23/2010 18:01	1.687775	0.42	0.58
6/23/2010 18:16	1.690478	0.42	0.59
6/23/2010 18:31	1.699686	0.41	0.58
6/23/2010 18:46	1.721737	0.39	0.56
6/23/2010 19:01	1.741594	0.37	0.54
6/23/2010 19:16	1.767992	0.34	0.52
6/23/2010 19:31	1.792849	0.32	0.50
6/23/2010 19:46	1.817522	0.29	0.47
6/23/2010 20:01	1.84406	0.27	0.45
6/23/2010 20:16	1.872516	0.24	0.41
6/23/2010 20:31	1.909491	0.20	0.37
6/23/2010 20:46	1.947908	0.16	0.33
6/23/2010 21:01	1.983226	0.13	0.30
6/23/2010 21:16	2.016491	0.09	0.26
6/23/2010 21:31	2.046075	0.06	0.24
6/23/2010 21:46	2.074963	0.04	0.20
6/23/2010 22:01	2.105733	0.00	0.16
6/23/2010 22:16	2.137805	-0.03	0.12
6/23/2010 22:31	2.169902	-0.06	0.09
6/23/2010 22:46	2.199763	-0.09	0.05
6/23/2010 23:01	2.229927	-0.12	0.01
6/23/2010 23:16	2.25654	-0.15	-0.03
6/23/2010 23:31	2.275883	-0.17	-0.05
6/23/2010 23:46	2.290321	-0.18	-0.06
6/24/2010 0:01	2.296343	-0.19	-0.06
6/24/2010 0:16	2.295208	-0.19	-0.05
6/24/2010 0:31	2.290777	-0.18	-0.04
6/24/2010 0:46	2.272504	-0.16	-0.02
6/24/2010 1:01	2.248115	-0.14	0.01
6/24/2010 1:16	2.223555	-0.11	0.04
6/24/2010 1:31	2.188502	-0.08	0.06
6/24/2010 1:46	2.144061	-0.03	0.11
6/24/2010 2:01	2.092914	0.02	0.16
6/24/2010 2:16	2.031756	0.08	0.23
6/24/2010 2:31	1.96757	0.14	0.28
6/24/2010 2:46	1.901151	0.21	0.35
6/24/2010 3:01	1.831585	0.28	0.41
6/24/2010 3:16	1.763356	0.35	0.48
6/24/2010 3:31	1.687132	0.42	0.54

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/21/2010 12:45	1.939059	0.19	0.54
6/21/2010 13:00	1.913988	0.22	0.56
6/21/2010 13:15	1.899173	0.23	0.57
6/21/2010 13:30	1.860235	0.27	0.61
6/21/2010 13:45	1.825938	0.30	0.63
6/21/2010 14:00	1.794877	0.34	0.67
6/21/2010 14:15	1.755687	0.37	0.70
6/21/2010 14:30	1.719294	0.41	0.74
6/21/2010 14:45	1.695581	0.43	0.75
6/21/2010 15:00	1.683562	0.45	0.77
6/21/2010 15:15	1.667868	0.46	0.79
6/21/2010 15:30	1.649994	0.48	0.81
6/21/2010 15:45	1.642249	0.49	0.82
6/21/2010 16:00	1.633616	0.50	0.82
6/21/2010 16:15	1.628995	0.50	0.82
6/21/2010 16:30	1.637173	0.49	0.81
6/21/2010 16:45	1.659808	0.47	0.79
6/21/2010 17:00	1.683204	0.45	0.77
6/21/2010 17:15	1.71168	0.42	0.74
6/21/2010 17:30	1.747259	0.38	0.70
6/21/2010 17:45	1.785569	0.34	0.66
6/21/2010 18:00	1.81413	0.32	0.64
6/21/2010 18:15	1.845849	0.28	0.60
6/21/2010 18:30	1.880563	0.25	0.58
6/21/2010 18:45	1.910404	0.22	0.54
6/21/2010 19:00	1.933841	0.20	0.53
6/21/2010 19:15	1.965394	0.16	0.49
6/21/2010 19:30	1.998964	0.13	0.46
6/21/2010 19:45	2.032416	0.10	0.44
6/21/2010 20:00	2.067561	0.06	0.40
6/21/2010 20:15	2.102581	0.03	0.37
6/21/2010 20:30	2.13334	0.00	0.35
6/21/2010 20:45	2.156196	-0.03	0.32
6/21/2010 21:00	2.178973	-0.05	0.30
6/21/2010 21:15	2.201461	-0.07	0.29
6/21/2010 21:30	2.219594	-0.09	0.27
6/21/2010 21:45	2.233714	-0.10	0.26
6/21/2010 22:00	2.240309	-0.11	0.26
6/21/2010 22:15	2.239765	-0.11	0.27
6/21/2010 22:30	2.233181	-0.10	0.27
6/21/2010 22:45	2.217169	-0.09	0.28
6/21/2010 23:00	2.193946	-0.06	0.32
6/21/2010 23:15	2.164757	-0.03	0.34
6/21/2010 23:30	2.117183	0.01	0.38
6/21/2010 23:45	2.061466	0.07	0.43
6/22/2010 0:00	2.01013	0.12	0.48
6/22/2010 0:15	1.951444	0.18	0.55
6/22/2010 0:30	1.887972	0.24	0.61
6/22/2010 0:45	1.820975	0.31	0.68
6/22/2010 1:00	1.750387	0.38	0.75
6/22/2010 1:15	1.679917	0.45	0.82
6/22/2010 1:30	1.603309	0.53	0.90
6/22/2010 1:45	1.53556	0.59	0.96
6/22/2010 2:00	1.466821	0.66	1.03
6/22/2010 2:15	1.40055	0.73	1.10
6/22/2010 2:30	1.33628	0.79	1.15
6/22/2010 2:45	1.274745	0.86	1.22
6/22/2010 3:00	1.210453	0.92	1.28
6/22/2010 3:15	1.153261	0.98	1.34
6/22/2010 3:30	1.103822	1.03	1.39
6/22/2010 3:45	1.056899	1.07	1.45
6/22/2010 4:00	1.017986	1.11	1.49
6/22/2010 4:15	0.98499	1.15	1.53
6/22/2010 4:30	0.957309	1.17	1.56
6/22/2010 4:45	0.931576	1.20	1.58
6/22/2010 5:00	0.917809	1.21	1.60
6/22/2010 5:15	0.919884	1.21	1.60
6/22/2010 5:30	0.932027	1.20	1.60
6/22/2010 5:45	0.950445	1.18	1.57

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/24/2010 3:46	1.61169	0.50	0.62
6/24/2010 4:01	1.534528	0.58	0.70
6/24/2010 4:16	1.460076	0.65	0.77
6/24/2010 4:31	1.396006	0.71	0.83
6/24/2010 4:46	1.334407	0.78	0.90
6/24/2010 5:01	1.27734	0.83	0.94
6/24/2010 5:16	1.223176	0.89	1.00
6/24/2010 5:31	1.167714	0.94	1.04
6/24/2010 5:46	1.117684	0.99	1.10
6/24/2010 6:01	1.074834	1.04	1.15
6/24/2010 6:16	1.040686	1.07	1.17
6/24/2010 6:31	1.011417	1.10	1.21
6/24/2010 6:46	0.999478	1.11	1.22
6/24/2010 7:01	0.993631	1.12	1.22
6/24/2010 7:16	0.995104	1.11	1.19
6/24/2010 7:31	1.004315	1.11	1.18
6/24/2010 7:46	1.017521	1.09	1.16
6/24/2010 8:01	1.035606	1.07	1.14
6/24/2010 8:16	1.060221	1.05	1.12
6/24/2010 8:31	1.088432	1.02	1.09
6/24/2010 8:46	1.1248	0.99	1.04
6/24/2010 9:01	1.165552	0.94	0.99
6/24/2010 9:16	1.20673	0.90	0.96
6/24/2010 9:31	1.250197	0.86	0.91
6/24/2010 9:46	1.287349	0.82	0.87
6/24/2010 10:01	1.339404	0.77	0.81
6/24/2010 10:16	1.391133	0.72	0.77
6/24/2010 10:31	1.446338	0.66	0.71
6/24/2010 10:46	1.506099	0.60	0.64
6/24/2010 11:01	1.5648	0.55	0.59
6/24/2010 11:16	1.620369	0.49	0.53
6/24/2010 11:31	1.67886	0.43	0.47
6/24/2010 11:46	1.724014	0.39	0.43
6/24/2010 12:01	1.763864	0.35	0.40
6/24/2010 12:16	1.805406	0.30	0.34
6/24/2010 12:31	1.852903	0.26	0.30
6/24/2010 12:46	1.909628	0.20	0.24
6/24/2010 13:01	1.955661	0.15	0.18
6/24/2010 13:16	1.986399	0.12	0.14
6/24/2010 13:31	2.007388	0.10	0.11
6/24/2010 13:46	2.013968	0.10	0.10
6/24/2010 14:01	2.017802	0.09	0.08
6/24/2010 14:16	2.028095	0.08	0.06
6/24/2010 14:31	2.026362	0.08	0.06
6/24/2010 14:46	2.021468	0.09	0.08
6/24/2010 15:01	2.01316	0.10	0.08
6/24/2010 15:16	2.000042	0.11	0.09
6/24/2010 15:31	1.986775	0.12	0.11
6/24/2010 15:46	1.958812	0.15	0.14
6/24/2010 16:01	1.924918	0.19	0.17
6/24/2010 16:16	1.888551	0.22	0.20
6/24/2010 16:31	1.841015	0.27	0.25
6/24/2010 16:46	1.80634	0.30	0.27
6/24/2010 17:01	1.78792	0.32	0.29
6/24/2010 17:16	1.771497	0.34	0.31
6/24/2010 17:31	1.762583	0.35	0.34
6/24/2010 17:46	1.733975	0.38	0.37
6/24/2010 18:01	1.687882	0.42	0.41
6/24/2010 18:16	1.630786	0.48	0.48
6/24/2010 18:31	1.570948	0.54	0.54
6/24/2010 18:46	1.579477	0.53	0.54
6/24/2010 19:01	1.632268	0.48	0.49
6/24/2010 19:16	1.677916	0.43	0.45
6/24/2010 19:31	1.698395	0.41	0.43
6/24/2010 19:46	1.704087	0.41	0.44
6/24/2010 20:01	1.707324	0.40	0.44
6/24/2010 20:16	1.69902	0.41	0.45
6/24/2010 20:31	1.718576	0.39	0.43
6/24/2010 20:46	1.741745	0.37	0.42

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/22/2010 6:00	0.968287	1.16	1.56
6/22/2010 6:15	0.991938	1.14	1.54
6/22/2010 6:30	1.01962	1.11	1.52
6/22/2010 6:45	1.058286	1.07	1.48
6/22/2010 7:00	1.09819	1.03	1.45
6/22/2010 7:15	1.142414	0.99	1.40
6/22/2010 7:30	1.184805	0.95	1.37
6/22/2010 7:45	1.224388	0.91	1.33
6/22/2010 8:00	1.267573	0.86	1.28
6/22/2010 8:15	1.315278	0.81	1.23
6/22/2010 8:30	1.361844	0.77	1.19
6/22/2010 8:45	1.412348	0.72	1.14
6/22/2010 9:00	1.458119	0.67	1.09
6/22/2010 9:15	1.503858	0.63	1.04
6/22/2010 9:30	1.54482	0.59	1.00
6/22/2010 9:45	1.59343	0.54	0.96
6/22/2010 10:00	1.641115	0.49	0.91
6/22/2010 10:15	1.685972	0.44	0.85
6/22/2010 10:30	1.725801	0.40	0.81
6/22/2010 10:45	1.769158	0.36	0.77
6/22/2010 11:00	1.804087	0.33	0.74
6/22/2010 11:15	1.837071	0.29	0.70
6/22/2010 11:30	1.864778	0.27	0.68
6/22/2010 11:45	1.883864	0.25	0.66
6/22/2010 12:00	1.893111	0.24	0.65
6/22/2010 12:15	1.889852	0.24	0.64
6/22/2010 12:30	1.881969	0.25	0.65
6/22/2010 12:45	1.867992	0.26	0.65
6/22/2010 13:00	1.842364	0.29	0.67
6/22/2010 13:15	1.811991	0.32	0.69
6/22/2010 13:30	1.78467	0.35	0.71
6/22/2010 13:45	1.751043	0.38	0.73
6/22/2010 14:00	1.70875	0.42	0.76
6/22/2010 14:15	1.663789	0.47	0.80
6/22/2010 14:30	1.616993	0.51	0.84
6/22/2010 14:45	1.561279	0.57	0.90
6/22/2010 15:00	1.517666	0.61	0.93
6/22/2010 15:15	1.479793	0.65	0.97
6/22/2010 15:30	1.441883	0.69	0.99
6/22/2010 15:45	1.408883	0.72	1.02
6/22/2010 16:00	1.374191	0.76	1.06
6/22/2010 16:15	1.340419	0.79	1.08
6/22/2010 16:30	1.308232	0.82	1.09
6/22/2010 16:45	1.287554	0.84	1.11
6/22/2010 17:00	1.282243	0.85	1.11
6/22/2010 17:15	1.277494	0.85	1.11
6/22/2010 17:30	1.281054	0.85	1.10
6/22/2010 17:45	1.29206	0.84	1.09
6/22/2010 18:00	1.303932	0.83	1.08
6/22/2010 18:15	1.322449	0.81	1.06
6/22/2010 18:30	1.33999	0.79	1.04
6/22/2010 18:45	1.361421	0.77	1.01
6/22/2010 19:00	1.381835	0.75	0.99
6/22/2010 19:15	1.405361	0.72	1.00
6/22/2010 19:30	1.439805	0.69	0.94
6/22/2010 19:45	1.464757	0.67	0.91
6/22/2010 20:00	1.47383	0.66	0.92
6/22/2010 20:15	1.478004	0.65	0.89
6/22/2010 20:30	1.545433	0.58	0.83
6/22/2010 20:45	1.53148	0.60	0.85
6/22/2010 21:00	1.555965	0.57	0.82
6/22/2010 21:15	1.601147	0.53	0.79
6/22/2010 21:30	1.613248	0.52	0.80
6/22/2010 21:45	1.647169	0.48	0.76
6/22/2010 22:00	1.655849	0.47	0.76
6/22/2010 22:15	1.666664	0.46	0.76
6/22/2010 22:30	1.708302	0.42	0.72
6/22/2010 22:45	1.711398	0.42	0.72
6/22/2010 23:00	1.728915	0.40	0.72

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/24/2010 21:01	1.760797	0.35	0.41
6/24/2010 21:16	1.829646	0.28	0.34
6/24/2010 21:31	1.913929	0.20	0.27
6/24/2010 21:46	1.969277	0.14	0.24
6/24/2010 22:01	1.996833	0.11	0.22
6/24/2010 22:16	2.002188	0.11	0.23
6/24/2010 22:31	2.011994	0.10	0.23
6/24/2010 22:46	2.038343	0.07	0.20
6/24/2010 23:01	2.093331	0.02	0.15
6/24/2010 23:16	2.157603	-0.05	0.09
6/24/2010 23:31	2.211542	-0.10	0.04
6/24/2010 23:46	2.246119	-0.14	0.00
6/25/2010 0:01	2.268384	-0.16	-0.01
6/25/2010 0:16	2.287183	-0.18	-0.03
6/25/2010 0:31	2.301239	-0.19	-0.04
6/25/2010 0:46	2.315924	-0.21	-0.06
6/25/2010 1:01	2.341948	-0.23	-0.08
6/25/2010 1:16	2.364222	-0.25	-0.09
6/25/2010 1:31	2.362104	-0.25	-0.09
6/25/2010 1:46	2.355447	-0.25	-0.10
6/25/2010 2:01	2.339391	-0.23	-0.08
6/25/2010 2:16	2.304615	-0.19	-0.03
6/25/2010 2:31	2.27355	-0.16	-0.01
6/25/2010 2:46	2.251658	-0.14	0.02
6/25/2010 3:01	2.210502	-0.10	0.05
6/25/2010 3:16	2.166305	-0.06	0.10
6/25/2010 3:31	2.113095	0.00	0.16
6/25/2010 3:46	2.048613	0.06	0.23
6/25/2010 4:01	1.989203	0.12	0.29
6/25/2010 4:16	1.926056	0.18	0.35
6/25/2010 4:31	1.870302	0.24	0.42
6/25/2010 4:46	1.816576	0.29	0.48
6/25/2010 5:01	1.758128	0.35	0.55
6/25/2010 5:16	1.698098	0.41	0.62
6/25/2010 5:31	1.63174	0.48	0.69
6/25/2010 5:46	1.573045	0.54	0.76
6/25/2010 6:01	1.526204	0.58	0.81
6/25/2010 6:16	1.481983	0.63	0.87
6/25/2010 6:31	1.438134	0.67	0.92
6/25/2010 6:46	1.402988	0.71	0.98
6/25/2010 7:01	1.371732	0.74	1.01
6/25/2010 7:16	1.349035	0.76	1.04
6/25/2010 7:31	1.340926	0.77	1.06
6/25/2010 7:46	1.340304	0.77	1.06
6/25/2010 8:01	1.34863	0.76	1.06
6/25/2010 8:16	1.364891	0.75	1.06
6/25/2010 8:31	1.389559	0.72	1.03
6/25/2010 8:46	1.423709	0.69	1.00
6/25/2010 9:01	1.469292	0.64	0.95
6/25/2010 9:16	1.517998	0.59	0.90
6/25/2010 9:31	1.563227	0.55	0.86
6/25/2010 9:46	1.607643	0.50	0.81
6/25/2010 10:01	1.64466	0.47	0.78
6/25/2010 10:16	1.683461	0.43	0.73
6/25/2010 10:31	1.729509	0.38	0.68
6/25/2010 10:46	1.781759	0.33	0.63
6/25/2010 11:01	1.839125	0.27	0.57
6/25/2010 11:16	1.896361	0.21	0.51
6/25/2010 11:31	1.948557	0.16	0.46
6/25/2010 11:46	1.997484	0.11	0.41
6/25/2010 12:01	2.043371	0.07	0.36
6/25/2010 12:16	2.091352	0.02	0.32
6/25/2010 12:31	2.141019	-0.03	0.26
6/25/2010 12:46	2.194805	-0.08	0.21
6/25/2010 13:01	2.247981	-0.14	0.15
6/25/2010 13:16	2.297312	-0.19	0.09
6/25/2010 13:31	2.347834	-0.24	0.03
6/25/2010 13:46	2.396223	-0.29	-0.03
6/25/2010 14:01	2.43502	-0.33	-0.08

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/22/2010 23:15	1.72951	0.40	0.70
6/22/2010 23:30	1.688623	0.44	0.76
6/22/2010 23:45	1.73405	0.40	0.73
6/23/2010 0:00	1.800248	0.33	0.65
6/23/2010 0:15	1.769784	0.36	0.68
6/23/2010 0:30	1.725842	0.40	0.70
6/23/2010 0:45	1.614227	0.52	0.81
6/23/2010 1:00	1.483708	0.65	0.95
6/23/2010 1:15	1.44144	0.69	0.98
6/23/2010 1:30	1.405994	0.72	1.01
6/23/2010 1:45	1.399716	0.73	1.02
6/23/2010 2:00	1.387518	0.74	1.02
6/23/2010 2:15	1.292872	0.84	1.12
6/23/2010 2:30	1.210964	0.92	1.20
6/23/2010 2:45	1.119804	1.01	1.29
6/23/2010 3:00	1.040456	1.09	1.35
6/23/2010 3:15	0.997901	1.13	1.40
6/23/2010 3:30	0.954457	1.18	1.45
6/23/2010 3:45	0.903126	1.23	1.50
6/23/2010 4:00	0.84623	1.28	1.55
6/23/2010 4:15	0.786526	1.34	1.61
6/23/2010 4:30	0.730286	1.40	1.67
6/23/2010 4:45	0.677603	1.45	1.72
6/23/2010 5:00	0.650169	1.48	1.76
6/23/2010 5:15	0.630917	1.50	1.79
6/23/2010 5:30	0.620223	1.51	1.80
6/23/2010 5:45	0.624604	1.51	1.79
6/23/2010 6:00	0.613972	1.52	1.79
6/23/2010 6:15	0.610735	1.52	1.79
6/23/2010 6:30	0.614742	1.52	1.80
6/23/2010 6:45	0.633505	1.50	1.79
6/23/2010 7:00	0.666605	1.46	1.76
6/23/2010 7:15	0.712355	1.42	1.72
6/23/2010 7:30	0.767253	1.36	1.68
6/23/2010 7:45	0.812563	1.32	1.65
6/23/2010 8:00	0.854608	1.28	1.61
6/23/2010 8:15	0.89413	1.24	1.58
6/23/2010 8:30	0.938195	1.19	1.53
6/23/2010 8:45	0.990687	1.14	1.48
6/23/2010 9:00	1.045918	1.08	1.42
6/23/2010 9:15	1.103646	1.03	1.37
6/23/2010 9:30	1.153589	0.98	1.31
6/23/2010 9:45	1.206496	0.92	1.25
6/23/2010 10:00	1.260207	0.87	1.19
6/23/2010 10:15	1.313906	0.82	1.14
6/23/2010 10:30	1.376876	0.75	1.07
6/23/2010 10:45	1.430478	0.70	1.02
6/23/2010 11:00	1.487148	0.64	0.94
6/23/2010 11:15	1.535411	0.59	0.91
6/23/2010 11:30	1.582492	0.55	0.85
6/23/2010 11:45	1.635351	0.49	0.79
6/23/2010 12:00	1.67377	0.46	0.75
6/23/2010 12:15	1.709214	0.42	0.71
6/23/2010 12:30	1.743705	0.39	0.67
6/23/2010 12:45	1.763817	0.37	0.65
6/23/2010 13:00	1.762205	0.37	0.65
6/23/2010 13:15	1.755755	0.37	0.65
6/23/2010 13:30	1.757884	0.37	0.64
6/23/2010 13:45	1.754565	0.38	0.65
6/23/2010 14:00	1.751966	0.38	0.65
6/23/2010 14:15	1.741105	0.39	0.66
6/23/2010 14:30	1.729867	0.40	0.66
6/23/2010 14:45	1.707395	0.42	0.67
6/23/2010 15:00	1.669327	0.46	0.72
6/23/2010 15:15	1.646403	0.48	0.73
6/23/2010 15:30	1.611999	0.52	0.77
6/23/2010 15:45	1.568303	0.56	0.80
6/23/2010 16:00	1.537049	0.59	0.83
6/23/2010 16:15	1.506934	0.62	0.85

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/25/2010 14:16	2.468981	-0.36	-0.12
6/25/2010 14:31	2.492965	-0.38	-0.13
6/25/2010 14:46	2.503156	-0.39	-0.14
6/25/2010 15:01	2.508918	-0.40	-0.15
6/25/2010 15:16	2.508903	-0.40	-0.17
6/25/2010 15:31	2.502339	-0.39	-0.15
6/25/2010 15:46	2.492368	-0.38	-0.14
6/25/2010 16:01	2.4791	-0.37	-0.15
6/25/2010 16:16	2.458157	-0.35	-0.12
6/25/2010 16:31	2.429725	-0.32	-0.09
6/25/2010 16:46	2.394649	-0.28	-0.06
6/25/2010 17:01	2.353998	-0.24	-0.02
6/25/2010 17:16	2.317557	-0.21	0.02
6/25/2010 17:31	2.276838	-0.17	0.05
6/25/2010 17:46	2.239887	-0.13	0.08
6/25/2010 18:01	2.20337	-0.09	0.12
6/25/2010 18:16	2.168166	-0.06	0.14
6/25/2010 18:31	2.133235	-0.02	0.18
6/25/2010 18:46	2.101003	0.01	0.21
6/25/2010 19:01	2.072767	0.04	0.24
6/25/2010 19:16	2.048069	0.06	0.27
6/25/2010 19:31	2.026795	0.08	0.29
6/25/2010 19:46	2.013803	0.10	0.32
6/25/2010 20:01	2.006028	0.10	0.32
6/25/2010 20:16	2.007078	0.10	0.32
6/25/2010 20:31	2.010504	0.10	0.32
6/25/2010 20:46	2.019521	0.09	0.32
6/25/2010 21:01	2.036566	0.07	0.30
6/25/2010 21:16	2.055022	0.05	0.29
6/25/2010 21:31	2.073608	0.04	0.28
6/25/2010 21:46	2.097339	0.01	0.25
6/25/2010 22:01	2.11873	-0.01	0.23
6/25/2010 22:16	2.144979	-0.03	0.21
6/25/2010 22:31	2.171194	-0.06	0.18
6/25/2010 22:46	2.1984	-0.09	0.15
6/25/2010 23:01	2.230321	-0.12	0.12
6/25/2010 23:16	2.266436	-0.16	0.07
6/25/2010 23:31	2.300271	-0.19	0.04
6/25/2010 23:46	2.334806	-0.22	0.02
6/26/2010 0:01	2.365314	-0.26	-0.03
6/26/2010 0:16	2.3852	-0.28	-0.05
6/26/2010 0:31	2.401665	-0.29	-0.06
6/26/2010 0:46	2.412619	-0.30	-0.08
6/26/2010 1:01	2.42364	-0.31	-0.09
6/26/2010 1:16	2.433271	-0.32	-0.10
6/26/2010 1:31	2.440833	-0.33	-0.11
6/26/2010 1:46	2.441105	-0.33	-0.12
6/26/2010 2:01	2.432777	-0.32	-0.11
6/26/2010 2:16	2.415163	-0.31	-0.10
6/26/2010 2:31	2.386391	-0.28	-0.08
6/26/2010 2:46	2.344704	-0.23	-0.02
6/26/2010 3:01	2.293661	-0.18	0.02
6/26/2010 3:16	2.241867	-0.13	0.07
6/26/2010 3:31	2.192775	-0.08	0.12
6/26/2010 3:46	2.143493	-0.03	0.17
6/26/2010 4:01	2.091786	0.02	0.21
6/26/2010 4:16	2.030835	0.08	0.27
6/26/2010 4:31	1.964421	0.15	0.34
6/26/2010 4:46	1.894671	0.22	0.42
6/26/2010 5:01	1.825866	0.28	0.48
6/26/2010 5:16	1.758335	0.35	0.55
6/26/2010 5:31	1.69141	0.42	0.62
6/26/2010 5:46	1.630852	0.48	0.67
6/26/2010 6:01	1.57247	0.54	0.74
6/26/2010 6:16	1.51188	0.60	0.81
6/26/2010 6:31	1.453957	0.66	0.86
6/26/2010 6:46	1.400557	0.71	0.92
6/26/2010 7:01	1.347628	0.76	0.96
6/26/2010 7:16	1.303819	0.81	1.02

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/23/2010 16:30	1.486297	0.64	0.87
6/23/2010 16:45	1.469617	0.66	0.88
6/23/2010 17:00	1.460895	0.67	0.88
6/23/2010 17:15	1.457456	0.67	0.88
6/23/2010 17:30	1.449003	0.68	0.88
6/23/2010 17:45	1.451259	0.68	0.88
6/23/2010 18:00	1.455153	0.67	0.87
6/23/2010 18:15	1.456821	0.67	0.88
6/23/2010 18:30	1.473465	0.66	0.87
6/23/2010 18:45	1.495702	0.63	0.84
6/23/2010 19:00	1.516935	0.61	0.82
6/23/2010 19:15	1.543784	0.59	0.81
6/23/2010 19:30	1.571407	0.56	0.78
6/23/2010 19:45	1.597103	0.53	0.75
6/23/2010 20:00	1.622275	0.51	0.73
6/23/2010 20:15	1.653402	0.48	0.69
6/23/2010 20:30	1.694195	0.44	0.65
6/23/2010 20:45	1.731527	0.40	0.61
6/23/2010 21:00	1.765355	0.36	0.57
6/23/2010 21:15	1.802191	0.33	0.54
6/23/2010 21:30	1.830962	0.30	0.52
6/23/2010 21:45	1.858476	0.27	0.47
6/23/2010 22:00	1.891541	0.24	0.44
6/23/2010 22:15	1.922677	0.21	0.40
6/23/2010 22:30	1.954606	0.18	0.37
6/23/2010 22:45	1.986535	0.14	0.32
6/23/2010 23:00	2.019746	0.11	0.28
6/23/2010 23:15	2.039962	0.09	0.25
6/23/2010 23:30	2.057061	0.07	0.23
6/23/2010 23:45	2.067325	0.06	0.22
6/24/2010 0:00	2.068612	0.06	0.23
6/24/2010 0:15	2.063802	0.07	0.25
6/24/2010 0:30	2.053044	0.08	0.26
6/24/2010 0:45	2.029547	0.10	0.28
6/24/2010 1:00	2.005405	0.12	0.31
6/24/2010 1:15	1.978305	0.15	0.34
6/24/2010 1:30	1.939926	0.19	0.37
6/24/2010 1:45	1.889568	0.24	0.42
6/24/2010 2:00	1.834141	0.30	0.48
6/24/2010 2:15	1.769052	0.36	0.55
6/24/2010 2:30	1.701733	0.43	0.61
6/24/2010 2:45	1.63366	0.50	0.68
6/24/2010 3:00	1.564633	0.57	0.74
6/24/2010 3:15	1.491991	0.64	0.81
6/24/2010 3:30	1.41337	0.72	0.88
6/24/2010 3:45	1.338353	0.79	0.95
6/24/2010 4:00	1.259755	0.87	1.03
6/24/2010 4:15	1.18725	0.94	1.10
6/24/2010 4:30	1.125913	1.00	1.16
6/24/2010 4:45	1.064093	1.07	1.23
6/24/2010 5:00	1.008143	1.12	1.27
6/24/2010 5:15	0.955672	1.17	1.32
6/24/2010 5:30	0.900284	1.23	1.37
6/24/2010 5:45	0.850821	1.28	1.43
6/24/2010 6:00	0.812557	1.32	1.47
6/24/2010 6:15	0.780733	1.35	1.49
6/24/2010 6:30	0.759341	1.37	1.52
6/24/2010 6:45	0.753798	1.38	1.53
6/24/2010 7:00	0.752128	1.38	1.52
6/24/2010 7:15	0.759196	1.37	1.50
6/24/2010 7:30	0.774457	1.36	1.48
6/24/2010 7:45	0.789247	1.34	1.46
6/24/2010 8:00	0.811475	1.32	1.44
6/24/2010 8:15	0.840537	1.29	1.41
6/24/2010 8:30	0.871133	1.26	1.38
6/24/2010 8:45	0.911028	1.22	1.31
6/24/2010 9:00	0.956357	1.17	1.26
6/24/2010 9:15	0.998272	1.13	1.24
6/24/2010 9:30	1.043503	1.09	1.18

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/26/2010 7:31	1.265173	0.84	1.06
6/26/2010 7:46	1.232954	0.88	1.10
6/26/2010 8:01	1.203032	0.91	1.13
6/26/2010 8:16	1.180521	0.93	1.15
6/26/2010 8:31	1.166127	0.94	1.17
6/26/2010 8:46	1.163213	0.95	1.17
6/26/2010 9:01	1.173163	0.94	1.15
6/26/2010 9:16	1.191602	0.92	1.13
6/26/2010 9:31	1.211778	0.90	1.11
6/26/2010 9:46	1.233819	0.88	1.08
6/26/2010 10:01	1.253501	0.86	1.07
6/26/2010 10:16	1.278463	0.83	1.04
6/26/2010 10:31	1.316991	0.79	1.00
6/26/2010 10:46	1.355359	0.75	0.95
6/26/2010 11:01	1.400333	0.71	0.91
6/26/2010 11:16	1.44388	0.67	0.86
6/26/2010 11:31	1.484764	0.63	0.82
6/26/2010 11:46	1.527919	0.58	0.77
6/26/2010 12:01	1.569215	0.54	0.71
6/26/2010 12:16	1.615721	0.49	0.66
6/26/2010 12:31	1.654927	0.46	0.63
6/26/2010 12:46	1.696236	0.41	0.57
6/26/2010 13:01	1.741262	0.37	0.52
6/26/2010 13:16	1.782137	0.33	0.47
6/26/2010 13:31	1.820157	0.29	0.43
6/26/2010 13:46	1.860891	0.25	0.39
6/26/2010 14:01	1.899482	0.21	0.34
6/26/2010 14:16	1.93268	0.18	0.31
6/26/2010 14:31	1.958626	0.15	0.27
6/26/2010 14:46	1.979194	0.13	0.25
6/26/2010 15:01	1.989985	0.12	0.24
6/26/2010 15:16	1.991017	0.12	0.22
6/26/2010 15:31	1.996539	0.11	0.21
6/26/2010 15:46	1.986354	0.12	0.22
6/26/2010 16:01	1.961059	0.15	0.23
6/26/2010 16:16	1.928414	0.18	0.26
6/26/2010 16:31	1.891289	0.22	0.29
6/26/2010 16:46	1.853542	0.26	0.32
6/26/2010 17:01	1.815152	0.29	0.34
6/26/2010 17:16	1.77258	0.34	0.38
6/26/2010 17:31	1.719486	0.39	0.43
6/26/2010 17:46	1.658161	0.45	0.49
6/26/2010 18:01	1.602291	0.51	0.54
6/26/2010 18:16	1.550972	0.56	0.60
6/26/2010 18:31	1.501773	0.61	0.64
6/26/2010 18:46	1.457086	0.65	0.67
6/26/2010 19:01	1.412194	0.70	0.73
6/26/2010 19:16	1.370508	0.74	0.76
6/26/2010 19:31	1.332127	0.78	0.80
6/26/2010 19:46	1.298002	0.81	0.83
6/26/2010 20:01	1.278987	0.83	0.86
6/26/2010 20:16	1.26569	0.84	0.87
6/26/2010 20:31	1.256231	0.85	0.88
6/26/2010 20:46	1.252041	0.86	0.89
6/26/2010 21:01	1.248013	0.86	0.89
6/26/2010 21:16	1.255097	0.85	0.88
6/26/2010 21:31	1.263084	0.85	0.89
6/26/2010 21:46	1.285169	0.82	0.86
6/26/2010 22:01	1.313126	0.80	0.84
6/26/2010 22:16	1.341835	0.77	0.81
6/26/2010 22:31	1.374273	0.74	0.78
6/26/2010 22:46	1.408674	0.70	0.74
6/26/2010 23:01	1.446306	0.66	0.70
6/26/2010 23:16	1.487829	0.62	0.67
6/26/2010 23:31	1.530106	0.58	0.62
6/26/2010 23:46	1.570998	0.54	0.59
6/27/2010 0:01	1.612232	0.50	0.54
6/27/2010 0:16	1.657225	0.45	0.49
6/27/2010 0:31	1.700709	0.41	0.44

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/24/2010 9:45	1.082198	1.05	1.14
6/24/2010 10:00	1.136473	0.99	1.07
6/24/2010 10:15	1.191585	0.94	1.03
6/24/2010 10:30	1.248306	0.88	0.97
6/24/2010 10:45	1.312271	0.82	0.90
6/24/2010 11:00	1.36832	0.76	0.84
6/24/2010 11:15	1.427792	0.70	0.78
6/24/2010 11:30	1.482948	0.65	0.73
6/24/2010 11:45	1.518342	0.61	0.69
6/24/2010 12:00	1.559458	0.57	0.66
6/24/2010 12:15	1.601249	0.53	0.61
6/24/2010 12:30	1.65392	0.48	0.56
6/24/2010 12:45	1.712992	0.42	0.50
6/24/2010 13:00	1.749582	0.38	0.45
6/24/2010 13:15	1.776745	0.35	0.41
6/24/2010 13:30	1.790684	0.34	0.39
6/24/2010 13:45	1.791886	0.34	0.38
6/24/2010 14:00	1.795794	0.33	0.36
6/24/2010 14:15	1.802802	0.33	0.35
6/24/2010 14:30	1.794272	0.34	0.36
6/24/2010 14:45	1.789319	0.34	0.37
6/24/2010 15:00	1.780596	0.35	0.37
6/24/2010 15:15	1.76548	0.36	0.38
6/24/2010 15:30	1.747157	0.38	0.41
6/24/2010 15:45	1.714028	0.42	0.45
6/24/2010 16:00	1.67825	0.45	0.47
6/24/2010 16:15	1.638169	0.49	0.51
6/24/2010 16:30	1.587111	0.54	0.56
6/24/2010 16:45	1.561861	0.57	0.58
6/24/2010 17:00	1.547742	0.58	0.59
6/24/2010 17:15	1.532706	0.60	0.61
6/24/2010 17:30	1.522682	0.61	0.64
6/24/2010 17:45	1.484111	0.65	0.68
6/24/2010 18:00	1.431155	0.70	0.73
6/24/2010 18:15	1.365403	0.76	0.80
6/24/2010 18:30	1.312899	0.82	0.86
6/24/2010 18:45	1.36125	0.77	0.82
6/24/2010 19:00	1.424778	0.71	0.76
6/24/2010 19:15	1.463755	0.67	0.73
6/24/2010 19:30	1.471564	0.66	0.72
6/24/2010 19:45	1.475512	0.65	0.72
6/24/2010 20:00	1.472987	0.66	0.74
6/24/2010 20:15	1.462945	0.67	0.75
6/24/2010 20:30	1.502083	0.63	0.71
6/24/2010 20:45	1.515019	0.61	0.70
6/24/2010 21:00	1.544852	0.59	0.70
6/24/2010 21:15	1.642554	0.49	0.60
6/24/2010 21:30	1.722464	0.41	0.53
6/24/2010 21:45	1.762816	0.37	0.51
6/24/2010 22:00	1.774096	0.36	0.51
6/24/2010 22:15	1.774646	0.36	0.52
6/24/2010 22:30	1.787909	0.34	0.51
6/24/2010 22:45	1.826989	0.30	0.47
6/24/2010 23:00	1.893662	0.24	0.41
6/24/2010 23:15	1.962287	0.17	0.35
6/24/2010 23:30	2.008641	0.12	0.30
6/24/2010 23:45	2.033483	0.10	0.28
6/25/2010 0:00	2.052573	0.08	0.27
6/25/2010 0:15	2.06824	0.06	0.25
6/25/2010 0:30	2.079041	0.05	0.24
6/25/2010 0:45	2.096445	0.03	0.22
6/25/2010 1:00	2.130717	0.00	0.19
6/25/2010 1:15	2.144452	-0.01	0.19
6/25/2010 1:30	2.131043	0.00	0.20
6/25/2010 1:45	2.124092	0.01	0.20
6/25/2010 2:00	2.098213	0.03	0.22
6/25/2010 2:15	2.05561	0.07	0.27
6/25/2010 2:30	2.033765	0.10	0.29
6/25/2010 2:45	2.009518	0.12	0.32

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/27/2010 0:46	1.739971	0.37	0.41
6/27/2010 1:01	1.780505	0.33	0.36
6/27/2010 1:16	1.818139	0.29	0.31
6/27/2010 1:31	1.853021	0.26	0.28
6/27/2010 1:46	1.886821	0.22	0.22
6/27/2010 2:01	1.916619	0.19	0.18
6/27/2010 2:16	1.938658	0.17	0.17
6/27/2010 2:31	1.95867	0.15	0.14
6/27/2010 2:46	1.967579	0.14	0.14
6/27/2010 3:01	1.966769	0.14	0.15
6/27/2010 3:16	1.952385	0.16	0.16
6/27/2010 3:31	1.932956	0.18	0.18
6/27/2010 3:46	1.905444	0.20	0.19
6/27/2010 4:01	1.87453	0.24	0.24
6/27/2010 4:16	1.83959	0.27	0.27
6/27/2010 4:31	1.797908	0.31	0.31
6/27/2010 4:46	1.744854	0.37	0.37
6/27/2010 5:01	1.687201	0.42	0.42
6/27/2010 5:16	1.626259	0.48	0.49
6/27/2010 5:31	1.56438	0.55	0.55
6/27/2010 5:46	1.498941	0.61	0.62
6/27/2010 6:01	1.438284	0.67	0.68
6/27/2010 6:16	1.37931	0.73	0.75
6/27/2010 6:31	1.318879	0.79	0.80
6/27/2010 6:46	1.260231	0.85	0.86
6/27/2010 7:01	1.200369	0.91	0.91
6/27/2010 7:16	1.142932	0.97	0.97
6/27/2010 7:31	1.086502	1.02	1.02
6/27/2010 7:46	1.037802	1.07	1.06
6/27/2010 8:01	0.995049	1.11	1.10
6/27/2010 8:16	0.958574	1.15	1.14
6/27/2010 8:31	0.934551	1.18	1.18
6/27/2010 8:46	0.918331	1.19	1.18
6/27/2010 9:01	0.907853	1.20	1.18
6/27/2010 9:16	0.904716	1.21	1.20
6/27/2010 9:31	0.908617	1.20	1.19
6/27/2010 9:46	0.916303	1.19	1.17
6/27/2010 10:01	0.934574	1.18	1.17
6/27/2010 10:16	0.962221	1.15	1.13
6/27/2010 10:31	0.990186	1.12	1.10
6/27/2010 10:46	1.026422	1.08	1.06
6/27/2010 11:01	1.066999	1.04	1.01
6/27/2010 11:16	1.10685	1.00	0.97
6/27/2010 11:31	1.149722	0.96	0.93
6/27/2010 11:46	1.193748	0.92	0.89
6/27/2010 12:01	1.240082	0.87	0.84
6/27/2010 12:16	1.287385	0.82	0.79
6/27/2010 12:31	1.333464	0.78	0.74
6/27/2010 12:46	1.378424	0.73	0.69
6/27/2010 13:01	1.4227	0.69	0.64
6/27/2010 13:16	1.465435	0.64	0.59
6/27/2010 13:31	1.507674	0.60	0.55
6/27/2010 13:46	1.550603	0.56	0.50
6/27/2010 14:01	1.596051	0.51	0.45
6/27/2010 14:16	1.646779	0.46	0.40
6/27/2010 14:31	1.70225	0.41	0.34
6/27/2010 14:46	1.75834	0.35	0.28
6/27/2010 15:01	1.804973	0.31	0.23
6/27/2010 15:16	1.841593	0.27	0.17
6/27/2010 15:31	1.874569	0.24	0.13
6/27/2010 15:46	1.900725	0.21	0.10
6/27/2010 16:01	1.921988	0.19	0.07
6/27/2010 16:16	1.936236	0.17	0.05
6/27/2010 16:31	1.939041	0.17	0.05
6/27/2010 16:46	1.936455	0.17	0.04
6/27/2010 17:01	1.919933	0.19	0.06
6/27/2010 17:16	1.903345	0.21	0.08
6/27/2010 17:31	1.880313	0.23	0.09
6/27/2010 17:46	1.851768	0.26	0.11

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/25/2010 3:00	1.95805	0.17	0.36
6/25/2010 3:15	1.912222	0.22	0.42
6/25/2010 3:30	1.849466	0.28	0.48
6/25/2010 3:45	1.784405	0.35	0.56
6/25/2010 4:00	1.723439	0.41	0.62
6/25/2010 4:15	1.660808	0.47	0.68
6/25/2010 4:30	1.609234	0.52	0.74
6/25/2010 4:45	1.552653	0.58	0.81
6/25/2010 5:00	1.490265	0.64	0.88
6/25/2010 5:15	1.427262	0.70	0.95
6/25/2010 5:30	1.359577	0.77	1.02
6/25/2010 5:45	1.30889	0.82	1.08
6/25/2010 6:00	1.266033	0.86	1.13
6/25/2010 6:15	1.220255	0.91	1.19
6/25/2010 6:30	1.178016	0.95	1.24
6/25/2010 6:45	1.146192	0.98	1.28
6/25/2010 7:00	1.116501	1.01	1.31
6/25/2010 7:15	1.104506	1.03	1.35
6/25/2010 7:30	1.102713	1.03	1.36
6/25/2010 7:45	1.106476	1.02	1.35
6/25/2010 8:00	1.121188	1.01	1.35
6/25/2010 8:15	1.141525	0.99	1.34
6/25/2010 8:30	1.171334	0.96	1.31
6/25/2010 8:45	1.213143	0.92	1.27
6/25/2010 9:00	1.266564	0.86	1.21
6/25/2010 9:15	1.315185	0.81	1.16
6/25/2010 9:30	1.358126	0.77	1.12
6/25/2010 9:45	1.402161	0.73	1.08
6/25/2010 10:00	1.439409	0.69	1.04
6/25/2010 10:15	1.478251	0.65	0.99
6/25/2010 10:30	1.528851	0.60	0.94
6/25/2010 10:45	1.586683	0.54	0.88
6/25/2010 11:00	1.644762	0.49	0.83
6/25/2010 11:15	1.700296	0.43	0.77
6/25/2010 11:30	1.751205	0.38	0.72
6/25/2010 11:45	1.798528	0.33	0.67
6/25/2010 12:00	1.843185	0.29	0.62
6/25/2010 12:15	1.892164	0.24	0.58
6/25/2010 12:30	1.941517	0.19	0.52
6/25/2010 12:45	1.996322	0.13	0.46
6/25/2010 13:00	2.046837	0.08	0.41
6/25/2010 13:15	2.097111	0.03	0.35
6/25/2010 13:30	2.148902	-0.02	0.28
6/25/2010 13:45	2.191795	-0.06	0.24
6/25/2010 14:00	2.225953	-0.10	0.19
6/25/2010 14:15	2.256461	-0.13	0.15
6/25/2010 14:30	2.273391	-0.14	0.15
6/25/2010 14:45	2.278403	-0.15	0.14
6/25/2010 15:00	2.281205	-0.15	0.14
6/25/2010 15:15	2.277094	-0.15	0.12
6/25/2010 15:30	2.269065	-0.14	0.14
6/25/2010 15:45	2.259065	-0.13	0.15
6/25/2010 16:00	2.242342	-0.11	0.15
6/25/2010 16:15	2.217142	-0.09	0.18
6/25/2010 16:30	2.185862	-0.06	0.21
6/25/2010 16:45	2.150174	-0.02	0.24
6/25/2010 17:00	2.106856	0.02	0.28
6/25/2010 17:15	2.070709	0.06	0.33
6/25/2010 17:30	2.031438	0.10	0.36
6/25/2010 17:45	1.992967	0.14	0.39
6/25/2010 18:00	1.957928	0.17	0.42
6/25/2010 18:15	1.923322	0.21	0.45
6/25/2010 18:30	1.887886	0.24	0.48
6/25/2010 18:45	1.856899	0.27	0.51
6/25/2010 19:00	1.827747	0.30	0.54
6/25/2010 19:15	1.804844	0.33	0.58
6/25/2010 19:30	1.786874	0.34	0.59
6/25/2010 19:45	1.776931	0.35	0.61
6/25/2010 20:00	1.771621	0.36	0.62

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/27/2010 18:01	1.829278	0.28	0.13
6/27/2010 18:16	1.798869	0.31	0.15
6/27/2010 18:31	1.757017	0.35	0.19
6/27/2010 18:46	1.707852	0.40	0.25
6/27/2010 19:01	1.657787	0.45	0.30
6/27/2010 19:16	1.615145	0.49	0.34
6/27/2010 19:31	1.576133	0.53	0.38
6/27/2010 19:46	1.543793	0.57	0.44
6/27/2010 20:01	1.514064	0.60	0.46
6/27/2010 20:16	1.486528	0.62	0.48
6/27/2010 20:31	1.455912	0.65	0.52
6/27/2010 20:46	1.437502	0.67	0.53
6/27/2010 21:01	1.41486	0.70	0.56
6/27/2010 21:16	1.410563	0.70	0.55
6/27/2010 21:31	1.423402	0.69	0.54
6/27/2010 21:46	1.409432	0.70	0.56
6/27/2010 22:01	1.406701	0.70	0.56
6/27/2010 22:16	1.416134	0.69	0.53
6/27/2010 22:31	1.430785	0.68	0.52
6/27/2010 22:46	1.465175	0.64	0.49
6/27/2010 23:01	1.494495	0.62	0.47
6/27/2010 23:16	1.520016	0.59	0.44
6/27/2010 23:31	1.550605	0.56	0.41
6/27/2010 23:46	1.581818	0.53	0.38
6/28/2010 0:01	1.620144	0.49	0.34
6/28/2010 0:16	1.656014	0.45	0.29
6/28/2010 0:31	1.694577	0.42	0.27
6/28/2010 0:46	1.737339	0.37	0.21
6/28/2010 1:01	1.773637	0.34	0.18
6/28/2010 1:16	1.81135	0.30	0.14
6/28/2010 1:31	1.848876	0.26	0.10
6/28/2010 1:46	1.876935	0.23	0.07
6/28/2010 2:01	1.902804	0.21	0.04
6/28/2010 2:16	1.930829	0.18	0.00
6/28/2010 2:31	1.955759	0.15	-0.03
6/28/2010 2:46	1.983034	0.13	-0.05
6/28/2010 3:01	2.003424	0.11	-0.07
6/28/2010 3:16	2.018394	0.09	-0.09
6/28/2010 3:31	2.015402	0.09	-0.10
6/28/2010 3:46	2.002296	0.11	-0.08
6/28/2010 4:01	1.988461	0.12	-0.07
6/28/2010 4:16	1.963282	0.15	-0.04
6/28/2010 4:31	1.936435	0.17	-0.02
6/28/2010 4:46	1.90963	0.20	0.01
6/28/2010 5:01	1.86646	0.24	0.05
6/28/2010 5:16	1.817881	0.29	0.11
6/28/2010 5:31	1.761185	0.35	0.17
6/28/2010 5:46	1.690462	0.42	0.24
6/28/2010 6:01	1.618083	0.49	0.32
6/28/2010 6:16	1.550711	0.56	0.39
6/28/2010 6:31	1.485698	0.62	0.45
6/28/2010 6:46	1.428344	0.68	0.52
6/28/2010 7:01	1.366833	0.74	0.58
6/28/2010 7:16	1.302092	0.81	0.65
6/28/2010 7:31	1.235604	0.87	0.71
6/28/2010 7:46	1.172632	0.94	0.78
6/28/2010 8:01	1.116979	0.99	0.83
6/28/2010 8:16	1.064168	1.05	0.89
6/28/2010 8:31	1.018843	1.09	0.93
6/28/2010 8:46	0.980663	1.13	0.97
6/28/2010 9:01	0.946599	1.16	1.00
6/28/2010 9:16	0.922555	1.19	1.03
6/28/2010 9:31	0.89932	1.21	1.04
6/28/2010 9:46	0.881029	1.23	1.06
6/28/2010 10:01	0.873673	1.24	1.07
6/28/2010 10:16	0.87107	1.24	1.07
6/28/2010 10:31	0.877571	1.23	1.06
6/28/2010 10:46	0.894321	1.22	1.05
6/28/2010 11:01	0.911018	1.20	1.02

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/25/2010 20:15	1.778107	0.35	0.61
6/25/2010 20:30	1.779708	0.35	0.61
6/25/2010 20:45	1.793699	0.34	0.61
6/25/2010 21:00	1.811528	0.32	0.59
6/25/2010 21:15	1.832577	0.30	0.58
6/25/2010 21:30	1.854219	0.28	0.56
6/25/2010 21:45	1.875789	0.25	0.53
6/25/2010 22:00	1.899143	0.23	0.51
6/25/2010 22:15	1.927349	0.20	0.48
6/25/2010 22:30	1.954108	0.18	0.46
6/25/2010 22:45	1.982947	0.15	0.43
6/25/2010 23:00	2.017756	0.11	0.39
6/25/2010 23:15	2.052215	0.08	0.35
6/25/2010 23:30	2.087698	0.04	0.31
6/25/2010 23:45	2.122572	0.01	0.29
6/26/2010 0:00	2.148185	-0.02	0.25
6/26/2010 0:15	2.165144	-0.04	0.23
6/26/2010 0:30	2.181221	-0.05	0.22
6/26/2010 0:45	2.18952	-0.06	0.20
6/26/2010 1:00	2.199892	-0.07	0.19
6/26/2010 1:15	2.210553	-0.08	0.18
6/26/2010 1:30	2.215339	-0.09	0.17
6/26/2010 1:45	2.210794	-0.08	0.17
6/26/2010 2:00	2.198119	-0.07	0.18
6/26/2010 2:15	2.174721	-0.04	0.21
6/26/2010 2:30	2.138928	-0.01	0.23
6/26/2010 2:45	2.091184	0.04	0.29
6/26/2010 3:00	2.037038	0.09	0.33
6/26/2010 3:15	1.985559	0.14	0.38
6/26/2010 3:30	1.938654	0.19	0.43
6/26/2010 3:45	1.888906	0.24	0.48
6/26/2010 4:00	1.829088	0.30	0.53
6/26/2010 4:15	1.766619	0.36	0.59
6/26/2010 4:30	1.695652	0.43	0.66
6/26/2010 4:45	1.624677	0.51	0.75
6/26/2010 5:00	1.555133	0.57	0.81
6/26/2010 5:15	1.489277	0.64	0.88
6/26/2010 5:30	1.422847	0.71	0.95
6/26/2010 5:45	1.363878	0.77	1.00
6/26/2010 6:00	1.306815	0.82	1.06
6/26/2010 6:15	1.242788	0.89	1.14
6/26/2010 6:30	1.187177	0.94	1.18
6/26/2010 6:45	1.13391	1.00	1.25
6/26/2010 7:00	1.083337	1.05	1.29
6/26/2010 7:15	1.043615	1.09	1.34
6/26/2010 7:30	1.007223	1.12	1.38
6/26/2010 7:45	0.97722	1.15	1.41
6/26/2010 8:00	0.949948	1.18	1.44
6/26/2010 8:15	0.931716	1.20	1.46
6/26/2010 8:30	0.921035	1.21	1.48
6/26/2010 8:45	0.926069	1.20	1.46
6/26/2010 9:00	0.944287	1.19	1.44
6/26/2010 9:15	0.96658	1.16	1.41
6/26/2010 9:30	0.989711	1.14	1.39
6/26/2010 9:45	1.01137	1.12	1.36
6/26/2010 10:00	1.031406	1.10	1.35
6/26/2010 10:15	1.063567	1.07	1.32
6/26/2010 10:30	1.106625	1.02	1.27
6/26/2010 10:45	1.147541	0.98	1.22
6/26/2010 11:00	1.195193	0.93	1.17
6/26/2010 11:15	1.239006	0.89	1.12
6/26/2010 11:30	1.279397	0.85	1.08
6/26/2010 11:45	1.322885	0.81	1.04
6/26/2010 12:00	1.367274	0.76	0.97
6/26/2010 12:15	1.410415	0.72	0.93
6/26/2010 12:30	1.448319	0.68	0.89
6/26/2010 12:45	1.491688	0.64	0.84
6/26/2010 13:00	1.538253	0.59	0.78
6/26/2010 13:15	1.576299	0.55	0.73

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/28/2010 11:16	0.936651	1.17	0.99
6/28/2010 11:31	0.966595	1.14	0.96
6/28/2010 11:46	0.993554	1.12	0.94
6/28/2010 12:01	1.02978	1.08	0.90
6/28/2010 12:16	1.063782	1.05	0.88
6/28/2010 12:31	1.102398	1.01	0.83
6/28/2010 12:46	1.14224	0.97	0.79
6/28/2010 13:01	1.187905	0.92	0.75
6/28/2010 13:16	1.242817	0.87	0.69
6/28/2010 13:31	1.290485	0.82	0.62
6/28/2010 13:46	1.340874	0.77	0.58
6/28/2010 14:01	1.38423	0.73	0.52
6/28/2010 14:16	1.418508	0.69	0.48
6/28/2010 14:31	1.464879	0.65	0.46
6/28/2010 14:46	1.520171	0.59	0.42
6/28/2010 15:01	1.586267	0.52	0.36
6/28/2010 15:16	1.678079	0.43	0.31
6/28/2010 15:31	1.76762	0.34	0.21
6/28/2010 15:46	1.860196	0.25	0.12
6/28/2010 16:01	1.895109	0.21	0.08
6/28/2010 16:16	1.835489	0.27	0.14
6/28/2010 16:31	1.821542	0.29	0.14
6/28/2010 16:46	1.842955	0.27	0.12
6/28/2010 17:01	1.877192	0.23	0.06
6/28/2010 17:16	1.930706	0.18	0.00
6/28/2010 17:31	1.973866	0.14	-0.05
6/28/2010 17:46	1.956472	0.15	-0.02
6/28/2010 18:01	1.916754	0.19	0.01
6/28/2010 18:16	1.921132	0.19	0.02
6/28/2010 18:31	1.918185	0.19	0.01
6/28/2010 18:46	1.887263	0.22	0.04
6/28/2010 19:01	1.862549	0.25	0.07
6/28/2010 19:16	1.796894	0.31	0.14
6/28/2010 19:31	1.723042	0.39	0.22
6/28/2010 19:46	1.668407	0.44	0.29
6/28/2010 20:01	1.630742	0.48	0.32
6/28/2010 20:16	1.627635	0.48	0.32
6/28/2010 20:31	1.614009	0.50	0.35
6/28/2010 20:46	1.593138	0.52	0.38
6/28/2010 21:01	1.582191	0.53	0.39
6/28/2010 21:16	1.549395	0.56	0.42
6/28/2010 21:31	1.521237	0.59	0.46
6/28/2010 21:46	1.51076	0.60	0.48
6/28/2010 22:01	1.493658	0.62	0.51
6/28/2010 22:16	1.479501	0.63	0.53
6/28/2010 22:31	1.49243	0.62	0.52
6/28/2010 22:46	1.524192	0.59	0.49
6/28/2010 23:01	1.559281	0.55	0.45
6/28/2010 23:16	1.597615	0.51	0.41
6/28/2010 23:31	1.635522	0.47	0.36
6/28/2010 23:46	1.652865	0.46	0.36
6/29/2010 0:01	1.675172	0.43	0.33
6/29/2010 0:16	1.706696	0.40	0.32
6/29/2010 0:31	1.743852	0.37	0.29
6/29/2010 0:46	1.781021	0.33	0.23
6/29/2010 1:01	1.823326	0.29	0.21
6/29/2010 1:16	1.867596	0.24	0.16
6/29/2010 1:31	1.904377	0.21	0.13
6/29/2010 1:46	1.939255	0.17	0.09
6/29/2010 2:01	1.977554	0.13	0.05
6/29/2010 2:16	2.014362	0.10	0.02
6/29/2010 2:31	2.053598	0.06	-0.02
6/29/2010 2:46	2.095341	0.01	-0.06
6/29/2010 3:01	2.131063	-0.02	-0.09
6/29/2010 3:16	2.157663	-0.05	-0.11
6/29/2010 3:31	2.175835	-0.07	-0.13
6/29/2010 3:46	2.199023	-0.09	-0.15
6/29/2010 4:01	2.215724	-0.11	-0.17
6/29/2010 4:16	2.226155	-0.12	-0.17

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/26/2010 13:30	1.615859	0.51	0.69
6/26/2010 13:45	1.657107	0.47	0.65
6/26/2010 14:00	1.691345	0.44	0.61
6/26/2010 14:15	1.719327	0.41	0.58
6/26/2010 14:30	1.743926	0.39	0.55
6/26/2010 14:45	1.760942	0.37	0.53
6/26/2010 15:00	1.76472	0.37	0.53
6/26/2010 15:15	1.762394	0.37	0.51
6/26/2010 15:30	1.766752	0.36	0.50
6/26/2010 15:45	1.749429	0.38	0.52
6/26/2010 16:00	1.716777	0.41	0.54
6/26/2010 16:15	1.678935	0.45	0.58
6/26/2010 16:30	1.639766	0.49	0.61
6/26/2010 16:45	1.601125	0.53	0.64
6/26/2010 17:00	1.56045	0.57	0.66
6/26/2010 17:15	1.515023	0.61	0.69
6/26/2010 17:30	1.454903	0.68	0.76
6/26/2010 17:45	1.390567	0.74	0.82
6/26/2010 18:00	1.337272	0.79	0.86
6/26/2010 18:15	1.287483	0.84	0.92
6/26/2010 18:30	1.240756	0.89	0.96
6/26/2010 18:45	1.197655	0.93	0.99
6/26/2010 19:00	1.151437	0.98	1.05
6/26/2010 19:15	1.113632	1.02	1.08
6/26/2010 19:30	1.075763	1.05	1.11
6/26/2010 19:45	1.044856	1.09	1.15
6/26/2010 20:00	1.034835	1.10	1.17
6/26/2010 20:15	1.020969	1.11	1.18
6/26/2010 20:30	1.01474	1.12	1.19
6/26/2010 20:45	1.01329	1.12	1.19
6/26/2010 21:00	1.012906	1.12	1.19
6/26/2010 21:15	1.017688	1.11	1.18
6/26/2010 21:30	1.036604	1.09	1.17
6/26/2010 21:45	1.064457	1.07	1.15
6/26/2010 22:00	1.092523	1.04	1.12
6/26/2010 22:15	1.12397	1.01	1.09
6/26/2010 22:30	1.160853	0.97	1.05
6/26/2010 22:45	1.194803	0.94	1.02
6/26/2010 23:00	1.235319	0.89	0.97
6/26/2010 23:15	1.277378	0.85	0.94
6/26/2010 23:30	1.321537	0.81	0.89
6/26/2010 23:45	1.362748	0.77	0.86
6/27/2010 0:00	1.407849	0.72	0.80
6/27/2010 0:15	1.452681	0.68	0.76
6/27/2010 0:30	1.495048	0.63	0.70
6/27/2010 0:45	1.534445	0.60	0.68
6/27/2010 1:00	1.576651	0.55	0.62
6/27/2010 1:15	1.611438	0.52	0.58
6/27/2010 1:30	1.646044	0.48	0.54
6/27/2010 1:45	1.680216	0.45	0.49
6/27/2010 2:00	1.70545	0.42	0.45
6/27/2010 2:15	1.727176	0.40	0.44
6/27/2010 2:30	1.740361	0.39	0.42
6/27/2010 2:45	1.74303	0.39	0.43
6/27/2010 3:00	1.735834	0.39	0.44
6/27/2010 3:15	1.713745	0.42	0.46
6/27/2010 3:30	1.688924	0.44	0.48
6/27/2010 3:45	1.659757	0.47	0.50
6/27/2010 4:00	1.625728	0.50	0.54
6/27/2010 4:15	1.588836	0.54	0.58
6/27/2010 4:30	1.53852	0.59	0.63
6/27/2010 4:45	1.481435	0.65	0.69
6/27/2010 5:00	1.421317	0.71	0.75
6/27/2010 5:15	1.356308	0.77	0.82
6/27/2010 5:30	1.294107	0.84	0.88
6/27/2010 5:45	1.226268	0.90	0.95
6/27/2010 6:00	1.168451	0.96	1.01
6/27/2010 6:15	1.108538	1.02	1.08
6/27/2010 6:30	1.047726	1.08	1.13

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/29/2010 4:31	2.231094	-0.12	-0.16
6/29/2010 4:46	2.218921	-0.11	-0.15
6/29/2010 5:01	2.197846	-0.09	-0.12
6/29/2010 5:16	2.177516	-0.07	-0.10
6/29/2010 5:31	2.149388	-0.04	-0.06
6/29/2010 5:46	2.118713	-0.01	-0.02
6/29/2010 6:01	2.084474	0.03	0.03
6/29/2010 6:16	2.041345	0.07	0.07
6/29/2010 6:31	2.002148	0.11	0.12
6/29/2010 6:46	1.962705	0.15	0.17
6/29/2010 7:01	1.919862	0.19	0.20
6/29/2010 7:16	1.877379	0.23	0.26
6/29/2010 7:31	1.824341	0.29	0.33
6/29/2010 7:46	1.768017	0.34	0.38
6/29/2010 8:01	1.720406	0.39	0.43
6/29/2010 8:16	1.67828	0.43	0.48
6/29/2010 8:31	1.643669	0.47	0.53
6/29/2010 8:46	1.60876	0.50	0.55
6/29/2010 9:01	1.571232	0.54	0.60
6/29/2010 9:16	1.532523	0.58	0.63
6/29/2010 9:31	1.497356	0.61	0.67
6/29/2010 9:46	1.463331	0.65	0.71
6/29/2010 10:01	1.441708	0.67	0.73
6/29/2010 10:16	1.433024	0.68	0.74
6/29/2010 10:31	1.431525	0.68	0.75
6/29/2010 10:46	1.44409	0.67	0.74
6/29/2010 11:01	1.461335	0.65	0.72
6/29/2010 11:16	1.484022	0.63	0.71
6/29/2010 11:31	1.510154	0.60	0.68
6/29/2010 11:46	1.533617	0.58	0.66
6/29/2010 12:01	1.566875	0.54	0.64
6/29/2010 12:16	1.612388	0.50	0.60
6/29/2010 12:31	1.660304	0.45	0.55
6/29/2010 12:46	1.714393	0.40	0.51
6/29/2010 13:01	1.767234	0.34	0.44
6/29/2010 13:16	1.816926	0.29	0.39
6/29/2010 13:31	1.870345	0.24	0.35
6/29/2010 13:46	1.925811	0.18	0.28
6/29/2010 14:01	1.982306	0.13	0.23
6/29/2010 14:16	2.027908	0.08	0.18
6/29/2010 14:31	2.073479	0.04	0.14
6/29/2010 14:46	2.134523	-0.02	0.09
6/29/2010 15:01	2.18754	-0.08	0.03
6/29/2010 15:16	2.227787	-0.12	-0.01
6/29/2010 15:31	2.268464	-0.16	-0.05
6/29/2010 15:46	2.316283	-0.21	-0.10
6/29/2010 16:01	2.360695	-0.25	-0.14
6/29/2010 16:16	2.398087	-0.29	-0.19
6/29/2010 16:31	2.436944	-0.33	-0.25
6/29/2010 16:46	2.483414	-0.37	-0.29
6/29/2010 17:01	2.523203	-0.41	-0.33
6/29/2010 17:16	2.545842	-0.44	-0.36
6/29/2010 17:31	2.559726	-0.45	-0.38
6/29/2010 17:46	2.558052	-0.45	-0.37
6/29/2010 18:01	2.541164	-0.43	-0.35
6/29/2010 18:16	2.516517	-0.41	-0.31
6/29/2010 18:31	2.490911	-0.38	-0.27
6/29/2010 18:46	2.476297	-0.37	-0.25
6/29/2010 19:01	2.461242	-0.35	-0.23
6/29/2010 19:16	2.430106	-0.32	-0.19
6/29/2010 19:31	2.397607	-0.29	-0.15
6/29/2010 19:46	2.35803	-0.25	-0.11
6/29/2010 20:01	2.303877	-0.19	-0.03
6/29/2010 20:16	2.2465	-0.14	0.02
6/29/2010 20:31	2.197845	-0.09	0.08
6/29/2010 20:46	2.152996	-0.04	0.14
6/29/2010 21:01	2.107656	0.00	0.18
6/29/2010 21:16	2.069234	0.04	0.22
6/29/2010 21:31	2.037456	0.07	0.25

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/27/2010 6:45	0.99075	1.14	1.19
6/27/2010 7:00	0.927965	1.20	1.24
6/27/2010 7:15	0.869724	1.26	1.30
6/27/2010 7:30	0.81482	1.32	1.36
6/27/2010 7:45	0.771641	1.36	1.39
6/27/2010 8:00	0.735247	1.39	1.42
6/27/2010 8:15	0.700032	1.43	1.46
6/27/2010 8:30	0.683708	1.45	1.49
6/27/2010 8:45	0.671685	1.46	1.49
6/27/2010 9:00	0.664452	1.47	1.49
6/27/2010 9:15	0.667247	1.46	1.49
6/27/2010 9:30	0.67696	1.45	1.48
6/27/2010 9:45	0.688192	1.44	1.46
6/27/2010 10:00	0.714154	1.42	1.45
6/27/2010 10:15	0.7436	1.39	1.41
6/27/2010 10:30	0.778405	1.35	1.37
6/27/2010 10:45	0.818085	1.31	1.33
6/27/2010 11:00	0.857737	1.27	1.28
6/27/2010 11:15	0.901332	1.23	1.24
6/27/2010 11:30	0.944959	1.19	1.20
6/27/2010 11:45	0.987088	1.14	1.15
6/27/2010 12:00	1.037601	1.09	1.10
6/27/2010 12:15	1.08506	1.04	1.05
6/27/2010 12:30	1.130852	1.00	1.00
6/27/2010 12:45	1.174893	0.96	0.96
6/27/2010 13:00	1.216214	0.91	0.90
6/27/2010 13:15	1.261863	0.87	0.86
6/27/2010 13:30	1.30138	0.83	0.82
6/27/2010 13:45	1.346589	0.78	0.76
6/27/2010 14:00	1.395479	0.73	0.71
6/27/2010 14:15	1.44608	0.68	0.66
6/27/2010 14:30	1.504922	0.63	0.60
6/27/2010 14:45	1.559427	0.57	0.54
6/27/2010 15:00	1.599331	0.53	0.49
6/27/2010 15:15	1.632062	0.50	0.45
6/27/2010 15:30	1.665158	0.46	0.40
6/27/2010 15:45	1.687919	0.44	0.38
6/27/2010 16:00	1.704372	0.43	0.36
6/27/2010 16:15	1.712075	0.42	0.35
6/27/2010 16:30	1.711999	0.42	0.35
6/27/2010 16:45	1.703111	0.43	0.35
6/27/2010 17:00	1.680585	0.45	0.37
6/27/2010 17:15	1.663414	0.47	0.39
6/27/2010 17:30	1.637546	0.49	0.40
6/27/2010 17:45	1.608288	0.52	0.42
6/27/2010 18:00	1.587309	0.54	0.44
6/27/2010 18:15	1.548633	0.58	0.46
6/27/2010 18:30	1.501583	0.63	0.51
6/27/2010 18:45	1.448198	0.68	0.58
6/27/2010 19:00	1.398678	0.73	0.63
6/27/2010 19:15	1.357895	0.77	0.67
6/27/2010 19:30	1.321209	0.81	0.71
6/27/2010 19:45	1.292013	0.84	0.76
6/27/2010 20:00	1.267717	0.86	0.77
6/27/2010 20:15	1.234801	0.90	0.81
6/27/2010 20:30	1.20554	0.92	0.84
6/27/2010 20:45	1.194372	0.94	0.85
6/27/2010 21:00	1.169663	0.96	0.87
6/27/2010 21:15	1.180165	0.95	0.85
6/27/2010 21:30	1.190055	0.94	0.84
6/27/2010 21:45	1.165998	0.96	0.87
6/27/2010 22:00	1.178727	0.95	0.86
6/27/2010 22:15	1.185795	0.94	0.82
6/27/2010 22:30	1.209027	0.92	0.80
6/27/2010 22:45	1.25205	0.88	0.78
6/27/2010 23:00	1.275	0.86	0.76
6/27/2010 23:15	1.302843	0.83	0.73
6/27/2010 23:30	1.335141	0.79	0.69
6/27/2010 23:45	1.367122	0.76	0.66

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/29/2010 21:46	2.004929	0.11	0.30
6/29/2010 22:01	1.975347	0.13	0.33
6/29/2010 22:16	1.953535	0.16	0.36
6/29/2010 22:31	1.942278	0.17	0.37
6/29/2010 22:46	1.931908	0.18	0.39
6/29/2010 23:01	1.921239	0.19	0.40
6/29/2010 23:16	1.916398	0.19	0.40
6/29/2010 23:31	1.912417	0.20	0.41
6/29/2010 23:46	1.923263	0.19	0.41
6/30/2010 0:01	1.948933	0.16	0.39
6/30/2010 0:16	1.97605	0.13	0.37
6/30/2010 0:31	2.000506	0.11	0.36
6/30/2010 0:46	2.01985	0.09	0.34
6/30/2010 1:01	2.045123	0.06	0.31
6/30/2010 1:16	2.077863	0.03	0.28
6/30/2010 1:31	2.12663	-0.02	0.23
6/30/2010 1:46	2.184296	-0.07	0.18
6/30/2010 2:01	2.225193	-0.12	0.15
6/30/2010 2:16	2.263275	-0.15	0.14
6/30/2010 2:31	2.300297	-0.19	0.10
6/30/2010 2:46	2.328192	-0.22	0.07
6/30/2010 3:01	2.35544	-0.25	0.05
6/30/2010 3:16	2.384238	-0.27	0.04
6/30/2010 3:31	2.398512	-0.29	0.01
6/30/2010 3:46	2.401888	-0.29	0.03
6/30/2010 4:01	2.415965	-0.31	0.02
6/30/2010 4:16	2.436009	-0.33	0.00
6/30/2010 4:31	2.462674	-0.35	-0.02
6/30/2010 4:46	2.490072	-0.38	-0.04
6/30/2010 5:01	2.508217	-0.40	-0.05
6/30/2010 5:16	2.511015	-0.40	-0.05
6/30/2010 5:31	2.491609	-0.38	-0.02
6/30/2010 5:46	2.462741	-0.35	0.01
6/30/2010 6:01	2.442425	-0.33	0.04
6/30/2010 6:16	2.428438	-0.32	0.05
6/30/2010 6:31	2.421853	-0.31	0.06
6/30/2010 6:46	2.412669	-0.30	0.08
6/30/2010 7:01	2.397379	-0.29	0.10
6/30/2010 7:16	2.372309	-0.26	0.13
6/30/2010 7:31	2.336369	-0.23	0.16
6/30/2010 7:46	2.298681	-0.19	0.20
6/30/2010 8:01	2.259746	-0.15	0.24
6/30/2010 8:16	2.22017	-0.11	0.29
6/30/2010 8:31	2.179653	-0.07	0.34
6/30/2010 8:46	2.145382	-0.04	0.37
6/30/2010 9:01	2.10417	0.01	0.42
6/30/2010 9:16	2.062642	0.05	0.46
6/30/2010 9:31	2.032882	0.08	0.49
6/30/2010 9:46	2.006972	0.10	0.51
6/30/2010 10:01	1.986241	0.12	0.53
6/30/2010 10:16	1.972373	0.14	0.56
6/30/2010 10:31	1.956715	0.15	0.56
6/30/2010 10:46	1.946965	0.16	0.57
6/30/2010 11:01	1.940667	0.17	0.58
6/30/2010 11:16	1.939984	0.17	0.58
6/30/2010 11:31	1.955914	0.15	0.56
6/30/2010 11:46	1.97581	0.13	0.54
6/30/2010 12:01	1.998622	0.11	0.52
6/30/2010 12:16	2.027434	0.08	0.49
6/30/2010 12:31	2.047529	0.06	0.46
6/30/2010 12:46	2.068885	0.04	0.44
6/30/2010 13:01	2.093363	0.02	0.42
6/30/2010 13:16	2.118187	-0.01	0.38
6/30/2010 13:31	2.158442	-0.05	0.34
6/30/2010 13:46	2.196001	-0.09	0.30
6/30/2010 14:01	2.233527	-0.12	0.26
6/30/2010 14:16	2.265582	-0.16	0.22
6/30/2010 14:31	2.290054	-0.18	0.20
6/30/2010 14:46	2.314712	-0.20	0.18

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/28/2010 0:00	1.410089	0.72	0.62
6/28/2010 0:15	1.444024	0.69	0.57
6/28/2010 0:30	1.48542	0.64	0.54
6/28/2010 0:45	1.529143	0.60	0.48
6/28/2010 1:00	1.561373	0.57	0.45
6/28/2010 1:15	1.602289	0.53	0.41
6/28/2010 1:30	1.638747	0.49	0.37
6/28/2010 1:45	1.660061	0.47	0.35
6/28/2010 2:00	1.690935	0.44	0.31
6/28/2010 2:15	1.717248	0.41	0.27
6/28/2010 2:30	1.743121	0.39	0.25
6/28/2010 2:45	1.768778	0.36	0.22
6/28/2010 3:00	1.785645	0.34	0.20
6/28/2010 3:15	1.795739	0.33	0.19
6/28/2010 3:30	1.783993	0.35	0.20
6/28/2010 3:45	1.765812	0.36	0.21
6/28/2010 4:00	1.748554	0.38	0.23
6/28/2010 4:15	1.717263	0.41	0.26
6/28/2010 4:30	1.690215	0.44	0.29
6/28/2010 4:45	1.660559	0.47	0.32
6/28/2010 5:00	1.609272	0.52	0.37
6/28/2010 5:15	1.558729	0.57	0.43
6/28/2010 5:30	1.49449	0.64	0.50
6/28/2010 5:45	1.411658	0.72	0.58
6/28/2010 6:00	1.344944	0.79	0.66
6/28/2010 6:15	1.27939	0.85	0.72
6/28/2010 6:30	1.214273	0.92	0.79
6/28/2010 6:45	1.162935	0.97	0.85
6/28/2010 7:00	1.094521	1.04	0.92
6/28/2010 7:15	1.027422	1.10	0.98
6/28/2010 7:30	0.958363	1.17	1.05
6/28/2010 7:45	0.898792	1.23	1.11
6/28/2010 8:00	0.847298	1.28	1.16
6/28/2010 8:15	0.794944	1.34	1.22
6/28/2010 8:30	0.75579	1.37	1.25
6/28/2010 8:45	0.718091	1.41	1.29
6/28/2010 9:00	0.688373	1.44	1.32
6/28/2010 9:15	0.666154	1.46	1.34
6/28/2010 9:30	0.64776	1.48	1.35
6/28/2010 9:45	0.633406	1.50	1.37
6/28/2010 10:00	0.633098	1.50	1.37
6/28/2010 10:15	0.630893	1.50	1.37
6/28/2010 10:30	0.647791	1.48	1.35
6/28/2010 10:45	0.667277	1.46	1.33
6/28/2010 11:00	0.682646	1.45	1.31
6/28/2010 11:15	0.717969	1.41	1.27
6/28/2010 11:30	0.742468	1.39	1.25
6/28/2010 11:45	0.776037	1.35	1.21
6/28/2010 12:00	0.815845	1.31	1.17
6/28/2010 12:15	0.847561	1.28	1.15
6/28/2010 12:30	0.888509	1.24	1.10
6/28/2010 12:45	0.930072	1.20	1.06
6/28/2010 13:00	0.982389	1.15	1.02
6/28/2010 13:15	1.040339	1.09	0.95
6/28/2010 13:30	1.0874	1.04	0.88
6/28/2010 13:45	1.137931	0.99	0.84
6/28/2010 14:00	1.174763	0.96	0.79
6/28/2010 14:15	1.20838	0.92	0.75
6/28/2010 14:30	1.261841	0.87	0.72
6/28/2010 14:45	1.318489	0.81	0.68
6/28/2010 15:00	1.39527	0.73	0.61
6/28/2010 15:15	1.495798	0.63	0.56
6/28/2010 15:30	1.587609	0.54	0.46
6/28/2010 15:45	1.680376	0.45	0.37
6/28/2010 16:00	1.660949	0.47	0.39
6/28/2010 16:15	1.57283	0.56	0.48
6/28/2010 16:30	1.597151	0.53	0.43
6/28/2010 16:45	1.624522	0.51	0.41
6/28/2010 17:00	1.670749	0.46	0.33

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/30/2010 15:01	2.346626	-0.24	0.14
6/30/2010 15:16	2.380224	-0.27	0.11
6/30/2010 15:31	2.418844	-0.31	0.06
6/30/2010 15:46	2.456703	-0.35	0.01
6/30/2010 16:01	2.486173	-0.38	-0.02
6/30/2010 16:16	2.508445	-0.40	-0.05
6/30/2010 16:31	2.526952	-0.42	-0.07
6/30/2010 16:46	2.538438	-0.43	-0.10
6/30/2010 17:01	2.550581	-0.44	-0.10
6/30/2010 17:16	2.563068	-0.45	-0.12
6/30/2010 17:31	2.571731	-0.46	-0.13
6/30/2010 17:46	2.571921	-0.46	-0.14
6/30/2010 18:01	2.556422	-0.45	-0.12
6/30/2010 18:16	2.53428	-0.42	-0.09
6/30/2010 18:31	2.504779	-0.39	-0.06
6/30/2010 18:46	2.467511	-0.36	-0.03
6/30/2010 19:01	2.428012	-0.32	0.02
6/30/2010 19:16	2.387527	-0.28	0.05
6/30/2010 19:31	2.341709	-0.23	0.11
6/30/2010 19:46	2.288849	-0.18	0.15
6/30/2010 20:01	2.229651	-0.12	0.21
6/30/2010 20:16	2.164629	-0.05	0.28
6/30/2010 20:31	2.099024	0.01	0.35
6/30/2010 20:46	2.033514	0.08	0.42
6/30/2010 21:01	1.972752	0.14	0.50
6/30/2010 21:16	1.913454	0.20	0.56
6/30/2010 21:31	1.854767	0.26	0.62
6/30/2010 21:46	1.799576	0.31	0.67
6/30/2010 22:01	1.748871	0.36	0.74
6/30/2010 22:16	1.696741	0.41	0.80
6/30/2010 22:31	1.649953	0.46	0.86
6/30/2010 22:46	1.606877	0.50	0.90
6/30/2010 23:01	1.567441	0.54	0.94
6/30/2010 23:16	1.535153	0.57	0.97
6/30/2010 23:31	1.506958	0.60	1.00
6/30/2010 23:46	1.48865	0.62	1.03
7/1/2010 0:01	1.474782	0.64	1.05
7/1/2010 0:16	1.467908	0.64	1.06
7/1/2010 0:31	1.468417	0.64	1.07
7/1/2010 0:46	1.473933	0.64	1.07
7/1/2010 1:01	1.492802	0.62	1.05
7/1/2010 1:16	1.5148	0.60	1.03
7/1/2010 1:31	1.544335	0.57	1.00
7/1/2010 1:46	1.578405	0.53	0.98
7/1/2010 2:01	1.612364	0.50	0.95
7/1/2010 2:16	1.645537	0.46	0.92
7/1/2010 2:31	1.68193	0.43	0.88
7/1/2010 2:46	1.714126	0.40	0.85
7/1/2010 3:01	1.744878	0.37	0.82
7/1/2010 3:16	1.779207	0.33	0.78
7/1/2010 3:31	1.804874	0.31	0.76
7/1/2010 3:46	1.830036	0.28	0.74
7/1/2010 4:01	1.86	0.25	0.71
7/1/2010 4:16	1.895896	0.21	0.67
7/1/2010 4:31	1.934503	0.18	0.65
7/1/2010 4:46	1.971685	0.14	0.61
7/1/2010 5:01	1.998426	0.11	0.59
7/1/2010 5:16	2.014975	0.10	0.59
7/1/2010 5:31	2.027432	0.08	0.56
7/1/2010 5:46	2.043582	0.07	0.56
7/1/2010 6:01	2.066422	0.04	0.53
7/1/2010 6:16	2.076409	0.03	0.53
7/1/2010 6:31	2.086176	0.02	0.52
7/1/2010 6:46	2.08713	0.02	0.52
7/1/2010 7:01	2.075184	0.03	0.54
7/1/2010 7:16	2.065859	0.04	0.55
7/1/2010 7:31	2.053081	0.06	0.58
7/1/2010 7:46	2.036926	0.07	0.60
7/1/2010 8:01	2.024747	0.09	0.62

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/28/2010 17:15	1.732029	0.40	0.26
6/28/2010 17:30	1.758893	0.37	0.22
6/28/2010 17:45	1.701859	0.43	0.30
6/28/2010 18:00	1.671142	0.46	0.32
6/28/2010 18:15	1.699109	0.43	0.30
6/28/2010 18:30	1.675033	0.45	0.31
6/28/2010 18:45	1.641873	0.49	0.35
6/28/2010 19:00	1.613148	0.52	0.38
6/28/2010 19:15	1.516227	0.61	0.48
6/28/2010 19:30	1.454261	0.68	0.55
6/28/2010 19:45	1.400161	0.73	0.63
6/28/2010 20:00	1.385544	0.74	0.62
6/28/2010 20:15	1.391988	0.74	0.62
6/28/2010 20:30	1.365392	0.76	0.66
6/28/2010 20:45	1.350222	0.78	0.69
6/28/2010 21:00	1.337665	0.79	0.70
6/28/2010 21:15	1.292457	0.84	0.75
6/28/2010 21:30	1.276453	0.85	0.77
6/28/2010 21:45	1.267282	0.86	0.79
6/28/2010 22:00	1.245064	0.88	0.82
6/28/2010 22:15	1.241659	0.89	0.84
6/28/2010 22:30	1.268812	0.86	0.81
6/28/2010 22:45	1.308824	0.82	0.77
6/28/2010 23:00	1.34639	0.78	0.73
6/28/2010 23:15	1.390481	0.74	0.69
6/28/2010 23:30	1.421833	0.71	0.65
6/28/2010 23:45	1.431963	0.70	0.65
6/29/2010 0:00	1.457587	0.67	0.62
6/29/2010 0:15	1.495884	0.63	0.59
6/29/2010 0:30	1.533572	0.60	0.56
6/29/2010 0:45	1.574402	0.56	0.51
6/29/2010 1:00	1.620123	0.51	0.47
6/29/2010 1:15	1.662704	0.47	0.43
6/29/2010 1:30	1.693316	0.44	0.40
6/29/2010 1:45	1.732965	0.40	0.36
6/29/2010 2:00	1.771778	0.36	0.32
6/29/2010 2:15	1.807063	0.32	0.28
6/29/2010 2:30	1.852091	0.28	0.24
6/29/2010 2:45	1.890497	0.24	0.21
6/29/2010 3:00	1.92364	0.21	0.18
6/29/2010 3:15	1.942293	0.19	0.17
6/29/2010 3:30	1.958206	0.17	0.15
6/29/2010 3:45	1.98186	0.15	0.13
6/29/2010 4:00	1.996333	0.13	0.11
6/29/2010 4:15	2.000491	0.13	0.12
6/29/2010 4:30	2.000756	0.13	0.13
6/29/2010 4:45	1.978577	0.15	0.15
6/29/2010 5:00	1.955767	0.17	0.18
6/29/2010 5:15	1.933056	0.20	0.21
6/29/2010 5:30	1.898975	0.23	0.25
6/29/2010 5:45	1.868846	0.26	0.29
6/29/2010 6:00	1.830625	0.30	0.34
6/29/2010 6:15	1.783316	0.35	0.39
6/29/2010 6:30	1.748482	0.38	0.43
6/29/2010 6:45	1.70388	0.43	0.49
6/29/2010 7:00	1.660869	0.47	0.52
6/29/2010 7:15	1.615335	0.51	0.58
6/29/2010 7:30	1.554628	0.58	0.66
6/29/2010 7:45	1.504422	0.63	0.71
6/29/2010 8:00	1.460377	0.67	0.75
6/29/2010 8:15	1.418551	0.71	0.80
6/29/2010 8:30	1.387608	0.74	0.85
6/29/2010 8:45	1.354322	0.78	0.87
6/29/2010 9:00	1.311641	0.82	0.93
6/29/2010 9:15	1.274869	0.86	0.95
6/29/2010 9:30	1.240316	0.89	1.00
6/29/2010 9:45	1.212086	0.92	1.03
6/29/2010 10:00	1.198795	0.93	1.04
6/29/2010 10:15	1.194152	0.94	1.05

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/1/2010 8:16	2.006792	0.10	0.63
7/1/2010 8:31	1.976734	0.13	0.66
7/1/2010 8:46	1.948066	0.16	0.69
7/1/2010 9:01	1.918042	0.19	0.72
7/1/2010 9:16	1.890114	0.22	0.75
7/1/2010 9:31	1.863954	0.25	0.78
7/1/2010 9:46	1.835522	0.27	0.80
7/1/2010 10:01	1.813978	0.30	0.82
7/1/2010 10:16	1.80163	0.31	0.83
7/1/2010 10:31	1.78829	0.32	0.84
7/1/2010 10:46	1.7795	0.33	0.83
7/1/2010 11:01	1.773401	0.34	0.85
7/1/2010 11:16	1.768889	0.34	0.85
7/1/2010 11:31	1.767938	0.34	0.84
7/1/2010 11:46	1.775095	0.33	0.83
7/1/2010 12:01	1.787842	0.32	0.82
7/1/2010 12:16	1.805838	0.30	0.79
7/1/2010 12:31	1.833309	0.28	0.78
7/1/2010 12:46	1.864176	0.25	0.74
7/1/2010 13:01	1.892208	0.22	0.72
7/1/2010 13:16	1.922047	0.19	0.67
7/1/2010 13:31	1.956753	0.15	0.64
7/1/2010 13:46	1.990117	0.12	0.60
7/1/2010 14:01	2.025383	0.08	0.56
7/1/2010 14:16	2.064694	0.05	0.52
7/1/2010 14:31	2.109193	0.00	0.48
7/1/2010 14:46	2.154248	-0.04	0.43
7/1/2010 15:01	2.198304	-0.09	0.37
7/1/2010 15:16	2.23917	-0.13	0.34
7/1/2010 15:31	2.273992	-0.16	0.30
7/1/2010 15:46	2.304508	-0.19	0.28
7/1/2010 16:01	2.343458	-0.23	0.23
7/1/2010 16:16	2.387077	-0.28	0.18
7/1/2010 16:31	2.4377	-0.33	0.13
7/1/2010 16:46	2.48688	-0.38	0.08
7/1/2010 17:01	2.526821	-0.42	0.04
7/1/2010 17:16	2.568001	-0.46	-0.01
7/1/2010 17:31	2.601927	-0.49	-0.04
7/1/2010 17:46	2.627584	-0.52	-0.07
7/1/2010 18:01	2.650083	-0.54	-0.09
7/1/2010 18:16	2.67079	-0.56	-0.11
7/1/2010 18:31	2.687002	-0.58	-0.13
7/1/2010 18:46	2.702377	-0.59	-0.14
7/1/2010 19:01	2.715381	-0.61	-0.15
7/1/2010 19:16	2.716451	-0.61	-0.15
7/1/2010 19:31	2.701529	-0.59	-0.13
7/1/2010 19:46	2.676177	-0.57	-0.11
7/1/2010 20:01	2.647188	-0.54	-0.08
7/1/2010 20:16	2.625401	-0.52	-0.06
7/1/2010 20:31	2.599247	-0.49	-0.03
7/1/2010 20:46	2.562829	-0.45	0.01
7/1/2010 21:01	2.52136	-0.41	0.05
7/1/2010 21:16	2.473341	-0.36	0.11
7/1/2010 21:31	2.423784	-0.31	0.16
7/1/2010 21:46	2.372975	-0.26	0.22
7/1/2010 22:01	2.332246	-0.22	0.27
7/1/2010 22:16	2.291096	-0.18	0.31
7/1/2010 22:31	2.251675	-0.14	0.36
7/1/2010 22:46	2.221384	-0.11	0.38
7/1/2010 23:01	2.193205	-0.08	0.42
7/1/2010 23:16	2.162563	-0.05	0.45
7/1/2010 23:31	2.139173	-0.03	0.47
7/1/2010 23:46	2.118735	-0.01	0.49
7/2/2010 0:01	2.102682	0.01	0.51
7/2/2010 0:16	2.090702	0.02	0.53
7/2/2010 0:31	2.0875	0.02	0.52
7/2/2010 0:46	2.088664	0.02	0.52
7/2/2010 1:01	2.094493	0.02	0.53
7/2/2010 1:16	2.10555	0.00	0.51

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/29/2010 10:30	1.199162	0.93	1.05
6/29/2010 10:45	1.218587	0.91	1.03
6/29/2010 11:00	1.238889	0.89	1.01
6/29/2010 11:15	1.265716	0.86	0.99
6/29/2010 11:30	1.291556	0.84	0.97
6/29/2010 11:45	1.317142	0.81	0.94
6/29/2010 12:00	1.361133	0.77	0.91
6/29/2010 12:15	1.407197	0.72	0.86
6/29/2010 12:30	1.458519	0.67	0.81
6/29/2010 12:45	1.518141	0.61	0.76
6/29/2010 13:00	1.56648	0.56	0.70
6/29/2010 13:15	1.616847	0.51	0.65
6/29/2010 13:30	1.673464	0.46	0.61
6/29/2010 13:45	1.73103	0.40	0.54
6/29/2010 14:00	1.783877	0.35	0.49
6/29/2010 14:15	1.823831	0.31	0.45
6/29/2010 14:30	1.875876	0.25	0.39
6/29/2010 14:45	1.943089	0.19	0.34
6/29/2010 15:00	1.985049	0.14	0.29
6/29/2010 15:15	2.01952	0.11	0.26
6/29/2010 15:30	2.06655	0.06	0.21
6/29/2010 15:45	2.115458	0.01	0.16
6/29/2010 16:00	2.157048	-0.03	0.12
6/29/2010 16:15	2.190466	-0.06	0.08
6/29/2010 16:30	2.235317	-0.11	0.02
6/29/2010 16:45	2.283905	-0.15	-0.02
6/29/2010 17:00	2.314926	-0.18	-0.05
6/29/2010 17:15	2.330471	-0.20	-0.07
6/29/2010 17:30	2.337122	-0.21	-0.09
6/29/2010 17:45	2.327389	-0.20	-0.07
6/29/2010 18:00	2.302271	-0.17	-0.04
6/29/2010 18:15	2.273158	-0.14	0.00
6/29/2010 18:30	2.249776	-0.12	0.03
6/29/2010 18:45	2.242969	-0.11	0.05
6/29/2010 19:00	2.219525	-0.09	0.07
6/29/2010 19:15	2.185477	-0.06	0.11
6/29/2010 19:30	2.152865	-0.02	0.16
6/29/2010 19:45	2.106344	0.02	0.20
6/29/2010 20:00	2.043827	0.09	0.29
6/29/2010 20:15	1.986009	0.14	0.34
6/29/2010 20:30	1.943514	0.19	0.40
6/29/2010 20:45	1.89566	0.23	0.45
6/29/2010 21:00	1.853193	0.28	0.50
6/29/2010 21:15	1.82173	0.31	0.53
6/29/2010 21:30	1.788219	0.34	0.56
6/29/2010 21:45	1.758906	0.37	0.60
6/29/2010 22:00	1.730508	0.40	0.64
6/29/2010 22:15	1.715187	0.41	0.65
6/29/2010 22:30	1.706985	0.42	0.66
6/29/2010 22:45	1.697033	0.43	0.68
6/29/2010 23:00	1.690312	0.44	0.69
6/29/2010 23:15	1.683723	0.45	0.70
6/29/2010 23:30	1.684088	0.45	0.70
6/29/2010 23:45	1.705187	0.42	0.68
6/30/2010 0:00	1.736424	0.39	0.66
6/30/2010 0:15	1.76343	0.37	0.65
6/30/2010 0:30	1.783909	0.35	0.64
6/30/2010 0:45	1.804559	0.33	0.62
6/30/2010 1:00	1.83313	0.30	0.59
6/30/2010 1:15	1.872093	0.26	0.55
6/30/2010 1:30	1.932799	0.20	0.49
6/30/2010 1:45	1.987928	0.14	0.43
6/30/2010 2:00	2.020222	0.11	0.41
6/30/2010 2:15	2.057089	0.07	0.40
6/30/2010 2:30	2.094684	0.04	0.37
6/30/2010 2:45	2.116556	0.01	0.34
6/30/2010 3:00	2.14535	-0.02	0.32
6/30/2010 3:15	2.173889	-0.04	0.31
6/30/2010 3:30	2.172915	-0.04	0.30

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/2/2010 1:31	2.119104	-0.01	0.51
7/2/2010 1:46	2.137183	-0.03	0.49
7/2/2010 2:01	2.152957	-0.04	0.48
7/2/2010 2:16	2.172164	-0.06	0.47
7/2/2010 2:31	2.192418	-0.08	0.45
7/2/2010 2:46	2.211076	-0.10	0.43
7/2/2010 3:01	2.239266	-0.13	0.41
7/2/2010 3:16	2.275785	-0.17	0.37
7/2/2010 3:31	2.315241	-0.21	0.33
7/2/2010 3:46	2.354837	-0.24	0.31
7/2/2010 4:01	2.384743	-0.27	0.27
7/2/2010 4:16	2.409895	-0.30	0.24
7/2/2010 4:31	2.43303	-0.32	0.23
7/2/2010 4:46	2.453833	-0.34	0.21
7/2/2010 5:01	2.478136	-0.37	0.18
7/2/2010 5:16	2.502015	-0.39	0.16
7/2/2010 5:31	2.524277	-0.41	0.14
7/2/2010 5:46	2.54201	-0.43	0.11
7/2/2010 6:01	2.554169	-0.44	0.12
7/2/2010 6:16	2.559206	-0.45	0.10
7/2/2010 6:31	2.556899	-0.45	0.11
7/2/2010 6:46	2.549529	-0.44	0.12
7/2/2010 7:01	2.539391	-0.43	0.14
7/2/2010 7:16	2.524884	-0.41	0.16
7/2/2010 7:31	2.506	-0.40	0.17
7/2/2010 7:46	2.484774	-0.37	0.20
7/2/2010 8:01	2.459558	-0.35	0.23
7/2/2010 8:16	2.423844	-0.31	0.26
7/2/2010 8:31	2.393687	-0.28	0.30
7/2/2010 8:46	2.361168	-0.25	0.32
7/2/2010 9:01	2.33186	-0.22	0.36
7/2/2010 9:16	2.305457	-0.20	0.38
7/2/2010 9:31	2.276915	-0.17	0.40
7/2/2010 9:46	2.240763	-0.13	0.44
7/2/2010 10:01	2.195848	-0.09	0.49
7/2/2010 10:16	2.149847	-0.04	0.54
7/2/2010 10:31	2.107791	0.00	0.58
7/2/2010 10:46	2.072864	0.04	0.62
7/2/2010 11:01	2.043034	0.07	0.65
7/2/2010 11:16	2.02451	0.09	0.66
7/2/2010 11:31	2.012708	0.10	0.66
7/2/2010 11:46	2.002641	0.11	0.68
7/2/2010 12:01	1.994974	0.12	0.69
7/2/2010 12:16	1.992063	0.12	0.69
7/2/2010 12:31	1.988998	0.12	0.68
7/2/2010 12:46	1.995026	0.11	0.67
7/2/2010 13:01	2.010045	0.10	0.65
7/2/2010 13:16	2.025325	0.08	0.63
7/2/2010 13:31	2.044227	0.07	0.61
7/2/2010 13:46	2.068399	0.04	0.58
7/2/2010 14:01	2.094814	0.02	0.55
7/2/2010 14:16	2.12317	-0.01	0.52
7/2/2010 14:31	2.1527	-0.04	0.48
7/2/2010 14:46	2.190196	-0.08	0.44
7/2/2010 15:01	2.225955	-0.12	0.39
7/2/2010 15:16	2.261588	-0.15	0.36
7/2/2010 15:31	2.303226	-0.19	0.32
7/2/2010 15:46	2.34165	-0.23	0.27
7/2/2010 16:01	2.370694	-0.26	0.24
7/2/2010 16:16	2.400906	-0.29	0.21
7/2/2010 16:31	2.432415	-0.32	0.17
7/2/2010 16:46	2.464974	-0.35	0.14
7/2/2010 17:01	2.498588	-0.39	0.10
7/2/2010 17:16	2.535681	-0.43	0.05
7/2/2010 17:31	2.573118	-0.46	0.02
7/2/2010 17:46	2.607188	-0.50	-0.02
7/2/2010 18:01	2.631511	-0.52	-0.05
7/2/2010 18:16	2.648845	-0.54	-0.06
7/2/2010 18:31	2.664671	-0.55	-0.08

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/30/2010 3:45	2.177053	-0.05	0.31
6/30/2010 4:00	2.198179	-0.07	0.30
6/30/2010 4:15	2.221257	-0.09	0.28
6/30/2010 4:30	2.250494	-0.12	0.25
6/30/2010 4:45	2.277592	-0.15	0.23
6/30/2010 5:00	2.287991	-0.16	0.23
6/30/2010 5:15	2.280154	-0.15	0.24
6/30/2010 5:30	2.249589	-0.12	0.28
6/30/2010 5:45	2.217844	-0.09	0.31
6/30/2010 6:00	2.202114	-0.07	0.34
6/30/2010 6:15	2.194627	-0.06	0.35
6/30/2010 6:30	2.187495	-0.06	0.35
6/30/2010 6:45	2.175972	-0.05	0.37
6/30/2010 7:00	2.158951	-0.03	0.40
6/30/2010 7:15	2.127245	0.00	0.43
6/30/2010 7:30	2.084044	0.05	0.48
6/30/2010 7:45	2.046633	0.08	0.51
6/30/2010 8:00	2.006552	0.12	0.55
6/30/2010 8:15	1.962062	0.17	0.61
6/30/2010 8:30	1.924831	0.21	0.66
6/30/2010 8:45	1.893067	0.24	0.69
6/30/2010 9:00	1.845134	0.28	0.73
6/30/2010 9:15	1.808367	0.32	0.77
6/30/2010 9:30	1.783735	0.35	0.80
6/30/2010 9:45	1.758369	0.37	0.82
6/30/2010 10:00	1.745469	0.38	0.83
6/30/2010 10:15	1.731088	0.40	0.86
6/30/2010 10:30	1.717387	0.41	0.86
6/30/2010 10:45	1.713419	0.42	0.87
6/30/2010 11:00	1.704736	0.43	0.88
6/30/2010 11:15	1.712067	0.42	0.87
6/30/2010 11:30	1.737128	0.39	0.84
6/30/2010 11:45	1.754748	0.38	0.83
6/30/2010 12:00	1.787921	0.34	0.79
6/30/2010 12:15	1.812649	0.32	0.77
6/30/2010 12:30	1.827996	0.30	0.74
6/30/2010 12:45	1.854341	0.28	0.72
6/30/2010 13:00	1.87901	0.25	0.69
6/30/2010 13:15	1.910841	0.22	0.65
6/30/2010 13:30	1.957203	0.17	0.60
6/30/2010 13:45	1.99276	0.14	0.57
6/30/2010 14:00	2.02779	0.10	0.52
6/30/2010 14:15	2.054008	0.08	0.50
6/30/2010 14:30	2.07629	0.05	0.47
6/30/2010 14:45	2.102572	0.03	0.45
6/30/2010 15:00	2.14011	-0.01	0.41
6/30/2010 15:15	2.173194	-0.04	0.38
6/30/2010 15:30	2.213874	-0.08	0.33
6/30/2010 15:45	2.248945	-0.12	0.28
6/30/2010 16:00	2.276183	-0.15	0.25
6/30/2010 16:15	2.292924	-0.16	0.23
6/30/2010 16:30	2.308027	-0.18	0.21
6/30/2010 16:45	2.317066	-0.19	0.18
6/30/2010 17:00	2.329867	-0.20	0.18
6/30/2010 17:15	2.341936	-0.21	0.16
6/30/2010 17:30	2.35007	-0.22	0.15
6/30/2010 17:45	2.340385	-0.21	0.15
6/30/2010 18:00	2.315964	-0.19	0.18
6/30/2010 18:15	2.289171	-0.16	0.21
6/30/2010 18:30	2.256126	-0.13	0.24
6/30/2010 18:45	2.215654	-0.09	0.28
6/30/2010 19:00	2.172405	-0.04	0.34
6/30/2010 19:15	2.131097	0.00	0.37
6/30/2010 19:30	2.082654	0.05	0.43
6/30/2010 19:45	2.024239	0.11	0.48
6/30/2010 20:00	1.961676	0.17	0.54
6/30/2010 20:15	1.892512	0.24	0.61
6/30/2010 20:30	1.826039	0.30	0.68
6/30/2010 20:45	1.762962	0.37	0.75

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/2/2010 18:46	2.674422	-0.56	-0.09
7/2/2010 19:01	2.677741	-0.57	-0.10
7/2/2010 19:16	2.676981	-0.57	-0.10
7/2/2010 19:31	2.674575	-0.56	-0.09
7/2/2010 19:46	2.664912	-0.55	-0.09
7/2/2010 20:01	2.641559	-0.53	-0.06
7/2/2010 20:16	2.611074	-0.50	-0.04
7/2/2010 20:31	2.57927	-0.47	0.00
7/2/2010 20:46	2.541732	-0.43	0.04
7/2/2010 21:01	2.500499	-0.39	0.08
7/2/2010 21:16	2.45587	-0.35	0.12
7/2/2010 21:31	2.404568	-0.29	0.18
7/2/2010 21:46	2.353811	-0.24	0.24
7/2/2010 22:01	2.298945	-0.19	0.30
7/2/2010 22:16	2.244088	-0.13	0.35
7/2/2010 22:31	2.187931	-0.08	0.39
7/2/2010 22:46	2.131808	-0.02	0.47
7/2/2010 23:01	2.076323	0.03	0.51
7/2/2010 23:16	2.025948	0.08	0.54
7/2/2010 23:31	1.977522	0.13	0.61
7/2/2010 23:46	1.930268	0.18	0.66
7/3/2010 0:01	1.884366	0.23	0.71
7/3/2010 0:16	1.842345	0.27	0.74
7/3/2010 0:31	1.806904	0.30	0.78
7/3/2010 0:46	1.778501	0.33	0.81
7/3/2010 1:01	1.753376	0.36	0.84
7/3/2010 1:16	1.730182	0.38	0.86
7/3/2010 1:31	1.711061	0.40	0.88
7/3/2010 1:46	1.699085	0.41	0.89
7/3/2010 2:01	1.691531	0.42	0.90
7/3/2010 2:16	1.690461	0.42	0.90
7/3/2010 2:31	1.696027	0.41	0.89
7/3/2010 2:46	1.702223	0.41	0.89
7/3/2010 3:01	1.708888	0.40	0.88
7/3/2010 3:16	1.715895	0.39	0.87
7/3/2010 3:31	1.724646	0.39	0.87
7/3/2010 3:46	1.735881	0.37	0.85
7/3/2010 4:01	1.748725	0.36	0.84
7/3/2010 4:16	1.766882	0.34	0.82
7/3/2010 4:31	1.781438	0.33	0.82
7/3/2010 4:46	1.80071	0.31	0.80
7/3/2010 5:01	1.819188	0.29	0.78
7/3/2010 5:16	1.833406	0.28	0.77
7/3/2010 5:31	1.845312	0.26	0.76
7/3/2010 5:46	1.847059	0.26	0.76
7/3/2010 6:01	1.849474	0.26	0.77
7/3/2010 6:16	1.843427	0.27	0.78
7/3/2010 6:31	1.837652	0.27	0.78
7/3/2010 6:46	1.838999	0.27	0.78
7/3/2010 7:01	1.838009	0.27	0.78
7/3/2010 7:16	1.842016	0.27	0.79
7/3/2010 7:31	1.839962	0.27	0.79
7/3/2010 7:46	1.827838	0.28	0.80
7/3/2010 8:01	1.80601	0.30	0.82
7/3/2010 8:16	1.777719	0.33	0.86
7/3/2010 8:31	1.749988	0.36	0.89
7/3/2010 8:46	1.725961	0.38	0.90
7/3/2010 9:01	1.705613	0.40	0.92
7/3/2010 9:16	1.688726	0.42	0.94
7/3/2010 9:31	1.668807	0.44	0.95
7/3/2010 9:46	1.646151	0.46	0.96
7/3/2010 10:01	1.616388	0.49	0.99
7/3/2010 10:16	1.584267	0.53	1.02
7/3/2010 10:31	1.553841	0.56	1.05
7/3/2010 10:46	1.524047	0.59	1.08
7/3/2010 11:01	1.500869	0.61	1.09
7/3/2010 11:16	1.4842	0.63	1.11
7/3/2010 11:31	1.467551	0.64	1.11
7/3/2010 11:46	1.455007	0.65	1.12

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/30/2010 21:00	1.703512	0.43	0.83
6/30/2010 21:15	1.643654	0.49	0.89
6/30/2010 21:30	1.586402	0.54	0.94
6/30/2010 21:45	1.532821	0.60	1.00
6/30/2010 22:00	1.481652	0.65	1.07
6/30/2010 22:15	1.430577	0.70	1.13
6/30/2010 22:30	1.386583	0.74	1.18
6/30/2010 22:45	1.344159	0.79	1.23
6/30/2010 23:00	1.311393	0.82	1.26
6/30/2010 23:15	1.282546	0.85	1.29
6/30/2010 23:30	1.257124	0.87	1.31
6/30/2010 23:45	1.244353	0.89	1.34
7/1/2010 0:00	1.23107	0.90	1.35
7/1/2010 0:15	1.229827	0.90	1.36
7/1/2010 0:30	1.234609	0.90	1.37
7/1/2010 0:45	1.246498	0.88	1.35
7/1/2010 1:00	1.273938	0.86	1.33
7/1/2010 1:15	1.297856	0.83	1.30
7/1/2010 1:30	1.332148	0.80	1.27
7/1/2010 1:45	1.368766	0.76	1.24
7/1/2010 2:00	1.402058	0.73	1.21
7/1/2010 2:15	1.436573	0.69	1.18
7/1/2010 2:30	1.473699	0.66	1.14
7/1/2010 2:45	1.504405	0.63	1.11
7/1/2010 3:00	1.536472	0.59	1.07
7/1/2010 3:15	1.56938	0.56	1.04
7/1/2010 3:30	1.591925	0.54	1.02
7/1/2010 3:45	1.616841	0.51	1.00
7/1/2010 4:00	1.654419	0.48	0.97
7/1/2010 4:15	1.690972	0.44	0.93
7/1/2010 4:30	1.729568	0.40	0.90
7/1/2010 4:45	1.763818	0.37	0.87
7/1/2010 5:00	1.783697	0.35	0.86
7/1/2010 5:15	1.795057	0.33	0.86
7/1/2010 5:30	1.808509	0.32	0.83
7/1/2010 5:45	1.830507	0.30	0.83
7/1/2010 6:00	1.847984	0.28	0.81
7/1/2010 6:15	1.85314	0.28	0.82
7/1/2010 6:30	1.862823	0.27	0.81
7/1/2010 6:45	1.854118	0.28	0.82
7/1/2010 7:00	1.838296	0.29	0.84
7/1/2010 7:15	1.829917	0.30	0.85
7/1/2010 7:30	1.814503	0.32	0.88
7/1/2010 7:45	1.798421	0.33	0.90
7/1/2010 8:00	1.788119	0.34	0.91
7/1/2010 8:15	1.759765	0.37	0.94
7/1/2010 8:30	1.727345	0.40	0.97
7/1/2010 8:45	1.699371	0.43	1.00
7/1/2010 9:00	1.666284	0.46	1.03
7/1/2010 9:15	1.641877	0.49	1.06
7/1/2010 9:30	1.615967	0.51	1.08
7/1/2010 9:45	1.586178	0.54	1.11
7/1/2010 10:00	1.572417	0.56	1.12
7/1/2010 10:15	1.562898	0.57	1.13
7/1/2010 10:30	1.548255	0.58	1.14
7/1/2010 10:45	1.543996	0.59	1.13
7/1/2010 11:00	1.538591	0.59	1.14
7/1/2010 11:15	1.536965	0.59	1.14
7/1/2010 11:30	1.539814	0.59	1.13
7/1/2010 11:45	1.552722	0.58	1.12
7/1/2010 12:00	1.568279	0.56	1.10
7/1/2010 12:15	1.59001	0.54	1.07
7/1/2010 12:30	1.626198	0.50	1.04
7/1/2010 12:45	1.656625	0.47	1.00
7/1/2010 13:00	1.681167	0.45	0.99
7/1/2010 13:15	1.717486	0.41	0.92
7/1/2010 13:30	1.752613	0.38	0.91
7/1/2010 13:45	1.782324	0.35	0.86
7/1/2010 14:00	1.824371	0.31	0.82

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/3/2010 12:01	1.443139	0.67	1.13
7/3/2010 12:16	1.431735	0.68	1.15
7/3/2010 12:31	1.425766	0.68	1.13
7/3/2010 12:46	1.426262	0.68	1.13
7/3/2010 13:01	1.436381	0.67	1.10
7/3/2010 13:16	1.453285	0.66	1.09
7/3/2010 13:31	1.469958	0.64	1.06
7/3/2010 13:46	1.492881	0.62	1.05
7/3/2010 14:01	1.514576	0.60	1.02
7/3/2010 14:16	1.537002	0.57	0.97
7/3/2010 14:31	1.562898	0.55	0.95
7/3/2010 14:46	1.595519	0.51	0.91
7/3/2010 15:01	1.628971	0.48	0.88
7/3/2010 15:16	1.669531	0.44	0.82
7/3/2010 15:31	1.706005	0.40	0.78
7/3/2010 15:46	1.74139	0.37	0.75
7/3/2010 16:01	1.775478	0.33	0.69
7/3/2010 16:16	1.813474	0.30	0.67
7/3/2010 16:31	1.854276	0.26	0.63
7/3/2010 16:46	1.898243	0.21	0.57
7/3/2010 17:01	1.941388	0.17	0.52
7/3/2010 17:16	1.984169	0.13	0.48
7/3/2010 17:31	2.022051	0.09	0.44
7/3/2010 17:46	2.059998	0.05	0.40
7/3/2010 18:01	2.099211	0.01	0.35
7/3/2010 18:16	2.138981	-0.03	0.31
7/3/2010 18:31	2.175923	-0.07	0.27
7/3/2010 18:46	2.213289	-0.10	0.25
7/3/2010 19:01	2.241919	-0.13	0.22
7/3/2010 19:16	2.266227	-0.16	0.18
7/3/2010 19:31	2.286533	-0.18	0.16
7/3/2010 19:46	2.297299	-0.19	0.15
7/3/2010 20:01	2.30114	-0.19	0.15
7/3/2010 20:16	2.29884	-0.19	0.15
7/3/2010 20:31	2.287561	-0.18	0.16
7/3/2010 20:46	2.271034	-0.16	0.18
7/3/2010 21:01	2.250713	-0.14	0.20
7/3/2010 21:16	2.223147	-0.11	0.23
7/3/2010 21:31	2.188712	-0.08	0.26
7/3/2010 21:46	2.147478	-0.04	0.31
7/3/2010 22:01	2.103587	0.01	0.36
7/3/2010 22:16	2.049565	0.06	0.41
7/3/2010 22:31	1.991109	0.12	0.47
7/3/2010 22:46	1.934036	0.18	0.53
7/3/2010 23:01	1.879127	0.23	0.57
7/3/2010 23:16	1.824422	0.29	0.64
7/3/2010 23:31	1.771449	0.34	0.69
7/3/2010 23:46	1.72165	0.39	0.74
7/4/2010 0:01	1.675397	0.43	0.79
7/4/2010 0:16	1.633108	0.48	0.84
7/4/2010 0:31	1.592503	0.52	0.88
7/4/2010 0:46	1.55944	0.55	0.91
7/4/2010 1:01	1.532307	0.58	0.94
7/4/2010 1:16	1.505929	0.60	0.95
7/4/2010 1:31	1.487398	0.62	0.97
7/4/2010 1:46	1.471503	0.64	0.99
7/4/2010 2:01	1.456467	0.65	1.00
7/4/2010 2:16	1.44765	0.66	1.01
7/4/2010 2:31	1.447637	0.66	1.01
7/4/2010 2:46	1.456737	0.65	1.00
7/4/2010 3:01	1.466061	0.64	0.98
7/4/2010 3:16	1.471433	0.64	0.98
7/4/2010 3:31	1.479342	0.63	0.97
7/4/2010 3:46	1.489958	0.62	0.96
7/4/2010 4:01	1.505683	0.60	0.94
7/4/2010 4:16	1.529107	0.58	0.92
7/4/2010 4:31	1.550926	0.56	0.90
7/4/2010 4:46	1.568644	0.54	0.88
7/4/2010 5:01	1.586445	0.52	0.86

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/1/2010 14:15	1.865701	0.26	0.76
7/1/2010 14:30	1.911561	0.22	0.73
7/1/2010 14:45	1.955122	0.17	0.67
7/1/2010 15:00	1.996393	0.13	0.62
7/1/2010 15:15	2.038488	0.09	0.59
7/1/2010 15:30	2.067788	0.06	0.55
7/1/2010 15:45	2.098497	0.03	0.53
7/1/2010 16:00	2.139828	-0.01	0.48
7/1/2010 16:15	2.192714	-0.06	0.43
7/1/2010 16:30	2.242021	-0.11	0.38
7/1/2010 16:45	2.287078	-0.16	0.33
7/1/2010 17:00	2.324504	-0.19	0.30
7/1/2010 17:15	2.364256	-0.23	0.25
7/1/2010 17:30	2.389761	-0.26	0.22
7/1/2010 17:45	2.413362	-0.28	0.20
7/1/2010 18:00	2.436657	-0.31	0.17
7/1/2010 18:15	2.454315	-0.32	0.16
7/1/2010 18:30	2.466017	-0.34	0.14
7/1/2010 18:45	2.483663	-0.35	0.13
7/1/2010 19:00	2.494878	-0.36	0.13
7/1/2010 19:15	2.483212	-0.35	0.14
7/1/2010 19:30	2.459463	-0.33	0.16
7/1/2010 19:45	2.42853	-0.30	0.19
7/1/2010 20:00	2.403434	-0.27	0.22
7/1/2010 20:15	2.381746	-0.25	0.24
7/1/2010 20:30	2.350953	-0.22	0.27
7/1/2010 20:45	2.308643	-0.18	0.31
7/1/2010 21:00	2.264931	-0.13	0.36
7/1/2010 21:15	2.215098	-0.09	0.41
7/1/2010 21:30	2.161924	-0.03	0.47
7/1/2010 21:45	2.115009	0.01	0.52
7/1/2010 22:00	2.077166	0.05	0.58
7/1/2010 22:15	2.035334	0.09	0.62
7/1/2010 22:30	1.999323	0.13	0.67
7/1/2010 22:45	1.974816	0.16	0.69
7/1/2010 23:00	1.943991	0.19	0.73
7/1/2010 23:15	1.915081	0.21	0.75
7/1/2010 23:30	1.896631	0.23	0.77
7/1/2010 23:45	1.877013	0.25	0.79
7/2/2010 0:00	1.863682	0.27	0.81
7/2/2010 0:15	1.85514	0.27	0.82
7/2/2010 0:30	1.85685	0.27	0.81
7/2/2010 0:45	1.861856	0.27	0.81
7/2/2010 1:00	1.869495	0.26	0.81
7/2/2010 1:15	1.882042	0.25	0.80
7/2/2010 1:30	1.900795	0.23	0.79
7/2/2010 1:45	1.917295	0.21	0.77
7/2/2010 2:00	1.933286	0.20	0.76
7/2/2010 2:15	1.955334	0.17	0.74
7/2/2010 2:30	1.972284	0.16	0.73
7/2/2010 2:45	1.9957	0.13	0.70
7/2/2010 3:00	2.029059	0.10	0.68
7/2/2010 3:15	2.067965	0.06	0.64
7/2/2010 3:30	2.11087	0.02	0.60
7/2/2010 3:45	2.149329	-0.02	0.57
7/2/2010 4:00	2.172271	-0.04	0.54
7/2/2010 4:15	2.195317	-0.07	0.51
7/2/2010 4:30	2.216887	-0.09	0.50
7/2/2010 4:45	2.239238	-0.11	0.48
7/2/2010 5:00	2.263034	-0.13	0.46
7/2/2010 5:15	2.288252	-0.16	0.43
7/2/2010 5:30	2.309924	-0.18	0.41
7/2/2010 5:45	2.324396	-0.19	0.39
7/2/2010 6:00	2.330481	-0.20	0.40
7/2/2010 6:15	2.330441	-0.20	0.39
7/2/2010 6:30	2.327053	-0.20	0.40
7/2/2010 6:45	2.31514	-0.19	0.41
7/2/2010 7:00	2.302364	-0.17	0.44
7/2/2010 7:15	2.284989	-0.15	0.46

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/4/2010 5:16	1.604055	0.51	0.86
7/4/2010 5:31	1.625544	0.48	0.83
7/4/2010 5:46	1.645268	0.46	0.81
7/4/2010 6:01	1.664085	0.45	0.80
7/4/2010 6:16	1.68613	0.42	0.77
7/4/2010 6:31	1.705608	0.40	0.74
7/4/2010 6:46	1.721872	0.39	0.74
7/4/2010 7:01	1.741024	0.37	0.72
7/4/2010 7:16	1.755173	0.35	0.70
7/4/2010 7:31	1.766503	0.34	0.70
7/4/2010 7:46	1.777267	0.33	0.68
7/4/2010 8:01	1.779515	0.33	0.68
7/4/2010 8:16	1.775582	0.33	0.67
7/4/2010 8:31	1.77036	0.34	0.69
7/4/2010 8:46	1.764446	0.35	0.70
7/4/2010 9:01	1.758181	0.35	0.70
7/4/2010 9:16	1.747142	0.36	0.69
7/4/2010 9:31	1.736492	0.37	0.70
7/4/2010 9:46	1.728538	0.38	0.70
7/4/2010 10:01	1.714652	0.40	0.72
7/4/2010 10:16	1.703871	0.41	0.73
7/4/2010 10:31	1.68943	0.42	0.74
7/4/2010 10:46	1.671249	0.44	0.76
7/4/2010 11:01	1.654694	0.46	0.79
7/4/2010 11:16	1.631808	0.48	0.80
7/4/2010 11:31	1.609276	0.50	0.82
7/4/2010 11:46	1.591052	0.52	0.84
7/4/2010 12:01	1.572917	0.54	0.85
7/4/2010 12:16	1.563923	0.55	0.86
7/4/2010 12:31	1.555939	0.55	0.85
7/4/2010 12:46	1.551947	0.56	0.85
7/4/2010 13:01	1.54923	0.56	0.86
7/4/2010 13:16	1.548497	0.56	0.86
7/4/2010 13:31	1.551522	0.56	0.85
7/4/2010 13:46	1.559488	0.55	0.84
7/4/2010 14:01	1.566581	0.54	0.82
7/4/2010 14:16	1.582441	0.53	0.81
7/4/2010 14:31	1.607937	0.50	0.78
7/4/2010 14:46	1.637425	0.47	0.74
7/4/2010 15:01	1.669523	0.44	0.69
7/4/2010 15:16	1.703768	0.41	0.66
7/4/2010 15:31	1.737965	0.37	0.61
7/4/2010 15:46	1.773246	0.34	0.58
7/4/2010 16:01	1.810593	0.30	0.54
7/4/2010 16:16	1.84872	0.26	0.49
7/4/2010 16:31	1.888223	0.22	0.45
7/4/2010 16:46	1.925909	0.18	0.40
7/4/2010 17:01	1.964715	0.15	0.37
7/4/2010 17:16	2.004872	0.11	0.32
7/4/2010 17:31	2.044745	0.07	0.28
7/4/2010 17:46	2.084906	0.03	0.24
7/4/2010 18:01	2.120753	-0.01	0.20
7/4/2010 18:16	2.15736	-0.05	0.15
7/4/2010 18:31	2.194988	-0.08	0.12
7/4/2010 18:46	2.228183	-0.12	0.08
7/4/2010 19:01	2.253693	-0.14	0.06
7/4/2010 19:16	2.278057	-0.17	0.03
7/4/2010 19:31	2.300259	-0.19	0.02
7/4/2010 19:46	2.323044	-0.21	-0.01
7/4/2010 20:01	2.341699	-0.23	-0.02
7/4/2010 20:16	2.345512	-0.24	-0.04
7/4/2010 20:31	2.340988	-0.23	-0.03
7/4/2010 20:46	2.332072	-0.22	-0.01
7/4/2010 21:01	2.31177	-0.20	0.02
7/4/2010 21:16	2.281698	-0.17	0.05
7/4/2010 21:31	2.252299	-0.14	0.08
7/4/2010 21:46	2.225353	-0.12	0.11
7/4/2010 22:01	2.194977	-0.08	0.15
7/4/2010 22:16	2.15891	-0.05	0.18

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/2/2010 7:30	2.264421	-0.13	0.48
7/2/2010 7:45	2.243157	-0.11	0.50
7/2/2010 8:00	2.212682	-0.08	0.54
7/2/2010 8:15	2.174812	-0.04	0.57
7/2/2010 8:30	2.143034	-0.01	0.61
7/2/2010 8:45	2.111482	0.02	0.63
7/2/2010 9:00	2.08463	0.05	0.67
7/2/2010 9:15	2.057362	0.07	0.69
7/2/2010 9:30	2.025104	0.10	0.71
7/2/2010 9:45	1.983822	0.15	0.76
7/2/2010 10:00	1.9338	0.20	0.82
7/2/2010 10:15	1.888634	0.24	0.86
7/2/2010 10:30	1.850319	0.28	0.90
7/2/2010 10:45	1.81952	0.31	0.93
7/2/2010 11:00	1.795305	0.33	0.95
7/2/2010 11:15	1.783954	0.35	0.96
7/2/2010 11:30	1.775211	0.35	0.95
7/2/2010 11:45	1.761874	0.37	0.98
7/2/2010 12:00	1.759853	0.37	0.98
7/2/2010 12:15	1.759264	0.37	0.98
7/2/2010 12:30	1.756184	0.37	0.97
7/2/2010 12:45	1.770225	0.36	0.96
7/2/2010 13:00	1.789019	0.34	0.93
7/2/2010 13:15	1.804267	0.33	0.92
7/2/2010 13:30	1.829864	0.30	0.88
7/2/2010 13:45	1.85615	0.27	0.85
7/2/2010 14:00	1.883269	0.25	0.82
7/2/2010 14:15	1.911763	0.22	0.79
7/2/2010 14:30	1.944876	0.19	0.75
7/2/2010 14:45	1.986172	0.14	0.70
7/2/2010 15:00	2.020775	0.11	0.66
7/2/2010 15:15	2.056689	0.07	0.62
7/2/2010 15:30	2.101819	0.03	0.58
7/2/2010 15:45	2.134141	0.00	0.54
7/2/2010 16:00	2.160016	-0.03	0.51
7/2/2010 16:15	2.192116	-0.06	0.48
7/2/2010 16:30	2.222909	-0.09	0.44
7/2/2010 16:45	2.254721	-0.12	0.41
7/2/2010 17:00	2.290578	-0.16	0.37
7/2/2010 17:15	2.329914	-0.20	0.31
7/2/2010 17:30	2.368008	-0.24	0.27
7/2/2010 17:45	2.397109	-0.27	0.24
7/2/2010 18:00	2.415119	-0.29	0.21
7/2/2010 18:15	2.429533	-0.30	0.21
7/2/2010 18:30	2.445625	-0.32	0.18
7/2/2010 18:45	2.449069	-0.32	0.18
7/2/2010 19:00	2.448662	-0.32	0.18
7/2/2010 19:15	2.447398	-0.32	0.18
7/2/2010 19:30	2.444952	-0.31	0.19
7/2/2010 19:45	2.427107	-0.30	0.19
7/2/2010 20:00	2.39715	-0.27	0.23
7/2/2010 20:15	2.364478	-0.23	0.26
7/2/2010 20:30	2.331109	-0.20	0.30
7/2/2010 20:45	2.288292	-0.16	0.34
7/2/2010 21:00	2.244629	-0.11	0.39
7/2/2010 21:15	2.197523	-0.07	0.43
7/2/2010 21:30	2.145458	-0.02	0.48
7/2/2010 21:45	2.090904	0.04	0.55
7/2/2010 22:00	2.034169	0.10	0.63
7/2/2010 22:15	1.980293	0.15	0.66
7/2/2010 22:30	1.924952	0.21	0.71
7/2/2010 22:45	1.866888	0.26	0.79
7/2/2010 23:00	1.814555	0.32	0.83
7/2/2010 23:15	1.767033	0.36	0.85
7/2/2010 23:30	1.717955	0.41	0.92
7/2/2010 23:45	1.670333	0.46	0.97
7/3/2010 0:00	1.627696	0.50	1.01
7/3/2010 0:15	1.585624	0.54	1.04
7/3/2010 0:30	1.556505	0.57	1.08

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/4/2010 22:31	2.116575	-0.01	0.23
7/4/2010 22:46	2.068285	0.04	0.28
7/4/2010 23:01	2.012569	0.10	0.35
7/4/2010 23:16	1.953173	0.16	0.41
7/4/2010 23:31	1.894263	0.22	0.47
7/4/2010 23:46	1.838633	0.27	0.52
7/5/2010 0:01	1.788289	0.32	0.56
7/5/2010 0:16	1.742453	0.37	0.62
7/5/2010 0:31	1.690455	0.42	0.67
7/5/2010 0:46	1.634286	0.48	0.75
7/5/2010 1:01	1.578557	0.53	0.80
7/5/2010 1:16	1.533812	0.58	0.83
7/5/2010 1:31	1.493312	0.62	0.87
7/5/2010 1:46	1.457753	0.65	0.90
7/5/2010 2:01	1.424314	0.69	0.94
7/5/2010 2:16	1.393091	0.72	0.96
7/5/2010 2:31	1.369178	0.74	0.98
7/5/2010 2:46	1.352932	0.76	1.00
7/5/2010 3:01	1.344479	0.77	1.01
7/5/2010 3:16	1.340574	0.77	1.01
7/5/2010 3:31	1.337664	0.77	1.01
7/5/2010 3:46	1.341532	0.77	1.00
7/5/2010 4:01	1.345685	0.76	1.00
7/5/2010 4:16	1.351705	0.76	1.00
7/5/2010 4:31	1.371943	0.74	0.98
7/5/2010 4:46	1.392307	0.72	0.96
7/5/2010 5:01	1.417314	0.69	0.93
7/5/2010 5:16	1.445143	0.66	0.91
7/5/2010 5:31	1.469059	0.64	0.88
7/5/2010 5:46	1.494124	0.62	0.87
7/5/2010 6:01	1.522613	0.59	0.84
7/5/2010 6:16	1.554502	0.56	0.83
7/5/2010 6:31	1.584004	0.53	0.80
7/5/2010 6:46	1.612764	0.50	0.78
7/5/2010 7:01	1.643929	0.47	0.74
7/5/2010 7:16	1.671676	0.44	0.72
7/5/2010 7:31	1.698024	0.41	0.69
7/5/2010 7:46	1.726588	0.38	0.67
7/5/2010 8:01	1.753159	0.36	0.64
7/5/2010 8:16	1.778077	0.33	0.61
7/5/2010 8:31	1.801753	0.31	0.60
7/5/2010 8:46	1.82172	0.29	0.58
7/5/2010 9:01	1.840684	0.27	0.56
7/5/2010 9:16	1.854055	0.26	0.55
7/5/2010 9:31	1.8653	0.24	0.53
7/5/2010 9:46	1.87723	0.23	0.51
7/5/2010 10:01	1.882227	0.23	0.51
7/5/2010 10:16	1.883721	0.23	0.52
7/5/2010 10:31	1.884213	0.23	0.52
7/5/2010 10:46	1.882637	0.23	0.51
7/5/2010 11:01	1.874817	0.24	0.53
7/5/2010 11:16	1.869415	0.24	0.52
7/5/2010 11:31	1.86855	0.24	0.51
7/5/2010 11:46	1.865356	0.24	0.52
7/5/2010 12:01	1.860407	0.25	0.53
7/5/2010 12:16	1.855922	0.25	0.52
7/5/2010 12:31	1.846711	0.26	0.53
7/5/2010 12:46	1.834548	0.28	0.53
7/5/2010 13:01	1.828604	0.28	0.53
7/5/2010 13:16	1.827581	0.28	0.52
7/5/2010 13:31	1.828959	0.28	0.52
7/5/2010 13:46	1.831828	0.28	0.52
7/5/2010 14:01	1.838523	0.27	0.51
7/5/2010 14:16	1.843809	0.27	0.50
7/5/2010 14:31	1.853492	0.26	0.49
7/5/2010 14:46	1.872457	0.24	0.47
7/5/2010 15:01	1.89803	0.21	0.44
7/5/2010 15:16	1.931269	0.18	0.41
7/5/2010 15:31	1.966374	0.14	0.36

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/3/2010 0:45	1.528691	0.60	1.11
7/3/2010 1:00	1.507325	0.62	1.13
7/3/2010 1:15	1.485358	0.64	1.15
7/3/2010 1:30	1.469308	0.66	1.17
7/3/2010 1:45	1.462594	0.67	1.18
7/3/2010 2:00	1.457357	0.67	1.18
7/3/2010 2:15	1.46111	0.67	1.18
7/3/2010 2:30	1.468596	0.66	1.17
7/3/2010 2:45	1.476754	0.65	1.16
7/3/2010 3:00	1.483663	0.65	1.16
7/3/2010 3:15	1.49076	0.64	1.15
7/3/2010 3:30	1.502077	0.63	1.14
7/3/2010 3:45	1.512439	0.62	1.13
7/3/2010 4:00	1.528629	0.60	1.11
7/3/2010 4:15	1.547284	0.58	1.09
7/3/2010 4:30	1.562215	0.57	1.10
7/3/2010 4:45	1.583626	0.55	1.08
7/3/2010 5:00	1.599142	0.53	1.06
7/3/2010 5:15	1.611441	0.52	1.05
7/3/2010 5:30	1.619819	0.51	1.05
7/3/2010 5:45	1.618637	0.51	1.05
7/3/2010 6:00	1.617826	0.51	1.06
7/3/2010 6:15	1.611112	0.52	1.07
7/3/2010 6:30	1.605915	0.52	1.07
7/3/2010 6:45	1.6105	0.52	1.07
7/3/2010 7:00	1.610807	0.52	1.07
7/3/2010 7:15	1.615741	0.51	1.07
7/3/2010 7:30	1.608669	0.52	1.08
7/3/2010 7:45	1.586807	0.54	1.10
7/3/2010 8:00	1.560604	0.57	1.13
7/3/2010 8:15	1.529973	0.60	1.17
7/3/2010 8:30	1.502548	0.63	1.20
7/3/2010 8:45	1.480748	0.65	1.21
7/3/2010 9:00	1.463822	0.67	1.23
7/3/2010 9:15	1.44865	0.68	1.24
7/3/2010 9:30	1.424057	0.71	1.26
7/3/2010 9:45	1.398552	0.73	1.27
7/3/2010 10:00	1.364948	0.77	1.31
7/3/2010 10:15	1.330175	0.80	1.33
7/3/2010 10:30	1.300242	0.83	1.36
7/3/2010 10:45	1.27157	0.86	1.39
7/3/2010 11:00	1.255728	0.87	1.38
7/3/2010 11:15	1.240393	0.89	1.40
7/3/2010 11:30	1.22677	0.90	1.40
7/3/2010 11:45	1.216149	0.91	1.41
7/3/2010 12:00	1.202176	0.93	1.42
7/3/2010 12:15	1.191247	0.94	1.44
7/3/2010 12:30	1.190783	0.94	1.42
7/3/2010 12:45	1.197551	0.93	1.41
7/3/2010 13:00	1.21516	0.91	1.38
7/3/2010 13:15	1.234492	0.90	1.37
7/3/2010 13:30	1.254605	0.88	1.34
7/3/2010 13:45	1.278789	0.85	1.32
7/3/2010 14:00	1.299616	0.83	1.29
7/3/2010 14:15	1.322979	0.81	1.25
7/3/2010 14:30	1.353321	0.78	1.22
7/3/2010 14:45	1.385638	0.74	1.18
7/3/2010 15:00	1.424691	0.71	1.15
7/3/2010 15:15	1.467024	0.66	1.08
7/3/2010 15:30	1.50177	0.63	1.05
7/3/2010 15:45	1.535312	0.59	1.01
7/3/2010 16:00	1.570253	0.56	0.96
7/3/2010 16:15	1.612685	0.52	0.93
7/3/2010 16:30	1.654739	0.48	0.89
7/3/2010 16:45	1.697842	0.43	0.83
7/3/2010 17:00	1.740112	0.39	0.78
7/3/2010 17:15	1.781838	0.35	0.74
7/3/2010 17:30	1.816021	0.31	0.70
7/3/2010 17:45	1.854242	0.28	0.67

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/5/2010 15:46	2.000497	0.11	0.33
7/5/2010 16:01	2.029347	0.08	0.29
7/5/2010 16:16	2.061269	0.05	0.27
7/5/2010 16:31	2.100015	0.01	0.22
7/5/2010 16:46	2.137655	-0.03	0.18
7/5/2010 17:01	2.180301	-0.07	0.14
7/5/2010 17:16	2.219294	-0.11	0.10
7/5/2010 17:31	2.255485	-0.15	0.06
7/5/2010 17:46	2.290372	-0.18	0.03
7/5/2010 18:01	2.327416	-0.22	-0.02
7/5/2010 18:16	2.369343	-0.26	-0.05
7/5/2010 18:31	2.407674	-0.30	-0.09
7/5/2010 18:46	2.446856	-0.34	-0.13
7/5/2010 19:01	2.482156	-0.37	-0.16
7/5/2010 19:16	2.517777	-0.41	-0.20
7/5/2010 19:31	2.549132	-0.44	-0.22
7/5/2010 19:46	2.582565	-0.47	-0.25
7/5/2010 20:01	2.612265	-0.50	-0.28
7/5/2010 20:16	2.638716	-0.53	-0.31
7/5/2010 20:31	2.657798	-0.55	-0.33
7/5/2010 20:46	2.664583	-0.55	-0.33
7/5/2010 21:01	2.669286	-0.56	-0.33
7/5/2010 21:16	2.662696	-0.55	-0.31
7/5/2010 21:31	2.650151	-0.54	-0.29
7/5/2010 21:46	2.634075	-0.52	-0.26
7/5/2010 22:01	2.610681	-0.50	-0.24
7/5/2010 22:16	2.579472	-0.47	-0.22
7/5/2010 22:31	2.549654	-0.44	-0.18
7/5/2010 22:46	2.51896	-0.41	-0.15
7/5/2010 23:01	2.473605	-0.36	-0.10
7/5/2010 23:16	2.416438	-0.31	-0.05
7/5/2010 23:31	2.350653	-0.24	0.03
7/5/2010 23:46	2.287283	-0.18	0.09
7/6/2010 0:01	2.224723	-0.11	0.16
7/6/2010 0:16	2.16612	-0.06	0.21
7/6/2010 0:31	2.109468	0.00	0.27
7/6/2010 0:46	2.052554	0.06	0.33
7/6/2010 1:01	1.990643	0.12	0.39
7/6/2010 1:16	1.932699	0.18	0.43
7/6/2010 1:31	1.874086	0.24	0.49
7/6/2010 1:46	1.815212	0.29	0.54
7/6/2010 2:01	1.763228	0.35	0.60
7/6/2010 2:16	1.717113	0.39	0.64
7/6/2010 2:31	1.672358	0.44	0.69
7/6/2010 2:46	1.63768	0.47	0.72
7/6/2010 3:01	1.607888	0.50	0.75
7/6/2010 3:16	1.582609	0.53	0.78
7/6/2010 3:31	1.562071	0.55	0.79
7/6/2010 3:46	1.546181	0.56	0.80
7/6/2010 4:01	1.538708	0.57	0.81
7/6/2010 4:16	1.544047	0.57	0.82
7/6/2010 4:31	1.553955	0.56	0.81
7/6/2010 4:46	1.572969	0.54	0.79
7/6/2010 5:01	1.586096	0.52	0.79
7/6/2010 5:16	1.60575	0.50	0.77
7/6/2010 5:31	1.625749	0.48	0.75
7/6/2010 5:46	1.648977	0.46	0.73
7/6/2010 6:01	1.678344	0.43	0.72
7/6/2010 6:16	1.711204	0.40	0.68
7/6/2010 6:31	1.744066	0.37	0.65
7/6/2010 6:46	1.776	0.33	0.61
7/6/2010 7:01	1.809938	0.30	0.59
7/6/2010 7:16	1.846662	0.26	0.55
7/6/2010 7:31	1.882328	0.23	0.52
7/6/2010 7:46	1.916233	0.19	0.48
7/6/2010 8:01	1.949785	0.16	0.46
7/6/2010 8:16	1.979031	0.13	0.43
7/6/2010 8:31	2.006733	0.10	0.40
7/6/2010 8:46	2.036742	0.07	0.37

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/3/2010 18:00	1.895794	0.23	0.61
7/3/2010 18:15	1.934468	0.20	0.58
7/3/2010 18:30	1.970208	0.16	0.54
7/3/2010 18:45	2.006312	0.12	0.51
7/3/2010 19:00	2.02979	0.10	0.49
7/3/2010 19:15	2.051912	0.08	0.46
7/3/2010 19:30	2.068755	0.06	0.44
7/3/2010 19:45	2.073243	0.06	0.44
7/3/2010 20:00	2.07304	0.06	0.44
7/3/2010 20:15	2.068388	0.06	0.44
7/3/2010 20:30	2.051401	0.08	0.46
7/3/2010 20:45	2.03185	0.10	0.48
7/3/2010 21:00	2.009907	0.12	0.50
7/3/2010 21:15	1.977195	0.15	0.53
7/3/2010 21:30	1.942342	0.19	0.57
7/3/2010 21:45	1.896782	0.23	0.62
7/3/2010 22:00	1.847355	0.28	0.67
7/3/2010 22:15	1.790298	0.34	0.73
7/3/2010 22:30	1.728837	0.40	0.79
7/3/2010 22:45	1.672655	0.46	0.85
7/3/2010 23:00	1.616723	0.51	0.89
7/3/2010 23:15	1.564779	0.57	0.96
7/3/2010 23:30	1.513677	0.62	1.01
7/3/2010 23:45	1.461005	0.67	1.06
7/4/2010 0:00	1.420065	0.71	1.11
7/4/2010 0:15	1.37767	0.75	1.15
7/4/2010 0:30	1.339576	0.79	1.19
7/4/2010 0:45	1.311416	0.82	1.22
7/4/2010 1:00	1.285315	0.84	1.24
7/4/2010 1:15	1.263127	0.87	1.26
7/4/2010 1:30	1.246462	0.88	1.27
7/4/2010 1:45	1.231648	0.90	1.29
7/4/2010 2:00	1.216485	0.91	1.30
7/4/2010 2:15	1.210377	0.92	1.31
7/4/2010 2:30	1.219394	0.91	1.30
7/4/2010 2:45	1.230507	0.90	1.29
7/4/2010 3:00	1.241081	0.89	1.27
7/4/2010 3:15	1.244888	0.89	1.27
7/4/2010 3:30	1.253468	0.88	1.26
7/4/2010 3:45	1.266464	0.86	1.24
7/4/2010 4:00	1.287264	0.84	1.22
7/4/2010 4:15	1.311848	0.82	1.20
7/4/2010 4:30	1.331233	0.80	1.18
7/4/2010 4:45	1.348603	0.78	1.16
7/4/2010 5:00	1.368632	0.76	1.14
7/4/2010 5:15	1.385232	0.74	1.13
7/4/2010 5:30	1.406441	0.72	1.11
7/4/2010 5:45	1.428957	0.70	1.09
7/4/2010 6:00	1.449512	0.68	1.07
7/4/2010 6:15	1.468428	0.66	1.05
7/4/2010 6:30	1.486652	0.64	1.02
7/4/2010 6:45	1.503986	0.63	1.02
7/4/2010 7:00	1.52338	0.61	1.00
7/4/2010 7:15	1.532577	0.60	0.99
7/4/2010 7:30	1.544394	0.59	0.99
7/4/2010 7:45	1.552839	0.58	0.97
7/4/2010 8:00	1.551802	0.58	0.97
7/4/2010 8:15	1.543968	0.59	0.97
7/4/2010 8:30	1.53579	0.59	0.98
7/4/2010 8:45	1.533071	0.60	0.99
7/4/2010 9:00	1.526272	0.60	0.99
7/4/2010 9:15	1.510638	0.62	0.99
7/4/2010 9:30	1.503845	0.63	1.00
7/4/2010 9:45	1.494642	0.64	1.00
7/4/2010 10:00	1.479861	0.65	1.01
7/4/2010 10:15	1.468384	0.66	1.02
7/4/2010 10:30	1.450885	0.68	1.04
7/4/2010 10:45	1.43036	0.70	1.06
7/4/2010 11:00	1.412252	0.72	1.09

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/6/2010 9:01	2.066279	0.04	0.34
7/6/2010 9:16	2.092132	0.02	0.32
7/6/2010 9:31	2.114468	0.00	0.30
7/6/2010 9:46	2.130966	-0.02	0.28
7/6/2010 10:01	2.142844	-0.03	0.26
7/6/2010 10:16	2.150161	-0.04	0.24
7/6/2010 10:31	2.15238	-0.04	0.27
7/6/2010 10:46	2.153667	-0.04	0.26
7/6/2010 11:01	2.147551	-0.04	0.27

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/4/2010 11:15	1.384371	0.75	1.11
7/4/2010 11:30	1.365674	0.76	1.12
7/4/2010 11:45	1.347887	0.78	1.14
7/4/2010 12:00	1.334243	0.80	1.15
7/4/2010 12:15	1.328369	0.80	1.15
7/4/2010 12:30	1.320024	0.81	1.15
7/4/2010 12:45	1.316145	0.81	1.14
7/4/2010 13:00	1.317213	0.81	1.15
7/4/2010 13:15	1.32088	0.81	1.15
7/4/2010 13:30	1.325285	0.80	1.13
7/4/2010 13:45	1.331935	0.80	1.13
7/4/2010 14:00	1.343073	0.79	1.11
7/4/2010 14:15	1.362631	0.77	1.09
7/4/2010 14:30	1.394408	0.74	1.06
7/4/2010 14:45	1.42655	0.70	1.00
7/4/2010 15:00	1.459142	0.67	0.96
7/4/2010 15:15	1.494369	0.64	0.93
7/4/2010 15:30	1.528304	0.60	0.88
7/4/2010 15:45	1.566282	0.56	0.84
7/4/2010 16:00	1.603792	0.53	0.81
7/4/2010 16:15	1.642974	0.49	0.76
7/4/2010 16:30	1.680605	0.45	0.72
7/4/2010 16:45	1.719255	0.41	0.67
7/4/2010 17:00	1.758051	0.37	0.63
7/4/2010 17:15	1.797919	0.33	0.58
7/4/2010 17:30	1.837291	0.29	0.54
7/4/2010 17:45	1.87492	0.26	0.51
7/4/2010 18:00	1.913224	0.22	0.47
7/4/2010 18:15	1.950104	0.18	0.42
7/4/2010 18:30	1.988123	0.14	0.38
7/4/2010 18:45	2.013559	0.12	0.36
7/4/2010 19:00	2.038686	0.09	0.33
7/4/2010 19:15	2.062016	0.07	0.31
7/4/2010 19:30	2.084498	0.05	0.30
7/4/2010 19:45	2.105855	0.02	0.26
7/4/2010 20:00	2.11983	0.01	0.26
7/4/2010 20:15	2.116195	0.01	0.25
7/4/2010 20:30	2.109159	0.02	0.26
7/4/2010 20:45	2.096042	0.03	0.28
7/4/2010 21:00	2.069379	0.06	0.32
7/4/2010 21:15	2.035689	0.09	0.35
7/4/2010 21:30	2.007047	0.12	0.38
7/4/2010 21:45	1.980681	0.15	0.42
7/4/2010 22:00	1.947797	0.18	0.45
7/4/2010 22:15	1.906355	0.22	0.49
7/4/2010 22:30	1.862706	0.27	0.55
7/4/2010 22:45	1.809487	0.32	0.60
7/4/2010 23:00	1.75148	0.38	0.67
7/4/2010 23:15	1.691321	0.44	0.73
7/4/2010 23:30	1.632014	0.50	0.79
7/4/2010 23:45	1.577237	0.55	0.84
7/5/2010 0:00	1.530245	0.60	0.88
7/5/2010 0:15	1.482478	0.65	0.94
7/5/2010 0:30	1.429568	0.70	0.99
7/5/2010 0:45	1.370403	0.76	1.06
7/5/2010 1:00	1.319739	0.81	1.11
7/5/2010 1:15	1.276603	0.85	1.14
7/5/2010 1:30	1.238133	0.89	1.18
7/5/2010 1:45	1.207726	0.92	1.21
7/5/2010 2:00	1.173766	0.96	1.25
7/5/2010 2:15	1.143561	0.99	1.27
7/5/2010 2:30	1.123696	1.01	1.29
7/5/2010 2:45	1.111478	1.02	1.30
7/5/2010 3:00	1.107806	1.02	1.30
7/5/2010 3:15	1.106055	1.02	1.30
7/5/2010 3:30	1.105219	1.02	1.30
7/5/2010 3:45	1.11305	1.02	1.29
7/5/2010 4:00	1.114152	1.02	1.30
7/5/2010 4:15	1.125776	1.00	1.28

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/5/2010 4:30	1.15178	0.98	1.26
7/5/2010 4:45	1.173829	0.96	1.24
7/5/2010 5:00	1.201568	0.93	1.21
7/5/2010 5:15	1.228733	0.90	1.19
7/5/2010 5:30	1.252941	0.88	1.16
7/5/2010 5:45	1.279866	0.85	1.14
7/5/2010 6:00	1.310704	0.82	1.11
7/5/2010 6:15	1.342115	0.79	1.09
7/5/2010 6:30	1.370605	0.76	1.06
7/5/2010 6:45	1.400114	0.73	1.05
7/5/2010 7:00	1.432667	0.70	1.00
7/5/2010 7:15	1.456901	0.67	0.99
7/5/2010 7:30	1.486415	0.64	0.96
7/5/2010 7:45	1.515438	0.61	0.94
7/5/2010 8:00	1.539478	0.59	0.91
7/5/2010 8:15	1.566161	0.56	0.88
7/5/2010 8:30	1.584595	0.55	0.88
7/5/2010 8:45	1.604894	0.53	0.86
7/5/2010 9:00	1.620985	0.51	0.84
7/5/2010 9:15	1.634715	0.50	0.83
7/5/2010 9:30	1.647847	0.48	0.81
7/5/2010 9:45	1.655127	0.47	0.79
7/5/2010 10:00	1.65782	0.47	0.79
7/5/2010 10:15	1.657902	0.47	0.80
7/5/2010 10:30	1.655251	0.47	0.80
7/5/2010 10:45	1.650604	0.48	0.80
7/5/2010 11:00	1.643626	0.49	0.82
7/5/2010 11:15	1.639771	0.49	0.81
7/5/2010 11:30	1.638727	0.49	0.79
7/5/2010 11:45	1.63734	0.49	0.81
7/5/2010 12:00	1.633284	0.50	0.82
7/5/2010 12:15	1.624656	0.51	0.81
7/5/2010 12:30	1.611254	0.52	0.82
7/5/2010 12:45	1.599345	0.53	0.82
7/5/2010 13:00	1.597346	0.53	0.82
7/5/2010 13:15	1.598958	0.53	0.81
7/5/2010 13:30	1.601038	0.53	0.81
7/5/2010 13:45	1.607645	0.52	0.80
7/5/2010 14:00	1.614395	0.52	0.80
7/5/2010 14:15	1.6196	0.51	0.78
7/5/2010 14:30	1.632672	0.50	0.77
7/5/2010 14:45	1.656595	0.47	0.74
7/5/2010 15:00	1.685805	0.44	0.71
7/5/2010 15:15	1.722783	0.41	0.68
7/5/2010 15:30	1.755286	0.37	0.63
7/5/2010 15:45	1.790681	0.34	0.60
7/5/2010 16:00	1.817252	0.31	0.56
7/5/2010 16:15	1.852669	0.28	0.54
7/5/2010 16:30	1.892457	0.24	0.49
7/5/2010 16:45	1.930606	0.20	0.45
7/5/2010 17:00	1.974022	0.16	0.41
7/5/2010 17:15	2.01145	0.12	0.37
7/5/2010 17:30	2.047594	0.08	0.33
7/5/2010 17:45	2.080168	0.05	0.30
7/5/2010 18:00	2.121417	0.01	0.25
7/5/2010 18:15	2.16366	-0.03	0.22
7/5/2010 18:30	2.202174	-0.07	0.18
7/5/2010 18:45	2.238745	-0.11	0.14
7/5/2010 19:00	2.273509	-0.14	0.11
7/5/2010 19:15	2.308027	-0.18	0.07
7/5/2010 19:30	2.33855	-0.21	0.05
7/5/2010 19:45	2.372103	-0.24	0.02
7/5/2010 20:00	2.399746	-0.27	-0.01
7/5/2010 20:15	2.425126	-0.30	-0.04
7/5/2010 20:30	2.438685	-0.31	-0.05
7/5/2010 20:45	2.441631	-0.31	-0.05
7/5/2010 21:00	2.442527	-0.31	-0.04
7/5/2010 21:15	2.432137	-0.30	-0.02
7/5/2010 21:30	2.414918	-0.28	0.01

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/5/2010 21:45	2.397413	-0.27	0.03
7/5/2010 22:00	2.370181	-0.24	0.06
7/5/2010 22:15	2.33638	-0.21	0.08
7/5/2010 22:30	2.310925	-0.18	0.12
7/5/2010 22:45	2.274086	-0.14	0.16
7/5/2010 23:00	2.221568	-0.09	0.21
7/5/2010 23:15	2.15911	-0.03	0.27
7/5/2010 23:30	2.091412	0.04	0.34
7/5/2010 23:45	2.026571	0.10	0.40
7/6/2010 0:00	1.964073	0.17	0.47
7/6/2010 0:15	1.907576	0.22	0.52
7/6/2010 0:30	1.855929	0.27	0.57
7/6/2010 0:45	1.79166	0.34	0.64
7/6/2010 1:00	1.730085	0.40	0.70
7/6/2010 1:15	1.674262	0.46	0.75
7/6/2010 1:30	1.614256	0.52	0.81
7/6/2010 1:45	1.559346	0.57	0.86
7/6/2010 2:00	1.509417	0.62	0.91
7/6/2010 2:15	1.463406	0.67	0.96
7/6/2010 2:30	1.423002	0.71	1.00
7/6/2010 2:45	1.392898	0.74	1.03
7/6/2010 3:00	1.366342	0.76	1.05
7/6/2010 3:15	1.341152	0.79	1.08
7/6/2010 3:30	1.322169	0.81	1.09
7/6/2010 3:45	1.310884	0.82	1.10
7/6/2010 4:00	1.309204	0.82	1.10
7/6/2010 4:15	1.317511	0.81	1.10
7/6/2010 4:30	1.332353	0.80	1.09
7/6/2010 4:45	1.352573	0.78	1.07
7/6/2010 5:00	1.366403	0.76	1.06
7/6/2010 5:15	1.384226	0.75	1.05
7/6/2010 5:30	1.408111	0.72	1.02
7/6/2010 5:45	1.430881	0.70	1.00
7/6/2010 6:00	1.466618	0.66	0.99
7/6/2010 6:15	1.501273	0.63	0.95
7/6/2010 6:30	1.531487	0.60	0.92
7/6/2010 6:45	1.563723	0.57	0.89
7/6/2010 7:00	1.600219	0.53	0.86
7/6/2010 7:15	1.63792	0.49	0.82
7/6/2010 7:30	1.672559	0.46	0.79
7/6/2010 7:45	1.707945	0.42	0.75
7/6/2010 8:00	1.740952	0.39	0.73
7/6/2010 8:15	1.766055	0.36	0.70
7/6/2010 8:30	1.796197	0.33	0.67
7/6/2010 8:45	1.827565	0.30	0.64
7/6/2010 9:00	1.856431	0.27	0.61
7/6/2010 9:15	1.877262	0.25	0.59
7/6/2010 9:30	1.901728	0.23	0.57
7/6/2010 9:45	1.913644	0.22	0.56
7/6/2010 10:00	1.921353	0.21	0.54
7/6/2010 10:15	1.924975	0.21	0.53
7/6/2010 10:30	1.925569	0.20	0.55
7/6/2010 10:45	1.926205	0.20	0.54
7/6/2010 11:00	1.91557	0.21	0.56

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02S			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)

PZ02I			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/2/2010 20:15	1.94095	0.19	0.19
6/2/2010 20:30	1.738114	0.39	0.39
6/2/2010 20:45	1.700359	0.43	0.42
6/2/2010 21:00	1.665606	0.46	0.45
6/2/2010 21:15	1.625561	0.50	0.49
6/2/2010 21:30	1.569822	0.56	0.55
6/2/2010 21:45	1.511987	0.62	0.61
6/2/2010 22:00	1.445434	0.68	0.67
6/2/2010 22:15	1.386186	0.74	0.72
6/2/2010 22:30	1.335043	0.79	0.77
6/2/2010 22:45	1.287893	0.84	0.81
6/2/2010 23:00	1.244624	0.89	0.86
6/2/2010 23:15	1.201102	0.93	0.90
6/2/2010 23:30	1.162779	0.97	0.94
6/2/2010 23:45	1.120108	1.01	0.99
6/3/2010 0:00	1.083925	1.05	1.03
6/3/2010 0:15	1.056368	1.07	1.06
6/3/2010 0:30	1.030324	1.10	1.09
6/3/2010 0:45	1.010852	1.12	1.10
6/3/2010 1:00	0.992812	1.14	1.13
6/3/2010 1:15	0.978125	1.15	1.15
6/3/2010 1:30	0.961976	1.17	1.17
6/3/2010 1:45	0.956145	1.17	1.16
6/3/2010 2:00	0.95859	1.17	1.15
6/3/2010 2:15	0.970742	1.16	1.13
6/3/2010 2:30	0.980565	1.15	1.11
6/3/2010 2:45	1.004456	1.13	1.09
6/3/2010 3:00	1.032282	1.10	1.06
6/3/2010 3:15	1.046847	1.08	1.02
6/3/2010 3:30	1.062399	1.07	1.01
6/3/2010 3:45	1.089827	1.04	0.97
6/3/2010 4:00	1.102498	1.03	0.96
6/3/2010 4:15	1.124927	1.01	0.94
6/3/2010 4:30	1.138003	0.99	0.92
6/3/2010 4:45	1.145096	0.98	0.91
6/3/2010 5:00	1.157823	0.97	0.90
6/3/2010 5:15	1.170909	0.96	0.90
6/3/2010 5:30	1.18766	0.94	0.88
6/3/2010 5:45	1.195124	0.93	0.87
6/3/2010 6:00	1.199573	0.93	0.87
6/3/2010 6:15	1.210247	0.92	0.87
6/3/2010 6:30	1.219105	0.91	0.86
6/3/2010 6:45	1.220353	0.91	0.86
6/3/2010 7:00	1.214833	0.92	0.89
6/3/2010 7:15	1.214361	0.92	0.89
6/3/2010 7:30	1.199595	0.93	0.90
6/3/2010 7:45	1.188043	0.94	0.91
6/3/2010 8:00	1.169279	0.96	0.94
6/3/2010 8:15	1.129634	1.00	0.99
6/3/2010 8:30	1.096562	1.03	1.02
6/3/2010 8:45	1.076193	1.05	1.04
6/3/2010 9:00	1.04324	1.09	1.08
6/3/2010 9:15	1.013831	1.12	1.11
6/3/2010 9:30	0.98473	1.15	1.14
6/3/2010 9:45	0.935939	1.19	1.18
6/3/2010 10:00	0.893716	1.24	1.23
6/3/2010 10:15	0.852517	1.28	1.27
6/3/2010 10:30	0.812116	1.32	1.31
6/3/2010 10:45	0.76859	1.36	1.33
6/3/2010 11:00	0.745032	1.38	1.35
6/3/2010 11:15	0.718903	1.41	1.39
6/3/2010 11:30	0.688367	1.44	1.42
6/3/2010 11:45	0.666194	1.46	1.44
6/3/2010 12:00	0.638131	1.49	1.47
6/3/2010 12:15	0.609828	1.52	1.50
6/3/2010 12:30	0.60279	1.53	1.51
6/3/2010 12:45	0.606158	1.52	1.50
6/3/2010 13:00	0.602697	1.53	1.50
6/3/2010 13:15	0.608865	1.52	1.50

FMC-Gage (Parkside Marina)		
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)
6/2/2010 19:46	3.451853	-0.62
6/2/2010 20:01	3.368251	-0.54
6/2/2010 20:16	3.284611	-0.45
6/2/2010 20:31	3.234801	-0.40
6/2/2010 20:46	3.178489	-0.35
6/2/2010 21:01	3.125912	-0.30
6/2/2010 21:16	3.033753	-0.20
6/2/2010 21:31	2.936917	-0.11
6/2/2010 21:46	2.836917	-0.01
6/2/2010 22:01	2.724453	0.11
6/2/2010 22:16	2.650923	0.18
6/2/2010 22:31	2.580135	0.25
6/2/2010 22:46	2.519279	0.31
6/2/2010 23:01	2.464579	0.37
6/2/2010 23:16	2.405196	0.42
6/2/2010 23:31	2.353723	0.48
6/2/2010 23:46	2.286103	0.54
6/3/2010 0:01	2.247884	0.58
6/3/2010 0:16	2.219568	0.61
6/3/2010 0:31	2.195745	0.63
6/3/2010 0:46	2.179163	0.65
6/3/2010 1:01	2.161765	0.67
6/3/2010 1:16	2.141139	0.69
6/3/2010 1:31	2.127505	0.70
6/3/2010 1:46	2.14565	0.68
6/3/2010 2:01	2.168497	0.66
6/3/2010 2:16	2.208116	0.62
6/3/2010 2:31	2.23599	0.59
6/3/2010 2:46	2.298235	0.53
6/3/2010 3:01	2.344004	0.49
6/3/2010 3:16	2.348305	0.48
6/3/2010 3:31	2.395275	0.43
6/3/2010 3:46	2.430832	0.40
6/3/2010 4:01	2.44647	0.38
6/3/2010 4:16	2.492296	0.34
6/3/2010 4:31	2.491273	0.34
6/3/2010 4:46	2.496166	0.33
6/3/2010 5:01	2.524345	0.31
6/3/2010 5:16	2.54056	0.29
6/3/2010 5:31	2.56623	0.26
6/3/2010 5:46	2.56278	0.27
6/3/2010 6:01	2.579048	0.25
6/3/2010 6:16	2.588656	0.24
6/3/2010 6:31	2.604531	0.23
6/3/2010 6:46	2.579046	0.25
6/3/2010 7:01	2.570904	0.26
6/3/2010 7:16	2.563703	0.27
6/3/2010 7:31	2.523365	0.31
6/3/2010 7:46	2.515534	0.31
6/3/2010 8:01	2.451488	0.38
6/3/2010 8:16	2.364263	0.47
6/3/2010 8:31	2.336475	0.49
6/3/2010 8:46	2.305431	0.52
6/3/2010 9:01	2.245265	0.58
6/3/2010 9:16	2.207448	0.62
6/3/2010 9:31	2.150129	0.68
6/3/2010 9:46	2.055774	0.77
6/3/2010 10:01	2.003548	0.83
6/3/2010 10:16	1.941367	0.89
6/3/2010 10:31	1.875834	0.95
6/3/2010 10:46	1.821746	1.01
6/3/2010 11:01	1.803985	1.03
6/3/2010 11:16	1.767345	1.06
6/3/2010 11:31	1.722438	1.11
6/3/2010 11:46	1.698016	1.13
6/3/2010 12:01	1.646255	1.18
6/3/2010 12:16	1.623932	1.21
6/3/2010 12:31	1.646854	1.18
6/3/2010 12:46	1.661349	1.17

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
6/2/2010 15:00	29.833458	33.80
6/2/2010 15:15	29.832418	33.80
6/2/2010 15:30	29.832308	33.80
6/2/2010 15:45	29.825972	33.79
6/2/2010 16:00	29.826838	33.79
6/2/2010 16:15	29.826019	33.79
6/2/2010 16:30	29.823399	33.79
6/2/2010 16:45	29.822763	33.79
6/2/2010 17:00	29.821463	33.79
6/2/2010 17:15	29.825069	33.79
6/2/2010 17:30	29.829027	33.80
6/2/2010 17:45	29.827293	33.79
6/2/2010 18:00	29.823067	33.79
6/2/2010 18:15	29.817936	33.78
6/2/2010 18:30	29.819956	33.79
6/2/2010 18:45	29.81143	33.78
6/2/2010 19:00	29.805992	33.77
6/2/2010 19:15	29.801666	33.77
6/2/2010 19:30	29.805155	33.77
6/2/2010 19:45	29.800266	33.76
6/2/2010 20:00	29.799562	33.76
6/2/2010 20:15	29.798433	33.76
6/2/2010 20:30	29.797157	33.76
6/2/2010 20:45	29.786766	33.75
6/2/2010 21:00	29.790806	33.75
6/2/2010 21:15	29.791363	33.75
6/2/2010 21:30	29.788689	33.75
6/2/2010 21:45	29.786766	33.75
6/2/2010 22:00	29.785774	33.75
6/2/2010 22:15	29.781742	33.74
6/2/2010 22:30	29.780453	33.74
6/2/2010 22:45	29.772528	33.73
6/2/2010 23:00	29.772638	33.73
6/2/2010 23:15	29.771225	33.73
6/2/2010 23:30	29.773138	33.73
6/2/2010 23:45	29.776846	33.74
6/3/2010 0:00	29.78075	33.74
6/3/2010 0:15	29.783775	33.75
6/3/2010 0:30	29.785774	33.75
6/3/2010 0:45	29.780546	33.74
6/3/2010 1:00	29.792402	33.75
6/3/2010 1:15	29.793371	33.76
6/3/2010 1:30	29.794399	33.76
6/3/2010 1:45	29.78442	33.75
6/3/2010 2:00	29.778149	33.74
6/3/2010 2:15	29.771822	33.73
6/3/2010 2:30	29.764477	33.72
6/3/2010 2:45	29.759563	33.72
6/3/2010 3:00	29.758787	33.72
6/3/2010 3:15	29.745863	33.70
6/3/2010 3:30	29.741829	33.70
6/3/2010 3:45	29.736332	33.69
6/3/2010 4:00	29.734177	33.69
6/3/2010 4:15	29.731482	33.69
6/3/2010 4:30	29.733479	33.69
6/3/2010 4:45	29.734297	33.69
6/3/2010 5:00	29.73406	33.69
6/3/2010 5:15	29.73988	33.70
6/3/2010 5:30	29.743694	33.70
6/3/2010 5:45	29.743002	33.70
6/3/2010 6:00	29.740625	33.70
6/3/2010 6:15	29.748589	33.71
6/3/2010 6:30	29.749828	33.71
6/3/2010 6:45	29.756985	33.71
6/3/2010 7:00	29.76754	33.73
6/3/2010 7:15	29.767958	33.73
6/3/2010 7:30	29.768517	33.73
6/3/2010 7:45	29.77323	33.73
6/3/2010 8:00	29.77762	33.74

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/3/2010 13:30	0.619853	1.51	1.48
6/3/2010 13:45	0.632084	1.50	1.47
6/3/2010 14:00	0.650454	1.48	1.46
6/3/2010 14:15	0.685751	1.44	1.41
6/3/2010 14:30	0.727567	1.40	1.38
6/3/2010 14:45	0.752911	1.38	1.34
6/3/2010 15:00	0.793591	1.34	1.31
6/3/2010 15:15	0.821469	1.31	1.28
6/3/2010 15:30	0.842414	1.29	1.25
6/3/2010 15:45	0.874972	1.26	1.22
6/3/2010 16:00	0.911441	1.22	1.17
6/3/2010 16:15	0.945057	1.18	1.13
6/3/2010 16:30	0.970321	1.16	1.09
6/3/2010 16:45	0.999445	1.13	1.05
6/3/2010 17:00	1.035956	1.09	1.03
6/3/2010 17:15	1.069759	1.06	1.01
6/3/2010 17:30	1.102757	1.03	0.97
6/3/2010 17:45	1.138581	0.99	0.93
6/3/2010 18:00	1.164023	0.97	0.91
6/3/2010 18:15	1.184039	0.95	0.89
6/3/2010 18:30	1.232354	0.90	0.85
6/3/2010 18:45	1.296009	0.83	0.77
6/3/2010 19:00	1.310181	0.82	0.77
6/3/2010 19:15	1.294367	0.84	0.80
6/3/2010 19:30	1.276287	0.85	0.82
6/3/2010 19:45	1.270409	0.86	0.82
6/3/2010 20:00	1.243072	0.89	0.85
6/3/2010 20:15	1.252932	0.88	0.86
6/3/2010 20:30	1.353775	0.78	0.77
6/3/2010 20:45	1.369226	0.76	0.76
6/3/2010 21:00	1.33055	0.80	0.81
6/3/2010 21:15	1.305919	0.82	0.83
6/3/2010 21:30	1.195985	0.93	0.95
6/3/2010 21:45	1.105226	1.02	1.04
6/3/2010 22:00	1.051568	1.08	1.10
6/3/2010 22:15	1.012379	1.12	1.15
6/3/2010 22:30	0.997711	1.13	1.16
6/3/2010 22:45	0.978571	1.15	1.18
6/3/2010 23:00	0.97885	1.15	1.18
6/3/2010 23:15	0.960151	1.17	1.20
6/3/2010 23:30	0.902537	1.23	1.26
6/3/2010 23:45	0.854795	1.28	1.31
6/4/2010 0:00	0.8039	1.33	1.36
6/4/2010 0:15	0.762165	1.37	1.40
6/4/2010 0:30	0.767447	1.36	1.40
6/4/2010 0:45	0.797973	1.33	1.36
6/4/2010 1:00	0.820404	1.31	1.34
6/4/2010 1:15	0.839784	1.29	1.31
6/4/2010 1:30	0.856114	1.27	1.30
6/4/2010 1:45	0.825607	1.30	1.33
6/4/2010 2:00	0.815311	1.31	1.33
6/4/2010 2:15	0.826053	1.30	1.32
6/4/2010 2:30	0.837298	1.29	1.30
6/4/2010 2:45	0.878843	1.25	1.27
6/4/2010 3:00	0.905129	1.22	1.23
6/4/2010 3:15	0.924945	1.21	1.23
6/4/2010 3:30	0.945582	1.18	1.20
6/4/2010 3:45	0.952546	1.18	1.21
6/4/2010 4:00	0.963821	1.17	1.20
6/4/2010 4:15	0.97283	1.16	1.19
6/4/2010 4:30	1.004563	1.13	1.17
6/4/2010 4:45	1.048791	1.08	1.12
6/4/2010 5:00	1.081399	1.05	1.09
6/4/2010 5:15	1.119534	1.01	1.05
6/4/2010 5:30	1.151369	0.98	1.02
6/4/2010 5:45	1.17538	0.95	0.99
6/4/2010 6:00	1.204082	0.93	0.98
6/4/2010 6:15	1.244303	0.89	0.95
6/4/2010 6:30	1.287333	0.84	0.90

FMC-Gage (Parkside Marina)		
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)
6/3/2010 13:01	1.663525	1.17
6/3/2010 13:16	1.693836	1.14
6/3/2010 13:31	1.71189	1.12
6/3/2010 13:46	1.741597	1.09
6/3/2010 14:01	1.79509	1.03
6/3/2010 14:16	1.890248	0.94
6/3/2010 14:31	1.93822	0.89
6/3/2010 14:46	1.972777	0.86
6/3/2010 15:01	2.05723	0.77
6/3/2010 15:16	2.069854	0.76
6/3/2010 15:31	2.109161	0.72
6/3/2010 15:46	2.173202	0.66
6/3/2010 16:01	2.226681	0.60
6/3/2010 16:16	2.272303	0.56
6/3/2010 16:31	2.309893	0.52
6/3/2010 16:46	2.360371	0.47
6/3/2010 17:01	2.410207	0.42
6/3/2010 17:16	2.45244	0.38
6/3/2010 17:31	2.520115	0.31
6/3/2010 17:46	2.567974	0.26
6/3/2010 18:01	2.592442	0.24
6/3/2010 18:16	2.614971	0.22
6/3/2010 18:31	2.757421	0.07
6/3/2010 18:46	2.841029	-0.01
6/3/2010 19:01	2.773246	0.06
6/3/2010 19:16	2.709776	0.12
6/3/2010 19:31	2.654099	0.18
6/3/2010 19:46	2.676876	0.15
6/3/2010 20:01	2.563127	0.27
6/3/2010 20:16	2.710493	0.12
6/3/2010 20:31	2.942857	-0.11
6/3/2010 20:46	2.796153	0.03
6/3/2010 21:01	2.727536	0.10
6/3/2010 21:16	2.624812	0.21
6/3/2010 21:31	2.341881	0.49
6/3/2010 21:46	2.254764	0.58
6/3/2010 22:01	2.184255	0.65
6/3/2010 22:16	2.176725	0.65
6/3/2010 22:31	2.177706	0.65
6/3/2010 22:46	2.164428	0.67
6/3/2010 23:01	2.191967	0.64
6/3/2010 23:16	2.129463	0.70
6/3/2010 23:31	1.999595	0.83
6/3/2010 23:46	1.943213	0.89
6/4/2010 0:01	1.842151	0.99
6/4/2010 0:16	1.817876	1.01
6/4/2010 0:31	1.906736	0.92
6/4/2010 0:46	1.994902	0.84
6/4/2010 1:01	2.038324	0.79
6/4/2010 1:16	2.073844	0.76
6/4/2010 1:31	2.075258	0.75
6/4/2010 1:46	1.970828	0.86
6/4/2010 2:01	1.997695	0.83
6/4/2010 2:16	2.022472	0.81
6/4/2010 2:31	2.074925	0.76
6/4/2010 2:46	2.176613	0.65
6/4/2010 3:01	2.191309	0.64
6/4/2010 3:16	2.223905	0.61
6/4/2010 3:31	2.240186	0.59
6/4/2010 3:46	2.243336	0.59
6/4/2010 4:01	2.261711	0.57
6/4/2010 4:16	2.273029	0.56
6/4/2010 4:31	2.36354	0.47
6/4/2010 4:46	2.436053	0.39
6/4/2010 5:01	2.475454	0.35
6/4/2010 5:16	2.548485	0.28
6/4/2010 5:31	2.580825	0.25
6/4/2010 5:46	2.603881	0.23
6/4/2010 6:01	2.655245	0.17

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
6/3/2010 8:15	29.785044	33.75
6/3/2010 8:30	29.787169	33.75
6/3/2010 8:45	29.785458	33.75
6/3/2010 9:00	29.788752	33.75
6/3/2010 9:15	29.786333	33.75
6/3/2010 9:30	29.789465	33.75
6/3/2010 9:45	29.789145	33.75
6/3/2010 10:00	29.784086	33.75
6/3/2010 10:15	29.785324	33.75
6/3/2010 10:30	29.785603	33.75
6/3/2010 10:45	29.77323	33.73
6/3/2010 11:00	29.771906	33.73
6/3/2010 11:15	29.77527	33.74
6/3/2010 11:30	29.777246	33.74
6/3/2010 11:45	29.779192	33.74
6/3/2010 12:00	29.780487	33.74
6/3/2010 12:15	29.778318	33.74
6/3/2010 12:30	29.779623	33.74
6/3/2010 12:45	29.77527	33.74
6/3/2010 13:00	29.770937	33.73
6/3/2010 13:15	29.776628	33.74
6/3/2010 13:30	29.772453	33.73
6/3/2010 13:45	29.772047	33.73
6/3/2010 14:00	29.781357	33.74
6/3/2010 14:15	29.769859	33.73
6/3/2010 14:30	29.776056	33.74
6/3/2010 14:45	29.76054	33.72
6/3/2010 15:00	29.769075	33.73
6/3/2010 15:15	29.768213	33.73
6/3/2010 15:30	29.764788	33.72
6/3/2010 15:45	29.758049	33.72
6/3/2010 16:00	29.752466	33.71
6/3/2010 16:15	29.749554	33.71
6/3/2010 16:30	29.732674	33.69
6/3/2010 16:45	29.729593	33.68
6/3/2010 17:00	29.743576	33.70
6/3/2010 17:15	29.753265	33.71
6/3/2010 17:30	29.744141	33.70
6/3/2010 17:45	29.743576	33.70
6/3/2010 18:00	29.747377	33.70
6/3/2010 18:15	29.746344	33.70
6/3/2010 18:30	29.748987	33.71
6/3/2010 18:45	29.743576	33.70
6/3/2010 19:00	29.751055	33.71
6/3/2010 19:15	29.763554	33.72
6/3/2010 19:30	29.767519	33.73
6/3/2010 19:45	29.764748	33.72
6/3/2010 20:00	29.764914	33.72
6/3/2010 20:15	29.782972	33.74
6/3/2010 20:30	29.790037	33.75
6/3/2010 20:45	29.799105	33.76
6/3/2010 21:00	29.804607	33.77
6/3/2010 21:15	29.80641	33.77
6/3/2010 21:30	29.818003	33.78
6/3/2010 21:45	29.817841	33.78
6/3/2010 22:00	29.816376	33.78
6/3/2010 22:15	29.81966	33.79
6/3/2010 22:30	29.823574	33.79
6/3/2010 22:45	29.825754	33.79
6/3/2010 23:00	29.825613	33.79
6/3/2010 23:15	29.819502	33.79
6/3/2010 23:30	29.819366	33.79
6/3/2010 23:45	29.82416	33.79
6/4/2010 0:00	29.82612	33.79
6/4/2010 0:15	29.823135	33.79
6/4/2010 0:30	29.829084	33.80
6/4/2010 0:45	29.821234	33.79
6/4/2010 1:00	29.820522	33.79
6/4/2010 1:15	29.81834	33.78

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/4/2010 6:45	1.318259	0.81	0.89
6/4/2010 7:00	1.34892	0.78	0.86
6/4/2010 7:15	1.365852	0.76	0.84
6/4/2010 7:30	1.363229	0.77	0.87
6/4/2010 7:45	1.37752	0.75	0.84
6/4/2010 8:00	1.409268	0.72	0.81
6/4/2010 8:15	1.434839	0.70	0.79
6/4/2010 8:30	1.438241	0.69	0.79
6/4/2010 8:45	1.419575	0.71	0.80
6/4/2010 9:00	1.389338	0.74	0.83
6/4/2010 9:15	1.351	0.78	0.88
6/4/2010 9:30	1.330002	0.80	0.90
6/4/2010 9:45	1.3214	0.81	0.91
6/4/2010 10:00	1.298848	0.83	0.94
6/4/2010 10:15	1.265579	0.86	0.97
6/4/2010 10:30	1.217749	0.91	1.01
6/4/2010 10:45	1.163165	0.97	1.08
6/4/2010 11:00	1.121747	1.01	1.12
6/4/2010 11:15	1.090203	1.04	1.15
6/4/2010 11:30	1.066661	1.06	1.17
6/4/2010 11:45	1.043756	1.09	1.20
6/4/2010 12:00	1.025487	1.10	1.22
6/4/2010 12:15	1.006483	1.12	1.24
6/4/2010 12:30	0.971998	1.16	1.26
6/4/2010 12:45	0.941986	1.19	1.30
6/4/2010 13:00	0.928829	1.20	1.30
6/4/2010 13:15	0.920466	1.21	1.31
6/4/2010 13:30	0.927175	1.20	1.30
6/4/2010 13:45	0.933543	1.20	1.29
6/4/2010 14:00	0.939415	1.19	1.28
6/4/2010 14:15	0.953767	1.18	1.26
6/4/2010 14:30	0.971528	1.16	1.24
6/4/2010 14:45	1.000484	1.13	1.20
6/4/2010 15:00	1.021729	1.11	1.18
6/4/2010 15:15	1.04834	1.08	1.14
6/4/2010 15:30	1.082073	1.05	1.10
6/4/2010 15:45	1.116796	1.01	1.05
6/4/2010 16:00	1.145942	0.98	1.02
6/4/2010 16:15	1.176957	0.95	0.99
6/4/2010 16:30	1.208488	0.92	0.96
6/4/2010 16:45	1.251426	0.88	0.92
6/4/2010 17:00	1.283718	0.85	0.88
6/4/2010 17:15	1.31366	0.82	0.85
6/4/2010 17:30	1.344637	0.79	0.81
6/4/2010 17:45	1.374067	0.76	0.80
6/4/2010 18:00	1.418726	0.71	0.75
6/4/2010 18:15	1.459786	0.67	0.72
6/4/2010 18:30	1.502614	0.63	0.69
6/4/2010 18:45	1.529294	0.60	0.65
6/4/2010 19:00	1.556518	0.57	0.63
6/4/2010 19:15	1.561764	0.57	0.63
6/4/2010 19:30	1.599418	0.53	0.58
6/4/2010 19:45	1.630836	0.50	0.56
6/4/2010 20:00	1.653644	0.48	0.53
6/4/2010 20:15	1.683242	0.45	0.50
6/4/2010 20:30	1.682762	0.45	0.51
6/4/2010 20:45	1.667941	0.46	0.53
6/4/2010 21:00	1.626511	0.50	0.56
6/4/2010 21:15	1.585324	0.54	0.59
6/4/2010 21:30	1.553268	0.58	0.63
6/4/2010 21:45	1.519288	0.61	0.66
6/4/2010 22:00	1.487645	0.64	0.69
6/4/2010 22:15	1.447951	0.68	0.74
6/4/2010 22:30	1.402152	0.73	0.79
6/4/2010 22:45	1.342532	0.79	0.84
6/4/2010 23:00	1.282706	0.85	0.89
6/4/2010 23:15	1.225173	0.90	0.94
6/4/2010 23:30	1.165918	0.96	1.00
6/4/2010 23:45	1.123625	1.01	1.04

FMC-Gage (Parkside Marina)		
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)
6/4/2010 6:16	2.737374	0.09
6/4/2010 6:31	2.796091	0.03
6/4/2010 6:46	2.823634	0.01
6/4/2010 7:01	2.867781	-0.04
6/4/2010 7:16	2.849768	-0.02
6/4/2010 7:31	2.833366	0.00
6/4/2010 7:46	2.88615	-0.06
6/4/2010 8:01	2.934931	-0.10
6/4/2010 8:16	2.963856	-0.13
6/4/2010 8:31	2.931197	-0.10
6/4/2010 8:46	2.866201	-0.04
6/4/2010 9:01	2.787791	0.04
6/4/2010 9:16	2.71399	0.12
6/4/2010 9:31	2.716291	0.11
6/4/2010 9:46	2.70019	0.13
6/4/2010 10:01	2.645793	0.18
6/4/2010 10:16	2.576048	0.25
6/4/2010 10:31	2.471969	0.36
6/4/2010 10:46	2.389783	0.44
6/4/2010 11:01	2.338444	0.49
6/4/2010 11:16	2.305009	0.52
6/4/2010 11:31	2.288251	0.54
6/4/2010 11:46	2.262827	0.57
6/4/2010 12:01	2.238281	0.59
6/4/2010 12:16	2.209533	0.62
6/4/2010 12:31	2.136456	0.69
6/4/2010 12:46	2.100228	0.73
6/4/2010 13:01	2.106546	0.72
6/4/2010 13:16	2.115742	0.71
6/4/2010 13:31	2.147196	0.68
6/4/2010 13:46	2.158542	0.67
6/4/2010 14:01	2.177972	0.65
6/4/2010 14:16	2.228414	0.60
6/4/2010 14:31	2.262611	0.57
6/4/2010 14:46	2.319574	0.51
6/4/2010 15:01	2.343147	0.49
6/4/2010 15:16	2.401511	0.43
6/4/2010 15:31	2.457008	0.37
6/4/2010 15:46	2.510869	0.32
6/4/2010 16:01	2.553777	0.28
6/4/2010 16:16	2.593546	0.24
6/4/2010 16:31	2.657562	0.17
6/4/2010 16:46	2.718403	0.11
6/4/2010 17:01	2.756858	0.07
6/4/2010 17:16	2.806123	0.02
6/4/2010 17:31	2.84866	-0.02
6/4/2010 17:46	2.8933	-0.06
6/4/2010 18:01	2.97172	-0.14
6/4/2010 18:16	3.033621	-0.20
6/4/2010 18:31	3.082354	-0.25
6/4/2010 18:46	3.126729	-0.30
6/4/2010 19:01	3.131125	-0.30
6/4/2010 19:16	3.127409	-0.30
6/4/2010 19:31	3.23406	-0.40
6/4/2010 19:46	3.240848	-0.41
6/4/2010 20:01	3.289374	-0.46
6/4/2010 20:16	3.31016	-0.48
6/4/2010 20:31	3.269743	-0.44
6/4/2010 20:46	3.203655	-0.37
6/4/2010 21:01	3.099958	-0.27
6/4/2010 21:16	3.03353	-0.20
6/4/2010 21:31	2.985851	-0.16
6/4/2010 21:46	2.93048	-0.10
6/4/2010 22:01	2.871358	-0.04
6/4/2010 22:16	2.811271	0.02
6/4/2010 22:31	2.719593	0.11
6/4/2010 22:46	2.612452	0.22
6/4/2010 23:01	2.524401	0.31
6/4/2010 23:16	2.42355	0.41

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
6/4/2010 1:30	29.822083	33.79
6/4/2010 1:45	29.819166	33.79
6/4/2010 2:00	29.815781	33.78
6/4/2010 2:15	29.81284	33.78
6/4/2010 2:30	29.809971	33.77
6/4/2010 2:45	29.811621	33.78
6/4/2010 3:00	29.809626	33.77
6/4/2010 3:15	29.811291	33.78
6/4/2010 3:30	29.817286	33.78
6/4/2010 3:45	29.820738	33.79
6/4/2010 4:00	29.822903	33.79
6/4/2010 4:15	29.822241	33.79
6/4/2010 4:30	29.828939	33.80
6/4/2010 4:45	29.830496	33.80
6/4/2010 5:00	29.830496	33.80
6/4/2010 5:15	29.829727	33.80
6/4/2010 5:30	29.835037	33.80
6/4/2010 5:45	29.835897	33.80
6/4/2010 6:00	29.843788	33.81
6/4/2010 6:15	29.847862	33.82
6/4/2010 6:30	29.850739	33.82
6/4/2010 6:45	29.867098	33.84
6/4/2010 7:00	29.871561	33.84
6/4/2010 7:15	29.868994	33.84
6/4/2010 7:30	29.881483	33.86
6/4/2010 7:45	29.873413	33.85
6/4/2010 8:00	29.873524	33.85
6/4/2010 8:15	29.87837	33.85
6/4/2010 8:30	29.887449	33.86
6/4/2010 8:45	29.880302	33.85
6/4/2010 9:00	29.880587	33.85
6/4/2010 9:15	29.882559	33.86
6/4/2010 9:30	29.889172	33.86
6/4/2010 9:45	29.882387	33.86
6/4/2010 10:00	29.8915	33.87
6/4/2010 10:15	29.89114	33.87
6/4/2010 10:30	29.888535	33.86
6/4/2010 10:45	29.894085	33.87
6/4/2010 11:00	29.890215	33.87
6/4/2010 11:15	29.892031	33.87
6/4/2010 11:30	29.892204	33.87
6/4/2010 11:45	29.896749	33.87
6/4/2010 12:00	29.899878	33.88
6/4/2010 12:15	29.898932	33.88
6/4/2010 12:30	29.885965	33.86
6/4/2010 12:45	29.8915	33.87
6/4/2010 13:00	29.888056	33.86
6/4/2010 13:15	29.883173	33.86
6/4/2010 13:30	29.881315	33.86
6/4/2010 13:45	29.879396	33.85
6/4/2010 14:00	29.874912	33.85
6/4/2010 14:15	29.871664	33.84
6/4/2010 14:30	29.863914	33.84
6/4/2010 14:45	29.859293	33.83
6/4/2010 15:00	29.855659	33.83
6/4/2010 15:15	29.84601	33.82
6/4/2010 15:30	29.844944	33.81
6/4/2010 15:45	29.835394	33.80
6/4/2010 16:00	29.831785	33.80
6/4/2010 16:15	29.835468	33.80
6/4/2010 16:30	29.831985	33.80
6/4/2010 16:45	29.831377	33.80
6/4/2010 17:00	29.826939	33.79
6/4/2010 17:15	29.821735	33.79
6/4/2010 17:30	29.818287	33.78
6/4/2010 17:45	29.829174	33.80
6/4/2010 18:00	29.834999	33.80
6/4/2010 18:15	29.840322	33.81
6/4/2010 18:30	29.852242	33.82

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/5/2010 0:00	1.078483	1.05	1.08
6/5/2010 0:15	1.038027	1.09	1.12
6/5/2010 0:30	0.996212	1.13	1.14
6/5/2010 0:45	0.951113	1.18	1.19
6/5/2010 1:00	0.904663	1.23	1.24
6/5/2010 1:15	0.861554	1.27	1.29
6/5/2010 1:30	0.824838	1.31	1.33
6/5/2010 1:45	0.793466	1.34	1.37
6/5/2010 2:00	0.775049	1.35	1.37
6/5/2010 2:15	0.760519	1.37	1.38
6/5/2010 2:30	0.749177	1.38	1.39
6/5/2010 2:45	0.733044	1.40	1.40
6/5/2010 3:00	0.734195	1.40	1.38
6/5/2010 3:15	0.736572	1.39	1.37
6/5/2010 3:30	0.737084	1.39	1.37
6/5/2010 3:45	0.759828	1.37	1.36
6/5/2010 4:00	0.773228	1.36	1.36
6/5/2010 4:15	0.79331	1.34	1.33
6/5/2010 4:30	0.81589	1.31	1.30
6/5/2010 4:45	0.840581	1.29	1.28
6/5/2010 5:00	0.855769	1.27	1.26
6/5/2010 5:15	0.873163	1.26	1.26
6/5/2010 5:30	0.912057	1.22	1.22
6/5/2010 5:45	0.93773	1.19	1.18
6/5/2010 6:00	0.969645	1.16	1.15
6/5/2010 6:15	1.004135	1.13	1.14
6/5/2010 6:30	1.023054	1.11	1.12
6/5/2010 6:45	1.048477	1.08	1.09
6/5/2010 7:00	1.073714	1.06	1.08
6/5/2010 7:15	1.095388	1.03	1.04
6/5/2010 7:30	1.119873	1.01	1.02
6/5/2010 7:45	1.139169	0.99	1.01
6/5/2010 8:00	1.159111	0.97	0.98
6/5/2010 8:15	1.185791	0.94	0.96
6/5/2010 8:30	1.198755	0.93	0.95
6/5/2010 8:45	1.206939	0.92	0.95
6/5/2010 9:00	1.210078	0.92	0.95
6/5/2010 9:15	1.21153	0.92	0.94
6/5/2010 9:30	1.213907	0.92	0.94
6/5/2010 9:45	1.214429	0.92	0.94
6/5/2010 10:00	1.20582	0.92	0.93
6/5/2010 10:15	1.178475	0.95	0.96
6/5/2010 10:30	1.146192	0.98	1.00
6/5/2010 10:45	1.116112	1.01	1.02
6/5/2010 11:00	1.090426	1.04	1.06
6/5/2010 11:15	1.075467	1.05	1.07
6/5/2010 11:30	1.054771	1.08	1.10
6/5/2010 11:45	1.034724	1.10	1.12
6/5/2010 12:00	1.004041	1.13	1.14
6/5/2010 12:15	0.966957	1.16	1.16
6/5/2010 12:30	0.933721	1.20	1.20
6/5/2010 12:45	0.910066	1.22	1.22
6/5/2010 13:00	0.89764	1.23	1.24
6/5/2010 13:15	0.896949	1.23	1.23
6/5/2010 13:30	0.897157	1.23	1.24
6/5/2010 13:45	0.895571	1.23	1.23
6/5/2010 14:00	0.889601	1.24	1.24
6/5/2010 14:15	0.896983	1.23	1.23
6/5/2010 14:30	0.897141	1.23	1.23
6/5/2010 14:45	0.908256	1.22	1.21
6/5/2010 15:00	0.929309	1.20	1.19
6/5/2010 15:15	0.94319	1.19	1.18
6/5/2010 15:30	0.976999	1.15	1.13
6/5/2010 15:45	1.006614	1.12	1.10
6/5/2010 16:00	1.039943	1.09	1.07
6/5/2010 16:15	1.071612	1.06	1.05
6/5/2010 16:30	1.097808	1.03	1.01
6/5/2010 16:45	1.135531	0.99	0.97
6/5/2010 17:00	1.160377	0.97	0.95

FMC-Gage (Parkside Marina)		
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)
6/4/2010 23:31	2.353996	0.48
6/4/2010 23:46	2.306839	0.52
6/5/2010 0:01	2.241619	0.59
6/5/2010 0:16	2.19294	0.64
6/5/2010 0:31	2.130939	0.70
6/5/2010 0:46	2.061232	0.77
6/5/2010 1:01	1.988275	0.84
6/5/2010 1:16	1.936454	0.89
6/5/2010 1:31	1.889605	0.94
6/5/2010 1:46	1.866784	0.96
6/5/2010 2:01	1.860355	0.97
6/5/2010 2:16	1.855093	0.97
6/5/2010 2:31	1.843864	0.99
6/5/2010 2:46	1.827966	1.00
6/5/2010 3:01	1.864399	0.97
6/5/2010 3:16	1.860812	0.97
6/5/2010 3:31	1.887567	0.94
6/5/2010 3:46	1.941415	0.89
6/5/2010 4:01	1.961197	0.87
6/5/2010 4:16	2.007013	0.82
6/5/2010 4:31	2.047425	0.78
6/5/2010 4:46	2.091702	0.74
6/5/2010 5:01	2.090418	0.74
6/5/2010 5:16	2.152895	0.68
6/5/2010 5:31	2.222599	0.61
6/5/2010 5:46	2.242842	0.59
6/5/2010 6:01	2.316067	0.51
6/5/2010 6:16	2.354983	0.48
6/5/2010 6:31	2.367346	0.46
6/5/2010 6:46	2.417189	0.41
6/5/2010 7:01	2.445579	0.38
6/5/2010 7:16	2.478187	0.35
6/5/2010 7:31	2.514351	0.32
6/5/2010 7:46	2.529468	0.30
6/5/2010 8:01	2.571755	0.26
6/5/2010 8:16	2.610827	0.22
6/5/2010 8:31	2.608641	0.22
6/5/2010 8:46	2.609352	0.22
6/5/2010 9:01	2.600099	0.23
6/5/2010 9:16	2.598741	0.23
6/5/2010 9:31	2.604812	0.23
6/5/2010 9:46	2.597525	0.23
6/5/2010 10:01	2.558868	0.27
6/5/2010 10:16	2.482448	0.35
6/5/2010 10:31	2.427069	0.40
6/5/2010 10:46	2.38146	0.45
6/5/2010 11:01	2.346644	0.48
6/5/2010 11:16	2.330883	0.50
6/5/2010 11:31	2.29867	0.53
6/5/2010 11:46	2.267604	0.56
6/5/2010 12:01	2.204611	0.63
6/5/2010 12:16	2.145374	0.68
6/5/2010 12:31	2.104329	0.73
6/5/2010 12:46	2.079027	0.75
6/5/2010 13:01	2.084551	0.75
6/5/2010 13:16	2.101959	0.73
6/5/2010 13:31	2.105497	0.72
6/5/2010 13:46	2.0956	0.73
6/5/2010 14:01	2.095841	0.73
6/5/2010 14:16	2.122908	0.71
6/5/2010 14:31	2.120203	0.71
6/5/2010 14:46	2.16115	0.67
6/5/2010 15:01	2.199498	0.63
6/5/2010 15:16	2.220508	0.61
6/5/2010 15:31	2.303427	0.53
6/5/2010 15:46	2.329531	0.50
6/5/2010 16:01	2.39118	0.44
6/5/2010 16:16	2.433378	0.40
6/5/2010 16:31	2.475521	0.35

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
6/4/2010 18:45	29.845472	33.81
6/4/2010 19:00	29.84572	33.82
6/4/2010 19:15	29.848974	33.82
6/4/2010 19:30	29.84519	33.81
6/4/2010 19:45	29.851948	33.82
6/4/2010 20:00	29.840004	33.81
6/4/2010 20:15	29.838188	33.81
6/4/2010 20:30	29.853621	33.82
6/4/2010 20:45	29.862696	33.83
6/4/2010 21:00	29.850636	33.82
6/4/2010 21:15	29.844177	33.81
6/4/2010 21:30	29.837881	33.81
6/4/2010 21:45	29.842974	33.81
6/4/2010 22:00	29.843893	33.81
6/4/2010 22:15	29.847336	33.82
6/4/2010 22:30	29.848169	33.82
6/4/2010 22:45	29.842075	33.81
6/4/2010 23:00	29.834318	33.80
6/4/2010 23:15	29.832819	33.80
6/4/2010 23:30	29.828358	33.80
6/4/2010 23:45	29.824005	33.79
6/5/2010 0:00	29.820723	33.79
6/5/2010 0:15	29.819979	33.79
6/5/2010 0:30	29.807695	33.77
6/5/2010 0:45	29.809134	33.77
6/5/2010 1:00	29.808968	33.77
6/5/2010 1:15	29.812349	33.78
6/5/2010 1:30	29.81735	33.78
6/5/2010 1:45	29.81991	33.79
6/5/2010 2:00	29.812546	33.78
6/5/2010 2:15	29.80423	33.77
6/5/2010 2:30	29.805357	33.77
6/5/2010 2:45	29.795235	33.76
6/5/2010 3:00	29.782499	33.74
6/5/2010 3:15	29.782206	33.74
6/5/2010 3:30	29.780956	33.74
6/5/2010 3:45	29.784405	33.75
6/5/2010 4:00	29.792969	33.76
6/5/2010 4:15	29.792336	33.75
6/5/2010 4:30	29.790619	33.75
6/5/2010 4:45	29.79031	33.75
6/5/2010 5:00	29.790522	33.75
6/5/2010 5:15	29.794239	33.76
6/5/2010 5:30	29.795023	33.76
6/5/2010 5:45	29.791204	33.75
6/5/2010 6:00	29.790442	33.75
6/5/2010 6:15	29.803129	33.77
6/5/2010 6:30	29.804281	33.77
6/5/2010 6:45	29.806402	33.77
6/5/2010 7:00	29.810789	33.78
6/5/2010 7:15	29.807562	33.77
6/5/2010 7:30	29.810099	33.77
6/5/2010 7:45	29.815817	33.78
6/5/2010 8:00	29.809217	33.77
6/5/2010 8:15	29.816618	33.78
6/5/2010 8:30	29.811577	33.78
6/5/2010 8:45	29.820406	33.79
6/5/2010 9:00	29.820807	33.79
6/5/2010 9:15	29.818958	33.78
6/5/2010 9:30	29.815817	33.78
6/5/2010 9:45	29.810989	33.78
6/5/2010 10:00	29.807407	33.77
6/5/2010 10:15	29.808113	33.77
6/5/2010 10:30	29.818958	33.78
6/5/2010 10:45	29.808432	33.77
6/5/2010 11:00	29.811579	33.78
6/5/2010 11:15	29.814398	33.78
6/5/2010 11:30	29.818501	33.78
6/5/2010 11:45	29.811684	33.78

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/5/2010 17:15	1.196239	0.93	0.90
6/5/2010 17:30	1.228474	0.90	0.86
6/5/2010 17:45	1.251407	0.88	0.84
6/5/2010 18:00	1.285582	0.84	0.81
6/5/2010 18:15	1.325108	0.80	0.77
6/5/2010 18:30	1.35909	0.77	0.74
6/5/2010 18:45	1.393124	0.74	0.71
6/5/2010 19:00	1.43406	0.70	0.68
6/5/2010 19:15	1.470461	0.66	0.63
6/5/2010 19:30	1.503716	0.63	0.61
6/5/2010 19:45	1.541409	0.59	0.57
6/5/2010 20:00	1.571694	0.56	0.54
6/5/2010 20:15	1.591397	0.54	0.53
6/5/2010 20:30	1.606742	0.52	0.50
6/5/2010 20:45	1.626621	0.50	0.48
6/5/2010 21:00	1.63922	0.49	0.48
6/5/2010 21:15	1.640001	0.49	0.47
6/5/2010 21:30	1.634524	0.50	0.48
6/5/2010 21:45	1.622729	0.51	0.49
6/5/2010 22:00	1.599379	0.53	0.51
6/5/2010 22:15	1.571448	0.56	0.54
6/5/2010 22:30	1.539698	0.59	0.57
6/5/2010 22:45	1.498532	0.63	0.61
6/5/2010 23:00	1.449767	0.68	0.66
6/5/2010 23:15	1.408241	0.72	0.69
6/5/2010 23:30	1.366099	0.76	0.73
6/5/2010 23:45	1.317603	0.81	0.78
6/6/2010 0:00	1.268117	0.86	0.82
6/6/2010 0:15	1.228391	0.90	0.85
6/6/2010 0:30	1.179194	0.95	0.89
6/6/2010 0:45	1.132233	1.00	0.94
6/6/2010 1:00	1.08773	1.04	0.97
6/6/2010 1:15	1.028861	1.10	1.02
6/6/2010 1:30	0.974699	1.16	1.07
6/6/2010 1:45	0.936991	1.19	1.09
6/6/2010 2:00	0.902323	1.23	1.12
6/6/2010 2:15	0.875559	1.25	1.13
6/6/2010 2:30	0.857596	1.27	1.13
6/6/2010 2:45	0.835492	1.29	1.14
6/6/2010 3:00	0.813645	1.32	1.17
6/6/2010 3:15	0.79645	1.33	1.17
6/6/2010 3:30	0.785735	1.34	1.19
6/6/2010 3:45	0.785927	1.34	1.20
6/6/2010 4:00	0.794036	1.34	1.20
6/6/2010 4:15	0.816102	1.31	1.17
6/6/2010 4:30	0.84134	1.29	1.17
6/6/2010 4:45	0.866326	1.26	1.12
6/6/2010 5:00	0.886844	1.24	1.09
6/6/2010 5:15	0.894543	1.24	1.09
6/6/2010 5:30	0.91278	1.22	1.06
6/6/2010 5:45	0.935077	1.19	1.03
6/6/2010 6:00	0.970169	1.16	1.00
6/6/2010 6:15	1.006951	1.12	0.96
6/6/2010 6:30	1.040475	1.09	0.93
6/6/2010 6:45	1.066845	1.06	0.89
6/6/2010 7:00	1.095574	1.03	0.86
6/6/2010 7:15	1.129013	1.00	0.82
6/6/2010 7:30	1.162044	0.97	0.79
6/6/2010 7:45	1.194732	0.94	0.75
6/6/2010 8:00	1.227857	0.90	0.73
6/6/2010 8:15	1.257484	0.87	0.68
6/6/2010 8:30	1.284277	0.85	0.66
6/6/2010 8:45	1.304647	0.83	0.62
6/6/2010 9:00	1.319483	0.81	0.60
6/6/2010 9:15	1.337027	0.79	0.57
6/6/2010 9:30	1.349975	0.78	0.54
6/6/2010 9:45	1.361117	0.77	0.53
6/6/2010 10:00	1.374289	0.76	0.51
6/6/2010 10:15	1.368472	0.76	0.50

FMC-Gage (Parkside Marina)		
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)
6/5/2010 16:46	2.543575	0.29
6/5/2010 17:01	2.56367	0.27
6/5/2010 17:16	2.634319	0.20
6/5/2010 17:31	2.671613	0.16
6/5/2010 17:46	2.698967	0.13
6/5/2010 18:01	2.765392	0.06
6/5/2010 18:16	2.825183	0.00
6/5/2010 18:31	2.869735	-0.04
6/5/2010 18:46	2.92487	-0.09
6/5/2010 19:01	2.996388	-0.17
6/5/2010 19:16	3.034559	-0.20
6/5/2010 19:31	3.08551	-0.26
6/5/2010 19:46	3.141886	-0.31
6/5/2010 20:01	3.163462	-0.33
6/5/2010 20:16	3.178924	-0.35
6/5/2010 20:31	3.194753	-0.36
6/5/2010 20:46	3.223767	-0.39
6/5/2010 21:01	3.222242	-0.39
6/5/2010 21:16	3.204948	-0.37
6/5/2010 21:31	3.180996	-0.35
6/5/2010 21:46	3.141587	-0.31
6/5/2010 22:01	3.086111	-0.26
6/5/2010 22:16	3.02681	-0.20
6/5/2010 22:31	2.96474	-0.13
6/5/2010 22:46	2.882253	-0.05
6/5/2010 23:01	2.802197	0.03
6/5/2010 23:16	2.738398	0.09
6/5/2010 23:31	2.670641	0.16
6/5/2010 23:46	2.589353	0.24
6/6/2010 0:01	2.523718	0.31
6/6/2010 0:16	2.470429	0.36
6/6/2010 0:31	2.384419	0.45
6/6/2010 0:46	2.322702	0.51
6/6/2010 1:01	2.251412	0.58
6/6/2010 1:16	2.148743	0.68
6/6/2010 1:31	2.087196	0.74
6/6/2010 1:46	2.053911	0.78
6/6/2010 2:01	2.008259	0.82
6/6/2010 2:16	1.997665	0.83
6/6/2010 2:31	1.983402	0.85
6/6/2010 2:46	1.950037	0.88
6/6/2010 3:01	1.926562	0.90
6/6/2010 3:16	1.911479	0.92
6/6/2010 3:31	1.909812	0.92
6/6/2010 3:46	1.929574	0.90
6/6/2010 4:01	1.965997	0.86
6/6/2010 4:16	2.022642	0.81
6/6/2010 4:31	2.075074	0.75
6/6/2010 4:46	2.119575	0.71
6/6/2010 5:01	2.142403	0.69
6/6/2010 5:16	2.140833	0.69
6/6/2010 5:31	2.184214	0.65
6/6/2010 5:46	2.230139	0.60
6/6/2010 6:01	2.306228	0.52
6/6/2010 6:16	2.360613	0.47
6/6/2010 6:31	2.411961	0.42
6/6/2010 6:46	2.441752	0.39
6/6/2010 7:01	2.493241	0.34
6/6/2010 7:16	2.547644	0.28
6/6/2010 7:31	2.596516	0.23
6/6/2010 7:46	2.645658	0.18
6/6/2010 8:01	2.691521	0.14
6/6/2010 8:16	2.730652	0.10
6/6/2010 8:31	2.762989	0.07
6/6/2010 8:46	2.780994	0.05
6/6/2010 9:01	2.794765	0.04
6/6/2010 9:16	2.820977	0.01
6/6/2010 9:31	2.830862	0.00
6/6/2010 9:46	2.84012	-0.01

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
6/5/2010 12:00	29.805338	33.77
6/5/2010 12:15	29.798847	33.76
6/5/2010 12:30	29.797136	33.76
6/5/2010 12:45	29.797409	33.76
6/5/2010 13:00	29.80368	33.77
6/5/2010 13:15	29.801121	33.76
6/5/2010 13:30	29.801649	33.77
6/5/2010 13:45	29.80069	33.76
6/5/2010 14:00	29.800343	33.76
6/5/2010 14:15	29.794743	33.76
6/5/2010 14:30	29.7964	33.76
6/5/2010 14:45	29.787016	33.75
6/5/2010 15:00	29.78916	33.75
6/5/2010 15:15	29.788254	33.75
6/5/2010 15:30	29.780079	33.74
6/5/2010 15:45	29.778753	33.74
6/5/2010 16:00	29.783476	33.74
6/5/2010 16:15	29.783762	33.75
6/5/2010 16:30	29.77804	33.74
6/5/2010 16:45	29.778589	33.74
6/5/2010 17:00	29.779871	33.74
6/5/2010 17:15	29.770813	33.73
6/5/2010 17:30	29.764116	33.72
6/5/2010 17:45	29.765709	33.72
6/5/2010 18:00	29.766176	33.73
6/5/2010 18:15	29.768064	33.73
6/5/2010 18:30	29.772865	33.73
6/5/2010 18:45	29.771978	33.73
6/5/2010 19:00	29.782738	33.74
6/5/2010 19:15	29.774498	33.73
6/5/2010 19:30	29.782036	33.74
6/5/2010 19:45	29.782602	33.74
6/5/2010 20:00	29.779408	33.74
6/5/2010 20:15	29.785967	33.75
6/5/2010 20:30	29.777655	33.74
6/5/2010 20:45	29.781506	33.74
6/5/2010 21:00	29.788254	33.75
6/5/2010 21:15	29.782169	33.74
6/5/2010 21:30	29.782265	33.74
6/5/2010 21:45	29.778936	33.74
6/5/2010 22:00	29.783627	33.74
6/5/2010 22:15	29.777857	33.74
6/5/2010 22:30	29.778316	33.74
6/5/2010 22:45	29.776466	33.74
6/5/2010 23:00	29.778191	33.74
6/5/2010 23:15	29.774765	33.73
6/5/2010 23:30	29.773563	33.73
6/5/2010 23:45	29.769886	33.73
6/6/2010 0:00	29.763079	33.72
6/6/2010 0:15	29.755474	33.71
6/6/2010 0:30	29.747271	33.70
6/6/2010 0:45	29.746927	33.70
6/6/2010 1:00	29.739264	33.69
6/6/2010 1:15	29.729433	33.68
6/6/2010 1:30	29.716579	33.67
6/6/2010 1:45	29.708809	33.66
6/6/2010 2:00	29.699842	33.65
6/6/2010 2:15	29.689962	33.64
6/6/2010 2:30	29.68474	33.63
6/6/2010 2:45	29.674784	33.62
6/6/2010 3:00	29.670397	33.62
6/6/2010 3:15	29.666885	33.61
6/6/2010 3:30	29.673235	33.62
6/6/2010 3:45	29.679222	33.63
6/6/2010 4:00	29.680693	33.63
6/6/2010 4:15	29.685289	33.63
6/6/2010 4:30	29.687248	33.64
6/6/2010 4:45	29.680742	33.63
6/6/2010 5:00	29.672607	33.62

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/6/2010 10:30	1.350083	0.78	0.51
6/6/2010 10:45	1.321707	0.81	0.54
6/6/2010 11:00	1.29134	0.84	0.57
6/6/2010 11:15	1.269714	0.86	0.59
6/6/2010 11:30	1.267044	0.86	0.59
6/6/2010 11:45	1.260308	0.87	0.59
6/6/2010 12:00	1.225032	0.90	0.62
6/6/2010 12:15	1.188237	0.94	0.64
6/6/2010 12:30	1.144573	0.99	0.68
6/6/2010 12:45	1.102635	1.03	0.71
6/6/2010 13:00	1.082043	1.05	0.73
6/6/2010 13:15	1.059562	1.07	0.75
6/6/2010 13:30	1.034623	1.10	0.79
6/6/2010 13:45	1.015081	1.11	0.80
6/6/2010 14:00	0.980332	1.15	0.84
6/6/2010 14:15	0.957702	1.17	0.85
6/6/2010 14:30	0.940216	1.19	0.88
6/6/2010 14:45	0.932427	1.20	0.89
6/6/2010 15:00	0.923743	1.21	0.92
6/6/2010 15:15	0.919394	1.21	0.92
6/6/2010 15:30	0.954822	1.18	0.89
6/6/2010 15:45	0.991062	1.14	0.85
6/6/2010 16:00	1.000896	1.13	0.84
6/6/2010 16:15	0.98329	1.15	0.86
6/6/2010 16:30	0.976691	1.15	0.86
6/6/2010 16:45	1.011263	1.12	0.82
6/6/2010 17:00	1.036488	1.09	0.81
6/6/2010 17:15	1.093761	1.04	0.77
6/6/2010 17:30	1.169118	0.96	0.69
6/6/2010 17:45	1.172706	0.96	0.69
6/6/2010 18:00	1.206005	0.92	0.65
6/6/2010 18:15	1.230645	0.90	0.63
6/6/2010 18:30	1.228217	0.90	0.64
6/6/2010 18:45	1.267655	0.86	0.62
6/6/2010 19:00	1.313706	0.82	0.59
6/6/2010 19:15	1.395815	0.73	0.51
6/6/2010 19:30	1.463861	0.67	0.46
6/6/2010 19:45	1.478187	0.65	0.46
6/6/2010 20:00	1.53456	0.60	0.41
6/6/2010 20:15	1.565283	0.56	0.39
6/6/2010 20:30	1.566854	0.56	0.39
6/6/2010 20:45	1.611071	0.52	0.37
6/6/2010 21:00	1.641094	0.49	0.35
6/6/2010 21:15	1.665772	0.46	0.34
6/6/2010 21:30	1.733246	0.40	0.29
6/6/2010 21:45	1.797296	0.33	0.24
6/6/2010 22:00	1.809476	0.32	0.24
6/6/2010 22:15	1.807082	0.32	0.25
6/6/2010 22:30	1.787122	0.34	0.29
6/6/2010 22:45	1.753463	0.38	0.34
6/6/2010 23:00	1.743587	0.39	0.35
6/6/2010 23:15	1.731552	0.40	0.37
6/6/2010 23:30	1.737132	0.39	0.36
6/6/2010 23:45	1.734462	0.40	0.37
6/7/2010 0:00	1.719141	0.41	0.39
6/7/2010 0:15	1.723527	0.41	0.38
6/7/2010 0:30	1.669112	0.46	0.44
6/7/2010 0:45	1.58881	0.54	0.53
6/7/2010 1:00	1.52512	0.60	0.59
6/7/2010 1:15	1.465586	0.66	0.65
6/7/2010 1:30	1.43882	0.69	0.69
6/7/2010 1:45	1.44925	0.68	0.68
6/7/2010 2:00	1.456041	0.67	0.68
6/7/2010 2:15	1.444948	0.69	0.69
6/7/2010 2:30	1.418285	0.71	0.72
6/7/2010 2:45	1.387031	0.74	0.76
6/7/2010 3:00	1.384697	0.75	0.78
6/7/2010 3:15	1.365891	0.76	0.79
6/7/2010 3:30	1.380623	0.75	0.78

FMC-Gage (Parkside Marina)		
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)
6/6/2010 10:01	2.855072	-0.03
6/6/2010 10:16	2.810984	0.02
6/6/2010 10:31	2.762503	0.07
6/6/2010 10:46	2.697558	0.13
6/6/2010 11:01	2.638332	0.19
6/6/2010 11:16	2.618768	0.21
6/6/2010 11:31	2.643088	0.19
6/6/2010 11:46	2.616537	0.21
6/6/2010 12:01	2.522144	0.31
6/6/2010 12:16	2.47003	0.36
6/6/2010 12:31	2.380902	0.45
6/6/2010 12:46	2.33008	0.50
6/6/2010 13:01	2.318329	0.51
6/6/2010 13:16	2.279054	0.55
6/6/2010 13:31	2.254257	0.58
6/6/2010 13:46	2.21776	0.61
6/6/2010 14:01	2.156901	0.67
6/6/2010 14:16	2.138181	0.69
6/6/2010 14:31	2.119909	0.71
6/6/2010 14:46	2.127434	0.70
6/6/2010 15:01	2.107671	0.72
6/6/2010 15:16	2.136424	0.69
6/6/2010 15:31	2.240925	0.59
6/6/2010 15:46	2.302172	0.53
6/6/2010 16:01	2.271999	0.56
6/6/2010 16:16	2.220922	0.61
6/6/2010 16:31	2.232049	0.60
6/6/2010 16:46	2.34334	0.49
6/6/2010 17:01	2.364372	0.47
6/6/2010 17:16	2.541636	0.29
6/6/2010 17:31	2.618033	0.21
6/6/2010 17:46	2.544355	0.29
6/6/2010 18:01	2.651842	0.18
6/6/2010 18:16	2.638899	0.19
6/6/2010 18:31	2.629022	0.20
6/6/2010 18:46	2.731077	0.10
6/6/2010 19:01	2.817363	0.01
6/6/2010 19:16	3.012585	-0.18
6/6/2010 19:31	3.042646	-0.21
6/6/2010 19:46	3.026192	-0.20
6/6/2010 20:01	3.162351	-0.33
6/6/2010 20:16	3.135117	-0.31
6/6/2010 20:31	3.130085	-0.30
6/6/2010 20:46	3.237644	-0.41
6/6/2010 21:01	3.238775	-0.41
6/6/2010 21:16	3.298953	-0.47
6/6/2010 21:31	3.46223	-0.63
6/6/2010 21:46	3.517084	-0.69
6/6/2010 22:01	3.467273	-0.64
6/6/2010 22:16	3.432619	-0.60
6/6/2010 22:31	3.346376	-0.52
6/6/2010 22:46	3.280407	-0.45
6/6/2010 23:01	3.29204	-0.46
6/6/2010 23:16	3.267908	-0.44
6/6/2010 23:31	3.307314	-0.48
6/6/2010 23:46	3.268537	-0.44
6/7/2010 0:01	3.259074	-0.43
6/7/2010 0:16	3.26196	-0.43
6/7/2010 0:31	3.067335	-0.24
6/7/2010 0:46	2.929903	-0.10
6/7/2010 1:01	2.833745	0.00
6/7/2010 1:16	2.762403	0.07
6/7/2010 1:31	2.785116	0.04
6/7/2010 1:46	2.854539	-0.02
6/7/2010 2:01	2.856026	-0.03
6/7/2010 2:16	2.8278	0.00
6/7/2010 2:31	2.750502	0.08
6/7/2010 2:46	2.72388	0.11
6/7/2010 3:01	2.742077	0.09

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
6/6/2010 5:15	29.67312	33.62
6/6/2010 5:30	29.668526	33.61
6/6/2010 5:45	29.664402	33.61
6/6/2010 6:00	29.667402	33.61
6/6/2010 6:15	29.664167	33.61
6/6/2010 6:30	29.666348	33.61
6/6/2010 6:45	29.655848	33.60
6/6/2010 7:00	29.654642	33.60
6/6/2010 7:15	29.650156	33.59
6/6/2010 7:30	29.644878	33.59
6/6/2010 7:45	29.640203	33.58
6/6/2010 8:00	29.654119	33.60
6/6/2010 8:15	29.641296	33.58
6/6/2010 8:30	29.638479	33.58
6/6/2010 8:45	29.622965	33.56
6/6/2010 9:00	29.618923	33.56
6/6/2010 9:15	29.610706	33.55
6/6/2010 9:30	29.595823	33.53
6/6/2010 9:45	29.589878	33.53
6/6/2010 10:00	29.588015	33.52
6/6/2010 10:15	29.579384	33.51
6/6/2010 10:30	29.569588	33.50
6/6/2010 10:45	29.570938	33.50
6/6/2010 11:00	29.566099	33.50
6/6/2010 11:15	29.567734	33.50
6/6/2010 11:30	29.564682	33.50
6/6/2010 11:45	29.561457	33.49
6/6/2010 12:00	29.558426	33.49
6/6/2010 12:15	29.541378	33.47
6/6/2010 12:30	29.533802	33.46
6/6/2010 12:45	29.519388	33.45
6/6/2010 13:00	29.524652	33.45
6/6/2010 13:15	29.527506	33.45
6/6/2010 13:30	29.528637	33.46
6/6/2010 13:45	29.529524	33.46
6/6/2010 14:00	29.53162	33.46
6/6/2010 14:15	29.525396	33.45
6/6/2010 14:30	29.52903	33.46
6/6/2010 14:45	29.535631	33.46
6/6/2010 15:00	29.545706	33.48
6/6/2010 15:15	29.552359	33.48
6/6/2010 15:30	29.551105	33.48
6/6/2010 15:45	29.547297	33.48
6/6/2010 16:00	29.552094	33.48
6/6/2010 16:15	29.553741	33.48
6/6/2010 16:30	29.550983	33.48
6/6/2010 16:45	29.544983	33.47
6/6/2010 17:00	29.559334	33.49
6/6/2010 17:15	29.56406	33.50
6/6/2010 17:30	29.564178	33.50
6/6/2010 17:45	29.566942	33.50
6/6/2010 18:00	29.570032	33.50
6/6/2010 18:15	29.56761	33.50
6/6/2010 18:30	29.574522	33.51
6/6/2010 18:45	29.590546	33.53
6/6/2010 19:00	29.601467	33.54
6/6/2010 19:15	29.613247	33.55
6/6/2010 19:30	29.623289	33.56
6/6/2010 19:45	29.634863	33.58
6/6/2010 20:00	29.641769	33.58
6/6/2010 20:15	29.652353	33.60
6/6/2010 20:30	29.656059	33.60
6/6/2010 20:45	29.669554	33.62
6/6/2010 21:00	29.684509	33.63
6/6/2010 21:15	29.686918	33.64
6/6/2010 21:30	29.69733	33.65
6/6/2010 21:45	29.715441	33.67
6/6/2010 22:00	29.723675	33.68
6/6/2010 22:15	29.736876	33.69

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/7/2010 3:45	1.414154	0.72	0.76
6/7/2010 4:00	1.411201	0.72	0.77
6/7/2010 4:15	1.422279	0.71	0.76
6/7/2010 4:30	1.429325	0.70	0.75
6/7/2010 4:45	1.426596	0.70	0.76
6/7/2010 5:00	1.454321	0.68	0.74
6/7/2010 5:15	1.491052	0.64	0.72
6/7/2010 5:30	1.523907	0.61	0.69
6/7/2010 5:45	1.552253	0.58	0.67
6/7/2010 6:00	1.571569	0.56	0.64
6/7/2010 6:15	1.590692	0.54	0.63
6/7/2010 6:30	1.62748	0.50	0.59
6/7/2010 6:45	1.672296	0.46	0.57
6/7/2010 7:00	1.720123	0.41	0.52
6/7/2010 7:15	1.772577	0.36	0.48
6/7/2010 7:30	1.817861	0.31	0.43
6/7/2010 7:45	1.858869	0.27	0.41
6/7/2010 8:00	1.897042	0.23	0.38
6/7/2010 8:15	1.92823	0.20	0.35
6/7/2010 8:30	1.962075	0.17	0.33
6/7/2010 8:45	2.016649	0.11	0.28
6/7/2010 9:00	2.069374	0.06	0.24
6/7/2010 9:15	2.123525	0.01	0.19
6/7/2010 9:30	2.166746	-0.04	0.13
6/7/2010 9:45	2.203552	-0.07	0.11
6/7/2010 10:00	2.220045	-0.09	0.08
6/7/2010 10:15	2.225402	-0.10	0.07
6/7/2010 10:30	2.246714	-0.12	0.05
6/7/2010 10:45	2.258681	-0.13	0.03
6/7/2010 11:00	2.266154	-0.14	0.02
6/7/2010 11:15	2.276533	-0.15	0.01
6/7/2010 11:30	2.277755	-0.15	0.02
6/7/2010 11:45	2.271402	-0.14	0.02
6/7/2010 12:00	2.260078	-0.13	0.04
6/7/2010 12:15	2.238585	-0.11	0.06
6/7/2010 12:30	2.212157	-0.08	0.09
6/7/2010 12:45	2.189714	-0.06	0.10
6/7/2010 13:00	2.155052	-0.03	0.13
6/7/2010 13:15	2.117079	0.01	0.17
6/7/2010 13:30	2.088549	0.04	0.20
6/7/2010 13:45	2.062009	0.07	0.23
6/7/2010 14:00	2.035583	0.09	0.25
6/7/2010 14:15	2.029057	0.10	0.26
6/7/2010 14:30	2.022718	0.11	0.27
6/7/2010 14:45	2.003632	0.13	0.29
6/7/2010 15:00	1.985619	0.14	0.30
6/7/2010 15:15	1.97531	0.15	0.32
6/7/2010 15:30	1.962548	0.17	0.33
6/7/2010 15:45	1.95475	0.18	0.36
6/7/2010 16:00	1.956663	0.17	0.34
6/7/2010 16:15	1.96809	0.16	0.34
6/7/2010 16:30	1.975768	0.15	0.32
6/7/2010 16:45	1.989895	0.14	0.31
6/7/2010 17:00	2.003958	0.13	0.31
6/7/2010 17:15	2.023355	0.11	0.29
6/7/2010 17:30	2.030686	0.10	0.29
6/7/2010 17:45	2.032574	0.10	0.27
6/7/2010 18:00	2.033864	0.10	0.28
6/7/2010 18:15	2.02703	0.10	0.28
6/7/2010 18:30	2.035859	0.09	0.27
6/7/2010 18:45	2.067821	0.06	0.25
6/7/2010 19:00	2.087055	0.04	0.23
6/7/2010 19:15	2.100125	0.03	0.23
6/7/2010 19:30	2.113904	0.02	0.22
6/7/2010 19:45	2.132389	0.00	0.20
6/7/2010 20:00	2.13608	-0.01	0.20
6/7/2010 20:15	2.136121	-0.01	0.21
6/7/2010 20:30	2.138669	-0.01	0.21
6/7/2010 20:45	2.134277	0.00	0.23

FMC-Gage (Parkside Marina)		
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)
6/7/2010 3:16	2.699627	0.13
6/7/2010 3:31	2.796186	0.03
6/7/2010 3:46	2.845658	-0.02
6/7/2010 4:01	2.809286	0.02
6/7/2010 4:16	2.853854	-0.02
6/7/2010 4:31	2.840135	-0.01
6/7/2010 4:46	2.841753	-0.01
6/7/2010 5:01	2.928967	-0.10
6/7/2010 5:16	2.988397	-0.16
6/7/2010 5:31	3.04235	-0.21
6/7/2010 5:46	3.077066	-0.25
6/7/2010 6:01	3.09264	-0.26
6/7/2010 6:16	3.125004	-0.30
6/7/2010 6:31	3.206316	-0.38
6/7/2010 6:46	3.283998	-0.45
6/7/2010 7:01	3.363733	-0.53
6/7/2010 7:16	3.451563	-0.62
6/7/2010 7:31	3.507132	-0.68
6/7/2010 7:46	3.558727	-0.73
6/7/2010 8:01	3.609471	-0.78
6/7/2010 8:16	3.647383	-0.82
6/7/2010 8:31	3.722309	-0.89
6/7/2010 8:46	3.791548	-0.96
6/7/2010 9:01	3.892132	-1.06
6/7/2010 9:16	3.964222	-1.13
6/7/2010 9:31	4.014237	-1.18
6/7/2010 9:46	4.053958	-1.22
6/7/2010 10:01	4.038551	-1.21
6/7/2010 10:16	4.032293	-1.20
6/7/2010 10:31	4.069795	-1.24
6/7/2010 10:46	4.068576	-1.24
6/7/2010 11:01	4.075181	-1.25
6/7/2010 11:16	4.092059	-1.26
6/7/2010 11:31	4.07136	-1.24
6/7/2010 11:46	4.043656	-1.21
6/7/2010 12:01	4.008896	-1.18
6/7/2010 12:16	3.95919	-1.13
6/7/2010 12:31	3.916126	-1.09
6/7/2010 12:46	3.858642	-1.03
6/7/2010 13:01	3.799353	-0.97
6/7/2010 13:16	3.730731	-0.90
6/7/2010 13:31	3.692702	-0.86
6/7/2010 13:46	3.65589	-0.83
6/7/2010 14:01	3.633236	-0.80
6/7/2010 14:16	3.645186	-0.82
6/7/2010 14:31	3.626441	-0.80
6/7/2010 14:46	3.587546	-0.76
6/7/2010 15:01	3.5635	-0.73
6/7/2010 15:16	3.550102	-0.72
6/7/2010 15:31	3.530547	-0.70
6/7/2010 15:46	3.531427	-0.70
6/7/2010 16:01	3.564488	-0.73
6/7/2010 16:16	3.580783	-0.75
6/7/2010 16:31	3.608351	-0.78
6/7/2010 16:46	3.621454	-0.79
6/7/2010 17:01	3.660037	-0.83
6/7/2010 17:16	3.68194	-0.85
6/7/2010 17:31	3.678579	-0.85
6/7/2010 17:46	3.680578	-0.85
6/7/2010 18:01	3.673759	-0.84
6/7/2010 18:16	3.647039	-0.82
6/7/2010 18:31	3.693753	-0.86
6/7/2010 18:46	3.767781	-0.94
6/7/2010 19:01	3.78676	-0.96
6/7/2010 19:16	3.788942	-0.96
6/7/2010 19:31	3.815645	-0.99
6/7/2010 19:46	3.837641	-1.01
6/7/2010 20:01	3.823056	-0.99
6/7/2010 20:16	3.815022	-0.99

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
6/6/2010 22:30	29.751759	33.71
6/6/2010 22:45	29.757864	33.72
6/6/2010 23:00	29.764156	33.72
6/6/2010 23:15	29.766632	33.73
6/6/2010 23:30	29.772594	33.73
6/6/2010 23:45	29.774345	33.73
6/7/2010 0:00	29.77734	33.74
6/7/2010 0:15	29.774185	33.73
6/7/2010 0:30	29.778399	33.74
6/7/2010 0:45	29.786173	33.75
6/7/2010 1:00	29.789425	33.75
6/7/2010 1:15	29.789425	33.75
6/7/2010 1:30	29.792934	33.76
6/7/2010 1:45	29.796988	33.76
6/7/2010 2:00	29.803709	33.77
6/7/2010 2:15	29.798428	33.76
6/7/2010 2:30	29.807928	33.77
6/7/2010 2:45	29.811045	33.78
6/7/2010 3:00	29.822109	33.79
6/7/2010 3:15	29.825874	33.79
6/7/2010 3:30	29.825947	33.79
6/7/2010 3:45	29.828646	33.80
6/7/2010 4:00	29.837618	33.81
6/7/2010 4:15	29.84107	33.81
6/7/2010 4:30	29.843512	33.81
6/7/2010 4:45	29.853102	33.82
6/7/2010 5:00	29.854166	33.82
6/7/2010 5:15	29.864748	33.84
6/7/2010 5:30	29.870983	33.84
6/7/2010 5:45	29.872158	33.85
6/7/2010 6:00	29.869486	33.84
6/7/2010 6:15	29.879761	33.85
6/7/2010 6:30	29.879263	33.85
6/7/2010 6:45	29.892229	33.87
6/7/2010 7:00	29.89732	33.87
6/7/2010 7:15	29.900326	33.88
6/7/2010 7:30	29.903084	33.88
6/7/2010 7:45	29.908934	33.89
6/7/2010 8:00	29.916233	33.90
6/7/2010 8:15	29.918282	33.90
6/7/2010 8:30	29.925089	33.91
6/7/2010 8:45	29.937292	33.92
6/7/2010 9:00	29.943289	33.93
6/7/2010 9:15	29.94503	33.93
6/7/2010 9:30	29.941948	33.92
6/7/2010 9:45	29.943562	33.93
6/7/2010 10:00	29.940931	33.92
6/7/2010 10:15	29.938896	33.92
6/7/2010 10:30	29.937649	33.92
6/7/2010 10:45	29.931671	33.91
6/7/2010 11:00	29.932467	33.91
6/7/2010 11:15	29.933531	33.91
6/7/2010 11:30	29.935099	33.92
6/7/2010 11:45	29.933475	33.91
6/7/2010 12:00	29.935099	33.92
6/7/2010 12:15	29.934191	33.92
6/7/2010 12:30	29.935331	33.92
6/7/2010 12:45	29.931376	33.91
6/7/2010 13:00	29.929663	33.91
6/7/2010 13:15	29.928301	33.91
6/7/2010 13:30	29.927486	33.91
6/7/2010 13:45	29.928753	33.91
6/7/2010 14:00	29.932379	33.91
6/7/2010 14:15	29.927233	33.91
6/7/2010 14:30	29.928522	33.91
6/7/2010 14:45	29.927486	33.91
6/7/2010 15:00	29.929949	33.91
6/7/2010 15:15	29.935099	33.92
6/7/2010 15:30	29.932198	33.91

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/7/2010 21:00	2.11874	0.01	0.24
6/7/2010 21:15	2.113297	0.02	0.26
6/7/2010 21:30	2.106222	0.02	0.26
6/7/2010 21:45	2.09707	0.03	0.28
6/7/2010 22:00	2.080173	0.05	0.30
6/7/2010 22:15	2.053443	0.08	0.34
6/7/2010 22:30	2.038266	0.09	0.35
6/7/2010 22:45	2.011083	0.12	0.39
6/7/2010 23:00	1.964376	0.17	0.44
6/7/2010 23:15	1.923146	0.21	0.48
6/7/2010 23:30	1.875744	0.25	0.52
6/7/2010 23:45	1.824873	0.31	0.59
6/8/2010 0:00	1.790841	0.34	0.62
6/8/2010 0:15	1.752865	0.38	0.65
6/8/2010 0:30	1.713308	0.42	0.69
6/8/2010 0:45	1.666372	0.46	0.74
6/8/2010 1:00	1.60534	0.52	0.80
6/8/2010 1:15	1.553427	0.58	0.86
6/8/2010 1:30	1.495299	0.63	0.92
6/8/2010 1:45	1.444823	0.69	0.98
6/8/2010 2:00	1.399396	0.73	1.03
6/8/2010 2:15	1.359544	0.77	1.07
6/8/2010 2:30	1.318801	0.81	1.11
6/8/2010 2:45	1.278827	0.85	1.15
6/8/2010 3:00	1.235816	0.89	1.20
6/8/2010 3:15	1.195597	0.93	1.24
6/8/2010 3:30	1.166034	0.96	1.27
6/8/2010 3:45	1.137645	0.99	1.31
6/8/2010 4:00	1.121338	1.01	1.33
6/8/2010 4:15	1.106229	1.02	1.34
6/8/2010 4:30	1.089405	1.04	1.37
6/8/2010 4:45	1.084286	1.05	1.38
6/8/2010 5:00	1.078015	1.05	1.38
6/8/2010 5:15	1.07093	1.06	1.39
6/8/2010 5:30	1.075636	1.05	1.39
6/8/2010 5:45	1.089471	1.04	1.39
6/8/2010 6:00	1.106589	1.02	1.38
6/8/2010 6:15	1.124353	1.01	1.38
6/8/2010 6:30	1.147666	0.98	1.35
6/8/2010 6:45	1.181207	0.95	1.33
6/8/2010 7:00	1.203109	0.93	1.31
6/8/2010 7:15	1.239177	0.89	1.29
6/8/2010 7:30	1.282966	0.85	1.25
6/8/2010 7:45	1.306951	0.82	1.23
6/8/2010 8:00	1.354572	0.78	1.19
6/8/2010 8:15	1.407491	0.72	1.13
6/8/2010 8:30	1.444157	0.69	1.12
6/8/2010 8:45	1.494318	0.64	1.08
6/8/2010 9:00	1.536807	0.59	1.03
6/8/2010 9:15	1.570004	0.56	1.01
6/8/2010 9:30	1.62074	0.51	0.96
6/8/2010 9:45	1.675357	0.45	0.89
6/8/2010 10:00	1.728309	0.40	0.84
6/8/2010 10:15	1.789746	0.34	0.78
6/8/2010 10:30	1.844405	0.29	0.73
6/8/2010 10:45	1.883957	0.25	0.69
6/8/2010 11:00	1.908942	0.22	0.65
6/8/2010 11:15	1.935498	0.19	0.63
6/8/2010 11:30	1.957195	0.17	0.60
6/8/2010 11:45	1.976569	0.15	0.58
6/8/2010 12:00	2.00077	0.13	0.54
6/8/2010 12:15	2.018064	0.11	0.53
6/8/2010 12:30	2.03218	0.10	0.52
6/8/2010 12:45	2.04405	0.09	0.50
6/8/2010 13:00	2.029371	0.10	0.51
6/8/2010 13:15	2.004316	0.13	0.54
6/8/2010 13:30	2.004434	0.13	0.53
6/8/2010 13:45	1.997693	0.13	0.54
6/8/2010 14:00	1.980506	0.15	0.56

FMC-Gage (Parkside Marina)		
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)
6/7/2010 20:31	3.81836	-0.99
6/7/2010 20:46	3.791392	-0.96
6/7/2010 21:01	3.75651	-0.93
6/7/2010 21:16	3.762339	-0.93
6/7/2010 21:31	3.737453	-0.91
6/7/2010 21:46	3.722525	-0.89
6/7/2010 22:01	3.681383	-0.85
6/7/2010 22:16	3.63336	-0.80
6/7/2010 22:31	3.619438	-0.79
6/7/2010 22:46	3.548446	-0.72
6/7/2010 23:01	3.450589	-0.62
6/7/2010 23:16	3.391207	-0.56
6/7/2010 23:31	3.299702	-0.47
6/7/2010 23:46	3.228405	-0.40
6/8/2010 0:01	3.199788	-0.37
6/8/2010 0:16	3.138218	-0.31
6/8/2010 0:31	3.076742	-0.25
6/8/2010 0:46	2.98432	-0.15
6/8/2010 1:01	2.882805	-0.05
6/8/2010 1:16	2.803884	0.03
6/8/2010 1:31	2.71755	0.11
6/8/2010 1:46	2.654328	0.18
6/8/2010 2:01	2.59428	0.24
6/8/2010 2:16	2.549904	0.28
6/8/2010 2:31	2.48248	0.35
6/8/2010 2:46	2.427109	0.40
6/8/2010 3:01	2.365905	0.46
6/8/2010 3:16	2.315797	0.51
6/8/2010 3:31	2.28738	0.54
6/8/2010 3:46	2.253072	0.58
6/8/2010 4:01	2.256245	0.57
6/8/2010 4:16	2.240337	0.59
6/8/2010 4:31	2.221497	0.61
6/8/2010 4:46	2.235389	0.59
6/8/2010 5:01	2.231135	0.60
6/8/2010 5:16	2.227884	0.60
6/8/2010 5:31	2.257785	0.57
6/8/2010 5:46	2.298432	0.53
6/8/2010 6:01	2.32996	0.50
6/8/2010 6:16	2.366421	0.46
6/8/2010 6:31	2.419783	0.41
6/8/2010 6:46	2.481374	0.35
6/8/2010 7:01	2.512458	0.32
6/8/2010 7:16	2.593138	0.24
6/8/2010 7:31	2.659751	0.17
6/8/2010 7:46	2.686724	0.14
6/8/2010 8:01	2.791816	0.04
6/8/2010 8:16	2.870604	-0.04
6/8/2010 8:31	2.909152	-0.08
6/8/2010 8:46	3.004394	-0.17
6/8/2010 9:01	3.052876	-0.22
6/8/2010 9:16	3.094718	-0.26
6/8/2010 9:31	3.199295	-0.37
6/8/2010 9:46	3.277939	-0.45
6/8/2010 10:01	3.363346	-0.53
6/8/2010 10:16	3.473087	-0.64
6/8/2010 10:31	3.536285	-0.71
6/8/2010 10:46	3.570154	-0.74
6/8/2010 11:01	3.590069	-0.76
6/8/2010 11:16	3.606794	-0.78
6/8/2010 11:31	3.637099	-0.81
6/8/2010 11:46	3.65397	-0.82
6/8/2010 12:01	3.700272	-0.87
6/8/2010 12:16	3.708904	-0.88
6/8/2010 12:31	3.719824	-0.89
6/8/2010 12:46	3.728128	-0.90
6/8/2010 13:01	3.64801	-0.82
6/8/2010 13:16	3.603764	-0.77
6/8/2010 13:31	3.638158	-0.81

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
6/7/2010 15:45	29.943327	33.93
6/7/2010 16:00	29.941765	33.92
6/7/2010 16:15	29.949894	33.93
6/7/2010 16:30	29.941765	33.92
6/7/2010 16:45	29.94203	33.92
6/7/2010 17:00	29.94845	33.93
6/7/2010 17:15	29.947426	33.93
6/7/2010 17:30	29.953695	33.94
6/7/2010 17:45	29.94113	33.92
6/7/2010 18:00	29.945215	33.93
6/7/2010 18:15	29.945158	33.93
6/7/2010 18:30	29.948544	33.93
6/7/2010 18:45	29.958019	33.94
6/7/2010 19:00	29.958788	33.94
6/7/2010 19:15	29.965191	33.95
6/7/2010 19:30	29.965673	33.95
6/7/2010 19:45	29.967428	33.95
6/7/2010 20:00	29.977068	33.96
6/7/2010 20:15	29.985374	33.97
6/7/2010 20:30	29.985231	33.97
6/7/2010 20:45	29.991951	33.98
6/7/2010 21:00	29.994965	33.98
6/7/2010 21:15	29.998644	33.99
6/7/2010 21:30	30.002102	33.99
6/7/2010 21:45	30.007502	34.00
6/7/2010 22:00	30.011293	34.00
6/7/2010 22:15	30.016296	34.01
6/7/2010 22:30	30.018915	34.01
6/7/2010 22:45	30.024082	34.02
6/7/2010 23:00	30.025707	34.02
6/7/2010 23:15	30.026125	34.02
6/7/2010 23:30	30.029247	34.02
6/7/2010 23:45	30.030964	34.03
6/8/2010 0:00	30.034201	34.03
6/8/2010 0:15	30.029537	34.02
6/8/2010 0:30	30.030348	34.02
6/8/2010 0:45	30.033953	34.03
6/8/2010 1:00	30.034201	34.03
6/8/2010 1:15	30.039673	34.03
6/8/2010 1:30	30.042156	34.04
6/8/2010 1:45	30.043097	34.04
6/8/2010 2:00	30.048862	34.05
6/8/2010 2:15	30.05114	34.05
6/8/2010 2:30	30.051519	34.05
6/8/2010 2:45	30.057154	34.05
6/8/2010 3:00	30.05847	34.06
6/8/2010 3:15	30.06271	34.06
6/8/2010 3:30	30.065231	34.06
6/8/2010 3:45	30.070818	34.07
6/8/2010 4:00	30.070316	34.07
6/8/2010 4:15	30.074337	34.07
6/8/2010 4:30	30.078268	34.08
6/8/2010 4:45	30.080299	34.08
6/8/2010 5:00	30.08247	34.08
6/8/2010 5:15	30.082026	34.08
6/8/2010 5:30	30.090483	34.09
6/8/2010 5:45	30.095705	34.10
6/8/2010 6:00	30.102085	34.11
6/8/2010 6:15	30.119019	34.12
6/8/2010 6:30	30.118036	34.12
6/8/2010 6:45	30.122339	34.13
6/8/2010 7:00	30.127377	34.13
6/8/2010 7:15	30.128832	34.14
6/8/2010 7:30	30.130434	34.14
6/8/2010 7:45	30.138409	34.15
6/8/2010 8:00	30.138409	34.15
6/8/2010 8:15	30.143681	34.15
6/8/2010 8:30	30.159813	34.17
6/8/2010 8:45	30.168011	34.18

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/8/2010 14:15	1.97401	0.16	0.56
6/8/2010 14:30	1.975733	0.15	0.55
6/8/2010 14:45	1.967705	0.16	0.56
6/8/2010 15:00	1.945957	0.18	0.58
6/8/2010 15:15	1.938094	0.19	0.59
6/8/2010 15:30	1.938048	0.19	0.59
6/8/2010 15:45	1.929398	0.20	0.60
6/8/2010 16:00	1.912361	0.22	0.62
6/8/2010 16:15	1.909048	0.22	0.62
6/8/2010 16:30	1.901043	0.23	0.64
6/8/2010 16:45	1.902168	0.23	0.63
6/8/2010 17:00	1.915295	0.21	0.62
6/8/2010 17:15	1.930059	0.20	0.60
6/8/2010 17:30	1.942525	0.19	0.59
6/8/2010 17:45	1.952102	0.18	0.58
6/8/2010 18:00	1.970889	0.16	0.54
6/8/2010 18:15	2.000586	0.13	0.53
6/8/2010 18:30	2.021762	0.11	0.51
6/8/2010 18:45	2.041739	0.09	0.49
6/8/2010 19:00	2.082628	0.05	0.45
6/8/2010 19:15	2.105331	0.02	0.43
6/8/2010 19:30	2.109698	0.02	0.44
6/8/2010 19:45	2.131428	0.00	0.42
6/8/2010 20:00	2.151908	-0.02	0.40
6/8/2010 20:15	2.157553	-0.03	0.39
6/8/2010 20:30	2.192607	-0.06	0.36
6/8/2010 20:45	2.220848	-0.09	0.34
6/8/2010 21:00	2.234407	-0.10	0.33
6/8/2010 21:15	2.261196	-0.13	0.30
6/8/2010 21:30	2.269886	-0.14	0.30
6/8/2010 21:45	2.282731	-0.15	0.30
6/8/2010 22:00	2.30028	-0.17	0.28
6/8/2010 22:15	2.292604	-0.16	0.30
6/8/2010 22:30	2.291012	-0.16	0.29
6/8/2010 22:45	2.295169	-0.17	0.29
6/8/2010 23:00	2.278215	-0.15	0.30
6/8/2010 23:15	2.264298	-0.13	0.33
6/8/2010 23:30	2.244584	-0.11	0.34
6/8/2010 23:45	2.212984	-0.08	0.37
6/9/2010 0:00	2.178009	-0.05	0.40
6/9/2010 0:15	2.136673	-0.01	0.44
6/9/2010 0:30	2.085218	0.04	0.49
6/9/2010 0:45	2.037395	0.09	0.55
6/9/2010 1:00	1.989158	0.14	0.61
6/9/2010 1:15	1.936512	0.19	0.64
6/9/2010 1:30	1.885365	0.24	0.69
6/9/2010 1:45	1.823502	0.31	0.76
6/9/2010 2:00	1.74687	0.38	0.84
6/9/2010 2:15	1.678105	0.45	0.91
6/9/2010 2:30	1.610962	0.52	0.97
6/9/2010 2:45	1.554678	0.58	1.03
6/9/2010 3:00	1.498749	0.63	1.07
6/9/2010 3:15	1.432404	0.70	1.14
6/9/2010 3:30	1.371196	0.76	1.18
6/9/2010 3:45	1.308442	0.82	1.24
6/9/2010 4:00	1.246588	0.88	1.31
6/9/2010 4:15	1.192763	0.94	1.37
6/9/2010 4:30	1.143263	0.99	1.42
6/9/2010 4:45	1.106444	1.02	1.46
6/9/2010 5:00	1.081993	1.05	1.48
6/9/2010 5:15	1.057263	1.07	1.50
6/9/2010 5:30	1.033054	1.10	1.54
6/9/2010 5:45	1.003448	1.13	1.56
6/9/2010 6:00	0.978532	1.15	1.58
6/9/2010 6:15	0.963198	1.17	1.60
6/9/2010 6:30	0.959722	1.17	1.60
6/9/2010 6:45	0.963612	1.17	1.61
6/9/2010 7:00	0.970326	1.16	1.60
6/9/2010 7:15	0.984819	1.15	1.58

FMC-Gage (Parkside Marina)		
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)
6/8/2010 13:46	3.582023	-0.75
6/8/2010 14:01	3.550531	-0.72
6/8/2010 14:16	3.567186	-0.74
6/8/2010 14:31	3.579951	-0.75
6/8/2010 14:46	3.533928	-0.70
6/8/2010 15:01	3.496618	-0.67
6/8/2010 15:16	3.498986	-0.67
6/8/2010 15:31	3.503601	-0.67
6/8/2010 15:46	3.473882	-0.64
6/8/2010 16:01	3.444783	-0.61
6/8/2010 16:16	3.449853	-0.62
6/8/2010 16:31	3.43154	-0.60
6/8/2010 16:46	3.4547	-0.62
6/8/2010 17:01	3.488368	-0.66
6/8/2010 17:16	3.506887	-0.68
6/8/2010 17:31	3.524347	-0.69
6/8/2010 17:46	3.533796	-0.70
6/8/2010 18:01	3.588835	-0.76
6/8/2010 18:16	3.636087	-0.81
6/8/2010 18:31	3.65522	-0.83
6/8/2010 18:46	3.692288	-0.86
6/8/2010 19:01	3.788514	-0.96
6/8/2010 19:16	3.776857	-0.95
6/8/2010 19:31	3.773153	-0.94
6/8/2010 19:46	3.831995	-1.00
6/8/2010 20:01	3.834235	-1.00
6/8/2010 20:16	3.852255	-1.02
6/8/2010 20:31	3.937006	-1.11
6/8/2010 20:46	3.950094	-1.12
6/8/2010 21:01	3.981083	-1.15
6/8/2010 21:16	4.016737	-1.19
6/8/2010 21:31	3.998207	-1.17
6/8/2010 21:46	4.029363	-1.20
6/8/2010 22:01	4.044438	-1.21
6/8/2010 22:16	3.996874	-1.17
6/8/2010 22:31	4.018553	-1.19
6/8/2010 22:46	4.009434	-1.18
6/8/2010 23:01	3.955502	-1.13
6/8/2010 23:16	3.93232	-1.10
6/8/2010 23:31	3.884338	-1.05
6/8/2010 23:46	3.812362	-0.98
6/9/2010 0:01	3.757944	-0.93
6/9/2010 0:16	3.674031	-0.84
6/9/2010 0:31	3.574625	-0.74
6/9/2010 0:46	3.511398	-0.68
6/9/2010 1:01	3.428236	-0.60
6/9/2010 1:16	3.340972	-0.51
6/9/2010 1:31	3.268066	-0.44
6/9/2010 1:46	3.14355	-0.31
6/9/2010 2:01	3.022406	-0.19
6/9/2010 2:16	2.91893	-0.09
6/9/2010 2:31	2.825099	0.00
6/9/2010 2:46	2.759054	0.07
6/9/2010 3:01	2.667555	0.16
6/9/2010 3:16	2.565156	0.26
6/9/2010 3:31	2.482865	0.35
6/9/2010 3:46	2.385656	0.44
6/9/2010 4:01	2.296892	0.53
6/9/2010 4:16	2.228482	0.60
6/9/2010 4:31	2.167098	0.66
6/9/2010 4:46	2.145307	0.68
6/9/2010 5:01	2.130355	0.70
6/9/2010 5:16	2.102326	0.73
6/9/2010 5:31	2.075358	0.75
6/9/2010 5:46	2.027836	0.80
6/9/2010 6:01	2.010151	0.82
6/9/2010 6:16	2.010052	0.82
6/9/2010 6:31	2.025311	0.80
6/9/2010 6:46	2.046048	0.78

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
6/8/2010 9:00	30.165285	34.18
6/8/2010 9:15	30.172314	34.19
6/8/2010 9:30	30.176785	34.19
6/8/2010 9:45	30.17108	34.18
6/8/2010 10:00	30.171591	34.18
6/8/2010 10:15	30.170294	34.18
6/8/2010 10:30	30.167185	34.18
6/8/2010 10:45	30.166689	34.18
6/8/2010 11:00	30.158739	34.17
6/8/2010 11:15	30.163774	34.18
6/8/2010 11:30	30.160667	34.17
6/8/2010 11:45	30.155777	34.17
6/8/2010 12:00	30.145317	34.15
6/8/2010 12:15	30.150293	34.16
6/8/2010 12:30	30.148132	34.16
6/8/2010 12:45	30.144291	34.15
6/8/2010 13:00	30.141932	34.15
6/8/2010 13:15	30.139708	34.15
6/8/2010 13:30	30.132442	34.14
6/8/2010 13:45	30.138863	34.15
6/8/2010 14:00	30.137465	34.15
6/8/2010 14:15	30.136326	34.14
6/8/2010 14:30	30.131018	34.14
6/8/2010 14:45	30.132116	34.14
6/8/2010 15:00	30.131746	34.14
6/8/2010 15:15	30.136326	34.14
6/8/2010 15:30	30.133471	34.14
6/8/2010 15:45	30.129747	34.14
6/8/2010 16:00	30.131157	34.14
6/8/2010 16:15	30.136751	34.14
6/8/2010 16:30	30.140444	34.15
6/8/2010 16:45	30.136189	34.14
6/8/2010 17:00	30.13813	34.15
6/8/2010 17:15	30.132887	34.14
6/8/2010 17:30	30.129251	34.14
6/8/2010 17:45	30.130219	34.14
6/8/2010 18:00	30.124617	34.13
6/8/2010 18:15	30.129251	34.14
6/8/2010 18:30	30.133202	34.14
6/8/2010 18:45	30.132622	34.14
6/8/2010 19:00	30.134588	34.14
6/8/2010 19:15	30.140186	34.15
6/8/2010 19:30	30.14801	34.16
6/8/2010 19:45	30.146921	34.16
6/8/2010 20:00	30.150743	34.16
6/8/2010 20:15	30.15419	34.16
6/8/2010 20:30	30.153393	34.16
6/8/2010 20:45	30.158434	34.17
6/8/2010 21:00	30.157898	34.17
6/8/2010 21:15	30.162724	34.17
6/8/2010 21:30	30.16613	34.18
6/8/2010 21:45	30.172167	34.19
6/8/2010 22:00	30.180771	34.19
6/8/2010 22:15	30.181961	34.20
6/8/2010 22:30	30.18038	34.19
6/8/2010 22:45	30.182497	34.20
6/8/2010 23:00	30.18038	34.19
6/8/2010 23:15	30.184053	34.20
6/8/2010 23:30	30.17808	34.19
6/8/2010 23:45	30.176455	34.19
6/9/2010 0:00	30.18037	34.19
6/9/2010 0:15	30.173775	34.19
6/9/2010 0:30	30.177494	34.19
6/9/2010 0:45	30.183836	34.20
6/9/2010 1:00	30.190681	34.21
6/9/2010 1:15	30.18038	34.19
6/9/2010 1:30	30.176245	34.19
6/9/2010 1:45	30.178299	34.19
6/9/2010 2:00	30.182367	34.20

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/9/2010 7:30	1.000948	1.13	1.56
6/9/2010 7:45	1.015779	1.11	1.54
6/9/2010 8:00	1.03329	1.10	1.53
6/9/2010 8:15	1.047119	1.08	1.50
6/9/2010 8:30	1.068776	1.06	1.48
6/9/2010 8:45	1.098835	1.03	1.45
6/9/2010 9:00	1.137781	0.99	1.40
6/9/2010 9:15	1.180593	0.95	1.36
6/9/2010 9:30	1.222196	0.91	1.32
6/9/2010 9:45	1.251963	0.88	1.28
6/9/2010 10:00	1.275719	0.85	1.25
6/9/2010 10:15	1.289673	0.84	1.22
6/9/2010 10:30	1.315233	0.81	1.18
6/9/2010 10:45	1.335226	0.79	1.15
6/9/2010 11:00	1.34936	0.78	1.13
6/9/2010 11:15	1.367041	0.76	1.10
6/9/2010 11:30	1.370395	0.76	1.09
6/9/2010 11:45	1.362016	0.77	1.09
6/9/2010 12:00	1.343732	0.79	1.11
6/9/2010 12:15	1.319662	0.81	1.12
6/9/2010 12:30	1.279994	0.85	1.16
6/9/2010 12:45	1.262225	0.87	1.18
6/9/2010 13:00	1.257334	0.87	1.17
6/9/2010 13:15	1.216751	0.91	1.21
6/9/2010 13:30	1.168615	0.96	1.25
6/9/2010 13:45	1.135844	0.99	1.26
6/9/2010 14:00	1.08189	1.05	1.30
6/9/2010 14:15	1.053774	1.08	1.34
6/9/2010 14:30	1.042725	1.09	1.35
6/9/2010 14:45	1.035601	1.09	1.32
6/9/2010 15:00	1.015356	1.11	1.33
6/9/2010 15:15	0.955127	1.17	1.38
6/9/2010 15:30	0.877623	1.25	1.45
6/9/2010 15:45	0.788701	1.34	1.53
6/9/2010 16:00	0.723381	1.41	1.60
6/9/2010 16:15	0.688947	1.44	1.63
6/9/2010 16:30	0.668369	1.46	1.64
6/9/2010 16:45	0.642203	1.49	1.66
6/9/2010 17:00	0.628515	1.50	1.66
6/9/2010 17:15	0.629232	1.50	1.65
6/9/2010 17:30	0.600005	1.53	1.67
6/9/2010 17:45	0.576702	1.55	1.69
6/9/2010 18:00	0.54385	1.59	1.70
6/9/2010 18:15	0.523081	1.61	1.71
6/9/2010 18:30	0.534713	1.60	1.71
6/9/2010 18:45	0.55242	1.58	1.67
6/9/2010 19:00	0.57893	1.55	1.65
6/9/2010 19:15	0.589758	1.54	1.64
6/9/2010 19:30	0.603783	1.53	1.61
6/9/2010 19:45	0.619282	1.51	1.59
6/9/2010 20:00	0.6125	1.52	1.60
6/9/2010 20:15	0.624067	1.51	1.58
6/9/2010 20:30	0.63834	1.49	1.56
6/9/2010 20:45	0.657809	1.47	1.54
6/9/2010 21:00	0.687022	1.44	1.50
6/9/2010 21:15	0.70677	1.42	1.48
6/9/2010 21:30	0.711981	1.42	1.48
6/9/2010 21:45	0.714693	1.42	1.48
6/9/2010 22:00	0.732409	1.40	1.47
6/9/2010 22:15	0.767771	1.36	1.43
6/9/2010 22:30	0.80516	1.32	1.39
6/9/2010 22:45	0.837836	1.29	1.36
6/9/2010 23:00	0.854663	1.28	1.35
6/9/2010 23:15	0.8558	1.27	1.34
6/9/2010 23:30	0.864306	1.27	1.33
6/9/2010 23:45	0.878646	1.25	1.32
6/10/2010 0:00	0.891763	1.24	1.31
6/10/2010 0:15	0.910225	1.22	1.29
6/10/2010 0:30	0.913356	1.22	1.29

FMC-Gage (Parkside Marina)			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	
6/9/2010 7:01	2.077368	0.75	
6/9/2010 7:16	2.117953	0.71	
6/9/2010 7:31	2.147542	0.68	
6/9/2010 7:46	2.177614	0.65	
6/9/2010 8:01	2.20722	0.62	
6/9/2010 8:16	2.236995	0.59	
6/9/2010 8:31	2.28236	0.55	
6/9/2010 8:46	2.345855	0.48	
6/9/2010 9:01	2.423465	0.41	
6/9/2010 9:16	2.503393	0.33	
6/9/2010 9:31	2.55232	0.28	
6/9/2010 9:46	2.600567	0.23	
6/9/2010 10:01	2.613713	0.22	
6/9/2010 10:16	2.630028	0.20	
6/9/2010 10:31	2.677659	0.15	
6/9/2010 10:46	2.692915	0.14	
6/9/2010 11:01	2.715216	0.11	
6/9/2010 11:16	2.731865	0.10	
6/9/2010 11:31	2.720233	0.11	
6/9/2010 11:46	2.680144	0.15	
6/9/2010 12:01	2.644995	0.19	
6/9/2010 12:16	2.591617	0.24	
6/9/2010 12:31	2.51484	0.32	
6/9/2010 12:46	2.530433	0.30	
6/9/2010 13:01	2.531051	0.30	
6/9/2010 13:16	2.410733	0.42	
6/9/2010 13:31	2.348145	0.48	
6/9/2010 13:46	2.292091	0.54	
6/9/2010 14:01	2.190691	0.64	
6/9/2010 14:16	2.190838	0.64	
6/9/2010 14:31	2.199339	0.63	
6/9/2010 14:46	2.205085	0.62	
6/9/2010 15:01	2.135673	0.69	
6/9/2010 15:16	1.994931	0.84	
6/9/2010 15:31	1.832362	1.00	
6/9/2010 15:46	1.690188	1.14	
6/9/2010 16:01	1.619762	1.21	
6/9/2010 16:16	1.619377	1.21	
6/9/2010 16:31	1.610277	1.22	
6/9/2010 16:46	1.565037	1.26	
6/9/2010 17:01	1.594994	1.24	
6/9/2010 17:16	1.600212	1.23	
6/9/2010 17:31	1.525092	1.30	
6/9/2010 17:46	1.510144	1.32	
6/9/2010 18:01	1.440443	1.39	
6/9/2010 18:16	1.452206	1.38	
6/9/2010 18:31	1.505695	1.32	
6/9/2010 18:46	1.564633	1.27	
6/9/2010 19:01	1.616238	1.21	
6/9/2010 19:16	1.621248	1.21	
6/9/2010 19:31	1.662562	1.17	
6/9/2010 19:46	1.668647	1.16	
6/9/2010 20:01	1.647639	1.18	
6/9/2010 20:16	1.696038	1.13	
6/9/2010 20:31	1.714843	1.12	
6/9/2010 20:46	1.764294	1.07	
6/9/2010 21:01	1.818061	1.01	
6/9/2010 21:16	1.831212	1.00	
6/9/2010 21:31	1.822408	1.01	
6/9/2010 21:46	1.822819	1.01	
6/9/2010 22:01	1.88028	0.95	
6/9/2010 22:16	1.954968	0.88	
6/9/2010 22:31	2.019284	0.81	
6/9/2010 22:46	2.060568	0.77	
6/9/2010 23:01	2.058105	0.77	
6/9/2010 23:16	2.041516	0.79	
6/9/2010 23:31	2.060472	0.77	
6/9/2010 23:46	2.086049	0.74	
6/10/2010 0:01	2.109655	0.72	

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
6/9/2010 2:15	30.184669	34.20
6/9/2010 2:30	30.180693	34.19
6/9/2010 2:45	30.177322	34.19
6/9/2010 3:00	30.163876	34.18
6/9/2010 3:15	30.164232	34.18
6/9/2010 3:30	30.151026	34.16
6/9/2010 3:45	30.149107	34.16
6/9/2010 4:00	30.155485	34.17
6/9/2010 4:15	30.158833	34.17
6/9/2010 4:30	30.157612	34.17
6/9/2010 4:45	30.164816	34.18
6/9/2010 5:00	30.15683	34.17
6/9/2010 5:15	30.16082	34.17
6/9/2010 5:30	30.164928	34.18
6/9/2010 5:45	30.16242	34.17
6/9/2010 6:00	30.160772	34.17
6/9/2010 6:15	30.158234	34.17
6/9/2010 6:30	30.161217	34.17
6/9/2010 6:45	30.168823	34.18
6/9/2010 7:00	30.167032	34.18
6/9/2010 7:15	30.15951	34.17
6/9/2010 7:30	30.157785	34.17
6/9/2010 7:45	30.160189	34.17
6/9/2010 8:00	30.160831	34.17
6/9/2010 8:15	30.152514	34.16
6/9/2010 8:30	30.147846	34.16
6/9/2010 8:45	30.14823	34.16
6/9/2010 9:00	30.141745	34.15
6/9/2010 9:15	30.138741	34.15
6/9/2010 9:30	30.14012	34.15
6/9/2010 9:45	30.135216	34.14
6/9/2010 10:00	30.128796	34.14
6/9/2010 10:15	30.119471	34.13
6/9/2010 10:30	30.112461	34.12
6/9/2010 10:45	30.105797	34.11
6/9/2010 11:00	30.09918	34.10
6/9/2010 11:15	30.090885	34.09
6/9/2010 11:30	30.080132	34.08
6/9/2010 11:45	30.073641	34.07
6/9/2010 12:00	30.069813	34.07
6/9/2010 12:15	30.058924	34.06
6/9/2010 12:30	30.057858	34.06
6/9/2010 12:45	30.062853	34.06
6/9/2010 13:00	30.056181	34.05
6/9/2010 13:15	30.054028	34.05
6/9/2010 13:30	30.041	34.04
6/9/2010 13:45	30.026367	34.02
6/9/2010 14:00	30.013132	34.00
6/9/2010 14:15	30.015505	34.01
6/9/2010 14:30	30.017206	34.01
6/9/2010 14:45	29.993805	33.98
6/9/2010 15:00	29.98209	33.97
6/9/2010 15:15	29.97352	33.96
6/9/2010 15:30	29.968636	33.95
6/9/2010 15:45	29.959568	33.94
6/9/2010 16:00	29.959171	33.94
6/9/2010 16:15	29.955067	33.94
6/9/2010 16:30	29.943113	33.93
6/9/2010 16:45	29.938025	33.92
6/9/2010 17:00	29.930271	33.91
6/9/2010 17:15	29.919697	33.90
6/9/2010 17:30	29.907837	33.89
6/9/2010 17:45	29.910639	33.89
6/9/2010 18:00	29.894941	33.87
6/9/2010 18:15	29.884672	33.86
6/9/2010 18:30	29.892431	33.87
6/9/2010 18:45	29.88044	33.85
6/9/2010 19:00	29.884007	33.86
6/9/2010 19:15	29.882767	33.86

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/10/2010 0:45	0.89821	1.23	1.30
6/10/2010 1:00	0.886048	1.24	1.30
6/10/2010 1:15	0.863113	1.27	1.33
6/10/2010 1:30	0.844844	1.29	1.36
6/10/2010 1:45	0.832204	1.30	1.36
6/10/2010 2:00	0.810067	1.32	1.39
6/10/2010 2:15	0.789666	1.34	1.41
6/10/2010 2:30	0.758527	1.37	1.45
6/10/2010 2:45	0.731883	1.40	1.48
6/10/2010 3:00	0.702425	1.43	1.50
6/10/2010 3:15	0.667621	1.46	1.55
6/10/2010 3:30	0.636226	1.49	1.58
6/10/2010 3:45	0.592612	1.54	1.64
6/10/2010 4:00	0.563344	1.57	1.65
6/10/2010 4:15	0.543486	1.59	1.68
6/10/2010 4:30	0.517004	1.61	1.70
6/10/2010 4:45	0.491611	1.64	1.73
6/10/2010 5:00	0.477464	1.65	1.74
6/10/2010 5:15	0.467529	1.66	1.76
6/10/2010 5:30	0.451957	1.68	1.79
6/10/2010 5:45	0.452592	1.68	1.79
6/10/2010 6:00	0.447562	1.68	1.79
6/10/2010 6:15	0.448742	1.68	1.79
6/10/2010 6:30	0.468612	1.66	1.77
6/10/2010 6:45	0.49545	1.63	1.75
6/10/2010 7:00	0.528976	1.60	1.72
6/10/2010 7:15	0.554708	1.58	1.72
6/10/2010 7:30	0.580707	1.55	1.69
6/10/2010 7:45	0.606783	1.52	1.67
6/10/2010 8:00	0.649194	1.48	1.63
6/10/2010 8:15	0.696127	1.43	1.58
6/10/2010 8:30	0.747001	1.38	1.53
6/10/2010 8:45	0.791717	1.34	1.49
6/10/2010 9:00	0.826002	1.30	1.45
6/10/2010 9:15	0.862986	1.27	1.42
6/10/2010 9:30	0.905634	1.22	1.37
6/10/2010 9:45	0.953564	1.18	1.33
6/10/2010 10:00	1.011075	1.12	1.26
6/10/2010 10:15	1.071297	1.06	1.20
6/10/2010 10:30	1.131722	1.00	1.14
6/10/2010 10:45	1.188939	0.94	1.08
6/10/2010 11:00	1.240229	0.89	1.03
6/10/2010 11:15	1.29676	0.83	0.95
6/10/2010 11:30	1.354781	0.78	0.90
6/10/2010 11:45	1.415735	0.71	0.83
6/10/2010 12:00	1.480342	0.65	0.77
6/10/2010 12:15	1.537968	0.59	0.70
6/10/2010 12:30	1.596745	0.53	0.65
6/10/2010 12:45	1.652994	0.48	0.60
6/10/2010 13:00	1.694509	0.44	0.54
6/10/2010 13:15	1.727849	0.40	0.51
6/10/2010 13:30	1.765553	0.36	0.46
6/10/2010 13:45	1.790137	0.34	0.43
6/10/2010 14:00	1.806016	0.32	0.41
6/10/2010 14:15	1.827906	0.30	0.39
6/10/2010 14:30	1.848171	0.28	0.37
6/10/2010 14:45	1.851566	0.28	0.37
6/10/2010 15:00	1.853795	0.28	0.37
6/10/2010 15:15	1.856082	0.27	0.35
6/10/2010 15:30	1.840329	0.29	0.37
6/10/2010 15:45	1.816737	0.31	0.39
6/10/2010 16:00	1.791052	0.34	0.43
6/10/2010 16:15	1.769712	0.36	0.45
6/10/2010 16:30	1.756218	0.37	0.46
6/10/2010 16:45	1.748242	0.38	0.46
6/10/2010 17:00	1.742666	0.39	0.47
6/10/2010 17:15	1.737633	0.39	0.48
6/10/2010 17:30	1.736245	0.39	0.48
6/10/2010 17:45	1.73615	0.39	0.48

FMC-Gage (Parkside Marina)		
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)
6/10/2010 0:16	2.141827	0.69
6/10/2010 0:31	2.114254	0.72
6/10/2010 0:46	2.073122	0.76
6/10/2010 1:01	2.040159	0.79
6/10/2010 1:16	1.990232	0.84
6/10/2010 1:31	1.978609	0.85
6/10/2010 1:46	1.950752	0.88
6/10/2010 2:01	1.913453	0.92
6/10/2010 2:16	1.874177	0.96
6/10/2010 2:31	1.812625	1.02
6/10/2010 2:46	1.785551	1.04
6/10/2010 3:01	1.725535	1.10
6/10/2010 3:16	1.671982	1.16
6/10/2010 3:31	1.617664	1.21
6/10/2010 3:46	1.548079	1.28
6/10/2010 4:01	1.528492	1.30
6/10/2010 4:16	1.500974	1.33
6/10/2010 4:31	1.466353	1.36
6/10/2010 4:46	1.430547	1.40
6/10/2010 5:01	1.435037	1.39
6/10/2010 5:16	1.406781	1.42
6/10/2010 5:31	1.402962	1.43
6/10/2010 5:46	1.419236	1.41
6/10/2010 6:01	1.410829	1.42
6/10/2010 6:16	1.43323	1.40
6/10/2010 6:31	1.492016	1.34
6/10/2010 6:46	1.549974	1.28
6/10/2010 7:01	1.61268	1.22
6/10/2010 7:16	1.645763	1.18
6/10/2010 7:31	1.687646	1.14
6/10/2010 7:46	1.732585	1.10
6/10/2010 8:01	1.824138	1.01
6/10/2010 8:16	1.909875	0.92
6/10/2010 8:31	1.99377	0.84
6/10/2010 8:46	2.048079	0.78
6/10/2010 9:01	2.083802	0.75
6/10/2010 9:16	2.144189	0.69
6/10/2010 9:31	2.226982	0.60
6/10/2010 9:46	2.30002	0.53
6/10/2010 10:01	2.410707	0.42
6/10/2010 10:16	2.498349	0.33
6/10/2010 10:31	2.588379	0.24
6/10/2010 10:46	2.667625	0.16
6/10/2010 11:01	2.738932	0.09
6/10/2010 11:16	2.824662	0.01
6/10/2010 11:31	2.915303	-0.09
6/10/2010 11:46	3.004745	-0.17
6/10/2010 12:01	3.108317	-0.28
6/10/2010 12:16	3.186058	-0.36
6/10/2010 12:31	3.272202	-0.44
6/10/2010 12:46	3.340407	-0.51
6/10/2010 13:01	3.374395	-0.54
6/10/2010 13:16	3.413795	-0.58
6/10/2010 13:31	3.461973	-0.63
6/10/2010 13:46	3.467498	-0.64
6/10/2010 14:01	3.475741	-0.65
6/10/2010 14:16	3.511814	-0.68
6/10/2010 14:31	3.527168	-0.70
6/10/2010 14:46	3.493214	-0.66
6/10/2010 15:01	3.500992	-0.67
6/10/2010 15:16	3.48081	-0.65
6/10/2010 15:31	3.430392	-0.60
6/10/2010 15:46	3.366186	-0.54
6/10/2010 16:01	3.317416	-0.49
6/10/2010 16:16	3.289397	-0.46
6/10/2010 16:31	3.284981	-0.45
6/10/2010 16:46	3.263004	-0.43
6/10/2010 17:01	3.271791	-0.44
6/10/2010 17:16	3.256592	-0.43

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
6/9/2010 19:30	29.866089	33.84
6/9/2010 19:45	29.868914	33.84
6/9/2010 20:00	29.864573	33.84
6/9/2010 20:15	29.85894	33.83
6/9/2010 20:30	29.854631	33.83
6/9/2010 20:45	29.857487	33.83
6/9/2010 21:00	29.851776	33.82
6/9/2010 21:15	29.852324	33.82
6/9/2010 21:30	29.851233	33.82
6/9/2010 21:45	29.852654	33.82
6/9/2010 22:00	29.85585	33.83
6/9/2010 22:15	29.855644	33.83
6/9/2010 22:30	29.856285	33.83
6/9/2010 22:45	29.85548	33.83
6/9/2010 23:00	29.85548	33.83
6/9/2010 23:15	29.855331	33.83
6/9/2010 23:30	29.852957	33.82
6/9/2010 23:45	29.857153	33.83
6/10/2010 0:00	29.85548	33.83
6/10/2010 0:15	29.857487	33.83
6/10/2010 0:30	29.855532	33.83
6/10/2010 0:45	29.854874	33.83
6/10/2010 1:00	29.854076	33.82
6/10/2010 1:15	29.851873	33.82
6/10/2010 1:30	29.854624	33.83
6/10/2010 1:45	29.854158	33.82
6/10/2010 2:00	29.85585	33.83
6/10/2010 2:15	29.859818	33.83
6/10/2010 2:30	29.863625	33.84
6/10/2010 2:45	29.865156	33.84
6/10/2010 3:00	29.862219	33.83
6/10/2010 3:15	29.872568	33.85
6/10/2010 3:30	29.880524	33.85
6/10/2010 3:45	29.881422	33.86
6/10/2010 4:00	29.871056	33.84
6/10/2010 4:15	29.875242	33.85
6/10/2010 4:30	29.872053	33.85
6/10/2010 4:45	29.879309	33.85
6/10/2010 5:00	29.880835	33.85
6/10/2010 5:15	29.886717	33.86
6/10/2010 5:30	29.890886	33.87
6/10/2010 5:45	29.893509	33.87
6/10/2010 6:00	29.892179	33.87
6/10/2010 6:15	29.897421	33.87
6/10/2010 6:30	29.89831	33.87
6/10/2010 6:45	29.901312	33.88
6/10/2010 7:00	29.902092	33.88
6/10/2010 7:15	29.909813	33.89
6/10/2010 7:30	29.915205	33.89
6/10/2010 7:45	29.92123	33.90
6/10/2010 8:00	29.918856	33.90
6/10/2010 8:15	29.918171	33.90
6/10/2010 8:30	29.918701	33.90
6/10/2010 8:45	29.922739	33.90
6/10/2010 9:00	29.922188	33.90
6/10/2010 9:15	29.922688	33.90
6/10/2010 9:30	29.9224	33.90
6/10/2010 9:45	29.924047	33.90
6/10/2010 10:00	29.911613	33.89
6/10/2010 10:15	29.911877	33.89
6/10/2010 10:30	29.908428	33.89
6/10/2010 10:45	29.90958	33.89
6/10/2010 11:00	29.91387	33.89
6/10/2010 11:15	29.90369	33.88
6/10/2010 11:30	29.901724	33.88
6/10/2010 11:45	29.906654	33.88
6/10/2010 12:00	29.898748	33.88
6/10/2010 12:15	29.893902	33.87
6/10/2010 12:30	29.900633	33.88

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/10/2010 18:00	1.733302	0.40	0.49
6/10/2010 18:15	1.730535	0.40	0.49
6/10/2010 18:30	1.735132	0.39	0.48
6/10/2010 18:45	1.737857	0.39	0.49
6/10/2010 19:00	1.739873	0.39	0.50
6/10/2010 19:15	1.763212	0.37	0.48
6/10/2010 19:30	1.785658	0.34	0.46
6/10/2010 19:45	1.812202	0.32	0.46
6/10/2010 20:00	1.835016	0.29	0.43
6/10/2010 20:15	1.849648	0.28	0.42
6/10/2010 20:30	1.870072	0.26	0.41
6/10/2010 20:45	1.882789	0.25	0.41
6/10/2010 21:00	1.901673	0.23	0.40
6/10/2010 21:15	1.928454	0.20	0.38
6/10/2010 21:30	1.953543	0.18	0.37
6/10/2010 21:45	1.984302	0.15	0.35
6/10/2010 22:00	2.009498	0.12	0.33
6/10/2010 22:15	2.026914	0.10	0.32
6/10/2010 22:30	2.046167	0.08	0.31
6/10/2010 22:45	2.051856	0.08	0.32
6/10/2010 23:00	2.062492	0.07	0.31
6/10/2010 23:15	2.077212	0.05	0.29
6/10/2010 23:30	2.082411	0.05	0.29
6/10/2010 23:45	2.086702	0.04	0.28
6/11/2010 0:00	2.086805	0.04	0.29
6/11/2010 0:15	2.079412	0.05	0.31
6/11/2010 0:30	2.06615	0.06	0.32
6/11/2010 0:45	2.041584	0.09	0.37
6/11/2010 1:00	1.998671	0.13	0.40
6/11/2010 1:15	1.946631	0.18	0.46
6/11/2010 1:30	1.890212	0.24	0.52
6/11/2010 1:45	1.836836	0.29	0.57
6/11/2010 2:00	1.798775	0.33	0.62
6/11/2010 2:15	1.762883	0.37	0.67
6/11/2010 2:30	1.702194	0.43	0.73
6/11/2010 2:45	1.621291	0.51	0.82
6/11/2010 3:00	1.52995	0.60	0.91
6/11/2010 3:15	1.435249	0.69	1.00
6/11/2010 3:30	1.349631	0.78	1.10
6/11/2010 3:45	1.284719	0.85	1.17
6/11/2010 4:00	1.231974	0.90	1.22
6/11/2010 4:15	1.180261	0.95	1.27
6/11/2010 4:30	1.125387	1.00	1.33
6/11/2010 4:45	1.066705	1.06	1.39
6/11/2010 5:00	0.9933	1.14	1.47
6/11/2010 5:15	0.924481	1.21	1.56
6/11/2010 5:30	0.877021	1.25	1.61
6/11/2010 5:45	0.831863	1.30	1.66
6/11/2010 6:00	0.793993	1.34	1.71
6/11/2010 6:15	0.759592	1.37	1.75
6/11/2010 6:30	0.721026	1.41	1.81
6/11/2010 6:45	0.697198	1.43	1.83
6/11/2010 7:00	0.675318	1.45	1.86
6/11/2010 7:15	0.667294	1.46	1.87
6/11/2010 7:30	0.679903	1.45	1.87
6/11/2010 7:45	0.696928	1.43	1.86
6/11/2010 8:00	0.717352	1.41	1.84
6/11/2010 8:15	0.735728	1.39	1.82
6/11/2010 8:30	0.745544	1.38	1.82
6/11/2010 8:45	0.762567	1.37	1.82
6/11/2010 9:00	0.790994	1.34	1.80
6/11/2010 9:15	0.825021	1.30	1.77
6/11/2010 9:30	0.863389	1.27	1.74
6/11/2010 9:45	0.908285	1.22	1.69
6/11/2010 10:00	0.949243	1.18	1.65
6/11/2010 10:15	0.99077	1.14	1.60
6/11/2010 10:30	1.036708	1.09	1.55
6/11/2010 10:45	1.076683	1.05	1.52
6/11/2010 11:00	1.117566	1.01	1.49

FMC-Gage (Parkside Marina)		
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)
6/10/2010 17:31	3.262672	-0.43
6/10/2010 17:46	3.259941	-0.43
6/10/2010 18:01	3.261104	-0.43
6/10/2010 18:16	3.247564	-0.42
6/10/2010 18:31	3.266601	-0.44
6/10/2010 18:46	3.264505	-0.43
6/10/2010 19:01	3.272081	-0.44
6/10/2010 19:16	3.332701	-0.50
6/10/2010 19:31	3.366088	-0.54
6/10/2010 19:46	3.418185	-0.59
6/10/2010 20:01	3.443412	-0.61
6/10/2010 20:16	3.457914	-0.63
6/10/2010 20:31	3.491998	-0.66
6/10/2010 20:46	3.500292	-0.67
6/10/2010 21:01	3.535544	-0.71
6/10/2010 21:16	3.583613	-0.75
6/10/2010 21:31	3.618779	-0.79
6/10/2010 21:46	3.673334	-0.84
6/10/2010 22:01	3.693338	-0.86
6/10/2010 22:16	3.716189	-0.89
6/10/2010 22:31	3.740318	-0.91
6/10/2010 22:46	3.729229	-0.90
6/10/2010 23:01	3.744324	-0.91
6/10/2010 23:16	3.763982	-0.93
6/10/2010 23:31	3.754832	-0.92
6/10/2010 23:46	3.761042	-0.93
6/11/2010 0:01	3.748362	-0.92
6/11/2010 0:16	3.713727	-0.88
6/11/2010 0:31	3.68537	-0.86
6/11/2010 0:46	3.616407	-0.79
6/11/2010 1:01	3.516284	-0.69
6/11/2010 1:16	3.417245	-0.59
6/11/2010 1:31	3.320446	-0.49
6/11/2010 1:46	3.243254	-0.41
6/11/2010 2:01	3.20897	-0.38
6/11/2010 2:16	3.142096	-0.31
6/11/2010 2:31	3.014834	-0.18
6/11/2010 2:46	2.85579	-0.03
6/11/2010 3:01	2.695557	0.13
6/11/2010 3:16	2.547618	0.28
6/11/2010 3:31	2.436635	0.39
6/11/2010 3:46	2.369997	0.46
6/11/2010 4:01	2.312479	0.52
6/11/2010 4:16	2.23877	0.59
6/11/2010 4:31	2.165281	0.66
6/11/2010 4:46	2.067992	0.76
6/11/2010 5:01	1.935934	0.89
6/11/2010 5:16	1.852925	0.98
6/11/2010 5:31	1.810227	1.02
6/11/2010 5:46	1.75311	1.08
6/11/2010 6:01	1.722463	1.11
6/11/2010 6:16	1.67326	1.16
6/11/2010 6:31	1.627449	1.20
6/11/2010 6:46	1.614897	1.22
6/11/2010 7:01	1.595063	1.23
6/11/2010 7:16	1.624216	1.21
6/11/2010 7:31	1.674663	1.16
6/11/2010 7:46	1.715048	1.11
6/11/2010 8:01	1.771258	1.06
6/11/2010 8:16	1.788476	1.04
6/11/2010 8:31	1.804547	1.03
6/11/2010 8:46	1.843092	0.99
6/11/2010 9:01	1.907375	0.92
6/11/2010 9:16	1.965524	0.86
6/11/2010 9:31	2.044721	0.79
6/11/2010 9:46	2.120592	0.71
6/11/2010 10:01	2.183774	0.65
6/11/2010 10:16	2.259333	0.57
6/11/2010 10:31	2.329926	0.50

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
6/10/2010 12:45	29.900364	33.88
6/10/2010 13:00	29.887295	33.86
6/10/2010 13:15	29.892258	33.87
6/10/2010 13:30	29.887695	33.86
6/10/2010 13:45	29.874226	33.85
6/10/2010 14:00	29.878624	33.85
6/10/2010 14:15	29.879007	33.85
6/10/2010 14:30	29.876434	33.85
6/10/2010 14:45	29.880375	33.85
6/10/2010 15:00	29.878477	33.85
6/10/2010 15:15	29.8717	33.84
6/10/2010 15:30	29.870888	33.84
6/10/2010 15:45	29.871424	33.84
6/10/2010 16:00	29.87261	33.85
6/10/2010 16:15	29.876486	33.85
6/10/2010 16:30	29.873161	33.85
6/10/2010 16:45	29.870775	33.84
6/10/2010 17:00	29.869736	33.84
6/10/2010 17:15	29.873428	33.85
6/10/2010 17:30	29.875212	33.85
6/10/2010 17:45	29.879665	33.85
6/10/2010 18:00	29.876299	33.85
6/10/2010 18:15	29.875904	33.85
6/10/2010 18:30	29.878477	33.85
6/10/2010 18:45	29.885138	33.86
6/10/2010 19:00	29.893684	33.87
6/10/2010 19:15	29.893684	33.87
6/10/2010 19:30	29.901285	33.88
6/10/2010 19:45	29.90962	33.89
6/10/2010 20:00	29.914263	33.89
6/10/2010 20:15	29.914761	33.89
6/10/2010 20:30	29.923494	33.90
6/10/2010 20:45	29.931271	33.91
6/10/2010 21:00	29.938566	33.92
6/10/2010 21:15	29.947298	33.93
6/10/2010 21:30	29.957235	33.94
6/10/2010 21:45	29.966589	33.95
6/10/2010 22:00	29.977934	33.96
6/10/2010 22:15	29.981192	33.97
6/10/2010 22:30	29.992872	33.98
6/10/2010 22:45	29.9965	33.99
6/10/2010 23:00	29.998423	33.99
6/10/2010 23:15	30.004215	33.99
6/10/2010 23:30	30.000811	33.99
6/10/2010 23:45	30.002172	33.99
6/11/2010 0:00	30.009073	34.00
6/11/2010 0:15	30.016766	34.01
6/11/2010 0:30	30.017494	34.01
6/11/2010 0:45	30.03129	34.03
6/11/2010 1:00	30.026037	34.02
6/11/2010 1:15	30.032946	34.03
6/11/2010 1:30	30.03668	34.03
6/11/2010 1:45	30.039259	34.03
6/11/2010 2:00	30.043978	34.04
6/11/2010 2:15	30.05295	34.05
6/11/2010 2:30	30.052364	34.05
6/11/2010 2:45	30.059362	34.06
6/11/2010 3:00	30.059679	34.06
6/11/2010 3:15	30.063904	34.06
6/11/2010 3:30	30.067816	34.07
6/11/2010 3:45	30.070425	34.07
6/11/2010 4:00	30.074854	34.07
6/11/2010 4:15	30.072943	34.07
6/11/2010 4:30	30.083355	34.08
6/11/2010 4:45	30.075809	34.08
6/11/2010 5:00	30.076729	34.08
6/11/2010 5:15	30.094339	34.10
6/11/2010 5:30	30.10288	34.11
6/11/2010 5:45	30.105457	34.11

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/11/2010 11:15	1.166315	0.96	1.44
6/11/2010 11:30	1.220394	0.91	1.39
6/11/2010 11:45	1.270612	0.86	1.34
6/11/2010 12:00	1.320266	0.81	1.28
6/11/2010 12:15	1.365118	0.76	1.22
6/11/2010 12:30	1.410053	0.72	1.19
6/11/2010 12:45	1.45234	0.68	1.15
6/11/2010 13:00	1.496022	0.63	1.10
6/11/2010 13:15	1.542738	0.59	1.05
6/11/2010 13:30	1.584212	0.55	1.01
6/11/2010 13:45	1.617872	0.51	0.97
6/11/2010 14:00	1.649502	0.48	0.94
6/11/2010 14:15	1.668184	0.46	0.92
6/11/2010 14:30	1.675264	0.45	0.91
6/11/2010 14:45	1.6753	0.45	0.91
6/11/2010 15:00	1.666547	0.46	0.93
6/11/2010 15:15	1.651688	0.48	0.93
6/11/2010 15:30	1.627705	0.50	0.94
6/11/2010 15:45	1.602764	0.53	0.96
6/11/2010 16:00	1.582792	0.55	0.97
6/11/2010 16:15	1.551408	0.58	1.00
6/11/2010 16:30	1.521447	0.61	1.04
6/11/2010 16:45	1.48888	0.64	1.07
6/11/2010 17:00	1.445768	0.68	1.11
6/11/2010 17:15	1.395589	0.73	1.15
6/11/2010 17:30	1.346354	0.78	1.20
6/11/2010 17:45	1.29753	0.83	1.25
6/11/2010 18:00	1.266066	0.86	1.28
6/11/2010 18:15	1.24342	0.89	1.31
6/11/2010 18:30	1.226244	0.90	1.32
6/11/2010 18:45	1.210091	0.92	1.34
6/11/2010 19:00	1.187601	0.94	1.36
6/11/2010 19:15	1.173102	0.96	1.39
6/11/2010 19:30	1.164419	0.97	1.40
6/11/2010 19:45	1.158653	0.97	1.40
6/11/2010 20:00	1.168533	0.96	1.40
6/11/2010 20:15	1.180455	0.95	1.38
6/11/2010 20:30	1.206486	0.92	1.36
6/11/2010 20:45	1.239028	0.89	1.33
6/11/2010 21:00	1.264348	0.87	1.31
6/11/2010 21:15	1.299124	0.83	1.27
6/11/2010 21:30	1.323634	0.81	1.25
6/11/2010 21:45	1.353905	0.78	1.24
6/11/2010 22:00	1.391643	0.74	1.20
6/11/2010 22:15	1.42095	0.71	1.17
6/11/2010 22:30	1.449725	0.68	1.14
6/11/2010 22:45	1.469463	0.66	1.12
6/11/2010 23:00	1.493302	0.64	1.10
6/11/2010 23:15	1.515309	0.61	1.06
6/11/2010 23:30	1.536842	0.59	1.05
6/11/2010 23:45	1.561844	0.57	1.02
6/12/2010 0:00	1.580888	0.55	1.00
6/12/2010 0:15	1.599224	0.53	0.98
6/12/2010 0:30	1.620069	0.51	0.95
6/12/2010 0:45	1.637466	0.49	0.93
6/12/2010 1:00	1.643543	0.49	0.93
6/12/2010 1:15	1.628914	0.50	0.94
6/12/2010 1:30	1.594793	0.54	0.98
6/12/2010 1:45	1.562165	0.57	1.01
6/12/2010 2:00	1.525555	0.60	1.04
6/12/2010 2:15	1.499821	0.63	1.06
6/12/2010 2:30	1.474546	0.66	1.09
6/12/2010 2:45	1.44023	0.69	1.11
6/12/2010 3:00	1.391905	0.74	1.16
6/12/2010 3:15	1.332007	0.80	1.24
6/12/2010 3:30	1.260336	0.87	1.29
6/12/2010 3:45	1.190417	0.94	1.37
6/12/2010 4:00	1.121495	1.01	1.44
6/12/2010 4:15	1.052773	1.08	1.50

FMC-Gage (Parkside Marina)		
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)
6/11/2010 10:46	2.380603	0.45
6/11/2010 11:01	2.452921	0.38
6/11/2010 11:16	2.531794	0.30
6/11/2010 11:31	2.616344	0.21
6/11/2010 11:46	2.693548	0.14
6/11/2010 12:01	2.768988	0.06
6/11/2010 12:16	2.82748	0.00
6/11/2010 12:31	2.889923	-0.06
6/11/2010 12:46	2.952305	-0.12
6/11/2010 13:01	3.012928	-0.18
6/11/2010 13:16	3.086855	-0.26
6/11/2010 13:31	3.141493	-0.31
6/11/2010 13:46	3.179881	-0.35
6/11/2010 14:01	3.204632	-0.37
6/11/2010 14:16	3.213371	-0.38
6/11/2010 14:31	3.203449	-0.37
6/11/2010 14:46	3.170658	-0.34
6/11/2010 15:01	3.135769	-0.31
6/11/2010 15:16	3.099555	-0.27
6/11/2010 15:31	3.047196	-0.22
6/11/2010 15:46	3.012216	-0.18
6/11/2010 16:01	2.976764	-0.15
6/11/2010 16:16	2.906453	-0.08
6/11/2010 16:31	2.848686	-0.02
6/11/2010 16:46	2.793008	0.04
6/11/2010 17:01	2.708901	0.12
6/11/2010 17:16	2.637058	0.19
6/11/2010 17:31	2.550542	0.28
6/11/2010 17:46	2.48171	0.35
6/11/2010 18:01	2.466395	0.36
6/11/2010 18:16	2.44064	0.39
6/11/2010 18:31	2.430845	0.40
6/11/2010 18:46	2.407811	0.42
6/11/2010 19:01	2.3715	0.46
6/11/2010 19:16	2.37134	0.46
6/11/2010 19:31	2.35711	0.47
6/11/2010 19:46	2.362243	0.47
6/11/2010 20:01	2.405762	0.42
6/11/2010 20:16	2.437371	0.39
6/11/2010 20:31	2.505337	0.32
6/11/2010 20:46	2.556839	0.27
6/11/2010 21:01	2.601986	0.23
6/11/2010 21:16	2.666575	0.16
6/11/2010 21:31	2.683671	0.15
6/11/2010 21:46	2.745509	0.08
6/11/2010 22:01	2.811146	0.02
6/11/2010 22:16	2.847479	-0.02
6/11/2010 22:31	2.880426	-0.05
6/11/2010 22:46	2.897557	-0.07
6/11/2010 23:01	2.941139	-0.11
6/11/2010 23:16	2.966667	-0.14
6/11/2010 23:31	2.997782	-0.17
6/11/2010 23:46	3.045738	-0.22
6/12/2010 0:01	3.061931	-0.23
6/12/2010 0:16	3.088522	-0.26
6/12/2010 0:31	3.120733	-0.29
6/12/2010 0:46	3.132012	-0.30
6/12/2010 1:01	3.119018	-0.29
6/12/2010 1:16	3.050215	-0.22
6/12/2010 1:31	2.977245	-0.15
6/12/2010 1:46	2.915062	-0.09
6/12/2010 2:01	2.854002	-0.02
6/12/2010 2:16	2.827381	0.00
6/12/2010 2:31	2.785571	0.04
6/12/2010 2:46	2.718155	0.11
6/12/2010 3:01	2.625013	0.20
6/12/2010 3:16	2.498406	0.33
6/12/2010 3:31	2.374837	0.46
6/12/2010 3:46	2.26932	0.56

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
6/11/2010 6:00	30.114202	34.12
6/11/2010 6:15	30.12611	34.13
6/11/2010 6:30	30.127989	34.14
6/11/2010 6:45	30.129705	34.14
6/11/2010 7:00	30.13969	34.15
6/11/2010 7:15	30.139381	34.15
6/11/2010 7:30	30.149118	34.16
6/11/2010 7:45	30.155903	34.17
6/11/2010 8:00	30.158808	34.17
6/11/2010 8:15	30.162067	34.17
6/11/2010 8:30	30.170887	34.18
6/11/2010 8:45	30.179317	34.19
6/11/2010 9:00	30.187592	34.20
6/11/2010 9:15	30.193329	34.21
6/11/2010 9:30	30.19809	34.21
6/11/2010 9:45	30.198484	34.21
6/11/2010 10:00	30.197596	34.21
6/11/2010 10:15	30.185881	34.20
6/11/2010 10:30	30.185488	34.20
6/11/2010 10:45	30.195957	34.21
6/11/2010 11:00	30.199501	34.22
6/11/2010 11:15	30.198656	34.22
6/11/2010 11:30	30.206137	34.22
6/11/2010 11:45	30.198868	34.22
6/11/2010 12:00	30.195507	34.21
6/11/2010 12:15	30.188234	34.20
6/11/2010 12:30	30.193501	34.21
6/11/2010 12:45	30.193329	34.21
6/11/2010 13:00	30.19359	34.21
6/11/2010 13:15	30.186897	34.20
6/11/2010 13:30	30.184175	34.20
6/11/2010 13:45	30.185488	34.20
6/11/2010 14:00	30.185829	34.20
6/11/2010 14:15	30.187798	34.20
6/11/2010 14:30	30.18465	34.20
6/11/2010 14:45	30.188234	34.20
6/11/2010 15:00	30.191818	34.21
6/11/2010 15:15	30.174847	34.19
6/11/2010 15:30	30.168184	34.18
6/11/2010 15:45	30.158518	34.17
6/11/2010 16:00	30.149521	34.16
6/11/2010 16:15	30.149925	34.16
6/11/2010 16:30	30.155258	34.17
6/11/2010 16:45	30.157934	34.17
6/11/2010 17:00	30.155293	34.17
6/11/2010 17:15	30.152395	34.16
6/11/2010 17:30	30.149273	34.16
6/11/2010 17:45	30.149179	34.16
6/11/2010 18:00	30.149405	34.16
6/11/2010 18:15	30.14588	34.16
6/11/2010 18:30	30.149609	34.16
6/11/2010 18:45	30.150618	34.16
6/11/2010 19:00	30.153496	34.16
6/11/2010 19:15	30.15682	34.17
6/11/2010 19:30	30.160671	34.17
6/11/2010 19:45	30.161577	34.17
6/11/2010 20:00	30.16452	34.18
6/11/2010 20:15	30.161936	34.17
6/11/2010 20:30	30.167358	34.18
6/11/2010 20:45	30.169264	34.18
6/11/2010 21:00	30.165108	34.18
6/11/2010 21:15	30.166973	34.18
6/11/2010 21:30	30.171471	34.18
6/11/2010 21:45	30.181179	34.20
6/11/2010 22:00	30.185993	34.20
6/11/2010 22:15	30.185881	34.20
6/11/2010 22:30	30.185993	34.20
6/11/2010 22:45	30.18568	34.20
6/11/2010 23:00	30.183115	34.20

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/12/2010 4:30	0.99122	1.14	1.57
6/12/2010 4:45	0.923242	1.21	1.63
6/12/2010 5:00	0.856407	1.27	1.69
6/12/2010 5:15	0.788915	1.34	1.77
6/12/2010 5:30	0.732972	1.40	1.83
6/12/2010 5:45	0.677888	1.45	1.88
6/12/2010 6:00	0.614476	1.52	1.96
6/12/2010 6:15	0.566142	1.56	2.00
6/12/2010 6:30	0.507393	1.62	2.05
6/12/2010 6:45	0.466938	1.66	2.09
6/12/2010 7:00	0.428992	1.70	2.13
6/12/2010 7:15	0.399352	1.73	2.16
6/12/2010 7:30	0.376054	1.75	2.18
6/12/2010 7:45	0.357692	1.77	2.20
6/12/2010 8:00	0.353418	1.78	2.22
6/12/2010 8:15	0.348143	1.78	2.21
6/12/2010 8:30	0.354501	1.78	2.20
6/12/2010 8:45	0.36721	1.76	2.18
6/12/2010 9:00	0.383396	1.75	2.18
6/12/2010 9:15	0.411047	1.72	2.15
6/12/2010 9:30	0.439358	1.69	2.12
6/12/2010 9:45	0.464815	1.67	2.09
6/12/2010 10:00	0.48724	1.64	2.06
6/12/2010 10:15	0.509777	1.62	2.03
6/12/2010 10:30	0.539714	1.59	2.00
6/12/2010 10:45	0.583748	1.55	1.95
6/12/2010 11:00	0.632219	1.50	1.90
6/12/2010 11:15	0.680753	1.45	1.85
6/12/2010 11:30	0.727343	1.40	1.80
6/12/2010 11:45	0.765124	1.36	1.74
6/12/2010 12:00	0.808832	1.32	1.69
6/12/2010 12:15	0.853535	1.28	1.65
6/12/2010 12:30	0.899531	1.23	1.59
6/12/2010 12:45	0.943853	1.19	1.54
6/12/2010 13:00	0.993132	1.14	1.48
6/12/2010 13:15	1.034207	1.10	1.42
6/12/2010 13:30	1.076449	1.05	1.37
6/12/2010 13:45	1.111652	1.02	1.34
6/12/2010 14:00	1.147612	0.98	1.29
6/12/2010 14:15	1.18376	0.95	1.25
6/12/2010 14:30	1.213682	0.92	1.22
6/12/2010 14:45	1.230654	0.90	1.18
6/12/2010 15:00	1.232415	0.90	1.18
6/12/2010 15:15	1.222957	0.91	1.19
6/12/2010 15:30	1.205076	0.92	1.19
6/12/2010 15:45	1.187778	0.94	1.20
6/12/2010 16:00	1.16477	0.97	1.22
6/12/2010 16:15	1.144564	0.99	1.24
6/12/2010 16:30	1.115397	1.01	1.25
6/12/2010 16:45	1.087343	1.04	1.28
6/12/2010 17:00	1.049032	1.08	1.32
6/12/2010 17:15	0.996553	1.13	1.37
6/12/2010 17:30	0.951216	1.18	1.41
6/12/2010 17:45	0.896155	1.23	1.45
6/12/2010 18:00	0.846969	1.28	1.50
6/12/2010 18:15	0.80864	1.32	1.53
6/12/2010 18:30	0.77597	1.35	1.56
6/12/2010 18:45	0.743939	1.39	1.60
6/12/2010 19:00	0.712559	1.42	1.63
6/12/2010 19:15	0.687066	1.44	1.65
6/12/2010 19:30	0.663925	1.47	1.69
6/12/2010 19:45	0.646005	1.48	1.68
6/12/2010 20:00	0.630636	1.50	1.70
6/12/2010 20:15	0.620567	1.51	1.71
6/12/2010 20:30	0.605777	1.52	1.71
6/12/2010 20:45	0.589668	1.54	1.73
6/12/2010 21:00	0.604518	1.53	1.72
6/12/2010 21:15	0.643765	1.49	1.68
6/12/2010 21:30	0.702761	1.43	1.62

FMC-Gage (Parkside Marina)		
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)
6/12/2010 4:01	2.169426	0.66
6/12/2010 4:16	2.066833	0.76
6/12/2010 4:31	1.977477	0.85
6/12/2010 4:46	1.879222	0.95
6/12/2010 5:01	1.77542	1.05
6/12/2010 5:16	1.676671	1.15
6/12/2010 5:31	1.618676	1.21
6/12/2010 5:46	1.523943	1.31
6/12/2010 6:01	1.447797	1.38
6/12/2010 6:16	1.383373	1.45
6/12/2010 6:31	1.295972	1.53
6/12/2010 6:46	1.266857	1.56
6/12/2010 7:01	1.223094	1.61
6/12/2010 7:16	1.201172	1.63
6/12/2010 7:31	1.18292	1.65
6/12/2010 7:46	1.179714	1.65
6/12/2010 8:01	1.189769	1.64
6/12/2010 8:16	1.195157	1.63
6/12/2010 8:31	1.241036	1.59
6/12/2010 8:46	1.266981	1.56
6/12/2010 9:01	1.312154	1.52
6/12/2010 9:16	1.372998	1.46
6/12/2010 9:31	1.424227	1.41
6/12/2010 9:46	1.460856	1.37
6/12/2010 10:01	1.497571	1.33
6/12/2010 10:16	1.535598	1.29
6/12/2010 10:31	1.600864	1.23
6/12/2010 10:46	1.68889	1.14
6/12/2010 11:01	1.770046	1.06
6/12/2010 11:16	1.852434	0.98
6/12/2010 11:31	1.926759	0.90
6/12/2010 11:46	1.966847	0.86
6/12/2010 12:01	2.038717	0.79
6/12/2010 12:16	2.111372	0.72
6/12/2010 12:31	2.185393	0.64
6/12/2010 12:46	2.25934	0.57
6/12/2010 13:01	2.324557	0.51
6/12/2010 13:16	2.387337	0.44
6/12/2010 13:31	2.440682	0.39
6/12/2010 13:46	2.484271	0.35
6/12/2010 14:01	2.540109	0.29
6/12/2010 14:16	2.582597	0.25
6/12/2010 14:31	2.610325	0.22
6/12/2010 14:46	2.609701	0.22
6/12/2010 15:01	2.588738	0.24
6/12/2010 15:16	2.544827	0.29
6/12/2010 15:31	2.500782	0.33
6/12/2010 15:46	2.464718	0.37
6/12/2010 16:01	2.41151	0.42
6/12/2010 16:16	2.386969	0.44
6/12/2010 16:31	2.328053	0.50
6/12/2010 16:46	2.278589	0.55
6/12/2010 17:01	2.193627	0.64
6/12/2010 17:16	2.102058	0.73
6/12/2010 17:31	2.026558	0.80
6/12/2010 17:46	1.933766	0.90
6/12/2010 18:01	1.877551	0.95
6/12/2010 18:16	1.832132	1.00
6/12/2010 18:31	1.789352	1.04
6/12/2010 18:46	1.747179	1.08
6/12/2010 19:01	1.706799	1.12
6/12/2010 19:16	1.684961	1.15
6/12/2010 19:31	1.656407	1.17
6/12/2010 19:46	1.643935	1.19
6/12/2010 20:01	1.627264	1.20
6/12/2010 20:16	1.621856	1.21
6/12/2010 20:31	1.589868	1.24
6/12/2010 20:46	1.582138	1.25
6/12/2010 21:01	1.657969	1.17

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
6/11/2010 23:15	30.179684	34.19
6/11/2010 23:30	30.184374	34.20
6/11/2010 23:45	30.18008	34.19
6/12/2010 0:00	30.175673	34.19
6/12/2010 0:15	30.176241	34.19
6/12/2010 0:30	30.169781	34.18
6/12/2010 0:45	30.168953	34.18
6/12/2010 1:00	30.171101	34.18
6/12/2010 1:15	30.170887	34.18
6/12/2010 1:30	30.170748	34.18
6/12/2010 1:45	30.171	34.18
6/12/2010 2:00	30.170355	34.18
6/12/2010 2:15	30.1626	34.17
6/12/2010 2:30	30.156595	34.17
6/12/2010 2:45	30.151037	34.16
6/12/2010 3:00	30.146589	34.16
6/12/2010 3:15	30.164709	34.18
6/12/2010 3:30	30.15407	34.16
6/12/2010 3:45	30.15509	34.17
6/12/2010 4:00	30.156317	34.17
6/12/2010 4:15	30.150715	34.16
6/12/2010 4:30	30.160192	34.17
6/12/2010 4:45	30.151932	34.16
6/12/2010 5:00	30.146408	34.16
6/12/2010 5:15	30.159502	34.17
6/12/2010 5:30	30.159843	34.17
6/12/2010 5:45	30.162416	34.17
6/12/2010 6:00	30.165428	34.18
6/12/2010 6:15	30.166225	34.18
6/12/2010 6:30	30.162868	34.17
6/12/2010 6:45	30.157953	34.17
6/12/2010 7:00	30.160927	34.17
6/12/2010 7:15	30.162497	34.17
6/12/2010 7:30	30.154812	34.17
6/12/2010 7:45	30.159313	34.17
6/12/2010 8:00	30.166622	34.18
6/12/2010 8:15	30.158693	34.17
6/12/2010 8:30	30.152018	34.16
6/12/2010 8:45	30.148384	34.16
6/12/2010 9:00	30.155289	34.17
6/12/2010 9:15	30.158094	34.17
6/12/2010 9:30	30.15571	34.17
6/12/2010 9:45	30.150293	34.16
6/12/2010 10:00	30.148182	34.16
6/12/2010 10:15	30.143284	34.15
6/12/2010 10:30	30.139883	34.15
6/12/2010 10:45	30.133942	34.14
6/12/2010 11:00	30.133314	34.14
6/12/2010 11:15	30.133419	34.14
6/12/2010 11:30	30.130785	34.14
6/12/2010 11:45	30.124052	34.13
6/12/2010 12:00	30.115469	34.12
6/12/2010 12:15	30.110405	34.12
6/12/2010 12:30	30.103905	34.11
6/12/2010 12:45	30.098248	34.10
6/12/2010 13:00	30.08703	34.09
6/12/2010 13:15	30.07468	34.07
6/12/2010 13:30	30.072523	34.07
6/12/2010 13:45	30.069448	34.07
6/12/2010 14:00	30.065947	34.06
6/12/2010 14:15	30.05562	34.05
6/12/2010 14:30	30.048761	34.05
6/12/2010 14:45	30.039679	34.03
6/12/2010 15:00	30.037043	34.03
6/12/2010 15:15	30.033014	34.03
6/12/2010 15:30	30.024616	34.02
6/12/2010 15:45	30.015312	34.01
6/12/2010 16:00	30.009779	34.00
6/12/2010 16:15	30.005144	34.00

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/12/2010 21:45	0.768883	1.36	1.55
6/12/2010 22:00	0.810582	1.32	1.51
6/12/2010 22:15	0.82866	1.30	1.50
6/12/2010 22:30	0.844013	1.29	1.48
6/12/2010 22:45	0.852462	1.28	1.46
6/12/2010 23:00	0.892702	1.24	1.42
6/12/2010 23:15	0.95799	1.17	1.35
6/12/2010 23:30	1.033265	1.10	1.29
6/12/2010 23:45	1.094478	1.04	1.22
6/13/2010 0:00	1.133153	1.00	1.17
6/13/2010 0:15	1.160661	0.97	1.14
6/13/2010 0:30	1.180988	0.95	1.13
6/13/2010 0:45	1.203935	0.93	1.10
6/13/2010 1:00	1.244292	0.89	1.06
6/13/2010 1:15	1.291797	0.84	1.01
6/13/2010 1:30	1.330542	0.80	0.96
6/13/2010 1:45	1.368519	0.76	0.92
6/13/2010 2:00	1.394857	0.74	0.91
6/13/2010 2:15	1.403376	0.73	0.89
6/13/2010 2:30	1.406475	0.72	0.89
6/13/2010 2:45	1.416603	0.71	0.87
6/13/2010 3:00	1.412849	0.72	0.88
6/13/2010 3:15	1.393759	0.74	0.90
6/13/2010 3:30	1.367831	0.76	0.90
6/13/2010 3:45	1.321434	0.81	0.96
6/13/2010 4:00	1.273928	0.86	0.98
6/13/2010 4:15	1.237606	0.89	1.01
6/13/2010 4:30	1.202336	0.93	1.07
6/13/2010 4:45	1.165788	0.96	1.10
6/13/2010 5:00	1.111803	1.02	1.16
6/13/2010 5:15	1.050207	1.08	1.22
6/13/2010 5:30	0.98187	1.15	1.29
6/13/2010 5:45	0.916769	1.21	1.36
6/13/2010 6:00	0.861753	1.27	1.42
6/13/2010 6:15	0.808205	1.32	1.48
6/13/2010 6:30	0.758153	1.37	1.53
6/13/2010 6:45	0.709802	1.42	1.57
6/13/2010 7:00	0.654894	1.48	1.63
6/13/2010 7:15	0.604997	1.53	1.68
6/13/2010 7:30	0.559251	1.57	1.71
6/13/2010 7:45	0.532714	1.60	1.72
6/13/2010 8:00	0.513486	1.62	1.74
6/13/2010 8:15	0.497422	1.63	1.75
6/13/2010 8:30	0.488165	1.64	1.76
6/13/2010 8:45	0.486608	1.64	1.75
6/13/2010 9:00	0.484296	1.65	1.77
6/13/2010 9:15	0.500261	1.63	1.75
6/13/2010 9:30	0.524474	1.61	1.73
6/13/2010 9:45	0.549497	1.58	1.70
6/13/2010 10:00	0.585675	1.54	1.66
6/13/2010 10:15	0.629255	1.50	1.64
6/13/2010 10:30	0.671737	1.46	1.58
6/13/2010 10:45	0.71951	1.41	1.53
6/13/2010 11:00	0.762156	1.37	1.49
6/13/2010 11:15	0.804863	1.33	1.47
6/13/2010 11:30	0.845256	1.28	1.40
6/13/2010 11:45	0.897487	1.23	1.35
6/13/2010 12:00	0.948788	1.18	1.29
6/13/2010 12:15	1.002831	1.13	1.23
6/13/2010 12:30	1.059732	1.07	1.16
6/13/2010 12:45	1.110612	1.02	1.11
6/13/2010 13:00	1.161498	0.97	1.05
6/13/2010 13:15	1.219756	0.91	0.98
6/13/2010 13:30	1.274131	0.86	0.93
6/13/2010 13:45	1.336798	0.79	0.85
6/13/2010 14:00	1.391854	0.74	0.80
6/13/2010 14:15	1.452567	0.68	0.74
6/13/2010 14:30	1.524619	0.61	0.67
6/13/2010 14:45	1.586718	0.54	0.60

FMC-Gage (Parkside Marina)		
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)
6/12/2010 21:16	1.758846	1.07
6/12/2010 21:31	1.892292	0.94
6/12/2010 21:46	2.006209	0.82
6/12/2010 22:01	2.032252	0.80
6/12/2010 22:16	2.03383	0.80
6/12/2010 22:31	2.03388	0.80
6/12/2010 22:46	2.053583	0.78
6/12/2010 23:01	2.164785	0.67
6/12/2010 23:16	2.301568	0.53
6/12/2010 23:31	2.434144	0.40
6/12/2010 23:46	2.500378	0.33
6/13/2010 0:01	2.52597	0.30
6/13/2010 0:16	2.538595	0.29
6/13/2010 0:31	2.562555	0.27
6/13/2010 0:46	2.601692	0.23
6/13/2010 1:01	2.680657	0.15
6/13/2010 1:16	2.762698	0.07
6/13/2010 1:31	2.805754	0.02
6/13/2010 1:46	2.860414	-0.03
6/13/2010 2:01	2.872775	-0.04
6/13/2010 2:16	2.855568	-0.03
6/13/2010 2:31	2.850192	-0.02
6/13/2010 2:46	2.861949	-0.03
6/13/2010 3:01	2.82589	0.00
6/13/2010 3:16	2.771442	0.06
6/13/2010 3:31	2.705005	0.12
6/13/2010 3:46	2.600369	0.23
6/13/2010 4:01	2.527766	0.30
6/13/2010 4:16	2.484344	0.35
6/13/2010 4:31	2.427382	0.40
6/13/2010 4:46	2.366754	0.46
6/13/2010 5:01	2.25708	0.57
6/13/2010 5:16	2.147135	0.68
6/13/2010 5:31	2.029633	0.80
6/13/2010 5:46	1.93696	0.89
6/13/2010 6:01	1.870294	0.96
6/13/2010 6:16	1.792949	1.04
6/13/2010 6:31	1.734161	1.10
6/13/2010 6:46	1.653484	1.18
6/13/2010 7:01	1.578937	1.25
6/13/2010 7:16	1.504792	1.33
6/13/2010 7:31	1.456595	1.37
6/13/2010 7:46	1.450413	1.38
6/13/2010 8:01	1.437374	1.39
6/13/2010 8:16	1.432455	1.40
6/13/2010 8:31	1.434073	1.40
6/13/2010 8:46	1.445999	1.38
6/13/2010 9:01	1.455003	1.37
6/13/2010 9:16	1.515647	1.31
6/13/2010 9:31	1.558486	1.27
6/13/2010 9:46	1.61321	1.22
6/13/2010 10:01	1.692097	1.14
6/13/2010 10:16	1.765862	1.06
6/13/2010 10:31	1.842981	0.99
6/13/2010 10:46	1.921634	0.91
6/13/2010 11:01	1.987914	0.84
6/13/2010 11:16	2.045159	0.78
6/13/2010 11:31	2.103028	0.73
6/13/2010 11:46	2.195232	0.63
6/13/2010 12:01	2.270757	0.56
6/13/2010 12:16	2.364081	0.47
6/13/2010 12:31	2.452216	0.38
6/13/2010 12:46	2.519017	0.31
6/13/2010 13:01	2.610521	0.22
6/13/2010 13:16	2.692164	0.14
6/13/2010 13:31	2.778928	0.05
6/13/2010 13:46	2.871173	-0.04
6/13/2010 14:01	2.948144	-0.12
6/13/2010 14:16	3.048306	-0.22

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
6/12/2010 16:30	29.996141	33.99
6/12/2010 16:45	30.00103	33.99
6/12/2010 17:00	29.996141	33.99
6/12/2010 17:15	29.997932	33.99
6/12/2010 17:30	29.990921	33.98
6/12/2010 17:45	29.982298	33.97
6/12/2010 18:00	29.978724	33.97
6/12/2010 18:15	29.969751	33.96
6/12/2010 18:30	29.973715	33.96
6/12/2010 18:45	29.973379	33.96
6/12/2010 19:00	29.972763	33.96
6/12/2010 19:15	29.973839	33.96
6/12/2010 19:30	29.979479	33.97
6/12/2010 19:45	29.967184	33.95
6/12/2010 20:00	29.967184	33.95
6/12/2010 20:15	29.962065	33.95
6/12/2010 20:30	29.958155	33.94
6/12/2010 20:45	29.959377	33.94
6/12/2010 21:00	29.95845	33.94
6/12/2010 21:15	29.956013	33.94
6/12/2010 21:30	29.960096	33.94
6/12/2010 21:45	29.956841	33.94
6/12/2010 22:00	29.956144	33.94
6/12/2010 22:15	29.96393	33.95
6/12/2010 22:30	29.95845	33.94
6/12/2010 22:45	29.95002	33.93
6/12/2010 23:00	29.943901	33.93
6/12/2010 23:15	29.944317	33.93
6/12/2010 23:30	29.95252	33.94
6/12/2010 23:45	29.944019	33.93
6/13/2010 0:00	29.939562	33.92
6/13/2010 0:15	29.940111	33.92
6/13/2010 0:30	29.944252	33.93
6/13/2010 0:45	29.939615	33.92
6/13/2010 1:00	29.942574	33.92
6/13/2010 1:15	29.941633	33.92
6/13/2010 1:30	29.930721	33.91
6/13/2010 1:45	29.931654	33.91
6/13/2010 2:00	29.934849	33.92
6/13/2010 2:15	29.931274	33.91
6/13/2010 2:30	29.938368	33.92
6/13/2010 2:45	29.925488	33.91
6/13/2010 3:00	29.927168	33.91
6/13/2010 3:15	29.927557	33.91
6/13/2010 3:30	29.912186	33.89
6/13/2010 3:45	29.916622	33.90
6/13/2010 4:00	29.905285	33.88
6/13/2010 4:15	29.90589	33.88
6/13/2010 4:30	29.914865	33.89
6/13/2010 4:45	29.910894	33.89
6/13/2010 5:00	29.90744	33.89
6/13/2010 5:15	29.910347	33.89
6/13/2010 5:30	29.91258	33.89
6/13/2010 5:45	29.91847	33.90
6/13/2010 6:00	29.924223	33.90
6/13/2010 6:15	29.925867	33.91
6/13/2010 6:30	29.926847	33.91
6/13/2010 6:45	29.92235	33.90
6/13/2010 7:00	29.918327	33.90
6/13/2010 7:15	29.917852	33.90
6/13/2010 7:30	29.914265	33.89
6/13/2010 7:45	29.905169	33.88
6/13/2010 8:00	29.904955	33.88
6/13/2010 8:15	29.903002	33.88
6/13/2010 8:30	29.90023	33.88
6/13/2010 8:45	29.897684	33.87
6/13/2010 9:00	29.89887	33.88
6/13/2010 9:15	29.900869	33.88
6/13/2010 9:30	29.8992	33.88

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/13/2010 15:00	1.649462	0.48	0.54
6/13/2010 15:15	1.70179	0.43	0.48
6/13/2010 15:30	1.729028	0.40	0.45
6/13/2010 15:45	1.752329	0.38	0.43
6/13/2010 16:00	1.765782	0.36	0.41
6/13/2010 16:15	1.775628	0.35	0.40
6/13/2010 16:30	1.79748	0.33	0.38
6/13/2010 16:45	1.794141	0.34	0.38
6/13/2010 17:00	1.793699	0.34	0.38
6/13/2010 17:15	1.775081	0.35	0.38
6/13/2010 17:30	1.773469	0.36	0.40
6/13/2010 17:45	1.780472	0.35	0.39
6/13/2010 18:00	1.731044	0.40	0.44
6/13/2010 18:15	1.674087	0.46	0.50
6/13/2010 18:30	1.631838	0.50	0.55
6/13/2010 18:45	1.584514	0.55	0.59
6/13/2010 19:00	1.569047	0.56	0.61
6/13/2010 19:15	1.552244	0.58	0.63
6/13/2010 19:30	1.505115	0.62	0.68
6/13/2010 19:45	1.458215	0.67	0.73
6/13/2010 20:00	1.429086	0.70	0.76
6/13/2010 20:15	1.433387	0.70	0.76
6/13/2010 20:30	1.453059	0.68	0.74
6/13/2010 20:45	1.455702	0.67	0.73
6/13/2010 21:00	1.44885	0.68	0.75
6/13/2010 21:15	1.431917	0.70	0.77
6/13/2010 21:30	1.411706	0.72	0.80
6/13/2010 21:45	1.427621	0.70	0.78
6/13/2010 22:00	1.458846	0.67	0.76
6/13/2010 22:15	1.504343	0.63	0.73
6/13/2010 22:30	1.559445	0.57	0.68
6/13/2010 22:45	1.604717	0.53	0.64
6/13/2010 23:00	1.648623	0.48	0.59
6/13/2010 23:15	1.674268	0.46	0.57
6/13/2010 23:30	1.705363	0.42	0.53
6/13/2010 23:45	1.747619	0.38	0.50
6/14/2010 0:00	1.79267	0.34	0.45
6/14/2010 0:15	1.836152	0.29	0.41
6/14/2010 0:30	1.880103	0.25	0.37
6/14/2010 0:45	1.919226	0.21	0.33
6/14/2010 1:00	1.946613	0.18	0.32
6/14/2010 1:15	1.983742	0.15	0.26
6/14/2010 1:30	2.021545	0.11	0.21
6/14/2010 1:45	2.048516	0.08	0.19
6/14/2010 2:00	2.083543	0.05	0.16
6/14/2010 2:15	2.106663	0.02	0.13
6/14/2010 2:30	2.123377	0.01	0.12
6/14/2010 2:45	2.143563	-0.01	0.11
6/14/2010 3:00	2.143263	-0.01	0.11
6/14/2010 3:15	2.138957	-0.01	0.10
6/14/2010 3:30	2.1296	0.00	0.11
6/14/2010 3:45	2.100398	0.03	0.14
6/14/2010 4:00	2.068355	0.06	0.17
6/14/2010 4:15	2.028047	0.10	0.21
6/14/2010 4:30	1.979653	0.15	0.26
6/14/2010 4:45	1.927046	0.20	0.31
6/14/2010 5:00	1.865322	0.26	0.37
6/14/2010 5:15	1.800972	0.33	0.44
6/14/2010 5:30	1.720439	0.41	0.52
6/14/2010 5:45	1.64738	0.48	0.60
6/14/2010 6:00	1.582779	0.55	0.67
6/14/2010 6:15	1.509727	0.62	0.74
6/14/2010 6:30	1.435061	0.69	0.81
6/14/2010 6:45	1.360523	0.77	0.91
6/14/2010 7:00	1.279453	0.85	0.99
6/14/2010 7:15	1.205542	0.92	1.06
6/14/2010 7:30	1.14452	0.99	1.13
6/14/2010 7:45	1.080142	1.05	1.19
6/14/2010 8:00	1.027579	1.10	1.25

FMC-Gage (Parkside Marina)		
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)
6/13/2010 14:31	3.165774	-0.34
6/13/2010 14:46	3.252919	-0.42
6/13/2010 15:01	3.334531	-0.50
6/13/2010 15:16	3.376852	-0.55
6/13/2010 15:31	3.379649	-0.55
6/13/2010 15:46	3.399993	-0.57
6/13/2010 16:01	3.384199	-0.55
6/13/2010 16:16	3.398309	-0.57
6/13/2010 16:31	3.423218	-0.59
6/13/2010 16:46	3.39161	-0.56
6/13/2010 17:01	3.377868	-0.55
6/13/2010 17:16	3.31129	-0.48
6/13/2010 17:31	3.343546	-0.51
6/13/2010 17:46	3.322702	-0.49
6/13/2010 18:01	3.167856	-0.34
6/13/2010 18:16	3.082189	-0.25
6/13/2010 18:31	3.01491	-0.18
6/13/2010 18:46	2.945305	-0.12
6/13/2010 19:01	2.967575	-0.14
6/13/2010 19:16	2.920641	-0.09
6/13/2010 19:31	2.810488	0.02
6/13/2010 19:46	2.744444	0.09
6/13/2010 20:01	2.731113	0.10
6/13/2010 20:16	2.788343	0.04
6/13/2010 20:31	2.841717	-0.01
6/13/2010 20:46	2.828205	0.00
6/13/2010 21:01	2.811494	0.02
6/13/2010 21:16	2.75794	0.07
6/13/2010 21:31	2.740139	0.09
6/13/2010 21:46	2.812257	0.02
6/13/2010 22:01	2.881529	-0.05
6/13/2010 22:16	2.995538	-0.17
6/13/2010 22:31	3.086827	-0.26
6/13/2010 22:46	3.15434	-0.32
6/13/2010 23:01	3.20406	-0.37
6/13/2010 23:16	3.220931	-0.39
6/13/2010 23:31	3.2802	-0.45
6/13/2010 23:46	3.361354	-0.53
6/14/2010 0:01	3.424189	-0.59
6/14/2010 0:16	3.487602	-0.66
6/14/2010 0:31	3.559069	-0.73
6/14/2010 0:46	3.600063	-0.77
6/14/2010 1:01	3.63469	-0.80
6/14/2010 1:16	3.697873	-0.87
6/14/2010 1:31	3.742502	-0.91
6/14/2010 1:46	3.775231	-0.95
6/14/2010 2:01	3.833012	-1.00
6/14/2010 2:16	3.846913	-1.02
6/14/2010 2:31	3.866198	-1.04
6/14/2010 2:46	3.879246	-1.05
6/14/2010 3:01	3.840694	-1.01
6/14/2010 3:16	3.829278	-1.00
6/14/2010 3:31	3.791977	-0.96
6/14/2010 3:46	3.712994	-0.88
6/14/2010 4:01	3.648629	-0.82
6/14/2010 4:16	3.562153	-0.73
6/14/2010 4:31	3.476213	-0.65
6/14/2010 4:46	3.382589	-0.55
6/14/2010 5:01	3.266819	-0.44
6/14/2010 5:16	3.156255	-0.33
6/14/2010 5:31	3.01511	-0.19
6/14/2010 5:46	2.906292	-0.08
6/14/2010 6:01	2.813808	0.02
6/14/2010 6:16	2.690243	0.14
6/14/2010 6:31	2.584049	0.25
6/14/2010 6:46	2.463323	0.37
6/14/2010 7:01	2.337387	0.49
6/14/2010 7:16	2.238882	0.59
6/14/2010 7:31	2.165542	0.66

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
6/13/2010 9:45	29.90436	33.88
6/13/2010 10:00	29.902454	33.88
6/13/2010 10:15	29.909237	33.89
6/13/2010 10:30	29.902597	33.88
6/13/2010 10:45	29.904659	33.88
6/13/2010 11:00	29.905308	33.88
6/13/2010 11:15	29.907951	33.89
6/13/2010 11:30	29.906168	33.88
6/13/2010 11:45	29.899675	33.88
6/13/2010 12:00	29.895906	33.87
6/13/2010 12:15	29.887962	33.86
6/13/2010 12:30	29.879448	33.85
6/13/2010 12:45	29.879341	33.85
6/13/2010 13:00	29.864346	33.84
6/13/2010 13:15	29.860191	33.83
6/13/2010 13:30	29.855886	33.83
6/13/2010 13:45	29.8507	33.82
6/13/2010 14:00	29.849068	33.82
6/13/2010 14:15	29.846624	33.82
6/13/2010 14:30	29.848843	33.82
6/13/2010 14:45	29.851877	33.82
6/13/2010 15:00	29.846144	33.82
6/13/2010 15:15	29.845346	33.81
6/13/2010 15:30	29.845057	33.81
6/13/2010 15:45	29.84404	33.81
6/13/2010 16:00	29.841383	33.81
6/13/2010 16:15	29.841084	33.81
6/13/2010 16:30	29.838457	33.81
6/13/2010 16:45	29.834164	33.80
6/13/2010 17:00	29.832911	33.80
6/13/2010 17:15	29.826267	33.79
6/13/2010 17:30	29.830748	33.80
6/13/2010 17:45	29.830017	33.80
6/13/2010 18:00	29.829491	33.80
6/13/2010 18:15	29.830889	33.80
6/13/2010 18:30	29.838358	33.81
6/13/2010 18:45	29.83429	33.80
6/13/2010 19:00	29.842873	33.81
6/13/2010 19:15	29.840458	33.81
6/13/2010 19:30	29.846741	33.82
6/13/2010 19:45	29.84841	33.82
6/13/2010 20:00	29.852055	33.82
6/13/2010 20:15	29.847363	33.82
6/13/2010 20:30	29.8507	33.82
6/13/2010 20:45	29.853031	33.82
6/13/2010 21:00	29.854412	33.83
6/13/2010 21:15	29.857035	33.83
6/13/2010 21:30	29.863676	33.84
6/13/2010 21:45	29.866074	33.84
6/13/2010 22:00	29.87591	33.85
6/13/2010 22:15	29.889177	33.86
6/13/2010 22:30	29.893793	33.87
6/13/2010 22:45	29.893364	33.87
6/13/2010 23:00	29.895906	33.87
6/13/2010 23:15	29.892941	33.87
6/13/2010 23:30	29.897867	33.87
6/13/2010 23:45	29.902321	33.88
6/14/2010 0:00	29.893869	33.87
6/14/2010 0:15	29.903198	33.88
6/14/2010 0:30	29.906853	33.88
6/14/2010 0:45	29.905807	33.88
6/14/2010 1:00	29.909082	33.89
6/14/2010 1:15	29.897869	33.87
6/14/2010 1:30	29.887774	33.86
6/14/2010 1:45	29.89432	33.87
6/14/2010 2:00	29.894812	33.87
6/14/2010 2:15	29.897785	33.87
6/14/2010 2:30	29.89661	33.87
6/14/2010 2:45	29.899796	33.88

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/14/2010 8:15	0.974742	1.16	1.31
6/14/2010 8:30	0.92559	1.20	1.35
6/14/2010 8:45	0.881125	1.25	1.40
6/14/2010 9:00	0.84319	1.29	1.44
6/14/2010 9:15	0.820756	1.31	1.47
6/14/2010 9:30	0.799712	1.33	1.48
6/14/2010 9:45	0.801288	1.33	1.48
6/14/2010 10:00	0.811411	1.32	1.47
6/14/2010 10:15	0.820339	1.31	1.46
6/14/2010 10:30	0.836461	1.29	1.44
6/14/2010 10:45	0.865172	1.26	1.40
6/14/2010 11:00	0.893571	1.24	1.38
6/14/2010 11:15	0.91716	1.21	1.35
6/14/2010 11:30	0.955196	1.17	1.31
6/14/2010 11:45	0.991873	1.14	1.28
6/14/2010 12:00	1.03657	1.09	1.21
6/14/2010 12:15	1.079646	1.05	1.19
6/14/2010 12:30	1.130308	1.00	1.14
6/14/2010 12:45	1.177272	0.95	1.07
6/14/2010 13:00	1.223257	0.91	1.02
6/14/2010 13:15	1.272679	0.86	0.97
6/14/2010 13:30	1.31726	0.81	0.92
6/14/2010 13:45	1.356246	0.77	0.88
6/14/2010 14:00	1.398478	0.73	0.83
6/14/2010 14:15	1.443462	0.69	0.79
6/14/2010 14:30	1.493717	0.64	0.73
6/14/2010 14:45	1.539063	0.59	0.69
6/14/2010 15:00	1.586631	0.54	0.63
6/14/2010 15:15	1.627829	0.50	0.59
6/14/2010 15:30	1.657534	0.47	0.55
6/14/2010 15:45	1.684589	0.45	0.53
6/14/2010 16:00	1.710451	0.42	0.50
6/14/2010 16:15	1.720132	0.41	0.49
6/14/2010 16:30	1.722041	0.41	0.49
6/14/2010 16:45	1.722719	0.41	0.49
6/14/2010 17:00	1.711082	0.42	0.50
6/14/2010 17:15	1.688584	0.44	0.54
6/14/2010 17:30	1.662576	0.47	0.57
6/14/2010 17:45	1.633495	0.50	0.59
6/14/2010 18:00	1.608028	0.52	0.60
6/14/2010 18:15	1.562813	0.57	0.65
6/14/2010 18:30	1.514232	0.62	0.70
6/14/2010 18:45	1.460401	0.67	0.75
6/14/2010 19:00	1.392163	0.74	0.83
6/14/2010 19:15	1.360484	0.77	0.86
6/14/2010 19:30	1.298366	0.83	0.93
6/14/2010 19:45	1.234258	0.90	0.99
6/14/2010 20:00	1.186499	0.94	1.03
6/14/2010 20:15	1.121536	1.01	1.10
6/14/2010 20:30	1.078042	1.05	1.14
6/14/2010 20:45	1.049936	1.08	1.18
6/14/2010 21:00	1.015638	1.11	1.21
6/14/2010 21:15	0.998265	1.13	1.24
6/14/2010 21:30	0.985596	1.14	1.26
6/14/2010 21:45	0.979419	1.15	1.27
6/14/2010 22:00	0.967884	1.16	1.30
6/14/2010 22:15	0.959618	1.17	1.31
6/14/2010 22:30	0.971799	1.16	1.31
6/14/2010 22:45	0.98902	1.14	1.30
6/14/2010 23:00	1.016559	1.11	1.28
6/14/2010 23:15	1.048213	1.08	1.24
6/14/2010 23:30	1.08039	1.05	1.21
6/14/2010 23:45	1.117224	1.01	1.19
6/15/2010 0:00	1.155452	0.97	1.15
6/15/2010 0:15	1.194305	0.94	1.13
6/15/2010 0:30	1.233575	0.90	1.10
6/15/2010 0:45	1.26934	0.86	1.06
6/15/2010 1:00	1.314847	0.82	1.02
6/15/2010 1:15	1.359818	0.77	0.97

FMC-Gage (Parkside Marina)		
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)
6/14/2010 7:46	2.077667	0.75
6/14/2010 8:01	2.020813	0.81
6/14/2010 8:16	1.939538	0.89
6/14/2010 8:31	1.890807	0.94
6/14/2010 8:46	1.84018	0.99
6/14/2010 9:01	1.801584	1.03
6/14/2010 9:16	1.787084	1.04
6/14/2010 9:31	1.784799	1.05
6/14/2010 9:46	1.828318	1.00
6/14/2010 10:01	1.862229	0.97
6/14/2010 10:16	1.88353	0.95
6/14/2010 10:31	1.932803	0.90
6/14/2010 10:46	1.999858	0.83
6/14/2010 11:01	2.047076	0.78
6/14/2010 11:16	2.098129	0.73
6/14/2010 11:31	2.153339	0.68
6/14/2010 11:46	2.231993	0.60
6/14/2010 12:01	2.314795	0.52
6/14/2010 12:16	2.372067	0.46
6/14/2010 12:31	2.463048	0.37
6/14/2010 12:46	2.532962	0.30
6/14/2010 13:01	2.604399	0.23
6/14/2010 13:16	2.674612	0.16
6/14/2010 13:31	2.752405	0.08
6/14/2010 13:46	2.789448	0.04
6/14/2010 14:01	2.853668	-0.02
6/14/2010 14:16	2.929077	-0.10
6/14/2010 14:31	3.004694	-0.17
6/14/2010 14:46	3.071161	-0.24
6/14/2010 15:01	3.142258	-0.31
6/14/2010 15:16	3.187773	-0.36
6/14/2010 15:31	3.210063	-0.38
6/14/2010 15:46	3.241537	-0.41
6/14/2010 16:01	3.264608	-0.43
6/14/2010 16:16	3.249825	-0.42
6/14/2010 16:31	3.23867	-0.41
6/14/2010 16:46	3.225332	-0.40
6/14/2010 17:01	3.177669	-0.35
6/14/2010 17:16	3.125453	-0.30
6/14/2010 17:31	3.076746	-0.25
6/14/2010 17:46	3.029545	-0.20
6/14/2010 18:01	2.986996	-0.16
6/14/2010 18:16	2.869603	-0.04
6/14/2010 18:31	2.807606	0.02
6/14/2010 18:46	2.685638	0.14
6/14/2010 19:01	2.586622	0.24
6/14/2010 19:16	2.573421	0.26
6/14/2010 19:31	2.421257	0.41
6/14/2010 19:46	2.352553	0.48
6/14/2010 20:01	2.282739	0.55
6/14/2010 20:16	2.173171	0.66
6/14/2010 20:31	2.151027	0.68
6/14/2010 20:46	2.118928	0.71
6/14/2010 21:01	2.08258	0.75
6/14/2010 21:16	2.083428	0.75
6/14/2010 21:31	2.075305	0.75
6/14/2010 21:46	2.078671	0.75
6/14/2010 22:01	2.058969	0.77
6/14/2010 22:16	2.064052	0.77
6/14/2010 22:31	2.11673	0.71
6/14/2010 22:46	2.162164	0.67
6/14/2010 23:01	2.220833	0.61
6/14/2010 23:16	2.281154	0.55
6/14/2010 23:31	2.339649	0.49
6/14/2010 23:46	2.407353	0.42
6/15/2010 0:01	2.462092	0.37
6/15/2010 0:16	2.528596	0.30
6/15/2010 0:31	2.585381	0.24
6/15/2010 0:46	2.639126	0.19

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
6/14/2010 3:00	29.899115	33.88
6/14/2010 3:15	29.894623	33.87
6/14/2010 3:30	29.895647	33.87
6/14/2010 3:45	29.897476	33.87
6/14/2010 4:00	29.898462	33.87
6/14/2010 4:15	29.894888	33.87
6/14/2010 4:30	29.895416	33.87
6/14/2010 4:45	29.892139	33.87
6/14/2010 5:00	29.892559	33.87
6/14/2010 5:15	29.892813	33.87
6/14/2010 5:30	29.895416	33.87
6/14/2010 5:45	29.899616	33.88
6/14/2010 6:00	29.905807	33.88
6/14/2010 6:15	29.90485	33.88
6/14/2010 6:30	29.903036	33.88
6/14/2010 6:45	29.910145	33.89
6/14/2010 7:00	29.910187	33.89
6/14/2010 7:15	29.914108	33.89
6/14/2010 7:30	29.912449	33.89
6/14/2010 7:45	29.915321	33.89
6/14/2010 8:00	29.921251	33.90
6/14/2010 8:15	29.920799	33.90
6/14/2010 8:30	29.919542	33.90
6/14/2010 8:45	29.923063	33.90
6/14/2010 9:00	29.916809	33.90
6/14/2010 9:15	29.926592	33.91
6/14/2010 9:30	29.924143	33.90
6/14/2010 9:45	29.921831	33.90
6/14/2010 10:00	29.922491	33.90
6/14/2010 10:15	29.923141	33.90
6/14/2010 10:30	29.916697	33.90
6/14/2010 10:45	29.914473	33.89
6/14/2010 11:00	29.912043	33.89
6/14/2010 11:15	29.915125	33.89
6/14/2010 11:30	29.913738	33.89
6/14/2010 11:45	29.909462	33.89
6/14/2010 12:00	29.905014	33.88
6/14/2010 12:15	29.908087	33.89
6/14/2010 12:30	29.907555	33.89
6/14/2010 12:45	29.902918	33.88
6/14/2010 13:00	29.895647	33.87
6/14/2010 13:15	29.89715	33.87
6/14/2010 13:30	29.894205	33.87
6/14/2010 13:45	29.890905	33.87
6/14/2010 14:00	29.887606	33.86
6/14/2010 14:15	29.888832	33.86
6/14/2010 14:30	29.880701	33.85
6/14/2010 14:45	29.881466	33.86
6/14/2010 15:00	29.874491	33.85
6/14/2010 15:15	29.873915	33.85
6/14/2010 15:30	29.870619	33.84
6/14/2010 15:45	29.871748	33.84
6/14/2010 16:00	29.869553	33.84
6/14/2010 16:15	29.870411	33.84
6/14/2010 16:30	29.867622	33.84
6/14/2010 16:45	29.868015	33.84
6/14/2010 17:00	29.868891	33.84
6/14/2010 17:15	29.883753	33.86
6/14/2010 17:30	29.883198	33.86
6/14/2010 17:45	29.874073	33.85
6/14/2010 18:00	29.868771	33.84
6/14/2010 18:15	29.864914	33.84
6/14/2010 18:30	29.867807	33.84
6/14/2010 18:45	29.869553	33.84
6/14/2010 19:00	29.877506	33.85
6/14/2010 19:15	29.879404	33.85
6/14/2010 19:30	29.881685	33.86
6/14/2010 19:45	29.880022	33.85
6/14/2010 20:00	29.876686	33.85

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/15/2010 1:30	1.404323	0.73	0.93
6/15/2010 1:45	1.445881	0.68	0.89
6/15/2010 2:00	1.489885	0.64	0.85
6/15/2010 2:15	1.523499	0.61	0.81
6/15/2010 2:30	1.553114	0.58	0.78
6/15/2010 2:45	1.590519	0.54	0.76
6/15/2010 3:00	1.630972	0.50	0.71
6/15/2010 3:15	1.667769	0.46	0.67
6/15/2010 3:30	1.697175	0.43	0.64
6/15/2010 3:45	1.714627	0.42	0.64
6/15/2010 4:00	1.717911	0.41	0.64
6/15/2010 4:15	1.71013	0.42	0.66
6/15/2010 4:30	1.698269	0.43	0.67
6/15/2010 4:45	1.688779	0.44	0.68
6/15/2010 5:00	1.665246	0.46	0.70
6/15/2010 5:15	1.626923	0.50	0.74
6/15/2010 5:30	1.587016	0.54	0.79
6/15/2010 5:45	1.538208	0.59	0.85
6/15/2010 6:00	1.49332	0.64	0.90
6/15/2010 6:15	1.440426	0.69	0.96
6/15/2010 6:30	1.382695	0.75	1.02
6/15/2010 6:45	1.322542	0.81	1.08
6/15/2010 7:00	1.25129	0.88	1.16
6/15/2010 7:15	1.191665	0.94	1.23
6/15/2010 7:30	1.13349	1.00	1.29
6/15/2010 7:45	1.07624	1.05	1.35
6/15/2010 8:00	1.02076	1.11	1.41
6/15/2010 8:15	0.964464	1.17	1.49
6/15/2010 8:30	0.914586	1.22	1.54
6/15/2010 8:45	0.87319	1.26	1.60
6/15/2010 9:00	0.836278	1.29	1.63
6/15/2010 9:15	0.806346	1.32	1.66
6/15/2010 9:30	0.773676	1.36	1.70
6/15/2010 9:45	0.741539	1.39	1.73
6/15/2010 10:00	0.717378	1.41	1.75
6/15/2010 10:15	0.710072	1.42	1.76
6/15/2010 10:30	0.721913	1.41	1.76
6/15/2010 10:45	0.749465	1.38	1.74
6/15/2010 11:00	0.786552	1.34	1.70
6/15/2010 11:15	0.821859	1.31	1.67
6/15/2010 11:30	0.844744	1.29	1.66
6/15/2010 11:45	0.866203	1.26	1.63
6/15/2010 12:00	0.893431	1.24	1.61
6/15/2010 12:15	0.925509	1.20	1.58
6/15/2010 12:30	0.96827	1.16	1.54
6/15/2010 12:45	1.023476	1.11	1.49
6/15/2010 13:00	1.080022	1.05	1.43
6/15/2010 13:15	1.130389	1.00	1.40
6/15/2010 13:30	1.179071	0.95	1.35
6/15/2010 13:45	1.227843	0.90	1.30
6/15/2010 14:00	1.272155	0.86	1.26
6/15/2010 14:15	1.321247	0.81	1.21
6/15/2010 14:30	1.37902	0.75	1.15
6/15/2010 14:45	1.436619	0.69	1.07
6/15/2010 15:00	1.492152	0.64	1.02
6/15/2010 15:15	1.550556	0.58	0.96
6/15/2010 15:30	1.605818	0.52	0.89
6/15/2010 15:45	1.657967	0.47	0.84
6/15/2010 16:00	1.709107	0.42	0.79
6/15/2010 16:15	1.757148	0.37	0.74
6/15/2010 16:30	1.795757	0.33	0.69
6/15/2010 16:45	1.831118	0.30	0.67
6/15/2010 17:00	1.861789	0.27	0.64
6/15/2010 17:15	1.881379	0.25	0.62
6/15/2010 17:30	1.885781	0.24	0.60
6/15/2010 17:45	1.885265	0.24	0.60
6/15/2010 18:00	1.868925	0.26	0.62
6/15/2010 18:15	1.833086	0.30	0.66
6/15/2010 18:30	1.794158	0.34	0.71

FMC-Gage (Parkside Marina)		
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)
6/15/2010 1:01	2.724668	0.11
6/15/2010 1:16	2.792346	0.04
6/15/2010 1:31	2.856341	-0.03
6/15/2010 1:46	2.915668	-0.09
6/15/2010 2:01	2.981913	-0.15
6/15/2010 2:16	3.012085	-0.18
6/15/2010 2:31	3.056442	-0.23
6/15/2010 2:46	3.118331	-0.29
6/15/2010 3:01	3.17814	-0.35
6/15/2010 3:16	3.227009	-0.40
6/15/2010 3:31	3.257063	-0.43
6/15/2010 3:46	3.25193	-0.42
6/15/2010 4:01	3.227426	-0.40
6/15/2010 4:16	3.195717	-0.37
6/15/2010 4:31	3.163296	-0.33
6/15/2010 4:46	3.142464	-0.31
6/15/2010 5:01	3.072138	-0.24
6/15/2010 5:16	2.993958	-0.16
6/15/2010 5:31	2.917069	-0.09
6/15/2010 5:46	2.830106	0.00
6/15/2010 6:01	2.757154	0.07
6/15/2010 6:16	2.662415	0.17
6/15/2010 6:31	2.57159	0.26
6/15/2010 6:46	2.462841	0.37
6/15/2010 7:01	2.347243	0.48
6/15/2010 7:16	2.267201	0.56
6/15/2010 7:31	2.184116	0.65
6/15/2010 7:46	2.103756	0.73
6/15/2010 8:01	2.025038	0.80
6/15/2010 8:16	1.936598	0.89
6/15/2010 8:31	1.885239	0.94
6/15/2010 8:46	1.831723	1.00
6/15/2010 9:01	1.790967	1.04
6/15/2010 9:16	1.766211	1.06
6/15/2010 9:31	1.716998	1.11
6/15/2010 9:46	1.67812	1.15
6/15/2010 10:01	1.653773	1.18
6/15/2010 10:16	1.686329	1.14
6/15/2010 10:31	1.743173	1.09
6/15/2010 10:46	1.811827	1.02
6/15/2010 11:01	1.899383	0.93
6/15/2010 11:16	1.952416	0.88
6/15/2010 11:31	1.970277	0.86
6/15/2010 11:46	2.014415	0.82
6/15/2010 12:01	2.056834	0.77
6/15/2010 12:16	2.116084	0.71
6/15/2010 12:31	2.203819	0.63
6/15/2010 12:46	2.307796	0.52
6/15/2010 13:01	2.396019	0.43
6/15/2010 13:16	2.46547	0.36
6/15/2010 13:31	2.537155	0.29
6/15/2010 13:46	2.609198	0.22
6/15/2010 14:01	2.671194	0.16
6/15/2010 14:16	2.754837	0.08
6/15/2010 14:31	2.849352	-0.02
6/15/2010 14:46	2.936512	-0.11
6/15/2010 15:01	3.016377	-0.19
6/15/2010 15:16	3.108996	-0.28
6/15/2010 15:31	3.181652	-0.35
6/15/2010 15:46	3.252653	-0.42
6/15/2010 16:01	3.322423	-0.49
6/15/2010 16:16	3.383111	-0.55
6/15/2010 16:31	3.424185	-0.59
6/15/2010 16:46	3.459418	-0.63
6/15/2010 17:01	3.494035	-0.66
6/15/2010 17:16	3.501123	-0.67
6/15/2010 17:31	3.480088	-0.65
6/15/2010 17:46	3.458002	-0.63
6/15/2010 18:01	3.391288	-0.56

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
6/14/2010 20:15	29.874144	33.85
6/14/2010 20:30	29.875589	33.85
6/14/2010 20:45	29.880848	33.86
6/14/2010 21:00	29.884027	33.86
6/14/2010 21:15	29.890551	33.87
6/14/2010 21:30	29.898628	33.88
6/14/2010 21:45	29.90534	33.88
6/14/2010 22:00	29.911352	33.89
6/14/2010 22:15	29.914633	33.89
6/14/2010 22:30	29.920609	33.90
6/14/2010 22:45	29.925507	33.91
6/14/2010 23:00	29.936739	33.92
6/14/2010 23:15	29.931732	33.91
6/14/2010 23:30	29.93347	33.91
6/14/2010 23:45	29.944489	33.93
6/15/2010 0:00	29.950422	33.93
6/15/2010 0:15	29.959026	33.94
6/15/2010 0:30	29.967363	33.95
6/15/2010 0:45	29.965618	33.95
6/15/2010 1:00	29.962688	33.95
6/15/2010 1:15	29.96302	33.95
6/15/2010 1:30	29.968153	33.95
6/15/2010 1:45	29.975281	33.96
6/15/2010 2:00	29.973808	33.96
6/15/2010 2:15	29.963934	33.95
6/15/2010 2:30	29.966339	33.95
6/15/2010 2:45	29.978371	33.97
6/15/2010 3:00	29.976347	33.96
6/15/2010 3:15	29.970627	33.96
6/15/2010 3:30	29.976002	33.96
6/15/2010 3:45	29.986204	33.97
6/15/2010 4:00	29.991901	33.98
6/15/2010 4:15	29.997488	33.99
6/15/2010 4:30	30.000925	33.99
6/15/2010 4:45	30.0035	33.99
6/15/2010 5:00	30.003191	33.99
6/15/2010 5:15	30.0035	33.99
6/15/2010 5:30	30.009043	34.00
6/15/2010 5:45	30.014212	34.01
6/15/2010 6:00	30.021797	34.01
6/15/2010 6:15	30.026966	34.02
6/15/2010 6:30	30.025791	34.02
6/15/2010 6:45	30.029427	34.02
6/15/2010 7:00	30.031637	34.03
6/15/2010 7:15	30.043713	34.04
6/15/2010 7:30	30.043495	34.04
6/15/2010 7:45	30.049591	34.05
6/15/2010 8:00	30.056688	34.05
6/15/2010 8:15	30.069271	34.07
6/15/2010 8:30	30.073719	34.07
6/15/2010 8:45	30.085287	34.09
6/15/2010 9:00	30.089876	34.09
6/15/2010 9:15	30.087723	34.09
6/15/2010 9:30	30.088602	34.09
6/15/2010 9:45	30.087601	34.09
6/15/2010 10:00	30.085608	34.09
6/15/2010 10:15	30.08559	34.09
6/15/2010 10:30	30.094532	34.10
6/15/2010 10:45	30.10457	34.11
6/15/2010 11:00	30.101912	34.11
6/15/2010 11:15	30.109341	34.11
6/15/2010 11:30	30.112713	34.12
6/15/2010 11:45	30.112795	34.12
6/15/2010 12:00	30.118475	34.12
6/15/2010 12:15	30.119699	34.13
6/15/2010 12:30	30.120415	34.13
6/15/2010 12:45	30.123796	34.13
6/15/2010 13:00	30.1257	34.13
6/15/2010 13:15	30.130491	34.14

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/15/2010 18:45	1.751315	0.38	0.75
6/15/2010 19:00	1.708321	0.42	0.79
6/15/2010 19:15	1.666945	0.46	0.83
6/15/2010 19:30	1.6204	0.51	0.87
6/15/2010 19:45	1.564454	0.57	0.94
6/15/2010 20:00	1.496101	0.63	1.01
6/15/2010 20:15	1.425173	0.70	1.07
6/15/2010 20:30	1.361609	0.77	1.14
6/15/2010 20:45	1.304422	0.83	1.21
6/15/2010 21:00	1.25909	0.87	1.25
6/15/2010 21:15	1.217611	0.91	1.29
6/15/2010 21:30	1.17587	0.95	1.33
6/15/2010 21:45	1.129977	1.00	1.40
6/15/2010 22:00	1.085549	1.04	1.44
6/15/2010 22:15	1.056135	1.07	1.48
6/15/2010 22:30	1.032092	1.10	1.51
6/15/2010 22:45	1.022405	1.11	1.53
6/15/2010 23:00	1.025134	1.10	1.53
6/15/2010 23:15	1.035663	1.09	1.52
6/15/2010 23:30	1.045561	1.08	1.52
6/15/2010 23:45	1.061677	1.07	1.51
6/16/2010 0:00	1.082075	1.05	1.49
6/16/2010 0:15	1.09791	1.03	1.47
6/16/2010 0:30	1.134236	1.00	1.44
6/16/2010 0:45	1.174676	0.96	1.39
6/16/2010 1:00	1.212303	0.92	1.36
6/16/2010 1:15	1.253137	0.88	1.32
6/16/2010 1:30	1.291412	0.84	1.29
6/16/2010 1:45	1.330559	0.80	1.24
6/16/2010 2:00	1.368649	0.76	1.20
6/16/2010 2:15	1.405045	0.72	1.15
6/16/2010 2:30	1.445158	0.68	1.11
6/16/2010 2:45	1.475316	0.65	1.08
6/16/2010 3:00	1.497255	0.63	1.06
6/16/2010 3:15	1.523475	0.61	1.03
6/16/2010 3:30	1.553168	0.58	1.00
6/16/2010 3:45	1.573588	0.56	0.99
6/16/2010 4:00	1.599298	0.53	0.96
6/16/2010 4:15	1.614538	0.52	0.94
6/16/2010 4:30	1.62182	0.51	0.93
6/16/2010 4:45	1.619022	0.51	0.93
6/16/2010 5:00	1.610492	0.52	0.94
6/16/2010 5:15	1.59997	0.53	0.95
6/16/2010 5:30	1.578319	0.55	0.97
6/16/2010 5:45	1.549996	0.58	1.01
6/16/2010 6:00	1.514835	0.62	1.04
6/16/2010 6:15	1.460665	0.67	1.11
6/16/2010 6:30	1.406773	0.72	1.16
6/16/2010 6:45	1.34501	0.78	1.22
6/16/2010 7:00	1.288743	0.84	1.26
6/16/2010 7:15	1.235867	0.89	1.32
6/16/2010 7:30	1.168477	0.96	1.39
6/16/2010 7:45	1.106726	1.02	1.45
6/16/2010 8:00	1.042137	1.09	1.52
6/16/2010 8:15	0.977192	1.15	1.58
6/16/2010 8:30	0.917347	1.21	1.65
6/16/2010 8:45	0.845103	1.28	1.71
6/16/2010 9:00	0.785641	1.34	1.76
6/16/2010 9:15	0.718626	1.41	1.83
6/16/2010 9:30	0.659728	1.47	1.91
6/16/2010 9:45	0.629216	1.50	1.92
6/16/2010 10:00	0.577544	1.55	1.95
6/16/2010 10:15	0.546851	1.58	1.99
6/16/2010 10:30	0.503012	1.63	2.04
6/16/2010 10:45	0.470278	1.66	2.06
6/16/2010 11:00	0.438082	1.69	2.09
6/16/2010 11:15	0.440928	1.69	2.09
6/16/2010 11:30	0.459456	1.67	2.05
6/16/2010 11:45	0.466533	1.66	2.04

FMC-Gage (Parkside Marina)		
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)
6/15/2010 18:16	3.305255	-0.48
6/15/2010 18:31	3.22925	-0.40
6/15/2010 18:46	3.14544	-0.32
6/15/2010 19:01	3.090681	-0.26
6/15/2010 19:16	3.013973	-0.18
6/15/2010 19:31	2.931625	-0.10
6/15/2010 19:46	2.82321	0.01
6/15/2010 20:01	2.69715	0.13
6/15/2010 20:16	2.588955	0.24
6/15/2010 20:31	2.502441	0.33
6/15/2010 20:46	2.429601	0.40
6/15/2010 21:01	2.38214	0.45
6/15/2010 21:16	2.326642	0.50
6/15/2010 21:31	2.264134	0.57
6/15/2010 21:46	2.193397	0.64
6/15/2010 22:01	2.139834	0.69
6/15/2010 22:16	2.11191	0.72
6/15/2010 22:31	2.100368	0.73
6/15/2010 22:46	2.112972	0.72
6/15/2010 23:01	2.146772	0.68
6/15/2010 23:16	2.177969	0.65
6/15/2010 23:31	2.19732	0.63
6/15/2010 23:46	2.250549	0.58
6/16/2010 0:01	2.283523	0.55
6/16/2010 0:16	2.316825	0.51
6/16/2010 0:31	2.403405	0.43
6/16/2010 0:46	2.473672	0.36
6/16/2010 1:01	2.532853	0.30
6/16/2010 1:16	2.601063	0.23
6/16/2010 1:31	2.656362	0.17
6/16/2010 1:46	2.718428	0.11
6/16/2010 2:01	2.770032	0.06
6/16/2010 2:16	2.830929	0.00
6/16/2010 2:31	2.889297	-0.06
6/16/2010 2:46	2.919285	-0.09
6/16/2010 3:01	2.932191	-0.10
6/16/2010 3:16	2.990068	-0.16
6/16/2010 3:31	3.02015	-0.19
6/16/2010 3:46	3.044976	-0.21
6/16/2010 4:01	3.079527	-0.25
6/16/2010 4:16	3.088697	-0.26
6/16/2010 4:31	3.083315	-0.25
6/16/2010 4:46	3.051689	-0.22
6/16/2010 5:01	3.026148	-0.20
6/16/2010 5:16	2.997635	-0.17
6/16/2010 5:31	2.936583	-0.11
6/16/2010 5:46	2.889264	-0.06
6/16/2010 6:01	2.806001	0.02
6/16/2010 6:16	2.707484	0.12
6/16/2010 6:31	2.609384	0.22
6/16/2010 6:46	2.504337	0.33
6/16/2010 7:01	2.432698	0.40
6/16/2010 7:16	2.342389	0.49
6/16/2010 7:31	2.221896	0.61
6/16/2010 7:46	2.138016	0.69
6/16/2010 8:01	2.033228	0.80
6/16/2010 8:16	1.949351	0.88
6/16/2010 8:31	1.854988	0.98
6/16/2010 8:46	1.740775	1.09
6/16/2010 9:01	1.674862	1.16
6/16/2010 9:16	1.558733	1.27
6/16/2010 9:31	1.507786	1.32
6/16/2010 9:46	1.489337	1.34
6/16/2010 10:01	1.427711	1.40
6/16/2010 10:16	1.393277	1.44
6/16/2010 10:31	1.321472	1.51
6/16/2010 10:46	1.288528	1.54
6/16/2010 11:01	1.25929	1.57
6/16/2010 11:16	1.332724	1.50

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
6/15/2010 13:30	30.129568	34.14
6/15/2010 13:45	30.133209	34.14
6/15/2010 14:00	30.132259	34.14
6/15/2010 14:15	30.130026	34.14
6/15/2010 14:30	30.130463	34.14
6/15/2010 14:45	30.12631	34.13
6/15/2010 15:00	30.121637	34.13
6/15/2010 15:15	30.119699	34.13
6/15/2010 15:30	30.1166	34.12
6/15/2010 15:45	30.114944	34.12
6/15/2010 16:00	30.11483	34.12
6/15/2010 16:15	30.111681	34.12
6/15/2010 16:30	30.107025	34.11
6/15/2010 16:45	30.113007	34.12
6/15/2010 17:00	30.110847	34.12
6/15/2010 17:15	30.110552	34.12
6/15/2010 17:30	30.107559	34.11
6/15/2010 17:45	30.110014	34.11
6/15/2010 18:00	30.108997	34.11
6/15/2010 18:15	30.109888	34.11
6/15/2010 18:30	30.11385	34.12
6/15/2010 18:45	30.111834	34.12
6/15/2010 19:00	30.112713	34.12
6/15/2010 19:15	30.111431	34.12
6/15/2010 19:30	30.109123	34.11
6/15/2010 19:45	30.112656	34.12
6/15/2010 20:00	30.120823	34.13
6/15/2010 20:15	30.115824	34.12
6/15/2010 20:30	30.116764	34.12
6/15/2010 20:45	30.122438	34.13
6/15/2010 21:00	30.122225	34.13
6/15/2010 21:15	30.122889	34.13
6/15/2010 21:30	30.125998	34.13
6/15/2010 21:45	30.130589	34.14
6/15/2010 22:00	30.136614	34.14
6/15/2010 22:15	30.144896	34.15
6/15/2010 22:30	30.142178	34.15
6/15/2010 22:45	30.150595	34.16
6/15/2010 23:00	30.1588	34.17
6/15/2010 23:15	30.161238	34.17
6/15/2010 23:30	30.170559	34.18
6/15/2010 23:45	30.17132	34.18
6/16/2010 0:00	30.168762	34.18
6/16/2010 0:15	30.167334	34.18
6/16/2010 0:30	30.166903	34.18
6/16/2010 0:45	30.161238	34.17
6/16/2010 1:00	30.167204	34.18
6/16/2010 1:15	30.164633	34.18
6/16/2010 1:30	30.176737	34.19
6/16/2010 1:45	30.169117	34.18
6/16/2010 2:00	30.16835	34.18
6/16/2010 2:15	30.161335	34.17
6/16/2010 2:30	30.160952	34.17
6/16/2010 2:45	30.156885	34.17
6/16/2010 3:00	30.158348	34.17
6/16/2010 3:15	30.152012	34.16
6/16/2010 3:30	30.15012	34.16
6/16/2010 3:45	30.157713	34.17
6/16/2010 4:00	30.155005	34.17
6/16/2010 4:15	30.153891	34.16
6/16/2010 4:30	30.146017	34.16
6/16/2010 4:45	30.14831	34.16
6/16/2010 5:00	30.146778	34.16
6/16/2010 5:15	30.152132	34.16
6/16/2010 5:30	30.153126	34.16
6/16/2010 5:45	30.16012	34.17
6/16/2010 6:00	30.152206	34.16
6/16/2010 6:15	30.163837	34.18
6/16/2010 6:30	30.16732	34.18

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/16/2010 12:00	0.489616	1.64	2.01
6/16/2010 12:15	0.503852	1.63	1.99
6/16/2010 12:30	0.524634	1.61	1.97
6/16/2010 12:45	0.549575	1.58	1.95
6/16/2010 13:00	0.580039	1.55	1.90
6/16/2010 13:15	0.61771	1.51	1.86
6/16/2010 13:30	0.658847	1.47	1.81
6/16/2010 13:45	0.692439	1.44	1.77
6/16/2010 14:00	0.717763	1.41	1.73
6/16/2010 14:15	0.737563	1.39	1.71
6/16/2010 14:30	0.783858	1.35	1.66
6/16/2010 14:45	0.855987	1.27	1.58
6/16/2010 15:00	0.930671	1.20	1.50
6/16/2010 15:15	0.990251	1.14	1.44
6/16/2010 15:30	1.030669	1.10	1.38
6/16/2010 15:45	1.061296	1.07	1.34
6/16/2010 16:00	1.092038	1.04	1.30
6/16/2010 16:15	1.14249	0.99	1.24
6/16/2010 16:30	1.200764	0.93	1.17
6/16/2010 16:45	1.258072	0.87	1.11
6/16/2010 17:00	1.315623	0.81	1.04
6/16/2010 17:15	1.358931	0.77	0.99
6/16/2010 17:30	1.395911	0.73	0.95
6/16/2010 17:45	1.424811	0.71	0.93
6/16/2010 18:00	1.447229	0.68	0.89
6/16/2010 18:15	1.473147	0.66	0.86
6/16/2010 18:30	1.474874	0.66	0.85
6/16/2010 18:45	1.472155	0.66	0.86
6/16/2010 19:00	1.459692	0.67	0.88
6/16/2010 19:15	1.43233	0.70	0.91
6/16/2010 19:30	1.416738	0.71	0.91
6/16/2010 19:45	1.392075	0.74	0.95
6/16/2010 20:00	1.358185	0.77	0.98
6/16/2010 20:15	1.316828	0.81	1.01
6/16/2010 20:30	1.260602	0.87	1.07
6/16/2010 20:45	1.19908	0.93	1.12
6/16/2010 21:00	1.139337	0.99	1.18
6/16/2010 21:15	1.082718	1.05	1.23
6/16/2010 21:30	1.029991	1.10	1.28
6/16/2010 21:45	0.972092	1.16	1.33
6/16/2010 22:00	0.920434	1.21	1.38
6/16/2010 22:15	0.880651	1.25	1.42
6/16/2010 22:30	0.838708	1.29	1.46
6/16/2010 22:45	0.820355	1.31	1.48
6/16/2010 23:00	0.801282	1.33	1.49
6/16/2010 23:15	0.780944	1.35	1.52
6/16/2010 23:30	0.769731	1.36	1.52
6/16/2010 23:45	0.750607	1.38	1.54
6/17/2010 0:00	0.752388	1.38	1.53
6/17/2010 0:15	0.756126	1.37	1.52
6/17/2010 0:30	0.778396	1.35	1.51
6/17/2010 0:45	0.815153	1.31	1.47
6/17/2010 1:00	0.845499	1.28	1.44
6/17/2010 1:15	0.876887	1.25	1.40
6/17/2010 1:30	0.910061	1.22	1.37
6/17/2010 1:45	0.941811	1.19	1.34
6/17/2010 2:00	0.983844	1.15	1.30
6/17/2010 2:15	1.025522	1.10	1.24
6/17/2010 2:30	1.076332	1.05	1.19
6/17/2010 2:45	1.121238	1.01	1.13
6/17/2010 3:00	1.168205	0.96	1.08
6/17/2010 3:15	1.219804	0.91	1.05
6/17/2010 3:30	1.25801	0.87	0.99
6/17/2010 3:45	1.293668	0.84	0.96
6/17/2010 4:00	1.329472	0.80	0.94
6/17/2010 4:15	1.371432	0.76	0.90
6/17/2010 4:30	1.415742	0.71	0.83
6/17/2010 4:45	1.455266	0.67	0.81
6/17/2010 5:00	1.491209	0.64	0.79

FMC-Gage (Parkside Marina)		
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)
6/16/2010 11:31	1.366673	1.46
6/16/2010 11:46	1.399365	1.43
6/16/2010 12:01	1.45264	1.38
6/16/2010 12:16	1.478429	1.35
6/16/2010 12:31	1.536079	1.29
6/16/2010 12:46	1.578747	1.25
6/16/2010 13:01	1.630276	1.20
6/16/2010 13:16	1.707226	1.12
6/16/2010 13:31	1.78043	1.05
6/16/2010 13:46	1.828396	1.00
6/16/2010 14:01	1.85174	0.98
6/16/2010 14:16	1.889261	0.94
6/16/2010 14:31	2.001403	0.83
6/16/2010 14:46	2.137864	0.69
6/16/2010 15:01	2.264549	0.57
6/16/2010 15:16	2.339607	0.49
6/16/2010 15:31	2.375498	0.45
6/16/2010 15:46	2.394396	0.44
6/16/2010 16:01	2.452154	0.38
6/16/2010 16:16	2.551566	0.28
6/16/2010 16:31	2.649022	0.18
6/16/2010 16:46	2.735334	0.09
6/16/2010 17:01	2.821866	0.01
6/16/2010 17:16	2.859126	-0.03
6/16/2010 17:31	2.9018	-0.07
6/16/2010 17:46	2.922325	-0.09
6/16/2010 18:01	2.950026	-0.12
6/16/2010 18:16	2.97393	-0.14
6/16/2010 18:31	2.937364	-0.11
6/16/2010 18:46	2.917614	-0.09
6/16/2010 19:01	2.86922	-0.04
6/16/2010 19:16	2.810583	0.02
6/16/2010 19:31	2.794385	0.04
6/16/2010 19:46	2.72384	0.11
6/16/2010 20:01	2.6611	0.17
6/16/2010 20:16	2.574106	0.26
6/16/2010 20:31	2.464126	0.37
6/16/2010 20:46	2.368163	0.46
6/16/2010 21:01	2.272291	0.56
6/16/2010 21:16	2.189608	0.64
6/16/2010 21:31	2.118954	0.71
6/16/2010 21:46	2.026827	0.80
6/16/2010 22:01	1.965662	0.86
6/16/2010 22:16	1.914587	0.92
6/16/2010 22:31	1.869337	0.96
6/16/2010 22:46	1.877006	0.95
6/16/2010 23:01	1.841223	0.99
6/16/2010 23:16	1.835871	0.99
6/16/2010 23:31	1.822585	1.01
6/16/2010 23:46	1.7964	1.03
6/17/2010 0:01	1.832384	1.00
6/17/2010 0:16	1.850656	0.98
6/17/2010 0:31	1.93089	0.90
6/17/2010 0:46	2.004878	0.83
6/17/2010 1:01	2.052373	0.78
6/17/2010 1:16	2.110225	0.72
6/17/2010 1:31	2.154346	0.68
6/17/2010 1:46	2.217956	0.61
6/17/2010 2:01	2.292791	0.54
6/17/2010 2:16	2.357594	0.47
6/17/2010 2:31	2.44756	0.38
6/17/2010 2:46	2.509427	0.32
6/17/2010 3:01	2.583847	0.25
6/17/2010 3:16	2.656263	0.17
6/17/2010 3:31	2.700286	0.13
6/17/2010 3:46	2.751349	0.08
6/17/2010 4:01	2.801919	0.03
6/17/2010 4:16	2.865927	-0.04
6/17/2010 4:31	2.934211	-0.10

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
6/16/2010 6:45	30.165112	34.18
6/16/2010 7:00	30.14723	34.16
6/16/2010 7:15	30.154774	34.17
6/16/2010 7:30	30.161127	34.17
6/16/2010 7:45	30.162777	34.17
6/16/2010 8:00	30.157965	34.17
6/16/2010 8:15	30.160231	34.17
6/16/2010 8:30	30.164228	34.18
6/16/2010 8:45	30.159119	34.17
6/16/2010 9:00	30.14831	34.16
6/16/2010 9:15	30.15406	34.16
6/16/2010 9:30	30.168894	34.18
6/16/2010 9:45	30.147217	34.16
6/16/2010 10:00	30.134609	34.14
6/16/2010 10:15	30.141638	34.15
6/16/2010 10:30	30.143761	34.15
6/16/2010 10:45	30.134811	34.14
6/16/2010 11:00	30.13184	34.14
6/16/2010 11:15	30.129925	34.14
6/16/2010 11:30	30.122231	34.13
6/16/2010 11:45	30.125731	34.13
6/16/2010 12:00	30.116348	34.12
6/16/2010 12:15	30.110134	34.11
6/16/2010 12:30	30.110134	34.11
6/16/2010 12:45	30.1105	34.12
6/16/2010 13:00	30.10074	34.10
6/16/2010 13:15	30.099604	34.10
6/16/2010 13:30	30.088915	34.09
6/16/2010 13:45	30.079046	34.08
6/16/2010 14:00	30.070757	34.07
6/16/2010 14:15	30.070141	34.07
6/16/2010 14:30	30.061043	34.06
6/16/2010 14:45	30.060713	34.06
6/16/2010 15:00	30.050589	34.05
6/16/2010 15:15	30.051537	34.05
6/16/2010 15:30	30.034178	34.03
6/16/2010 15:45	30.025455	34.02
6/16/2010 16:00	30.014858	34.01
6/16/2010 16:15	30.00857	34.00
6/16/2010 16:30	30.000366	33.99
6/16/2010 16:45	29.995668	33.99
6/16/2010 17:00	29.991419	33.98
6/16/2010 17:15	29.984674	33.97
6/16/2010 17:30	29.981615	33.97
6/16/2010 17:45	29.97929	33.97
6/16/2010 18:00	29.975037	33.96
6/16/2010 18:15	29.967381	33.95
6/16/2010 18:30	29.957956	33.94
6/16/2010 18:45	29.963503	33.95
6/16/2010 19:00	29.971651	33.96
6/16/2010 19:15	29.970613	33.96
6/16/2010 19:30	29.968245	33.95
6/16/2010 19:45	29.973688	33.96
6/16/2010 20:00	29.969887	33.96
6/16/2010 20:15	29.967163	33.95
6/16/2010 20:30	29.964849	33.95
6/16/2010 20:45	29.958689	33.94
6/16/2010 21:00	29.951487	33.94
6/16/2010 21:15	29.946171	33.93
6/16/2010 21:30	29.946571	33.93
6/16/2010 21:45	29.940456	33.92
6/16/2010 22:00	29.936869	33.92
6/16/2010 22:15	29.940161	33.92
6/16/2010 22:30	29.939056	33.92
6/16/2010 22:45	29.935942	33.92
6/16/2010 23:00	29.930429	33.91
6/16/2010 23:15	29.937386	33.92
6/16/2010 23:30	29.927523	33.91
6/16/2010 23:45	29.927088	33.91

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/17/2010 5:15	1.524975	0.61	0.77
6/17/2010 5:30	1.551736	0.58	0.74
6/17/2010 5:45	1.583243	0.55	0.71
6/17/2010 6:00	1.603077	0.53	0.70
6/17/2010 6:15	1.619582	0.51	0.68
6/17/2010 6:30	1.621337	0.51	0.67
6/17/2010 6:45	1.612298	0.52	0.69
6/17/2010 7:00	1.598981	0.53	0.70
6/17/2010 7:15	1.576277	0.55	0.72
6/17/2010 7:30	1.550656	0.58	0.75
6/17/2010 7:45	1.518971	0.61	0.79
6/17/2010 8:00	1.481347	0.65	0.82
6/17/2010 8:15	1.443639	0.69	0.87
6/17/2010 8:30	1.403461	0.73	0.90
6/17/2010 8:45	1.365078	0.76	0.93
6/17/2010 9:00	1.317066	0.81	0.98
6/17/2010 9:15	1.268925	0.86	1.02
6/17/2010 9:30	1.22852	0.90	1.07
6/17/2010 9:45	1.186449	0.94	1.10
6/17/2010 10:00	1.133279	1.00	1.17
6/17/2010 10:15	1.090868	1.04	1.20
6/17/2010 10:30	1.064743	1.07	1.23
6/17/2010 10:45	1.03645	1.09	1.26
6/17/2010 11:00	1.012151	1.12	1.28
6/17/2010 11:15	0.998941	1.13	1.30
6/17/2010 11:30	0.976626	1.15	1.32
6/17/2010 11:45	0.972086	1.16	1.33
6/17/2010 12:00	0.993125	1.14	1.31
6/17/2010 12:15	0.996399	1.13	1.31
6/17/2010 12:30	1.015335	1.11	1.29
6/17/2010 12:45	1.045772	1.08	1.26
6/17/2010 13:00	1.077748	1.05	1.23
6/17/2010 13:15	1.097871	1.03	1.21
6/17/2010 13:30	1.116719	1.01	1.19
6/17/2010 13:45	1.165616	0.96	1.14
6/17/2010 14:00	1.207983	0.92	1.10
6/17/2010 14:15	1.260617	0.87	1.05
6/17/2010 14:30	1.31318	0.82	1.00
6/17/2010 14:45	1.355699	0.77	0.95
6/17/2010 15:00	1.407096	0.72	0.90
6/17/2010 15:15	1.462386	0.67	0.85
6/17/2010 15:30	1.514025	0.62	0.80
6/17/2010 15:45	1.575833	0.55	0.73
6/17/2010 16:00	1.6359	0.49	0.68
6/17/2010 16:15	1.701076	0.43	0.61
6/17/2010 16:30	1.763312	0.37	0.55
6/17/2010 16:45	1.826784	0.30	0.49
6/17/2010 17:00	1.884024	0.25	0.44
6/17/2010 17:15	1.939896	0.19	0.39
6/17/2010 17:30	2.004768	0.13	0.33
6/17/2010 17:45	2.065517	0.06	0.27
6/17/2010 18:00	2.112536	0.02	0.23
6/17/2010 18:15	2.15481	-0.02	0.20
6/17/2010 18:30	2.193132	-0.06	0.17
6/17/2010 18:45	2.220007	-0.09	0.14
6/17/2010 19:00	2.237485	-0.11	0.12
6/17/2010 19:15	2.254845	-0.12	0.12
6/17/2010 19:30	2.252123	-0.12	0.13
6/17/2010 19:45	2.230498	-0.10	0.15
6/17/2010 20:00	2.213533	-0.08	0.17
6/17/2010 20:15	2.187731	-0.06	0.19
6/17/2010 20:30	2.141764	-0.01	0.25
6/17/2010 20:45	2.10012	0.03	0.30
6/17/2010 21:00	2.057116	0.07	0.35
6/17/2010 21:15	2.007767	0.12	0.40
6/17/2010 21:30	1.964971	0.17	0.46
6/17/2010 21:45	1.908336	0.22	0.52
6/17/2010 22:00	1.851075	0.28	0.60
6/17/2010 22:15	1.80238	0.33	0.66

FMC-Gage (Parkside Marina)		
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)
6/17/2010 4:46	2.985446	-0.16
6/17/2010 5:01	3.03334	-0.20
6/17/2010 5:16	3.074414	-0.24
6/17/2010 5:31	3.099132	-0.27
6/17/2010 5:46	3.14026	-0.31
6/17/2010 6:01	3.152918	-0.32
6/17/2010 6:16	3.163254	-0.33
6/17/2010 6:31	3.132185	-0.30
6/17/2010 6:46	3.097684	-0.27
6/17/2010 7:01	3.064012	-0.23
6/17/2010 7:16	3.004299	-0.17
6/17/2010 7:31	2.957207	-0.13
6/17/2010 7:46	2.892421	-0.06
6/17/2010 8:01	2.823018	0.01
6/17/2010 8:16	2.761121	0.07
6/17/2010 8:31	2.699209	0.13
6/17/2010 8:46	2.634817	0.20
6/17/2010 9:01	2.553964	0.28
6/17/2010 9:16	2.473644	0.36
6/17/2010 9:31	2.418539	0.41
6/17/2010 9:46	2.351593	0.48
6/17/2010 10:01	2.258002	0.57
6/17/2010 10:16	2.217137	0.61
6/17/2010 10:31	2.191437	0.64
6/17/2010 10:46	2.157516	0.67
6/17/2010 11:01	2.136568	0.69
6/17/2010 11:16	2.136503	0.69
6/17/2010 11:31	2.095326	0.73
6/17/2010 11:46	2.123994	0.71
6/17/2010 12:01	2.181614	0.65
6/17/2010 12:16	2.183884	0.65
6/17/2010 12:31	2.237681	0.59
6/17/2010 12:46	2.309046	0.52
6/17/2010 13:01	2.354725	0.48
6/17/2010 13:16	2.366597	0.46
6/17/2010 13:31	2.418121	0.41
6/17/2010 13:46	2.52212	0.31
6/17/2010 14:01	2.590488	0.24
6/17/2010 14:16	2.689075	0.14
6/17/2010 14:31	2.759038	0.07
6/17/2010 14:46	2.812738	0.02
6/17/2010 15:01	2.892314	-0.06
6/17/2010 15:16	2.989163	-0.16
6/17/2010 15:31	3.071528	-0.24
6/17/2010 15:46	3.166982	-0.34
6/17/2010 16:01	3.260893	-0.43
6/17/2010 16:16	3.358608	-0.53
6/17/2010 16:31	3.44189	-0.61
6/17/2010 16:46	3.536265	-0.71
6/17/2010 17:01	3.599159	-0.77
6/17/2010 17:16	3.693249	-0.86
6/17/2010 17:31	3.786511	-0.96
6/17/2010 17:46	3.874043	-1.04
6/17/2010 18:01	3.914796	-1.08
6/17/2010 18:16	3.961562	-1.13
6/17/2010 18:31	3.975542	-1.15
6/17/2010 18:46	3.989854	-1.16
6/17/2010 19:01	4.005466	-1.18
6/17/2010 19:16	4.017544	-1.19
6/17/2010 19:31	3.963549	-1.13
6/17/2010 19:46	3.902253	-1.07
6/17/2010 20:01	3.874945	-1.04
6/17/2010 20:16	3.790224	-0.96
6/17/2010 20:31	3.694352	-0.86
6/17/2010 20:46	3.638517	-0.81
6/17/2010 21:01	3.556145	-0.73
6/17/2010 21:16	3.476852	-0.65
6/17/2010 21:31	3.404828	-0.57
6/17/2010 21:46	3.291176	-0.46

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
6/17/2010 0:00	29.923864	33.90
6/17/2010 0:15	29.924648	33.90
6/17/2010 0:30	29.928509	33.91
6/17/2010 0:45	29.925116	33.91
6/17/2010 1:00	29.925306	33.91
6/17/2010 1:15	29.922207	33.90
6/17/2010 1:30	29.921103	33.90
6/17/2010 1:45	29.923492	33.90
6/17/2010 2:00	29.921299	33.90
6/17/2010 2:15	29.907825	33.89
6/17/2010 2:30	29.912325	33.89
6/17/2010 2:45	29.905766	33.88
6/17/2010 3:00	29.903517	33.88
6/17/2010 3:15	29.913141	33.89
6/17/2010 3:30	29.900932	33.88
6/17/2010 3:45	29.906528	33.88
6/17/2010 4:00	29.911364	33.89
6/17/2010 4:15	29.913773	33.89
6/17/2010 4:30	29.905857	33.88
6/17/2010 4:45	29.912449	33.89
6/17/2010 5:00	29.917639	33.90
6/17/2010 5:15	29.925005	33.91
6/17/2010 5:30	29.928671	33.91
6/17/2010 5:45	29.930929	33.91
6/17/2010 6:00	29.935488	33.92
6/17/2010 6:15	29.936779	33.92
6/17/2010 6:30	29.927832	33.91
6/17/2010 6:45	29.936296	33.92
6/17/2010 7:00	29.939594	33.92
6/17/2010 7:15	29.940283	33.92
6/17/2010 7:30	29.941088	33.92
6/17/2010 7:45	29.944202	33.93
6/17/2010 8:00	29.941605	33.92
6/17/2010 8:15	29.943087	33.93
6/17/2010 8:30	29.94149	33.92
6/17/2010 8:45	29.939438	33.92
6/17/2010 9:00	29.936399	33.92
6/17/2010 9:15	29.933697	33.91
6/17/2010 9:30	29.939066	33.92
6/17/2010 9:45	29.9324	33.91
6/17/2010 10:00	29.935402	33.92
6/17/2010 10:15	29.931803	33.91
6/17/2010 10:30	29.93247	33.91
6/17/2010 10:45	29.93438	33.92
6/17/2010 11:00	29.933331	33.91
6/17/2010 11:15	29.933832	33.92
6/17/2010 11:30	29.935053	33.92
6/17/2010 11:45	29.941088	33.92
6/17/2010 12:00	29.937794	33.92
6/17/2010 12:15	29.945999	33.93
6/17/2010 12:30	29.946781	33.93
6/17/2010 12:45	29.947073	33.93
6/17/2010 13:00	29.950735	33.93
6/17/2010 13:15	29.950636	33.93
6/17/2010 13:30	29.944794	33.93
6/17/2010 13:45	29.950861	33.93
6/17/2010 14:00	29.951118	33.93
6/17/2010 14:15	29.943645	33.93
6/17/2010 14:30	29.948503	33.93
6/17/2010 14:45	29.944599	33.93
6/17/2010 15:00	29.94269	33.93
6/17/2010 15:15	29.9491	33.93
6/17/2010 15:30	29.947329	33.93
6/17/2010 15:45	29.948399	33.93
6/17/2010 16:00	29.951683	33.94
6/17/2010 16:15	29.94663	33.93
6/17/2010 16:30	29.949793	33.93
6/17/2010 16:45	29.95249	33.94
6/17/2010 17:00	29.957701	33.94

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/17/2010 22:30	1.735188	0.39	0.72
6/17/2010 22:45	1.669852	0.46	0.80
6/17/2010 23:00	1.617271	0.51	0.85
6/17/2010 23:15	1.586328	0.54	0.89
6/17/2010 23:30	1.571312	0.56	0.92
6/17/2010 23:45	1.580081	0.55	0.91
6/18/2010 0:00	1.596307	0.53	0.89
6/18/2010 0:15	1.587818	0.54	0.91
6/18/2010 0:30	1.562253	0.57	0.94
6/18/2010 0:45	1.53479	0.60	0.96
6/18/2010 1:00	1.520389	0.61	0.97
6/18/2010 1:15	1.526363	0.60	0.97
6/18/2010 1:30	1.547624	0.58	0.94
6/18/2010 1:45	1.591593	0.54	0.89
6/18/2010 2:00	1.639392	0.49	0.85
6/18/2010 2:15	1.681037	0.45	0.81
6/18/2010 2:30	1.713936	0.42	0.78
6/18/2010 2:45	1.739662	0.39	0.75
6/18/2010 3:00	1.765144	0.36	0.72
6/18/2010 3:15	1.801301	0.33	0.69
6/18/2010 3:30	1.847562	0.28	0.64
6/18/2010 3:45	1.895531	0.23	0.59
6/18/2010 4:00	1.94178	0.19	0.55
6/18/2010 4:15	1.979041	0.15	0.51
6/18/2010 4:30	2.013669	0.12	0.49
6/18/2010 4:45	2.053829	0.08	0.44
6/18/2010 5:00	2.091657	0.04	0.40
6/18/2010 5:15	2.120378	0.01	0.39
6/18/2010 5:30	2.150836	-0.02	0.36
6/18/2010 5:45	2.173617	-0.04	0.34
6/18/2010 6:00	2.193471	-0.06	0.34
6/18/2010 6:15	2.220862	-0.09	0.32
6/18/2010 6:30	2.241319	-0.11	0.30
6/18/2010 6:45	2.260567	-0.13	0.29
6/18/2010 7:00	2.266914	-0.14	0.28
6/18/2010 7:15	2.264517	-0.13	0.30
6/18/2010 7:30	2.25625	-0.13	0.31
6/18/2010 7:45	2.238954	-0.11	0.32
6/18/2010 8:00	2.209135	-0.08	0.36
6/18/2010 8:15	2.178666	-0.05	0.39
6/18/2010 8:30	2.140945	-0.01	0.43
6/18/2010 8:45	2.099123	0.03	0.47
6/18/2010 9:00	2.062615	0.07	0.51
6/18/2010 9:15	2.015672	0.11	0.55
6/18/2010 9:30	1.958417	0.17	0.61
6/18/2010 9:45	1.900783	0.23	0.66
6/18/2010 10:00	1.83764	0.29	0.71
6/18/2010 10:15	1.777178	0.35	0.78
6/18/2010 10:30	1.716845	0.41	0.83
6/18/2010 10:45	1.657618	0.47	0.89
6/18/2010 11:00	1.598445	0.53	0.95
6/18/2010 11:15	1.543241	0.59	1.01
6/18/2010 11:30	1.494384	0.64	1.06
6/18/2010 11:45	1.446381	0.68	1.10
6/18/2010 12:00	1.398337	0.73	1.15
6/18/2010 12:15	1.361329	0.77	1.19
6/18/2010 12:30	1.328248	0.80	1.22
6/18/2010 12:45	1.304742	0.83	1.25
6/18/2010 13:00	1.280718	0.85	1.27
6/18/2010 13:15	1.267071	0.86	1.28
6/18/2010 13:30	1.256576	0.87	1.29
6/18/2010 13:45	1.253855	0.88	1.29
6/18/2010 14:00	1.258112	0.87	1.27
6/18/2010 14:15	1.273722	0.86	1.26
6/18/2010 14:30	1.293223	0.84	1.24
6/18/2010 14:45	1.315676	0.81	1.19
6/18/2010 15:00	1.346899	0.78	1.18
6/18/2010 15:15	1.382122	0.75	1.13
6/18/2010 15:30	1.419252	0.71	1.09

FMC-Gage (Parkside Marina)		
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)
6/17/2010 22:01	3.205194	-0.38
6/17/2010 22:16	3.13983	-0.31
6/17/2010 22:31	3.010461	-0.18
6/17/2010 22:46	2.921337	-0.09
6/17/2010 23:01	2.856676	-0.03
6/17/2010 23:16	2.844247	-0.01
6/17/2010 23:31	2.857325	-0.03
6/17/2010 23:46	2.917977	-0.09
6/18/2010 0:01	2.958521	-0.13
6/18/2010 0:16	2.913967	-0.08
6/18/2010 0:31	2.858673	-0.03
6/18/2010 0:46	2.807373	0.02
6/18/2010 1:01	2.80929	0.02
6/18/2010 1:16	2.853726	-0.02
6/18/2010 1:31	2.924071	-0.09
6/18/2010 1:46	3.031525	-0.20
6/18/2010 2:01	3.115888	-0.29
6/18/2010 2:16	3.177203	-0.35
6/18/2010 2:31	3.214066	-0.38
6/18/2010 2:46	3.241443	-0.41
6/18/2010 3:01	3.285208	-0.46
6/18/2010 3:16	3.352837	-0.52
6/18/2010 3:31	3.436844	-0.61
6/18/2010 3:46	3.514178	-0.68
6/18/2010 4:01	3.578623	-0.75
6/18/2010 4:16	3.61772	-0.79
6/18/2010 4:31	3.665401	-0.84
6/18/2010 4:46	3.735192	-0.91
6/18/2010 5:01	3.776097	-0.95
6/18/2010 5:16	3.807674	-0.98
6/18/2010 5:31	3.849586	-1.02
6/18/2010 5:46	3.868387	-1.04
6/18/2010 6:01	3.899754	-1.07
6/18/2010 6:16	3.931685	-1.10
6/18/2010 6:31	3.959292	-1.13
6/18/2010 6:46	3.973489	-1.14
6/18/2010 7:01	3.960411	-1.13
6/18/2010 7:16	3.935655	-1.11
6/18/2010 7:31	3.908201	-1.08
6/18/2010 7:46	3.856719	-1.03
6/18/2010 8:01	3.790094	-0.96
6/18/2010 8:16	3.737406	-0.91
6/18/2010 8:31	3.664142	-0.83
6/18/2010 8:46	3.595291	-0.77
6/18/2010 9:01	3.540278	-0.71
6/18/2010 9:16	3.440309	-0.61
6/18/2010 9:31	3.347866	-0.52
6/18/2010 9:46	3.250759	-0.42
6/18/2010 10:01	3.139961	-0.31
6/18/2010 10:16	3.049715	-0.22
6/18/2010 10:31	2.970397	-0.14
6/18/2010 10:46	2.87272	-0.04
6/18/2010 11:01	2.791191	0.04
6/18/2010 11:16	2.712021	0.12
6/18/2010 11:31	2.650526	0.18
6/18/2010 11:46	2.577511	0.25
6/18/2010 12:01	2.519569	0.31
6/18/2010 12:16	2.473657	0.36
6/18/2010 12:31	2.448389	0.38
6/18/2010 12:46	2.423637	0.41
6/18/2010 13:01	2.404444	0.43
6/18/2010 13:16	2.395069	0.43
6/18/2010 13:31	2.399805	0.43
6/18/2010 13:46	2.412692	0.42
6/18/2010 14:01	2.436764	0.39
6/18/2010 14:16	2.476043	0.35
6/18/2010 14:31	2.522859	0.31
6/18/2010 14:46	2.57288	0.26
6/18/2010 15:01	2.625616	0.20

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
6/17/2010 17:15	29.963251	33.95
6/17/2010 17:30	29.966364	33.95
6/17/2010 17:45	29.974316	33.96
6/17/2010 18:00	29.974937	33.96
6/17/2010 18:15	29.978745	33.97
6/17/2010 18:30	29.986818	33.98
6/17/2010 18:45	29.993738	33.98
6/17/2010 19:00	29.992805	33.98
6/17/2010 19:15	30.001152	33.99
6/17/2010 19:30	30.004536	34.00
6/17/2010 19:45	30.008556	34.00
6/17/2010 20:00	30.006842	34.00
6/17/2010 20:15	30.012392	34.00
6/17/2010 20:30	30.019793	34.01
6/17/2010 20:45	30.024553	34.02
6/17/2010 21:00	30.031775	34.03
6/17/2010 21:15	30.032064	34.03
6/17/2010 21:30	30.045019	34.04
6/17/2010 21:45	30.055275	34.05
6/17/2010 22:00	30.069368	34.07
6/17/2010 22:15	30.07663	34.08
6/17/2010 22:30	30.076029	34.08
6/17/2010 22:45	30.084515	34.09
6/17/2010 23:00	30.091606	34.09
6/17/2010 23:15	30.09938	34.10
6/17/2010 23:30	30.101618	34.11
6/17/2010 23:45	30.105831	34.11
6/18/2010 0:00	30.105431	34.11
6/18/2010 0:15	30.11631	34.12
6/18/2010 0:30	30.110767	34.12
6/18/2010 0:45	30.107204	34.11
6/18/2010 1:00	30.109089	34.11
6/18/2010 1:15	30.111694	34.12
6/18/2010 1:30	30.104933	34.11
6/18/2010 1:45	30.100929	34.10
6/18/2010 2:00	30.10671	34.11
6/18/2010 2:15	30.10487	34.11
6/18/2010 2:30	30.106802	34.11
6/18/2010 2:45	30.102198	34.11
6/18/2010 3:00	30.109789	34.11
6/18/2010 3:15	30.107578	34.11
6/18/2010 3:30	30.10598	34.11
6/18/2010 3:45	30.103668	34.11
6/18/2010 4:00	30.106094	34.11
6/18/2010 4:15	30.109957	34.11
6/18/2010 4:30	30.111139	34.12
6/18/2010 4:45	30.109669	34.11
6/18/2010 5:00	30.108822	34.11
6/18/2010 5:15	30.119978	34.13
6/18/2010 5:30	30.123425	34.13
6/18/2010 5:45	30.126272	34.13
6/18/2010 6:00	30.135235	34.14
6/18/2010 6:15	30.137968	34.15
6/18/2010 6:30	30.141542	34.15
6/18/2010 6:45	30.15176	34.16
6/18/2010 7:00	30.148413	34.16
6/18/2010 7:15	30.16185	34.17
6/18/2010 7:30	30.164661	34.18
6/18/2010 7:45	30.162136	34.17
6/18/2010 8:00	30.165037	34.18
6/18/2010 8:15	30.165144	34.18
6/18/2010 8:30	30.166269	34.18
6/18/2010 8:45	30.166201	34.18
6/18/2010 9:00	30.167503	34.18
6/18/2010 9:15	30.171734	34.18
6/18/2010 9:30	30.164885	34.18
6/18/2010 9:45	30.160164	34.17
6/18/2010 10:00	30.154348	34.16
6/18/2010 10:15	30.15485	34.17

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/18/2010 15:45	1.456447	0.67	1.04
6/18/2010 16:00	1.497373	0.63	1.00
6/18/2010 16:15	1.534101	0.60	0.97
6/18/2010 16:30	1.574428	0.56	0.93
6/18/2010 16:45	1.608687	0.52	0.88
6/18/2010 17:00	1.651184	0.48	0.84
6/18/2010 17:15	1.694538	0.44	0.79
6/18/2010 17:30	1.733681	0.40	0.75
6/18/2010 17:45	1.766362	0.36	0.71
6/18/2010 18:00	1.795352	0.33	0.68
6/18/2010 18:15	1.820869	0.31	0.65
6/18/2010 18:30	1.843545	0.29	0.63
6/18/2010 18:45	1.868413	0.26	0.60
6/18/2010 19:00	1.898074	0.23	0.57
6/18/2010 19:15	1.922995	0.21	0.55
6/18/2010 19:30	1.938143	0.19	0.54
6/18/2010 19:45	1.940674	0.19	0.53
6/18/2010 20:00	1.936263	0.19	0.53
6/18/2010 20:15	1.917563	0.21	0.56
6/18/2010 20:30	1.883361	0.25	0.59
6/18/2010 20:45	1.85189	0.28	0.63
6/18/2010 21:00	1.815452	0.31	0.67
6/18/2010 21:15	1.774757	0.36	0.72
6/18/2010 21:30	1.732103	0.40	0.76
6/18/2010 21:45	1.686612	0.44	0.80
6/18/2010 22:00	1.622815	0.51	0.87
6/18/2010 22:15	1.555136	0.57	0.93
6/18/2010 22:30	1.487358	0.64	1.01
6/18/2010 22:45	1.419815	0.71	1.09
6/18/2010 23:00	1.363246	0.77	1.15
6/18/2010 23:15	1.30525	0.82	1.20
6/18/2010 23:30	1.245386	0.88	1.28
6/18/2010 23:45	1.188388	0.94	1.32
6/19/2010 0:00	1.127862	1.00	1.38
6/19/2010 0:15	1.075314	1.05	1.45
6/19/2010 0:30	1.029659	1.10	1.50
6/19/2010 0:45	0.993017	1.14	1.52
6/19/2010 1:00	0.964099	1.17	1.57
6/19/2010 1:15	0.940459	1.19	1.57
6/19/2010 1:30	0.92171	1.21	1.59
6/19/2010 1:45	0.900596	1.23	1.63
6/19/2010 2:00	0.886824	1.24	1.61
6/19/2010 2:15	0.87397	1.26	1.64
6/19/2010 2:30	0.879856	1.25	1.63
6/19/2010 2:45	0.896696	1.23	1.61
6/19/2010 3:00	0.924683	1.21	1.59
6/19/2010 3:15	0.955977	1.17	1.55
6/19/2010 3:30	0.989464	1.14	1.52
6/19/2010 3:45	1.020131	1.11	1.51
6/19/2010 4:00	1.045434	1.08	1.46
6/19/2010 4:15	1.07553	1.05	1.45
6/19/2010 4:30	1.111096	1.02	1.40
6/19/2010 4:45	1.147247	0.98	1.36
6/19/2010 5:00	1.181443	0.95	1.33
6/19/2010 5:15	1.222009	0.91	1.29
6/19/2010 5:30	1.261219	0.87	1.25
6/19/2010 5:45	1.291347	0.84	1.24
6/19/2010 6:00	1.325687	0.80	1.21
6/19/2010 6:15	1.357361	0.77	1.17
6/19/2010 6:30	1.382787	0.75	1.16
6/19/2010 6:45	1.403459	0.73	1.14
6/19/2010 7:00	1.429329	0.70	1.11
6/19/2010 7:15	1.450753	0.68	1.08
6/19/2010 7:30	1.468417	0.66	1.06
6/19/2010 7:45	1.480965	0.65	1.05
6/19/2010 8:00	1.493671	0.64	1.02
6/19/2010 8:15	1.488155	0.64	1.02
6/19/2010 8:30	1.476691	0.65	1.05
6/19/2010 8:45	1.465853	0.66	1.04

FMC-Gage (Parkside Marina)		
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)
6/18/2010 15:16	2.703606	0.13
6/18/2010 15:31	2.765978	0.06
6/18/2010 15:46	2.824413	0.01
6/18/2010 16:01	2.891572	-0.06
6/18/2010 16:16	2.945384	-0.12
6/18/2010 16:31	2.994809	-0.16
6/18/2010 16:46	3.008222	-0.18
6/18/2010 17:01	3.081609	-0.25
6/18/2010 17:16	3.144984	-0.31
6/18/2010 17:31	3.194001	-0.36
6/18/2010 17:46	3.234596	-0.40
6/18/2010 18:01	3.279092	-0.45
6/18/2010 18:16	3.294901	-0.46
6/18/2010 18:31	3.322775	-0.49
6/18/2010 18:46	3.36278	-0.53
6/18/2010 19:01	3.40139	-0.57
6/18/2010 19:16	3.428191	-0.60
6/18/2010 19:31	3.43248	-0.60
6/18/2010 19:46	3.407109	-0.58
6/18/2010 20:01	3.383944	-0.55
6/18/2010 20:16	3.326334	-0.50
6/18/2010 20:31	3.249235	-0.42
6/18/2010 20:46	3.194005	-0.36
6/18/2010 21:01	3.12566	-0.30
6/18/2010 21:16	3.051964	-0.22
6/18/2010 21:31	2.989952	-0.16
6/18/2010 21:46	2.903265	-0.07
6/18/2010 22:01	2.779253	0.05
6/18/2010 22:16	2.666609	0.16
6/18/2010 22:31	2.55804	0.27
6/18/2010 22:46	2.463223	0.37
6/18/2010 23:01	2.389961	0.44
6/18/2010 23:16	2.303042	0.53
6/18/2010 23:31	2.21974	0.61
6/18/2010 23:46	2.129317	0.70
6/19/2010 0:01	2.042058	0.79
6/19/2010 0:16	1.983885	0.85
6/19/2010 0:31	1.932292	0.90
6/19/2010 0:46	1.90029	0.93
6/19/2010 1:01	1.870311	0.96
6/19/2010 1:16	1.854739	0.98
6/19/2010 1:31	1.838846	0.99
6/19/2010 1:46	1.817683	1.01
6/19/2010 2:01	1.808617	1.02
6/19/2010 2:16	1.809797	1.02
6/19/2010 2:31	1.849149	0.98
6/19/2010 2:46	1.901157	0.93
6/19/2010 3:01	1.96679	0.86
6/19/2010 3:16	2.026674	0.80
6/19/2010 3:31	2.084682	0.75
6/19/2010 3:46	2.125512	0.70
6/19/2010 4:01	2.170141	0.66
6/19/2010 4:16	2.217701	0.61
6/19/2010 4:31	2.28239	0.55
6/19/2010 4:46	2.336619	0.49
6/19/2010 5:01	2.393674	0.44
6/19/2010 5:16	2.462418	0.37
6/19/2010 5:31	2.510647	0.32
6/19/2010 5:46	2.553384	0.28
6/19/2010 6:01	2.608618	0.22
6/19/2010 6:16	2.646092	0.18
6/19/2010 6:31	2.669699	0.16
6/19/2010 6:46	2.702023	0.13
6/19/2010 7:01	2.730999	0.10
6/19/2010 7:16	2.766546	0.06
6/19/2010 7:31	2.819159	0.01
6/19/2010 7:46	2.825114	0.00
6/19/2010 8:01	2.83629	-0.01
6/19/2010 8:16	2.799822	0.03

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
6/18/2010 10:30	30.149578	34.16
6/18/2010 10:45	30.150534	34.16
6/18/2010 11:00	30.150135	34.16
6/18/2010 11:15	30.147924	34.16
6/18/2010 11:30	30.151964	34.16
6/18/2010 11:45	30.152014	34.16
6/18/2010 12:00	30.152832	34.16
6/18/2010 12:15	30.149578	34.16
6/18/2010 12:30	30.150135	34.16
6/18/2010 12:45	30.147654	34.16
6/18/2010 13:00	30.147738	34.16
6/18/2010 13:15	30.149338	34.16
6/18/2010 13:30	30.146152	34.16
6/18/2010 13:45	30.137726	34.15
6/18/2010 14:00	30.134129	34.14
6/18/2010 14:15	30.134958	34.14
6/18/2010 14:30	30.131157	34.14
6/18/2010 14:45	30.127525	34.13
6/18/2010 15:00	30.131012	34.14
6/18/2010 15:15	30.1278	34.13
6/18/2010 15:30	30.12499	34.13
6/18/2010 15:45	30.118746	34.12
6/18/2010 16:00	30.117334	34.12
6/18/2010 16:15	30.118624	34.12
6/18/2010 16:30	30.112402	34.12
6/18/2010 16:45	30.109091	34.11
6/18/2010 17:00	30.105139	34.11
6/18/2010 17:15	30.101118	34.10
6/18/2010 17:30	30.097998	34.10
6/18/2010 17:45	30.093182	34.10
6/18/2010 18:00	30.093182	34.10
6/18/2010 18:15	30.088671	34.09
6/18/2010 18:30	30.087585	34.09
6/18/2010 18:45	30.087454	34.09
6/18/2010 19:00	30.084883	34.09
6/18/2010 19:15	30.084312	34.09
6/18/2010 19:30	30.096846	34.10
6/18/2010 19:45	30.09123	34.09
6/18/2010 20:00	30.085653	34.09
6/18/2010 20:15	30.094355	34.10
6/18/2010 20:30	30.092312	34.09
6/18/2010 20:45	30.100378	34.10
6/18/2010 21:00	30.107166	34.11
6/18/2010 21:15	30.102697	34.11
6/18/2010 21:30	30.102983	34.11
6/18/2010 21:45	30.101923	34.11
6/18/2010 22:00	30.110159	34.11
6/18/2010 22:15	30.104588	34.11
6/18/2010 22:30	30.112541	34.12
6/18/2010 22:45	30.122889	34.13
6/18/2010 23:00	30.123919	34.13
6/18/2010 23:15	30.122889	34.13
6/18/2010 23:30	30.129246	34.14
6/18/2010 23:45	30.121496	34.13
6/19/2010 0:00	30.122618	34.13
6/19/2010 0:15	30.133272	34.14
6/19/2010 0:30	30.133451	34.14
6/19/2010 0:45	30.120836	34.13
6/19/2010 1:00	30.13233	34.14
6/19/2010 1:15	30.126776	34.13
6/19/2010 1:30	30.121332	34.13
6/19/2010 1:45	30.13224	34.14
6/19/2010 2:00	30.118925	34.12
6/19/2010 2:15	30.125416	34.13
6/19/2010 2:30	30.124153	34.13
6/19/2010 2:45	30.124235	34.13
6/19/2010 3:00	30.12532	34.13
6/19/2010 3:15	30.127737	34.13
6/19/2010 3:30	30.123837	34.13

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/19/2010 9:00	1.440276	0.69	1.07
6/19/2010 9:15	1.403327	0.73	1.11
6/19/2010 9:30	1.369754	0.76	1.14
6/19/2010 9:45	1.345103	0.78	1.16
6/19/2010 10:00	1.316821	0.81	1.18
6/19/2010 10:15	1.276559	0.85	1.21
6/19/2010 10:30	1.231649	0.90	1.26
6/19/2010 10:45	1.16943	0.96	1.32
6/19/2010 11:00	1.110115	1.02	1.38
6/19/2010 11:15	1.062253	1.07	1.43
6/19/2010 11:30	1.017775	1.11	1.46
6/19/2010 11:45	0.977555	1.15	1.51
6/19/2010 12:00	0.931662	1.20	1.55
6/19/2010 12:15	0.889955	1.24	1.59
6/19/2010 12:30	0.851589	1.28	1.63
6/19/2010 12:45	0.814118	1.32	1.67
6/19/2010 13:00	0.779099	1.35	1.69
6/19/2010 13:15	0.750833	1.38	1.72
6/19/2010 13:30	0.724229	1.41	1.74
6/19/2010 13:45	0.7168	1.41	1.74
6/19/2010 14:00	0.715979	1.41	1.73
6/19/2010 14:15	0.717811	1.41	1.72
6/19/2010 14:30	0.7279	1.40	1.70
6/19/2010 14:45	0.732818	1.40	1.69
6/19/2010 15:00	0.744942	1.39	1.68
6/19/2010 15:15	0.769075	1.36	1.64
6/19/2010 15:30	0.790494	1.34	1.61
6/19/2010 15:45	0.825543	1.30	1.56
6/19/2010 16:00	0.861797	1.27	1.53
6/19/2010 16:15	0.903706	1.23	1.49
6/19/2010 16:30	0.947576	1.18	1.43
6/19/2010 16:45	0.984666	1.15	1.40
6/19/2010 17:00	1.015941	1.11	1.36
6/19/2010 17:15	1.048522	1.08	1.33
6/19/2010 17:30	1.089029	1.04	1.28
6/19/2010 17:45	1.126825	1.00	1.24
6/19/2010 18:00	1.168406	0.96	1.20
6/19/2010 18:15	1.21687	0.91	1.13
6/19/2010 18:30	1.26072	0.87	1.10
6/19/2010 18:45	1.307423	0.82	1.04
6/19/2010 19:00	1.353594	0.78	1.00
6/19/2010 19:15	1.390247	0.74	0.96
6/19/2010 19:30	1.425108	0.70	0.92
6/19/2010 19:45	1.458709	0.67	0.88
6/19/2010 20:00	1.488908	0.64	0.87
6/19/2010 20:15	1.508513	0.62	0.85
6/19/2010 20:30	1.519866	0.61	0.83
6/19/2010 20:45	1.529521	0.60	0.82
6/19/2010 21:00	1.525715	0.60	0.82
6/19/2010 21:15	1.507621	0.62	0.83
6/19/2010 21:30	1.483443	0.65	0.87
6/19/2010 21:45	1.44983	0.68	0.90
6/19/2010 22:00	1.394095	0.74	0.96
6/19/2010 22:15	1.331513	0.80	1.02
6/19/2010 22:30	1.281395	0.85	1.07
6/19/2010 22:45	1.219455	0.91	1.14
6/19/2010 23:00	1.151739	0.98	1.20
6/19/2010 23:15	1.101417	1.03	1.26
6/19/2010 23:30	1.035223	1.09	1.31
6/19/2010 23:45	0.976391	1.15	1.38
6/20/2010 0:00	0.909962	1.22	1.44
6/20/2010 0:15	0.840252	1.29	1.52
6/20/2010 0:30	0.777811	1.35	1.57
6/20/2010 0:45	0.714128	1.42	1.63
6/20/2010 1:00	0.661524	1.47	1.68
6/20/2010 1:15	0.61407	1.52	1.73
6/20/2010 1:30	0.573085	1.56	1.76
6/20/2010 1:45	0.529223	1.60	1.81
6/20/2010 2:00	0.49891	1.63	1.84

FMC-Gage (Parkside Marina)		
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)
6/19/2010 8:31	2.769863	0.06
6/19/2010 8:46	2.740757	0.09
6/19/2010 9:01	2.678299	0.15
6/19/2010 9:16	2.610511	0.22
6/19/2010 9:31	2.559021	0.27
6/19/2010 9:46	2.52864	0.30
6/19/2010 10:01	2.476389	0.35
6/19/2010 10:16	2.400073	0.43
6/19/2010 10:31	2.323836	0.51
6/19/2010 10:46	2.206092	0.62
6/19/2010 11:01	2.116713	0.71
6/19/2010 11:16	2.060219	0.77
6/19/2010 11:31	1.998444	0.83
6/19/2010 11:46	1.943412	0.89
6/19/2010 12:01	1.878908	0.95
6/19/2010 12:16	1.822124	1.01
6/19/2010 12:31	1.773352	1.06
6/19/2010 12:46	1.72349	1.11
6/19/2010 13:01	1.672388	1.16
6/19/2010 13:16	1.654022	1.18
6/19/2010 13:31	1.616224	1.21
6/19/2010 13:46	1.651252	1.18
6/19/2010 14:01	1.660376	1.17
6/19/2010 14:16	1.672336	1.16
6/19/2010 14:31	1.708531	1.12
6/19/2010 14:46	1.711067	1.12
6/19/2010 15:01	1.755803	1.07
6/19/2010 15:16	1.798176	1.03
6/19/2010 15:31	1.845693	0.98
6/19/2010 15:46	1.91303	0.92
6/19/2010 16:01	1.979203	0.85
6/19/2010 16:16	2.05815	0.77
6/19/2010 16:31	2.118184	0.71
6/19/2010 16:46	2.163136	0.67
6/19/2010 17:01	2.207357	0.62
6/19/2010 17:16	2.256883	0.57
6/19/2010 17:31	2.324076	0.51
6/19/2010 17:46	2.374406	0.46
6/19/2010 18:01	2.453984	0.38
6/19/2010 18:16	2.522995	0.31
6/19/2010 18:31	2.587698	0.24
6/19/2010 18:46	2.65593	0.17
6/19/2010 19:01	2.713963	0.12
6/19/2010 19:16	2.759938	0.07
6/19/2010 19:31	2.801044	0.03
6/19/2010 19:46	2.846282	-0.02
6/19/2010 20:01	2.877757	-0.05
6/19/2010 20:16	2.887312	-0.06
6/19/2010 20:31	2.889733	-0.06
6/19/2010 20:46	2.887718	-0.06
6/19/2010 21:01	2.85425	-0.02
6/19/2010 21:16	2.804565	0.03
6/19/2010 21:31	2.754264	0.08
6/19/2010 21:46	2.670462	0.16
6/19/2010 22:01	2.551841	0.28
6/19/2010 22:16	2.45694	0.37
6/19/2010 22:31	2.386856	0.44
6/19/2010 22:46	2.267696	0.56
6/19/2010 23:01	2.17632	0.65
6/19/2010 23:16	2.111706	0.72
6/19/2010 23:31	1.987578	0.84
6/19/2010 23:46	1.912809	0.92
6/20/2010 0:01	1.807851	1.02
6/20/2010 0:16	1.705062	1.12
6/20/2010 0:31	1.622348	1.21
6/20/2010 0:46	1.529786	1.30
6/20/2010 1:01	1.472132	1.36
6/20/2010 1:16	1.421698	1.41
6/20/2010 1:31	1.370764	1.46

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
6/19/2010 3:45	30.129169	34.14
6/19/2010 4:00	30.126299	34.13
6/19/2010 4:15	30.130255	34.14
6/19/2010 4:30	30.127007	34.13
6/19/2010 4:45	30.124235	34.13
6/19/2010 5:00	30.127264	34.13
6/19/2010 5:15	30.126802	34.13
6/19/2010 5:30	30.125416	34.13
6/19/2010 5:45	30.129772	34.14
6/19/2010 6:00	30.137167	34.15
6/19/2010 6:15	30.13443	34.14
6/19/2010 6:30	30.137625	34.15
6/19/2010 6:45	30.137861	34.15
6/19/2010 7:00	30.139822	34.15
6/19/2010 7:15	30.131445	34.14
6/19/2010 7:30	30.131445	34.14
6/19/2010 7:45	30.128227	34.14
6/19/2010 8:00	30.124153	34.13
6/19/2010 8:15	30.127737	34.13
6/19/2010 8:30	30.129597	34.14
6/19/2010 8:45	30.125818	34.13
6/19/2010 9:00	30.123539	34.13
6/19/2010 9:15	30.125818	34.13
6/19/2010 9:30	30.123919	34.13
6/19/2010 9:45	30.120251	34.13
6/19/2010 10:00	30.116199	34.12
6/19/2010 10:15	30.103718	34.11
6/19/2010 10:30	30.105591	34.11
6/19/2010 10:45	30.102907	34.11
6/19/2010 11:00	30.105217	34.11
6/19/2010 11:15	30.103718	34.11
6/19/2010 11:30	30.101458	34.10
6/19/2010 11:45	30.10219	34.11
6/19/2010 12:00	30.096394	34.10
6/19/2010 12:15	30.096241	34.10
6/19/2010 12:30	30.095121	34.10
6/19/2010 12:45	30.0937	34.10
6/19/2010 13:00	30.089289	34.09
6/19/2010 13:15	30.088783	34.09
6/19/2010 13:30	30.083391	34.08
6/19/2010 13:45	30.075506	34.08
6/19/2010 14:00	30.072536	34.07
6/19/2010 14:15	30.062134	34.06
6/19/2010 14:30	30.054914	34.05
6/19/2010 14:45	30.046509	34.04
6/19/2010 15:00	30.044502	34.04
6/19/2010 15:15	30.031897	34.03
6/19/2010 15:30	30.029322	34.02
6/19/2010 15:45	30.021009	34.01
6/19/2010 16:00	30.018417	34.01
6/19/2010 16:15	30.016989	34.01
6/19/2010 16:30	30.01273	34.00
6/19/2010 16:45	30.013117	34.00
6/19/2010 17:00	30.01273	34.00
6/19/2010 17:15	30.005116	34.00
6/19/2010 17:30	30.003704	33.99
6/19/2010 17:45	29.99943	33.99
6/19/2010 18:00	30.002428	33.99
6/19/2010 18:15	29.985682	33.97
6/19/2010 18:30	29.988302	33.98
6/19/2010 18:45	29.983116	33.97
6/19/2010 19:00	29.981745	33.97
6/19/2010 19:15	29.983532	33.97
6/19/2010 19:30	29.979067	33.97
6/19/2010 19:45	29.975666	33.96
6/19/2010 20:00	29.988256	33.98
6/19/2010 20:15	29.986853	33.98
6/19/2010 20:30	29.983971	33.97
6/19/2010 20:45	29.982063	33.97

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/20/2010 2:15	0.471774	1.66	1.86
6/20/2010 2:30	0.450778	1.68	1.87
6/20/2010 2:45	0.434026	1.70	1.89
6/20/2010 3:00	0.423266	1.71	1.90
6/20/2010 3:15	0.42155	1.71	1.89
6/20/2010 3:30	0.430895	1.70	1.87
6/20/2010 3:45	0.444516	1.69	1.86
6/20/2010 4:00	0.472318	1.66	1.83
6/20/2010 4:15	0.495398	1.63	1.80
6/20/2010 4:30	0.521918	1.61	1.79
6/20/2010 4:45	0.549595	1.58	1.75
6/20/2010 5:00	0.581694	1.55	1.73
6/20/2010 5:15	0.62817	1.50	1.68
6/20/2010 5:30	0.668796	1.46	1.64
6/20/2010 5:45	0.709815	1.42	1.60
6/20/2010 6:00	0.750584	1.38	1.56
6/20/2010 6:15	0.797891	1.33	1.51
6/20/2010 6:30	0.843852	1.29	1.48
6/20/2010 6:45	0.891004	1.24	1.44
6/20/2010 7:00	0.939826	1.19	1.39
6/20/2010 7:15	0.987897	1.14	1.34
6/20/2010 7:30	1.036538	1.09	1.29
6/20/2010 7:45	1.088702	1.04	1.25
6/20/2010 8:00	1.137265	0.99	1.20
6/20/2010 8:15	1.18554	0.94	1.15
6/20/2010 8:30	1.232344	0.90	1.12
6/20/2010 8:45	1.270715	0.86	1.08
6/20/2010 9:00	1.306891	0.82	1.04
6/20/2010 9:15	1.342897	0.79	1.01
6/20/2010 9:30	1.37272	0.76	0.97
6/20/2010 9:45	1.400575	0.73	0.94
6/20/2010 10:00	1.422465	0.71	0.92
6/20/2010 10:15	1.435974	0.69	0.89
6/20/2010 10:30	1.434564	0.70	0.91
6/20/2010 10:45	1.430155	0.70	0.90
6/20/2010 11:00	1.419999	0.71	0.91
6/20/2010 11:15	1.400622	0.73	0.92
6/20/2010 11:30	1.388959	0.74	0.93
6/20/2010 11:45	1.366212	0.76	0.95
6/20/2010 12:00	1.345803	0.78	0.97
6/20/2010 12:15	1.32491	0.81	1.00
6/20/2010 12:30	1.297305	0.83	1.02
6/20/2010 12:45	1.273851	0.86	1.05
6/20/2010 13:00	1.246528	0.88	1.06
6/20/2010 13:15	1.221303	0.91	1.09
6/20/2010 13:30	1.201093	0.93	1.10
6/20/2010 13:45	1.183728	0.95	1.12
6/20/2010 14:00	1.177828	0.95	1.12
6/20/2010 14:15	1.175228	0.95	1.11
6/20/2010 14:30	1.180185	0.95	1.11
6/20/2010 14:45	1.189378	0.94	1.10
6/20/2010 15:00	1.206157	0.92	1.08
6/20/2010 15:15	1.222309	0.91	1.08
6/20/2010 15:30	1.237354	0.89	1.06
6/20/2010 15:45	1.26616	0.86	1.02
6/20/2010 16:00	1.30155	0.83	0.99
6/20/2010 16:15	1.328922	0.80	0.95
6/20/2010 16:30	1.370784	0.76	0.92
6/20/2010 16:45	1.422569	0.71	0.87
6/20/2010 17:00	1.468541	0.66	0.81
6/20/2010 17:15	1.513661	0.62	0.78
6/20/2010 17:30	1.556825	0.57	0.72
6/20/2010 17:45	1.596807	0.53	0.69
6/20/2010 18:00	1.638652	0.49	0.66
6/20/2010 18:15	1.67847	0.45	0.61
6/20/2010 18:30	1.717777	0.41	0.56
6/20/2010 18:45	1.758331	0.37	0.53
6/20/2010 19:00	1.783544	0.35	0.51
6/20/2010 19:15	1.825676	0.30	0.47

FMC-Gage (Parkside Marina)		
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)
6/20/2010 1:46	1.310678	1.52
6/20/2010 2:01	1.291862	1.54
6/20/2010 2:16	1.260473	1.57
6/20/2010 2:31	1.249333	1.58
6/20/2010 2:46	1.234432	1.60
6/20/2010 3:01	1.239218	1.59
6/20/2010 3:16	1.256739	1.57
6/20/2010 3:31	1.289407	1.54
6/20/2010 3:46	1.337188	1.49
6/20/2010 4:01	1.396999	1.43
6/20/2010 4:16	1.428554	1.40
6/20/2010 4:31	1.487642	1.34
6/20/2010 4:46	1.530936	1.30
6/20/2010 5:01	1.596614	1.23
6/20/2010 5:16	1.681328	1.15
6/20/2010 5:31	1.740152	1.09
6/20/2010 5:46	1.809343	1.02
6/20/2010 6:01	1.867756	0.96
6/20/2010 6:16	1.947259	0.88
6/20/2010 6:31	2.017918	0.81
6/20/2010 6:46	2.099947	0.73
6/20/2010 7:01	2.160455	0.67
6/20/2010 7:16	2.227687	0.60
6/20/2010 7:31	2.303172	0.53
6/20/2010 7:46	2.382956	0.45
6/20/2010 8:01	2.449861	0.38
6/20/2010 8:16	2.516197	0.31
6/20/2010 8:31	2.586959	0.24
6/20/2010 8:46	2.623478	0.21
6/20/2010 9:01	2.675037	0.15
6/20/2010 9:16	2.712417	0.12
6/20/2010 9:31	2.747098	0.08
6/20/2010 9:46	2.780298	0.05
6/20/2010 10:01	2.796654	0.03
6/20/2010 10:16	2.790977	0.04
6/20/2010 10:31	2.767061	0.06
6/20/2010 10:46	2.75052	0.08
6/20/2010 11:01	2.718108	0.11
6/20/2010 11:16	2.679153	0.15
6/20/2010 11:31	2.656873	0.17
6/20/2010 11:46	2.608337	0.22
6/20/2010 12:01	2.573284	0.26
6/20/2010 12:16	2.533335	0.30
6/20/2010 12:31	2.492863	0.34
6/20/2010 12:46	2.457748	0.37
6/20/2010 13:01	2.409815	0.42
6/20/2010 13:16	2.371975	0.46
6/20/2010 13:31	2.348874	0.48
6/20/2010 13:46	2.331764	0.50
6/20/2010 14:01	2.335588	0.49
6/20/2010 14:16	2.338343	0.49
6/20/2010 14:31	2.360858	0.47
6/20/2010 14:46	2.386993	0.44
6/20/2010 15:01	2.425949	0.40
6/20/2010 15:16	2.451296	0.38
6/20/2010 15:31	2.465259	0.36
6/20/2010 15:46	2.542701	0.29
6/20/2010 16:01	2.590765	0.24
6/20/2010 16:16	2.632952	0.20
6/20/2010 16:31	2.711764	0.12
6/20/2010 16:46	2.797924	0.03
6/20/2010 17:01	2.872298	-0.04
6/20/2010 17:16	2.95378	-0.12
6/20/2010 17:31	3.003142	-0.17
6/20/2010 17:46	3.064739	-0.23
6/20/2010 18:01	3.122689	-0.29
6/20/2010 18:16	3.173962	-0.34
6/20/2010 18:31	3.237796	-0.41
6/20/2010 18:46	3.275397	-0.45

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
6/19/2010 21:00	29.980553	33.97
6/19/2010 21:15	29.975361	33.96
6/19/2010 21:30	29.979723	33.97
6/19/2010 21:45	29.981869	33.97
6/19/2010 22:00	29.985865	33.97
6/19/2010 22:15	29.979067	33.97
6/19/2010 22:30	29.979582	33.97
6/19/2010 22:45	29.990028	33.98
6/19/2010 23:00	29.983282	33.97
6/19/2010 23:15	29.991831	33.98
6/19/2010 23:30	29.981745	33.97
6/19/2010 23:45	29.987165	33.98
6/20/2010 0:00	29.979198	33.97
6/20/2010 0:15	29.987011	33.98
6/20/2010 0:30	29.982759	33.97
6/20/2010 0:45	29.975943	33.96
6/20/2010 1:00	29.970839	33.96
6/20/2010 1:15	29.970249	33.96
6/20/2010 1:30	29.967344	33.95
6/20/2010 1:45	29.972565	33.96
6/20/2010 2:00	29.972649	33.96
6/20/2010 2:15	29.969002	33.95
6/20/2010 2:30	29.956642	33.94
6/20/2010 2:45	29.954414	33.94
6/20/2010 3:00	29.952198	33.94
6/20/2010 3:15	29.946716	33.93
6/20/2010 3:30	29.938442	33.92
6/20/2010 3:45	29.940775	33.92
6/20/2010 4:00	29.939468	33.92
6/20/2010 4:15	29.94175	33.92
6/20/2010 4:30	29.94278	33.93
6/20/2010 4:45	29.942169	33.92
6/20/2010 5:00	29.94278	33.93
6/20/2010 5:15	29.944889	33.93
6/20/2010 5:30	29.944225	33.93
6/20/2010 5:45	29.942987	33.93
6/20/2010 6:00	29.948151	33.93
6/20/2010 6:15	29.950993	33.93
6/20/2010 6:30	29.9529	33.94
6/20/2010 6:45	29.962912	33.95
6/20/2010 7:00	29.961006	33.95
6/20/2010 7:15	29.96612	33.95
6/20/2010 7:30	29.967796	33.95
6/20/2010 7:45	29.970713	33.96
6/20/2010 8:00	29.973364	33.96
6/20/2010 8:15	29.976835	33.96
6/20/2010 8:30	29.982529	33.97
6/20/2010 8:45	29.979198	33.97
6/20/2010 9:00	29.981125	33.97
6/20/2010 9:15	29.981407	33.97
6/20/2010 9:30	29.97471	33.96
6/20/2010 9:45	29.977407	33.96
6/20/2010 10:00	29.971727	33.96
6/20/2010 10:15	29.969002	33.95
6/20/2010 10:30	29.976128	33.96
6/20/2010 10:45	29.968019	33.95
6/20/2010 11:00	29.965651	33.95
6/20/2010 11:15	29.957228	33.94
6/20/2010 11:30	29.958242	33.94
6/20/2010 11:45	29.95598	33.94
6/20/2010 12:00	29.958652	33.94
6/20/2010 12:15	29.954699	33.94
6/20/2010 12:30	29.956795	33.94
6/20/2010 12:45	29.952652	33.94
6/20/2010 13:00	29.945709	33.93
6/20/2010 13:15	29.947786	33.93
6/20/2010 13:30	29.942461	33.92
6/20/2010 13:45	29.94161	33.92
6/20/2010 14:00	29.937435	33.92

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/20/2010 19:30	1.872113	0.26	0.44
6/20/2010 19:45	1.910529	0.22	0.39
6/20/2010 20:00	1.952137	0.18	0.36
6/20/2010 20:15	1.983248	0.15	0.33
6/20/2010 20:30	2.013517	0.12	0.30
6/20/2010 20:45	2.03516	0.09	0.28
6/20/2010 21:00	2.048052	0.08	0.28
6/20/2010 21:15	2.05889	0.07	0.27
6/20/2010 21:30	2.060824	0.07	0.29
6/20/2010 21:45	2.057333	0.07	0.30
6/20/2010 22:00	2.042886	0.09	0.32
6/20/2010 22:15	2.019655	0.11	0.34
6/20/2010 22:30	1.984324	0.15	0.39
6/20/2010 22:45	1.94062	0.19	0.42
6/20/2010 23:00	1.893965	0.24	0.48
6/20/2010 23:15	1.850637	0.28	0.52
6/20/2010 23:30	1.79874	0.33	0.57
6/20/2010 23:45	1.741312	0.39	0.64
6/21/2010 0:00	1.678929	0.45	0.70
6/21/2010 0:15	1.605001	0.52	0.77
6/21/2010 0:30	1.533731	0.60	0.84
6/21/2010 0:45	1.465219	0.66	0.91
6/21/2010 1:00	1.404986	0.73	0.97
6/21/2010 1:15	1.344061	0.79	1.04
6/21/2010 1:30	1.27666	0.85	1.09
6/21/2010 1:45	1.220598	0.91	1.16
6/21/2010 2:00	1.158759	0.97	1.22
6/21/2010 2:15	1.104694	1.03	1.28
6/21/2010 2:30	1.059496	1.07	1.32
6/21/2010 2:45	1.015352	1.11	1.36
6/21/2010 3:00	0.98211	1.15	1.39
6/21/2010 3:15	0.950773	1.18	1.43
6/21/2010 3:30	0.92735	1.20	1.44
6/21/2010 3:45	0.90998	1.22	1.46
6/21/2010 4:00	0.897398	1.23	1.48
6/21/2010 4:15	0.90103	1.23	1.48
6/21/2010 4:30	0.907779	1.22	1.47
6/21/2010 4:45	0.927011	1.20	1.45
6/21/2010 5:00	0.958634	1.17	1.43
6/21/2010 5:15	0.987047	1.14	1.41
6/21/2010 5:30	1.015536	1.11	1.39
6/21/2010 5:45	1.054683	1.08	1.37
6/21/2010 6:00	1.090448	1.04	1.34
6/21/2010 6:15	1.135484	0.99	1.30
6/21/2010 6:30	1.18227	0.95	1.28
6/21/2010 6:45	1.228739	0.90	1.23
6/21/2010 7:00	1.278906	0.85	1.18
6/21/2010 7:15	1.328835	0.80	1.13
6/21/2010 7:30	1.380859	0.75	1.09
6/21/2010 7:45	1.430529	0.70	1.04
6/21/2010 8:00	1.477143	0.65	1.00
6/21/2010 8:15	1.52701	0.60	0.96
6/21/2010 8:30	1.576974	0.55	0.90
6/21/2010 8:45	1.629159	0.50	0.85
6/21/2010 9:00	1.681663	0.45	0.79
6/21/2010 9:15	1.729783	0.40	0.74
6/21/2010 9:30	1.772998	0.36	0.71
6/21/2010 9:45	1.81829	0.31	0.66
6/21/2010 10:00	1.855389	0.27	0.62
6/21/2010 10:15	1.89074	0.24	0.59
6/21/2010 10:30	1.926378	0.20	0.55
6/21/2010 10:45	1.948713	0.18	0.52
6/21/2010 11:00	1.958203	0.17	0.51
6/21/2010 11:15	1.973245	0.16	0.50
6/21/2010 11:30	1.973902	0.16	0.50
6/21/2010 11:45	1.971665	0.16	0.50
6/21/2010 12:00	1.96165	0.17	0.51
6/21/2010 12:15	1.950753	0.18	0.51
6/21/2010 12:30	1.934651	0.20	0.54

FMC-Gage (Parkside Marina)		
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)
6/20/2010 19:01	3.299795	-0.47
6/20/2010 19:16	3.386087	-0.56
6/20/2010 19:31	3.445082	-0.62
6/20/2010 19:46	3.499471	-0.67
6/20/2010 20:01	3.549978	-0.72
6/20/2010 20:16	3.593069	-0.76
6/20/2010 20:31	3.648197	-0.82
6/20/2010 20:46	3.641806	-0.81
6/20/2010 21:01	3.647138	-0.82
6/20/2010 21:16	3.64587	-0.82
6/20/2010 21:31	3.630106	-0.80
6/20/2010 21:46	3.608431	-0.78
6/20/2010 22:01	3.563998	-0.73
6/20/2010 22:16	3.506456	-0.68
6/20/2010 22:31	3.437156	-0.61
6/20/2010 22:46	3.343256	-0.51
6/20/2010 23:01	3.270081	-0.44
6/20/2010 23:16	3.201011	-0.37
6/20/2010 23:31	3.107316	-0.28
6/20/2010 23:46	3.011316	-0.18
6/21/2010 0:01	2.899048	-0.07
6/21/2010 0:16	2.777007	0.05
6/21/2010 0:31	2.672404	0.16
6/21/2010 0:46	2.575559	0.25
6/21/2010 1:01	2.493391	0.34
6/21/2010 1:16	2.398027	0.43
6/21/2010 1:31	2.296525	0.53
6/21/2010 1:46	2.235643	0.59
6/21/2010 2:01	2.133627	0.70
6/21/2010 2:16	2.075491	0.75
6/21/2010 2:31	2.023172	0.81
6/21/2010 2:46	1.972469	0.86
6/21/2010 3:01	1.938496	0.89
6/21/2010 3:16	1.904827	0.93
6/21/2010 3:31	1.890472	0.94
6/21/2010 3:46	1.878547	0.95
6/21/2010 4:01	1.881243	0.95
6/21/2010 4:16	1.918774	0.91
6/21/2010 4:31	1.944652	0.89
6/21/2010 4:46	1.998485	0.83
6/21/2010 5:01	2.067711	0.76
6/21/2010 5:16	2.112952	0.72
6/21/2010 5:31	2.169193	0.66
6/21/2010 5:46	2.236099	0.59
6/21/2010 6:01	2.292993	0.54
6/21/2010 6:16	2.375236	0.45
6/21/2010 6:31	2.455647	0.37
6/21/2010 6:46	2.52126	0.31
6/21/2010 7:01	2.608516	0.22
6/21/2010 7:16	2.684347	0.15
6/21/2010 7:31	2.75921	0.07
6/21/2010 7:46	2.834618	0.00
6/21/2010 8:01	2.906848	-0.08
6/21/2010 8:16	2.968928	-0.14
6/21/2010 8:31	3.047385	-0.22
6/21/2010 8:46	3.124627	-0.29
6/21/2010 9:01	3.20117	-0.37
6/21/2010 9:16	3.263525	-0.43
6/21/2010 9:31	3.31604	-0.49
6/21/2010 9:46	3.371951	-0.54
6/21/2010 10:01	3.413075	-0.58
6/21/2010 10:16	3.460132	-0.63
6/21/2010 10:31	3.506071	-0.68
6/21/2010 10:46	3.509649	-0.68
6/21/2010 11:01	3.509241	-0.68
6/21/2010 11:16	3.51584	-0.69
6/21/2010 11:31	3.509998	-0.68
6/21/2010 11:46	3.490038	-0.66
6/21/2010 12:01	3.4465	-0.62

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
6/20/2010 14:15	29.93194	33.91
6/20/2010 14:30	29.929918	33.91
6/20/2010 14:45	29.933018	33.91
6/20/2010 15:00	29.930637	33.91
6/20/2010 15:15	29.935043	33.92
6/20/2010 15:30	29.934572	33.92
6/20/2010 15:45	29.931694	33.91
6/20/2010 16:00	29.927898	33.91
6/20/2010 16:15	29.924599	33.90
6/20/2010 16:30	29.929329	33.91
6/20/2010 16:45	29.931456	33.91
6/20/2010 17:00	29.924891	33.90
6/20/2010 17:15	29.926739	33.91
6/20/2010 17:30	29.924957	33.90
6/20/2010 17:45	29.928926	33.91
6/20/2010 18:00	29.93449	33.92
6/20/2010 18:15	29.928617	33.91
6/20/2010 18:30	29.923037	33.90
6/20/2010 18:45	29.927898	33.91
6/20/2010 19:00	29.933458	33.91
6/20/2010 19:15	29.941547	33.92
6/20/2010 19:30	29.944513	33.93
6/20/2010 19:45	29.94175	33.92
6/20/2010 20:00	29.942892	33.93
6/20/2010 20:15	29.946899	33.93
6/20/2010 20:30	29.950209	33.93
6/20/2010 20:45	29.955132	33.94
6/20/2010 21:00	29.964796	33.95
6/20/2010 21:15	29.966331	33.95
6/20/2010 21:30	29.980913	33.97
6/20/2010 21:45	29.988861	33.98
6/20/2010 22:00	29.987011	33.98
6/20/2010 22:15	29.993311	33.98
6/20/2010 22:30	30.000538	33.99
6/20/2010 22:45	29.993658	33.98
6/20/2010 23:00	30.001005	33.99
6/20/2010 23:15	29.997635	33.99
6/20/2010 23:30	30.004139	33.99
6/20/2010 23:45	30.009018	34.00
6/21/2010 0:00	30.00701	34.00
6/21/2010 0:15	30.005865	34.00
6/21/2010 0:30	30.000347	33.99
6/21/2010 0:45	30.005018	34.00
6/21/2010 1:00	29.997259	33.99
6/21/2010 1:15	30.006577	34.00
6/21/2010 1:30	30.003317	33.99
6/21/2010 1:45	30.006577	34.00
6/21/2010 2:00	30.005548	34.00
6/21/2010 2:15	30.010344	34.00
6/21/2010 2:30	30.008863	34.00
6/21/2010 2:45	30.009293	34.00
6/21/2010 3:00	30.002047	33.99
6/21/2010 3:15	30.004755	34.00
6/21/2010 3:30	30.00279	33.99
6/21/2010 3:45	30.003658	33.99
6/21/2010 4:00	30.007757	34.00
6/21/2010 4:15	30.008486	34.00
6/21/2010 4:30	30.009647	34.00
6/21/2010 4:45	30.011875	34.00
6/21/2010 5:00	30.020309	34.01
6/21/2010 5:15	30.023932	34.02
6/21/2010 5:30	30.032337	34.03
6/21/2010 5:45	30.042582	34.04
6/21/2010 6:00	30.055285	34.05
6/21/2010 6:15	30.065514	34.06
6/21/2010 6:30	30.076542	34.08
6/21/2010 6:45	30.081421	34.08
6/21/2010 7:00	30.081684	34.08
6/21/2010 7:15	30.083313	34.08

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/21/2010 12:45	1.907096	0.22	0.56
6/21/2010 13:00	1.883703	0.25	0.58
6/21/2010 13:15	1.868976	0.26	0.59
6/21/2010 13:30	1.826845	0.30	0.63
6/21/2010 13:45	1.796509	0.33	0.65
6/21/2010 14:00	1.764559	0.37	0.69
6/21/2010 14:15	1.724344	0.41	0.73
6/21/2010 14:30	1.692881	0.44	0.76
6/21/2010 14:45	1.670234	0.46	0.77
6/21/2010 15:00	1.660649	0.47	0.78
6/21/2010 15:15	1.641187	0.49	0.81
6/21/2010 15:30	1.626058	0.50	0.82
6/21/2010 15:45	1.619131	0.51	0.83
6/21/2010 16:00	1.611626	0.52	0.83
6/21/2010 16:15	1.608017	0.52	0.83
6/21/2010 16:30	1.615022	0.51	0.82
6/21/2010 16:45	1.640452	0.49	0.80
6/21/2010 17:00	1.664665	0.47	0.78
6/21/2010 17:15	1.690229	0.44	0.75
6/21/2010 17:30	1.729098	0.40	0.71
6/21/2010 17:45	1.763184	0.37	0.68
6/21/2010 18:00	1.794379	0.34	0.65
6/21/2010 18:15	1.823255	0.31	0.62
6/21/2010 18:30	1.857394	0.27	0.59
6/21/2010 18:45	1.885413	0.24	0.55
6/21/2010 19:00	1.908259	0.22	0.54
6/21/2010 19:15	1.940155	0.19	0.51
6/21/2010 19:30	1.975249	0.15	0.47
6/21/2010 19:45	2.007633	0.12	0.45
6/21/2010 20:00	2.040453	0.09	0.42
6/21/2010 20:15	2.076643	0.05	0.38
6/21/2010 20:30	2.106418	0.02	0.36
6/21/2010 20:45	2.129373	0.00	0.34
6/21/2010 21:00	2.150067	-0.02	0.32
6/21/2010 21:15	2.171373	-0.04	0.31
6/21/2010 21:30	2.19098	-0.06	0.29
6/21/2010 21:45	2.202936	-0.07	0.28
6/21/2010 22:00	2.210036	-0.08	0.28
6/21/2010 22:15	2.208001	-0.08	0.29
6/21/2010 22:30	2.200978	-0.07	0.29
6/21/2010 22:45	2.184133	-0.05	0.31
6/21/2010 23:00	2.15915	-0.03	0.34
6/21/2010 23:15	2.131694	0.00	0.36
6/21/2010 23:30	2.081367	0.05	0.41
6/21/2010 23:45	2.028652	0.10	0.45
6/22/2010 0:00	1.978378	0.15	0.50
6/22/2010 0:15	1.920748	0.21	0.57
6/22/2010 0:30	1.856687	0.27	0.63
6/22/2010 0:45	1.788992	0.34	0.70
6/22/2010 1:00	1.721152	0.41	0.77
6/22/2010 1:15	1.650553	0.48	0.84
6/22/2010 1:30	1.576243	0.55	0.91
6/22/2010 1:45	1.510527	0.62	0.98
6/22/2010 2:00	1.44322	0.69	1.05
6/22/2010 2:15	1.375361	0.75	1.11
6/22/2010 2:30	1.315297	0.81	1.16
6/22/2010 2:45	1.253087	0.88	1.23
6/22/2010 3:00	1.190622	0.94	1.29
6/22/2010 3:15	1.133764	1.00	1.35
6/22/2010 3:30	1.086745	1.04	1.39
6/22/2010 3:45	1.040611	1.09	1.46
6/22/2010 4:00	1.007536	1.12	1.49
6/22/2010 4:15	0.973801	1.16	1.53
6/22/2010 4:30	0.945922	1.18	1.56
6/22/2010 4:45	0.921139	1.21	1.58
6/22/2010 5:00	0.910501	1.22	1.60
6/22/2010 5:15	0.914505	1.22	1.60
6/22/2010 5:30	0.929012	1.20	1.60
6/22/2010 5:45	0.945809	1.18	1.56

FMC-Gage (Parkside Marina)		
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)
6/21/2010 12:16	3.421678	-0.59
6/21/2010 12:31	3.38638	-0.56
6/21/2010 12:46	3.314583	-0.48
6/21/2010 13:01	3.311594	-0.48
6/21/2010 13:16	3.263818	-0.43
6/21/2010 13:31	3.169097	-0.34
6/21/2010 13:46	3.156626	-0.33
6/21/2010 14:01	3.081107	-0.25
6/21/2010 14:16	3.008089	-0.18
6/21/2010 14:31	2.969129	-0.14
6/21/2010 14:46	2.96928	-0.14
6/21/2010 15:01	2.959992	-0.13
6/21/2010 15:16	2.928433	-0.10
6/21/2010 15:31	2.908217	-0.08
6/21/2010 15:46	2.914312	-0.08
6/21/2010 16:01	2.899388	-0.07
6/21/2010 16:16	2.913422	-0.08
6/21/2010 16:31	2.946024	-0.12
6/21/2010 16:46	3.005292	-0.18
6/21/2010 17:01	3.046885	-0.22
6/21/2010 17:16	3.095942	-0.27
6/21/2010 17:31	3.161765	-0.33
6/21/2010 17:46	3.209945	-0.38
6/21/2010 18:01	3.254855	-0.42
6/21/2010 18:16	3.2991	-0.47
6/21/2010 18:31	3.355675	-0.53
6/21/2010 18:46	3.382872	-0.55
6/21/2010 19:01	3.411656	-0.58
6/21/2010 19:16	3.466993	-0.64
6/21/2010 19:31	3.52367	-0.69
6/21/2010 19:46	3.565121	-0.74
6/21/2010 20:01	3.620142	-0.79
6/21/2010 20:16	3.671311	-0.84
6/21/2010 20:31	3.70154	-0.87
6/21/2010 20:46	3.721945	-0.89
6/21/2010 21:01	3.744686	-0.91
6/21/2010 21:16	3.768171	-0.94
6/21/2010 21:31	3.788358	-0.96
6/21/2010 21:46	3.796704	-0.97
6/21/2010 22:01	3.78918	-0.96
6/21/2010 22:16	3.769318	-0.94
6/21/2010 22:31	3.748716	-0.92
6/21/2010 22:46	3.705686	-0.88
6/21/2010 23:01	3.659463	-0.83
6/21/2010 23:16	3.594746	-0.76
6/21/2010 23:31	3.487797	-0.66
6/21/2010 23:46	3.401252	-0.57
6/22/2010 0:01	3.321741	-0.49
6/22/2010 0:16	3.223263	-0.39
6/22/2010 0:31	3.115203	-0.29
6/22/2010 0:46	3.009222	-0.18
6/22/2010 1:01	2.903147	-0.07
6/22/2010 1:16	2.788091	0.04
6/22/2010 1:31	2.679381	0.15
6/22/2010 1:46	2.588398	0.24
6/22/2010 2:01	2.4877	0.34
6/22/2010 2:16	2.396888	0.43
6/22/2010 2:31	2.314129	0.52
6/22/2010 2:46	2.22604	0.60
6/22/2010 3:01	2.136731	0.69
6/22/2010 3:16	2.067882	0.76
6/22/2010 3:31	2.010849	0.82
6/22/2010 3:46	1.959847	0.87
6/22/2010 4:01	1.927362	0.90
6/22/2010 4:16	1.894623	0.94
6/22/2010 4:31	1.862311	0.97
6/22/2010 4:46	1.844486	0.99
6/22/2010 5:01	1.85768	0.97
6/22/2010 5:16	1.890703	0.94

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
6/21/2010 7:30	30.087421	34.09
6/21/2010 7:45	30.091984	34.09
6/21/2010 8:00	30.098434	34.10
6/21/2010 8:15	30.102303	34.11
6/21/2010 8:30	30.096655	34.10
6/21/2010 8:45	30.093336	34.10
6/21/2010 9:00	30.091984	34.09
6/21/2010 9:15	30.088518	34.09
6/21/2010 9:30	30.092739	34.10
6/21/2010 9:45	30.095943	34.10
6/21/2010 10:00	30.093065	34.10
6/21/2010 10:15	30.094172	34.10
6/21/2010 10:30	30.094748	34.10
6/21/2010 10:45	30.090069	34.09
6/21/2010 11:00	30.086954	34.09
6/21/2010 11:15	30.090345	34.09
6/21/2010 11:30	30.089432	34.09
6/21/2010 11:45	30.091305	34.09
6/21/2010 12:00	30.087078	34.09
6/21/2010 12:15	30.080835	34.08
6/21/2010 12:30	30.084122	34.09
6/21/2010 12:45	30.086849	34.09
6/21/2010 13:00	30.081684	34.08
6/21/2010 13:15	30.077288	34.08
6/21/2010 13:30	30.075678	34.08
6/21/2010 13:45	30.073618	34.07
6/21/2010 14:00	30.070919	34.07
6/21/2010 14:15	30.071735	34.07
6/21/2010 14:30	30.066689	34.07
6/21/2010 14:45	30.058489	34.06
6/21/2010 15:00	30.061459	34.06
6/21/2010 15:15	30.071604	34.07
6/21/2010 15:30	30.07266	34.07
6/21/2010 15:45	30.067356	34.07
6/21/2010 16:00	30.064447	34.06
6/21/2010 16:15	30.065836	34.06
6/21/2010 16:30	30.06365	34.06
6/21/2010 16:45	30.063562	34.06
6/21/2010 17:00	30.059982	34.06
6/21/2010 17:15	30.063387	34.06
6/21/2010 17:30	30.062088	34.06
6/21/2010 17:45	30.065514	34.06
6/21/2010 18:00	30.061594	34.06
6/21/2010 18:15	30.062592	34.06
6/21/2010 18:30	30.06698	34.07
6/21/2010 18:45	30.061459	34.06
6/21/2010 19:00	30.068419	34.07
6/21/2010 19:15	30.071993	34.07
6/21/2010 19:30	30.073238	34.07
6/21/2010 19:45	30.07715	34.08
6/21/2010 20:00	30.083435	34.08
6/21/2010 20:15	30.083302	34.08
6/21/2010 20:30	30.092136	34.09
6/21/2010 20:45	30.09164	34.09
6/21/2010 21:00	30.086618	34.09
6/21/2010 21:15	30.099035	34.10
6/21/2010 21:30	30.096056	34.10
6/21/2010 21:45	30.101061	34.10
6/21/2010 22:00	30.104891	34.11
6/21/2010 22:15	30.116381	34.12
6/21/2010 22:30	30.106478	34.11
6/21/2010 22:45	30.105949	34.11
6/21/2010 23:00	30.113237	34.12
6/21/2010 23:15	30.106075	34.11
6/21/2010 23:30	30.109812	34.11
6/21/2010 23:45	30.09988	34.10
6/22/2010 0:00	30.095255	34.10
6/22/2010 0:15	30.102629	34.11
6/22/2010 0:30	30.109812	34.11

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/22/2010 6:00	0.962207	1.17	1.57
6/22/2010 6:15	0.986031	1.14	1.54
6/22/2010 6:30	1.013633	1.12	1.53
6/22/2010 6:45	1.052599	1.08	1.49
6/22/2010 7:00	1.094449	1.04	1.46
6/22/2010 7:15	1.136662	0.99	1.40
6/22/2010 7:30	1.177865	0.95	1.37
6/22/2010 7:45	1.215264	0.91	1.33
6/22/2010 8:00	1.259769	0.87	1.29
6/22/2010 8:15	1.305643	0.82	1.24
6/22/2010 8:30	1.352258	0.78	1.20
6/22/2010 8:45	1.399637	0.73	1.15
6/22/2010 9:00	1.446714	0.68	1.10
6/22/2010 9:15	1.48937	0.64	1.05
6/22/2010 9:30	1.530619	0.60	1.01
6/22/2010 9:45	1.578396	0.55	0.97
6/22/2010 10:00	1.624953	0.51	0.93
6/22/2010 10:15	1.667818	0.46	0.87
6/22/2010 10:30	1.708689	0.42	0.83
6/22/2010 10:45	1.74934	0.38	0.79
6/22/2010 11:00	1.783555	0.35	0.76
6/22/2010 11:15	1.816096	0.31	0.72
6/22/2010 11:30	1.842547	0.29	0.70
6/22/2010 11:45	1.858956	0.27	0.68
6/22/2010 12:00	1.865901	0.26	0.67
6/22/2010 12:15	1.862487	0.27	0.67
6/22/2010 12:30	1.854857	0.28	0.68
6/22/2010 12:45	1.83969	0.29	0.67
6/22/2010 13:00	1.813938	0.32	0.69
6/22/2010 13:15	1.784587	0.35	0.71
6/22/2010 13:30	1.755395	0.37	0.72
6/22/2010 13:45	1.722444	0.41	0.75
6/22/2010 14:00	1.679376	0.45	0.78
6/22/2010 14:15	1.636889	0.49	0.81
6/22/2010 14:30	1.589719	0.54	0.86
6/22/2010 14:45	1.534866	0.60	0.92
6/22/2010 15:00	1.493685	0.64	0.95
6/22/2010 15:15	1.457335	0.67	0.98
6/22/2010 15:30	1.419738	0.71	1.01
6/22/2010 15:45	1.389234	0.74	1.04
6/22/2010 16:00	1.354142	0.78	1.08
6/22/2010 16:15	1.322021	0.81	1.10
6/22/2010 16:30	1.289057	0.84	1.11
6/22/2010 16:45	1.271354	0.86	1.13
6/22/2010 17:00	1.268088	0.86	1.12
6/22/2010 17:15	1.261935	0.87	1.13
6/22/2010 17:30	1.267269	0.86	1.11
6/22/2010 17:45	1.276588	0.85	1.10
6/22/2010 18:00	1.29041	0.84	1.09
6/22/2010 18:15	1.308509	0.82	1.07
6/22/2010 18:30	1.32513	0.80	1.05
6/22/2010 18:45	1.347097	0.78	1.02
6/22/2010 19:00	1.36634	0.76	1.00
6/22/2010 19:15	1.393123	0.74	1.02
6/22/2010 19:30	1.425739	0.70	0.95
6/22/2010 19:45	1.448701	0.68	0.92
6/22/2010 20:00	1.450401	0.68	0.94
6/22/2010 20:15	1.465111	0.66	0.90
6/22/2010 20:30	1.53111	0.60	0.85
6/22/2010 20:45	1.508481	0.62	0.87
6/22/2010 21:00	1.539434	0.59	0.84
6/22/2010 21:15	1.58079	0.55	0.81
6/22/2010 21:30	1.593684	0.54	0.82
6/22/2010 21:45	1.628085	0.50	0.78
6/22/2010 22:00	1.632181	0.50	0.79
6/22/2010 22:15	1.648324	0.48	0.78
6/22/2010 22:30	1.688942	0.44	0.74
6/22/2010 22:45	1.685851	0.44	0.74
6/22/2010 23:00	1.707347	0.42	0.73

FMC-Gage (Parkside Marina)		
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)
6/22/2010 5:31	1.936711	0.89
6/22/2010 5:46	1.978442	0.85
6/22/2010 6:01	2.015028	0.81
6/22/2010 6:16	2.063739	0.77
6/22/2010 6:31	2.116703	0.71
6/22/2010 6:46	2.196178	0.63
6/22/2010 7:01	2.264739	0.57
6/22/2010 7:16	2.338638	0.49
6/22/2010 7:31	2.39579	0.43
6/22/2010 7:46	2.451983	0.38
6/22/2010 8:01	2.54304	0.29
6/22/2010 8:16	2.601692	0.23
6/22/2010 8:31	2.673257	0.16
6/22/2010 8:46	2.741504	0.09
6/22/2010 9:01	2.809425	0.02
6/22/2010 9:16	2.865341	-0.04
6/22/2010 9:31	2.924437	-0.09
6/22/2010 9:46	2.999058	-0.17
6/22/2010 10:01	3.070907	-0.24
6/22/2010 10:16	3.121239	-0.29
6/22/2010 10:31	3.17783	-0.35
6/22/2010 10:46	3.232036	-0.40
6/22/2010 11:01	3.270504	-0.44
6/22/2010 11:16	3.307949	-0.48
6/22/2010 11:31	3.331757	-0.50
6/22/2010 11:46	3.339463	-0.51
6/22/2010 12:01	3.32315	-0.49
6/22/2010 12:16	3.298843	-0.47
6/22/2010 12:31	3.292169	-0.46
6/22/2010 12:46	3.231352	-0.40
6/22/2010 13:01	3.171162	-0.34
6/22/2010 13:16	3.122823	-0.29
6/22/2010 13:31	3.086151	-0.26
6/22/2010 13:46	3.006131	-0.18
6/22/2010 14:01	2.929692	-0.10
6/22/2010 14:16	2.866463	-0.04
6/22/2010 14:31	2.780085	0.05
6/22/2010 14:46	2.692376	0.14
6/22/2010 15:01	2.649822	0.18
6/22/2010 15:16	2.597672	0.23
6/22/2010 15:31	2.543375	0.29
6/22/2010 15:46	2.512758	0.32
6/22/2010 16:01	2.455851	0.37
6/22/2010 16:16	2.413401	0.42
6/22/2010 16:31	2.371199	0.46
6/22/2010 16:46	2.375928	0.45
6/22/2010 17:01	2.387584	0.44
6/22/2010 17:16	2.388231	0.44
6/22/2010 17:31	2.419527	0.41
6/22/2010 17:46	2.443913	0.39
6/22/2010 18:01	2.470428	0.36
6/22/2010 18:16	2.510737	0.32
6/22/2010 18:31	2.532857	0.30
6/22/2010 18:46	2.574677	0.26
6/22/2010 19:01	2.601774	0.23
6/22/2010 19:16	2.649373	0.18
6/22/2010 19:31	2.714962	0.12
6/22/2010 19:46	2.727797	0.10
6/22/2010 20:01	2.701011	0.13
6/22/2010 20:16	2.775638	0.05
6/22/2010 20:31	2.890125	-0.06
6/22/2010 20:46	2.756993	0.07
6/22/2010 21:01	2.881682	-0.05
6/22/2010 21:16	2.924451	-0.09
6/22/2010 21:31	2.936137	-0.11
6/22/2010 21:46	3.00486	-0.17
6/22/2010 22:01	2.962677	-0.13
6/22/2010 22:16	3.023302	-0.19
6/22/2010 22:31	3.097515	-0.27

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
6/22/2010 0:45	30.102324	34.11
6/22/2010 1:00	30.102701	34.11
6/22/2010 1:15	30.103882	34.11
6/22/2010 1:30	30.109062	34.11
6/22/2010 1:45	30.105177	34.11
6/22/2010 2:00	30.108194	34.11
6/22/2010 2:15	30.101885	34.11
6/22/2010 2:30	30.09396	34.10
6/22/2010 2:45	30.09988	34.10
6/22/2010 3:00	30.094522	34.10
6/22/2010 3:15	30.100441	34.10
6/22/2010 3:30	30.101061	34.10
6/22/2010 3:45	30.1105	34.12
6/22/2010 4:00	30.116535	34.12
6/22/2010 4:15	30.115042	34.12
6/22/2010 4:30	30.119898	34.13
6/22/2010 4:45	30.118872	34.12
6/22/2010 5:00	30.127729	34.13
6/22/2010 5:15	30.127729	34.13
6/22/2010 5:30	30.130947	34.14
6/22/2010 5:45	30.126282	34.13
6/22/2010 6:00	30.136698	34.14
6/22/2010 6:15	30.13302	34.14
6/22/2010 6:30	30.142145	34.15
6/22/2010 6:45	30.143675	34.15
6/22/2010 7:00	30.149084	34.16
6/22/2010 7:15	30.141544	34.15
6/22/2010 7:30	30.150225	34.16
6/22/2010 7:45	30.152149	34.16
6/22/2010 8:00	30.14802	34.16
6/22/2010 8:15	30.152609	34.16
6/22/2010 8:30	30.149647	34.16
6/22/2010 8:45	30.148891	34.16
6/22/2010 9:00	30.149734	34.16
6/22/2010 9:15	30.14418	34.15
6/22/2010 9:30	30.144623	34.15
6/22/2010 9:45	30.148277	34.16
6/22/2010 10:00	30.147982	34.16
6/22/2010 10:15	30.145283	34.15
6/22/2010 10:30	30.141579	34.15
6/22/2010 10:45	30.141447	34.15
6/22/2010 11:00	30.143064	34.15
6/22/2010 11:15	30.139303	34.15
6/22/2010 11:30	30.139719	34.15
6/22/2010 11:45	30.139254	34.15
6/22/2010 12:00	30.1413	34.15
6/22/2010 12:15	30.135521	34.14
6/22/2010 12:30	30.13343	34.14
6/22/2010 12:45	30.122654	34.13
6/22/2010 13:00	30.116919	34.12
6/22/2010 13:15	30.107374	34.11
6/22/2010 13:30	30.099966	34.10
6/22/2010 13:45	30.091726	34.09
6/22/2010 14:00	30.081438	34.08
6/22/2010 14:15	30.071177	34.07
6/22/2010 14:30	30.066496	34.07
6/22/2010 14:45	30.068886	34.07
6/22/2010 15:00	30.064316	34.06
6/22/2010 15:15	30.058182	34.06
6/22/2010 15:30	30.055679	34.05
6/22/2010 15:45	30.049862	34.05
6/22/2010 16:00	30.05068	34.05
6/22/2010 16:15	30.040047	34.04
6/22/2010 16:30	30.030151	34.02
6/22/2010 16:45	30.026659	34.02
6/22/2010 17:00	30.017649	34.01
6/22/2010 17:15	30.017366	34.01
6/22/2010 17:30	30.010843	34.00
6/22/2010 17:45	30.006771	34.00

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/22/2010 23:15	1.702699	0.43	0.73
6/22/2010 23:30	1.662364	0.47	0.78
6/22/2010 23:45	1.720676	0.41	0.73
6/23/2010 0:00	1.780328	0.35	0.66
6/23/2010 0:15	1.739494	0.39	0.70
6/23/2010 0:30	1.697696	0.43	0.73
6/23/2010 0:45	1.572643	0.56	0.85
6/23/2010 1:00	1.452026	0.68	0.98
6/23/2010 1:15	1.419473	0.71	1.00
6/23/2010 1:30	1.386954	0.74	1.03
6/23/2010 1:45	1.387741	0.74	1.03
6/23/2010 2:00	1.36684	0.76	1.04
6/23/2010 2:15	1.264147	0.87	1.15
6/23/2010 2:30	1.188918	0.94	1.22
6/23/2010 2:45	1.092852	1.04	1.32
6/23/2010 3:00	1.021985	1.11	1.37
6/23/2010 3:15	0.98569	1.14	1.41
6/23/2010 3:30	0.94179	1.19	1.46
6/23/2010 3:45	0.8895	1.24	1.51
6/23/2010 4:00	0.831647	1.30	1.57
6/23/2010 4:15	0.774491	1.36	1.63
6/23/2010 4:30	0.717049	1.41	1.68
6/23/2010 4:45	0.668352	1.46	1.73
6/23/2010 5:00	0.646936	1.48	1.76
6/23/2010 5:15	0.623962	1.51	1.80
6/23/2010 5:30	0.619214	1.51	1.80
6/23/2010 5:45	0.621586	1.51	1.79
6/23/2010 6:00	0.61067	1.52	1.79
6/23/2010 6:15	0.609075	1.52	1.79
6/23/2010 6:30	0.614411	1.52	1.80
6/23/2010 6:45	0.632438	1.50	1.79
6/23/2010 7:00	0.66834	1.46	1.76
6/23/2010 7:15	0.717477	1.41	1.71
6/23/2010 7:30	0.766776	1.36	1.67
6/23/2010 7:45	0.809527	1.32	1.64
6/23/2010 8:00	0.855211	1.27	1.59
6/23/2010 8:15	0.889133	1.24	1.57
6/23/2010 8:30	0.93474	1.20	1.53
6/23/2010 8:45	0.986153	1.14	1.47
6/23/2010 9:00	1.042515	1.09	1.42
6/23/2010 9:15	1.100795	1.03	1.36
6/23/2010 9:30	1.147153	0.98	1.30
6/23/2010 9:45	1.198656	0.93	1.25
6/23/2010 10:00	1.250719	0.88	1.19
6/23/2010 10:15	1.303263	0.83	1.14
6/23/2010 10:30	1.366017	0.76	1.07
6/23/2010 10:45	1.418799	0.71	1.02
6/23/2010 11:00	1.47138	0.66	0.96
6/23/2010 11:15	1.518663	0.61	0.92
6/23/2010 11:30	1.56826	0.56	0.86
6/23/2010 11:45	1.617452	0.51	0.81
6/23/2010 12:00	1.656794	0.47	0.76
6/23/2010 12:15	1.688686	0.44	0.73
6/23/2010 12:30	1.722054	0.41	0.69
6/23/2010 12:45	1.738776	0.39	0.67
6/23/2010 13:00	1.735243	0.39	0.67
6/23/2010 13:15	1.72874	0.40	0.68
6/23/2010 13:30	1.733217	0.40	0.67
6/23/2010 13:45	1.727359	0.40	0.67
6/23/2010 14:00	1.726759	0.40	0.67
6/23/2010 14:15	1.713121	0.42	0.69
6/23/2010 14:30	1.701664	0.43	0.69
6/23/2010 14:45	1.675783	0.45	0.70
6/23/2010 15:00	1.642016	0.49	0.75
6/23/2010 15:15	1.621186	0.51	0.76
6/23/2010 15:30	1.585436	0.54	0.79
6/23/2010 15:45	1.540856	0.59	0.83
6/23/2010 16:00	1.511736	0.62	0.86
6/23/2010 16:15	1.485626	0.64	0.87

FMC-Gage (Parkside Marina)		
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)
6/22/2010 22:46	3.042902	-0.21
6/22/2010 23:01	3.104906	-0.27
6/22/2010 23:16	3.018087	-0.19
6/22/2010 23:31	2.944857	-0.11
6/22/2010 23:46	3.173813	-0.34
6/23/2010 0:01	3.214512	-0.38
6/23/2010 0:16	3.046511	-0.22
6/23/2010 0:31	2.960899	-0.13
6/23/2010 0:46	2.62025	0.21
6/23/2010 1:01	2.487543	0.34
6/23/2010 1:16	2.523109	0.31
6/23/2010 1:31	2.487577	0.34
6/23/2010 1:46	2.557467	0.27
6/23/2010 2:01	2.463436	0.37
6/23/2010 2:16	2.229497	0.60
6/23/2010 2:31	2.137062	0.69
6/23/2010 2:46	1.959649	0.87
6/23/2010 3:01	1.904809	0.93
6/23/2010 3:16	1.891688	0.94
6/23/2010 3:31	1.824959	1.01
6/23/2010 3:46	1.74796	1.08
6/23/2010 4:01	1.651195	1.18
6/23/2010 4:16	1.575198	1.25
6/23/2010 4:31	1.487849	1.34
6/23/2010 4:46	1.441936	1.39
6/23/2010 5:01	1.443613	1.39
6/23/2010 5:16	1.427476	1.40
6/23/2010 5:31	1.458029	1.37
6/23/2010 5:46	1.479568	1.35
6/23/2010 6:01	1.453447	1.38
6/23/2010 6:16	1.474649	1.36
6/23/2010 6:31	1.497297	1.33
6/23/2010 6:46	1.552872	1.28
6/23/2010 7:01	1.633669	1.20
6/23/2010 7:16	1.736671	1.09
6/23/2010 7:31	1.82427	1.01
6/23/2010 7:46	1.880928	0.95
6/23/2010 8:01	1.946079	0.88
6/23/2010 8:16	1.991414	0.84
6/23/2010 8:31	2.078043	0.75
6/23/2010 8:46	2.160725	0.67
6/23/2010 9:01	2.270687	0.56
6/23/2010 9:16	2.347132	0.48
6/23/2010 9:31	2.409246	0.42
6/23/2010 9:46	2.484969	0.35
6/23/2010 10:01	2.557533	0.27
6/23/2010 10:16	2.64309	0.19
6/23/2010 10:31	2.746844	0.08
6/23/2010 10:46	2.805111	0.02
6/23/2010 11:01	2.899943	-0.07
6/23/2010 11:16	2.946313	-0.12
6/23/2010 11:31	3.003722	-0.17
6/23/2010 11:46	3.07055	-0.24
6/23/2010 12:01	3.101888	-0.27
6/23/2010 12:16	3.146578	-0.32
6/23/2010 12:31	3.186407	-0.36
6/23/2010 12:46	3.17562	-0.35
6/23/2010 13:01	3.133785	-0.30
6/23/2010 13:16	3.113282	-0.28
6/23/2010 13:31	3.118601	-0.29
6/23/2010 13:46	3.10839	-0.28
6/23/2010 14:01	3.095263	-0.27
6/23/2010 14:16	3.063629	-0.23
6/23/2010 14:31	3.040155	-0.21
6/23/2010 14:46	2.969385	-0.14
6/23/2010 15:01	2.898795	-0.07
6/23/2010 15:16	2.883735	-0.05
6/23/2010 15:31	2.799707	0.03
6/23/2010 15:46	2.735453	0.09

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
6/22/2010 18:00	30.007465	34.00
6/22/2010 18:15	30.008007	34.00
6/22/2010 18:30	30.008924	34.00
6/22/2010 18:45	30.001804	33.99
6/22/2010 19:00	29.998745	33.99
6/22/2010 19:15	30.032345	34.03
6/22/2010 19:30	30.009434	34.00
6/22/2010 19:45	30.00415	33.99
6/22/2010 20:00	30.020054	34.01
6/22/2010 20:15	30.000355	33.99
6/22/2010 20:30	30.008293	34.00
6/22/2010 20:45	30.006096	34.00
6/22/2010 21:00	30.009315	34.00
6/22/2010 21:15	30.019264	34.01
6/22/2010 21:30	30.033203	34.03
6/22/2010 21:45	30.036461	34.03
6/22/2010 22:00	30.043619	34.04
6/22/2010 22:15	30.049498	34.05
6/22/2010 22:30	30.056168	34.05
6/22/2010 22:45	30.05625	34.05
6/22/2010 23:00	30.057842	34.06
6/22/2010 23:15	30.052053	34.05
6/22/2010 23:30	30.058968	34.06
6/22/2010 23:45	30.066254	34.07
6/23/2010 0:00	30.064461	34.06
6/23/2010 0:15	30.059132	34.06
6/23/2010 0:30	30.050884	34.05
6/23/2010 0:45	30.047249	34.04
6/23/2010 1:00	30.054012	34.05
6/23/2010 1:15	30.043266	34.04
6/23/2010 1:30	30.043156	34.04
6/23/2010 1:45	30.043619	34.04
6/23/2010 2:00	30.037302	34.03
6/23/2010 2:15	30.037926	34.03
6/23/2010 2:30	30.034918	34.03
6/23/2010 2:45	30.036926	34.03
6/23/2010 3:00	30.021196	34.01
6/23/2010 3:15	30.0292	34.02
6/23/2010 3:30	30.026978	34.02
6/23/2010 3:45	30.024698	34.02
6/23/2010 4:00	30.023863	34.02
6/23/2010 4:15	30.030285	34.02
6/23/2010 4:30	30.029718	34.02
6/23/2010 4:45	30.02807	34.02
6/23/2010 5:00	30.037527	34.03
6/23/2010 5:15	30.041595	34.04
6/23/2010 5:30	30.041403	34.04
6/23/2010 5:45	30.035807	34.03
6/23/2010 6:00	30.030525	34.02
6/23/2010 6:15	30.029753	34.02
6/23/2010 6:30	30.036095	34.03
6/23/2010 6:45	30.043108	34.04
6/23/2010 7:00	30.048737	34.05
6/23/2010 7:15	30.05372	34.05
6/23/2010 7:30	30.059994	34.06
6/23/2010 7:45	30.06662	34.07
6/23/2010 8:00	30.073328	34.07
6/23/2010 8:15	30.076994	34.08
6/23/2010 8:30	30.079042	34.08
6/23/2010 8:45	30.081541	34.08
6/23/2010 9:00	30.077076	34.08
6/23/2010 9:15	30.08169	34.08
6/23/2010 9:30	30.074894	34.07
6/23/2010 9:45	30.067911	34.07
6/23/2010 10:00	30.062857	34.06
6/23/2010 10:15	30.060585	34.06
6/23/2010 10:30	30.060369	34.06
6/23/2010 10:45	30.06109	34.06
6/23/2010 11:00	30.055153	34.05

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/23/2010 16:30	1.465309	0.66	0.89
6/23/2010 16:45	1.445386	0.68	0.90
6/23/2010 17:00	1.442347	0.69	0.90
6/23/2010 17:15	1.438132	0.69	0.90
6/23/2010 17:30	1.431887	0.70	0.90
6/23/2010 17:45	1.432574	0.70	0.90
6/23/2010 18:00	1.436765	0.69	0.89
6/23/2010 18:15	1.438618	0.69	0.90
6/23/2010 18:30	1.456512	0.67	0.88
6/23/2010 18:45	1.478477	0.65	0.86
6/23/2010 19:00	1.500649	0.63	0.84
6/23/2010 19:15	1.527536	0.60	0.82
6/23/2010 19:30	1.553205	0.58	0.80
6/23/2010 19:45	1.577542	0.55	0.77
6/23/2010 20:00	1.605514	0.52	0.74
6/23/2010 20:15	1.635157	0.49	0.70
6/23/2010 20:30	1.676829	0.45	0.66
6/23/2010 20:45	1.712487	0.42	0.63
6/23/2010 21:00	1.746151	0.38	0.59
6/23/2010 21:15	1.778958	0.35	0.56
6/23/2010 21:30	1.807692	0.32	0.54
6/23/2010 21:45	1.837149	0.29	0.49
6/23/2010 22:00	1.86867	0.26	0.46
6/23/2010 22:15	1.901409	0.23	0.42
6/23/2010 22:30	1.931413	0.20	0.39
6/23/2010 22:45	1.962713	0.17	0.35
6/23/2010 23:00	1.992157	0.14	0.31
6/23/2010 23:15	2.014031	0.12	0.28
6/23/2010 23:30	2.029496	0.10	0.26
6/23/2010 23:45	2.038475	0.09	0.25
6/24/2010 0:00	2.039704	0.09	0.26
6/24/2010 0:15	2.033783	0.10	0.28
6/24/2010 0:30	2.022338	0.11	0.29
6/24/2010 0:45	1.999839	0.13	0.31
6/24/2010 1:00	1.977846	0.15	0.34
6/24/2010 1:15	1.948176	0.18	0.37
6/24/2010 1:30	1.907829	0.22	0.40
6/24/2010 1:45	1.858521	0.27	0.45
6/24/2010 2:00	1.803427	0.33	0.51
6/24/2010 2:15	1.737076	0.39	0.58
6/24/2010 2:30	1.672356	0.46	0.64
6/24/2010 2:45	1.603554	0.53	0.71
6/24/2010 3:00	1.535903	0.59	0.76
6/24/2010 3:15	1.465364	0.66	0.83
6/24/2010 3:30	1.388468	0.74	0.90
6/24/2010 3:45	1.31249	0.82	0.98
6/24/2010 4:00	1.234473	0.90	1.06
6/24/2010 4:15	1.165754	0.96	1.12
6/24/2010 4:30	1.106196	1.02	1.18
6/24/2010 4:45	1.047906	1.08	1.24
6/24/2010 5:00	0.99454	1.14	1.29
6/24/2010 5:15	0.942381	1.19	1.34
6/24/2010 5:30	0.888859	1.24	1.38
6/24/2010 5:45	0.841858	1.29	1.44
6/24/2010 6:00	0.804842	1.33	1.48
6/24/2010 6:15	0.773543	1.36	1.50
6/24/2010 6:30	0.754472	1.38	1.53
6/24/2010 6:45	0.751345	1.38	1.53
6/24/2010 7:00	0.750378	1.38	1.52
6/24/2010 7:15	0.76028	1.37	1.49
6/24/2010 7:30	0.773948	1.36	1.47
6/24/2010 7:45	0.787162	1.34	1.45
6/24/2010 8:00	0.80952	1.32	1.43
6/24/2010 8:15	0.838368	1.29	1.40
6/24/2010 8:30	0.869684	1.26	1.37
6/24/2010 8:45	0.911267	1.22	1.31
6/24/2010 9:00	0.953097	1.18	1.27
6/24/2010 9:15	0.996046	1.13	1.23
6/24/2010 9:30	1.037799	1.09	1.18

FMC-Gage (Parkside Marina)		
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)
6/23/2010 16:01	2.701539	0.13
6/23/2010 16:16	2.665253	0.16
6/23/2010 16:31	2.655852	0.17
6/23/2010 16:46	2.629213	0.20
6/23/2010 17:01	2.64516	0.18
6/23/2010 17:16	2.643443	0.19
6/23/2010 17:31	2.636019	0.19
6/23/2010 17:46	2.658688	0.17
6/23/2010 18:01	2.653771	0.18
6/23/2010 18:16	2.663534	0.17
6/23/2010 18:31	2.716208	0.11
6/23/2010 18:46	2.744244	0.09
6/23/2010 19:01	2.784782	0.05
6/23/2010 19:16	2.829757	0.00
6/23/2010 19:31	2.863958	-0.03
6/23/2010 19:46	2.90728	-0.08
6/23/2010 20:01	2.954011	-0.12
6/23/2010 20:16	3.012232	-0.18
6/23/2010 20:31	3.079811	-0.25
6/23/2010 20:46	3.126728	-0.30
6/23/2010 21:01	3.186631	-0.36
6/23/2010 21:16	3.231009	-0.40
6/23/2010 21:31	3.262881	-0.43
6/23/2010 21:46	3.302922	-0.47
6/23/2010 22:01	3.351149	-0.52
6/23/2010 22:16	3.400062	-0.57
6/23/2010 22:31	3.454782	-0.62
6/23/2010 22:46	3.505502	-0.68
6/23/2010 23:01	3.544367	-0.71
6/23/2010 23:16	3.557736	-0.73
6/23/2010 23:31	3.566229	-0.74
6/23/2010 23:46	3.558111	-0.73
6/24/2010 0:01	3.542269	-0.71
6/24/2010 0:16	3.521982	-0.69
6/24/2010 0:31	3.488362	-0.66
6/24/2010 0:46	3.431257	-0.60
6/24/2010 1:01	3.388729	-0.56
6/24/2010 1:16	3.335623	-0.51
6/24/2010 1:31	3.248913	-0.42
6/24/2010 1:46	3.162824	-0.33
6/24/2010 2:01	3.061865	-0.23
6/24/2010 2:16	2.950155	-0.12
6/24/2010 2:31	2.850168	-0.02
6/24/2010 2:46	2.735325	0.09
6/24/2010 3:01	2.636465	0.19
6/24/2010 3:16	2.526789	0.30
6/24/2010 3:31	2.400265	0.43
6/24/2010 3:46	2.294901	0.54
6/24/2010 4:01	2.172936	0.66
6/24/2010 4:16	2.088614	0.74
6/24/2010 4:31	2.011763	0.82
6/24/2010 4:46	1.936879	0.89
6/24/2010 5:01	1.874676	0.96
6/24/2010 5:16	1.795794	1.03
6/24/2010 5:31	1.729765	1.10
6/24/2010 5:46	1.673218	1.16
6/24/2010 6:01	1.643559	1.19
6/24/2010 6:16	1.605228	1.22
6/24/2010 6:31	1.61877	1.21
6/24/2010 6:46	1.637279	1.19
6/24/2010 7:01	1.652261	1.18
6/24/2010 7:16	1.695445	1.13
6/24/2010 7:31	1.732856	1.10
6/24/2010 7:46	1.758295	1.07
6/24/2010 8:01	1.814769	1.02
6/24/2010 8:16	1.867297	0.96
6/24/2010 8:31	1.928297	0.90
6/24/2010 8:46	2.011409	0.82
6/24/2010 9:01	2.080853	0.75

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
6/23/2010 11:15	30.058485	34.06
6/23/2010 11:30	30.05625	34.05
6/23/2010 11:45	30.050859	34.05
6/23/2010 12:00	30.043819	34.04
6/23/2010 12:15	30.041838	34.04
6/23/2010 12:30	30.037302	34.03
6/23/2010 12:45	30.03561	34.03
6/23/2010 13:00	30.037394	34.03
6/23/2010 13:15	30.033371	34.03
6/23/2010 13:30	30.030664	34.02
6/23/2010 13:45	30.027998	34.02
6/23/2010 14:00	30.029118	34.02
6/23/2010 14:15	30.022776	34.02
6/23/2010 14:30	30.018003	34.01
6/23/2010 14:45	30.010483	34.00
6/23/2010 15:00	30.014639	34.01
6/23/2010 15:15	30.012024	34.00
6/23/2010 15:30	30.008625	34.00
6/23/2010 15:45	30.002035	33.99
6/23/2010 16:00	29.997934	33.99
6/23/2010 16:15	29.991421	33.98
6/23/2010 16:30	29.989132	33.98
6/23/2010 16:45	29.980253	33.97
6/23/2010 17:00	29.972795	33.96
6/23/2010 17:15	29.972988	33.96
6/23/2010 17:30	29.968636	33.95
6/23/2010 17:45	29.968861	33.95
6/23/2010 18:00	29.966301	33.95
6/23/2010 18:15	29.971956	33.96
6/23/2010 18:30	29.970379	33.96
6/23/2010 18:45	29.973282	33.96
6/23/2010 19:00	29.975887	33.96
6/23/2010 19:15	29.982904	33.97
6/23/2010 19:30	29.979834	33.97
6/23/2010 19:45	29.9827	33.97
6/23/2010 20:00	29.980528	33.97
6/23/2010 20:15	29.976784	33.96
6/23/2010 20:30	29.976595	33.96
6/23/2010 20:45	29.971638	33.96
6/23/2010 21:00	29.973818	33.96
6/23/2010 21:15	29.976784	33.96
6/23/2010 21:30	29.979357	33.97
6/23/2010 21:45	29.968988	33.95
6/23/2010 22:00	29.964584	33.95
6/23/2010 22:15	29.95689	33.94
6/23/2010 22:30	29.952129	33.94
6/23/2010 22:45	29.946173	33.93
6/23/2010 23:00	29.94154	33.92
6/23/2010 23:15	29.932325	33.91
6/23/2010 23:30	29.927893	33.91
6/23/2010 23:45	29.933697	33.91
6/24/2010 0:00	29.941156	33.92
6/24/2010 0:15	29.945761	33.93
6/24/2010 0:30	29.946035	33.93
6/24/2010 0:45	29.944571	33.93
6/24/2010 1:00	29.95188	33.94
6/24/2010 1:15	29.951736	33.94
6/24/2010 1:30	29.950159	33.93
6/24/2010 1:45	29.949516	33.93
6/24/2010 2:00	29.947399	33.93
6/24/2010 2:15	29.95178	33.94
6/24/2010 2:30	29.947884	33.93
6/24/2010 2:45	29.945259	33.93
6/24/2010 3:00	29.942268	33.92
6/24/2010 3:15	29.934017	33.92
6/24/2010 3:30	29.932732	33.91
6/24/2010 3:45	29.927872	33.91
6/24/2010 4:00	29.925768	33.91
6/24/2010 4:15	29.92815	33.91

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/24/2010 9:45	1.078075	1.05	1.14
6/24/2010 10:00	1.130559	1.00	1.08
6/24/2010 10:15	1.186131	0.94	1.03
6/24/2010 10:30	1.242633	0.89	0.98
6/24/2010 10:45	1.304513	0.83	0.91
6/24/2010 11:00	1.35848	0.77	0.85
6/24/2010 11:15	1.416504	0.71	0.79
6/24/2010 11:30	1.468438	0.66	0.74
6/24/2010 11:45	1.50248	0.63	0.71
6/24/2010 12:00	1.544018	0.59	0.68
6/24/2010 12:15	1.582704	0.55	0.63
6/24/2010 12:30	1.638625	0.49	0.57
6/24/2010 12:45	1.695321	0.43	0.51
6/24/2010 13:00	1.727481	0.40	0.47
6/24/2010 13:15	1.753298	0.38	0.44
6/24/2010 13:30	1.765544	0.36	0.41
6/24/2010 13:45	1.763748	0.37	0.41
6/24/2010 14:00	1.77037	0.36	0.39
6/24/2010 14:15	1.775413	0.35	0.37
6/24/2010 14:30	1.766618	0.36	0.38
6/24/2010 14:45	1.763105	0.37	0.40
6/24/2010 15:00	1.753021	0.38	0.40
6/24/2010 15:15	1.738604	0.39	0.41
6/24/2010 15:30	1.718356	0.41	0.44
6/24/2010 15:45	1.684752	0.45	0.48
6/24/2010 16:00	1.649362	0.48	0.50
6/24/2010 16:15	1.607989	0.52	0.54
6/24/2010 16:30	1.561604	0.57	0.59
6/24/2010 16:45	1.541182	0.59	0.60
6/24/2010 17:00	1.526085	0.60	0.61
6/24/2010 17:15	1.512601	0.62	0.63
6/24/2010 17:30	1.50187	0.63	0.66
6/24/2010 17:45	1.457402	0.67	0.70
6/24/2010 18:00	1.405235	0.72	0.75
6/24/2010 18:15	1.336435	0.79	0.83
6/24/2010 18:30	1.296932	0.83	0.87
6/24/2010 18:45	1.35629	0.77	0.82
6/24/2010 19:00	1.416836	0.71	0.76
6/24/2010 19:15	1.448893	0.68	0.74
6/24/2010 19:30	1.451665	0.68	0.74
6/24/2010 19:45	1.458196	0.67	0.74
6/24/2010 20:00	1.452121	0.68	0.76
6/24/2010 20:15	1.44593	0.68	0.76
6/24/2010 20:30	1.488217	0.64	0.72
6/24/2010 20:45	1.495474	0.63	0.72
6/24/2010 21:00	1.533972	0.60	0.70
6/24/2010 21:15	1.633908	0.50	0.60
6/24/2010 21:30	1.705621	0.42	0.53
6/24/2010 21:45	1.742208	0.39	0.53
6/24/2010 22:00	1.749545	0.38	0.53
6/24/2010 22:15	1.749082	0.38	0.54
6/24/2010 22:30	1.764944	0.37	0.54
6/24/2010 22:45	1.80962	0.32	0.49
6/24/2010 23:00	1.878981	0.25	0.42
6/24/2010 23:15	1.943994	0.19	0.37
6/24/2010 23:30	1.985464	0.14	0.32
6/24/2010 23:45	2.008141	0.12	0.30
6/25/2010 0:00	2.025061	0.10	0.29
6/25/2010 0:15	2.041439	0.09	0.28
6/25/2010 0:30	2.053203	0.08	0.27
6/25/2010 0:45	2.071441	0.06	0.25
6/25/2010 1:00	2.105598	0.02	0.21
6/25/2010 1:15	2.113527	0.02	0.22
6/25/2010 1:30	2.099844	0.03	0.23
6/25/2010 1:45	2.094057	0.04	0.23
6/25/2010 2:00	2.063893	0.07	0.26
6/25/2010 2:15	2.02263	0.11	0.31
6/25/2010 2:30	2.004508	0.13	0.32
6/25/2010 2:45	1.976812	0.15	0.35

FMC-Gage (Parkside Marina)		
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)
6/24/2010 9:16	2.149235	0.68
6/24/2010 9:31	2.210823	0.62
6/24/2010 9:46	2.268976	0.56
6/24/2010 10:01	2.363142	0.47
6/24/2010 10:16	2.450805	0.38
6/24/2010 10:31	2.54016	0.29
6/24/2010 10:46	2.638611	0.19
6/24/2010 11:01	2.701125	0.13
6/24/2010 11:16	2.803063	0.03
6/24/2010 11:31	2.852752	-0.02
6/24/2010 11:46	2.880527	-0.05
6/24/2010 12:01	2.950742	-0.12
6/24/2010 12:16	2.987743	-0.16
6/24/2010 12:31	3.104387	-0.27
6/24/2010 12:46	3.169429	-0.34
6/24/2010 13:01	3.185856	-0.36
6/24/2010 13:16	3.226521	-0.40
6/24/2010 13:31	3.217612	-0.39
6/24/2010 13:46	3.179106	-0.35
6/24/2010 14:01	3.189702	-0.36
6/24/2010 14:16	3.179793	-0.35
6/24/2010 14:31	3.143584	-0.31
6/24/2010 14:46	3.144519	-0.31
6/24/2010 15:01	3.112331	-0.28
6/24/2010 15:16	3.080762	-0.25
6/24/2010 15:31	3.032186	-0.20
6/24/2010 15:46	2.958437	-0.13
6/24/2010 16:01	2.903733	-0.07
6/24/2010 16:16	2.82182	0.01
6/24/2010 16:31	2.7528	0.08
6/24/2010 16:46	2.757173	0.07
6/24/2010 17:01	2.73592	0.09
6/24/2010 17:16	2.729543	0.10
6/24/2010 17:31	2.706115	0.12
6/24/2010 17:46	2.599854	0.23
6/24/2010 18:01	2.509169	0.32
6/24/2010 18:16	2.368304	0.46
6/24/2010 18:31	2.381982	0.45
6/24/2010 18:46	2.597488	0.23
6/24/2010 19:01	2.696286	0.13
6/24/2010 19:16	2.719276	0.11
6/24/2010 19:31	2.690707	0.14
6/24/2010 19:46	2.695143	0.13
6/24/2010 20:01	2.660899	0.17
6/24/2010 20:16	2.670864	0.16
6/24/2010 20:31	2.781181	0.05
6/24/2010 20:46	2.747165	0.08
6/24/2010 21:01	2.878162	-0.05
6/24/2010 21:16	3.099713	-0.27
6/24/2010 21:31	3.168382	-0.34
6/24/2010 21:46	3.171086	-0.34
6/24/2010 22:01	3.130981	-0.30
6/24/2010 22:16	3.115822	-0.29
6/24/2010 22:31	3.157794	-0.33
6/24/2010 22:46	3.268363	-0.44
6/24/2010 23:01	3.418557	-0.59
6/24/2010 23:16	3.509573	-0.68
6/24/2010 23:31	3.533034	-0.70
6/24/2010 23:46	3.538749	-0.71
6/25/2010 0:01	3.550558	-0.72
6/25/2010 0:16	3.561914	-0.73
6/25/2010 0:31	3.569761	-0.74
6/25/2010 0:46	3.607082	-0.78
6/25/2010 1:01	3.672446	-0.84
6/25/2010 1:16	3.63571	-0.81
6/25/2010 1:31	3.591833	-0.76
6/25/2010 1:46	3.582668	-0.75
6/25/2010 2:01	3.496751	-0.67
6/25/2010 2:16	3.412813	-0.58

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
6/24/2010 4:30	29.928686	33.91
6/24/2010 4:45	29.925631	33.91
6/24/2010 5:00	29.922102	33.90
6/24/2010 5:15	29.919134	33.90
6/24/2010 5:30	29.915037	33.89
6/24/2010 5:45	29.91651	33.90
6/24/2010 6:00	29.918615	33.90
6/24/2010 6:15	29.916143	33.89
6/24/2010 6:30	29.921513	33.90
6/24/2010 6:45	29.917665	33.90
6/24/2010 7:00	29.914635	33.89
6/24/2010 7:15	29.906431	33.88
6/24/2010 7:30	29.896906	33.87
6/24/2010 7:45	29.895802	33.87
6/24/2010 8:00	29.896181	33.87
6/24/2010 8:15	29.895523	33.87
6/24/2010 8:30	29.892616	33.87
6/24/2010 8:45	29.879683	33.85
6/24/2010 9:00	29.880287	33.85
6/24/2010 9:15	29.882139	33.86
6/24/2010 9:30	29.879982	33.85
6/24/2010 9:45	29.878046	33.85
6/24/2010 10:00	29.871	33.84
6/24/2010 10:15	29.874023	33.85
6/24/2010 10:30	29.872887	33.85
6/24/2010 10:45	29.870501	33.84
6/24/2010 11:00	29.869831	33.84
6/24/2010 11:15	29.870995	33.84
6/24/2010 11:30	29.868338	33.84
6/24/2010 11:45	29.871243	33.84
6/24/2010 12:00	29.872957	33.85
6/24/2010 12:15	29.870346	33.84
6/24/2010 12:30	29.866823	33.84
6/24/2010 12:45	29.868292	33.84
6/24/2010 13:00	29.858006	33.83
6/24/2010 13:15	29.847961	33.82
6/24/2010 13:30	29.844465	33.81
6/24/2010 13:45	29.833742	33.80
6/24/2010 14:00	29.823141	33.79
6/24/2010 14:15	29.816	33.78
6/24/2010 14:30	29.817005	33.78
6/24/2010 14:45	29.823141	33.79
6/24/2010 15:00	29.817247	33.78
6/24/2010 15:15	29.814556	33.78
6/24/2010 15:30	29.825737	33.79
6/24/2010 15:45	29.820951	33.79
6/24/2010 16:00	29.817606	33.78
6/24/2010 16:15	29.814226	33.78
6/24/2010 16:30	29.812126	33.78
6/24/2010 16:45	29.80681	33.77
6/24/2010 17:00	29.801693	33.77
6/24/2010 17:15	29.804871	33.77
6/24/2010 17:30	29.824963	33.79
6/24/2010 17:45	29.824869	33.79
6/24/2010 18:00	29.824368	33.79
6/24/2010 18:15	29.830444	33.80
6/24/2010 18:30	29.833	33.80
6/24/2010 18:45	29.842463	33.81
6/24/2010 19:00	29.840492	33.81
6/24/2010 19:15	29.847776	33.82
6/24/2010 19:30	29.850517	33.82
6/24/2010 19:45	29.857077	33.83
6/24/2010 20:00	29.865242	33.84
6/24/2010 20:15	29.867741	33.84
6/24/2010 20:30	29.870213	33.84
6/24/2010 20:45	29.872528	33.85
6/24/2010 21:00	29.881527	33.86
6/24/2010 21:15	29.884336	33.86
6/24/2010 21:30	29.897488	33.87

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/25/2010 3:00	1.927361	0.20	0.39
6/25/2010 3:15	1.882988	0.25	0.45
6/25/2010 3:30	1.81583	0.31	0.51
6/25/2010 3:45	1.755298	0.37	0.58
6/25/2010 4:00	1.695164	0.43	0.64
6/25/2010 4:15	1.63428	0.50	0.71
6/25/2010 4:30	1.584747	0.55	0.77
6/25/2010 4:45	1.529449	0.60	0.83
6/25/2010 5:00	1.467973	0.66	0.90
6/25/2010 5:15	1.403519	0.73	0.98
6/25/2010 5:30	1.338473	0.79	1.04
6/25/2010 5:45	1.290061	0.84	1.10
6/25/2010 6:00	1.24948	0.88	1.15
6/25/2010 6:15	1.203933	0.93	1.21
6/25/2010 6:30	1.164417	0.97	1.26
6/25/2010 6:45	1.135356	0.99	1.29
6/25/2010 7:00	1.105067	1.02	1.32
6/25/2010 7:15	1.096779	1.03	1.34
6/25/2010 7:30	1.096849	1.03	1.35
6/25/2010 7:45	1.102624	1.03	1.35
6/25/2010 8:00	1.115585	1.01	1.34
6/25/2010 8:15	1.139012	0.99	1.33
6/25/2010 8:30	1.166563	0.96	1.30
6/25/2010 8:45	1.207716	0.92	1.26
6/25/2010 9:00	1.262276	0.87	1.21
6/25/2010 9:15	1.305107	0.82	1.16
6/25/2010 9:30	1.34866	0.78	1.12
6/25/2010 9:45	1.393316	0.74	1.08
6/25/2010 10:00	1.425872	0.70	1.04
6/25/2010 10:15	1.467426	0.66	0.99
6/25/2010 10:30	1.517715	0.61	0.94
6/25/2010 10:45	1.573696	0.56	0.89
6/25/2010 11:00	1.631865	0.50	0.83
6/25/2010 11:15	1.684218	0.45	0.78
6/25/2010 11:30	1.735348	0.39	0.72
6/25/2010 11:45	1.781014	0.35	0.68
6/25/2010 12:00	1.823105	0.31	0.63
6/25/2010 12:15	1.873368	0.26	0.59
6/25/2010 12:30	1.923312	0.21	0.53
6/25/2010 12:45	1.97613	0.15	0.47
6/25/2010 13:00	2.027926	0.10	0.42
6/25/2010 13:15	2.072823	0.06	0.37
6/25/2010 13:30	2.125509	0.00	0.30
6/25/2010 13:45	2.164521	-0.03	0.27
6/25/2010 14:00	2.19975	-0.07	0.22
6/25/2010 14:15	2.224591	-0.09	0.19
6/25/2010 14:30	2.240683	-0.11	0.18
6/25/2010 14:45	2.246394	-0.12	0.17
6/25/2010 15:00	2.249838	-0.12	0.17
6/25/2010 15:15	2.244586	-0.11	0.16
6/25/2010 15:30	2.235916	-0.11	0.17
6/25/2010 15:45	2.226279	-0.10	0.18
6/25/2010 16:00	2.206935	-0.08	0.18
6/25/2010 16:15	2.184197	-0.05	0.22
6/25/2010 16:30	2.153259	-0.02	0.25
6/25/2010 16:45	2.114932	0.02	0.28
6/25/2010 17:00	2.073161	0.06	0.32
6/25/2010 17:15	2.036726	0.09	0.36
6/25/2010 17:30	2.00136	0.13	0.39
6/25/2010 17:45	1.962183	0.17	0.42
6/25/2010 18:00	1.927983	0.20	0.45
6/25/2010 18:15	1.894387	0.24	0.48
6/25/2010 18:30	1.858603	0.27	0.51
6/25/2010 18:45	1.827131	0.30	0.54
6/25/2010 19:00	1.801474	0.33	0.57
6/25/2010 19:15	1.779861	0.35	0.60
6/25/2010 19:30	1.763105	0.37	0.62
6/25/2010 19:45	1.755361	0.37	0.63
6/25/2010 20:00	1.749769	0.38	0.64

FMC-Gage (Parkside Marina)		
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)
6/25/2010 2:31	3.408576	-0.58
6/25/2010 2:46	3.340514	-0.51
6/25/2010 3:01	3.245316	-0.42
6/25/2010 3:16	3.17123	-0.34
6/25/2010 3:31	3.041752	-0.21
6/25/2010 3:46	2.960163	-0.13
6/25/2010 4:01	2.85451	-0.02
6/25/2010 4:16	2.7695	0.06
6/25/2010 4:31	2.730705	0.10
6/25/2010 4:46	2.62219	0.21
6/25/2010 5:01	2.518688	0.31
6/25/2010 5:16	2.420392	0.41
6/25/2010 5:31	2.324014	0.51
6/25/2010 5:46	2.286745	0.54
6/25/2010 6:01	2.234512	0.60
6/25/2010 6:16	2.157561	0.67
6/25/2010 6:31	2.122567	0.71
6/25/2010 6:46	2.096456	0.73
6/25/2010 7:01	2.070187	0.76
6/25/2010 7:16	2.089154	0.74
6/25/2010 7:31	2.107055	0.72
6/25/2010 7:46	2.135046	0.69
6/25/2010 8:01	2.17384	0.66
6/25/2010 8:16	2.242672	0.59
6/25/2010 8:31	2.295909	0.53
6/25/2010 8:46	2.383248	0.45
6/25/2010 9:01	2.484605	0.35
6/25/2010 9:16	2.545502	0.28
6/25/2010 9:31	2.615726	0.21
6/25/2010 9:46	2.671853	0.16
6/25/2010 10:01	2.712706	0.12
6/25/2010 10:16	2.788125	0.04
6/25/2010 10:31	2.873577	-0.04
6/25/2010 10:46	2.963449	-0.13
6/25/2010 11:01	3.051849	-0.22
6/25/2010 11:16	3.125443	-0.30
6/25/2010 11:31	3.190206	-0.36
6/25/2010 11:46	3.248468	-0.42
6/25/2010 12:01	3.310169	-0.48
6/25/2010 12:16	3.37981	-0.55
6/25/2010 12:31	3.457272	-0.63
6/25/2010 12:46	3.532237	-0.70
6/25/2010 13:01	3.603019	-0.77
6/25/2010 13:16	3.667579	-0.84
6/25/2010 13:31	3.751997	-0.92
6/25/2010 13:46	3.79561	-0.97
6/25/2010 14:01	3.833176	-1.00
6/25/2010 14:16	3.857163	-1.03
6/25/2010 14:31	3.849954	-1.02
6/25/2010 14:46	3.83815	-1.01
6/25/2010 15:01	3.830493	-1.00
6/25/2010 15:16	3.797138	-0.97
6/25/2010 15:31	3.775383	-0.95
6/25/2010 15:46	3.750095	-0.92
6/25/2010 16:01	3.708409	-0.88
6/25/2010 16:16	3.658531	-0.83
6/25/2010 16:31	3.589752	-0.76
6/25/2010 16:46	3.5207	-0.69
6/25/2010 17:01	3.453355	-0.62
6/25/2010 17:16	3.390615	-0.56
6/25/2010 17:31	3.343271	-0.51
6/25/2010 17:46	3.283195	-0.45
6/25/2010 18:01	3.243741	-0.41
6/25/2010 18:16	3.186687	-0.36
6/25/2010 18:31	3.139554	-0.31
6/25/2010 18:46	3.095556	-0.27
6/25/2010 19:01	3.063216	-0.23
6/25/2010 19:16	3.038097	-0.21
6/25/2010 19:31	3.032059	-0.20

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
6/24/2010 21:45	29.90855	33.89
6/24/2010 22:00	29.918196	33.90
6/24/2010 22:15	29.926115	33.91
6/24/2010 22:30	29.935175	33.92
6/24/2010 22:45	29.936203	33.92
6/24/2010 23:00	29.942017	33.92
6/24/2010 23:15	29.947226	33.93
6/24/2010 23:30	29.949036	33.93
6/24/2010 23:45	29.948555	33.93
6/25/2010 0:00	29.95262	33.94
6/25/2010 0:15	29.952929	33.94
6/25/2010 0:30	29.955025	33.94
6/25/2010 0:45	29.958647	33.94
6/25/2010 1:00	29.960155	33.94
6/25/2010 1:15	29.961321	33.95
6/25/2010 1:30	29.960951	33.95
6/25/2010 1:45	29.957758	33.94
6/25/2010 2:00	29.957333	33.94
6/25/2010 2:15	29.961222	33.95
6/25/2010 2:30	29.959272	33.94
6/25/2010 2:45	29.961321	33.95
6/25/2010 3:00	29.958601	33.94
6/25/2010 3:15	29.963961	33.95
6/25/2010 3:30	29.964869	33.95
6/25/2010 3:45	29.971212	33.96
6/25/2010 4:00	29.97254	33.96
6/25/2010 4:15	29.97732	33.96
6/25/2010 4:30	29.979509	33.97
6/25/2010 4:45	29.987541	33.98
6/25/2010 5:00	29.997021	33.99
6/25/2010 5:15	30.005697	34.00
6/25/2010 5:30	30.010895	34.00
6/25/2010 5:45	30.02161	34.01
6/25/2010 6:00	30.027788	34.02
6/25/2010 6:15	30.035423	34.03
6/25/2010 6:30	30.044971	34.04
6/25/2010 6:45	30.052097	34.05
6/25/2010 7:00	30.05629	34.05
6/25/2010 7:15	30.060263	34.06
6/25/2010 7:30	30.067486	34.07
6/25/2010 7:45	30.072662	34.07
6/25/2010 8:00	30.075676	34.08
6/25/2010 8:15	30.08494	34.09
6/25/2010 8:30	30.087538	34.09
6/25/2010 8:45	30.090263	34.09
6/25/2010 9:00	30.090672	34.09
6/25/2010 9:15	30.086946	34.09
6/25/2010 9:30	30.086161	34.09
6/25/2010 9:45	30.084135	34.09
6/25/2010 10:00	30.086525	34.09
6/25/2010 10:15	30.083832	34.08
6/25/2010 10:30	30.081394	34.08
6/25/2010 10:45	30.081942	34.08
6/25/2010 11:00	30.081684	34.08
6/25/2010 11:15	30.080257	34.08
6/25/2010 11:30	30.075138	34.08
6/25/2010 11:45	30.082031	34.08
6/25/2010 12:00	30.074354	34.07
6/25/2010 12:15	30.075808	34.08
6/25/2010 12:30	30.069637	34.07
6/25/2010 12:45	30.069933	34.07
6/25/2010 13:00	30.068159	34.07
6/25/2010 13:15	30.061428	34.06
6/25/2010 13:30	30.054907	34.05
6/25/2010 13:45	30.050604	34.05
6/25/2010 14:00	30.045113	34.04
6/25/2010 14:15	30.039059	34.03
6/25/2010 14:30	30.043694	34.04
6/25/2010 14:45	30.044634	34.04

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/25/2010 20:15	1.756764	0.37	0.63
6/25/2010 20:30	1.758451	0.37	0.63
6/25/2010 20:45	1.771522	0.36	0.63
6/25/2010 21:00	1.793073	0.34	0.61
6/25/2010 21:15	1.810325	0.32	0.60
6/25/2010 21:30	1.833148	0.30	0.58
6/25/2010 21:45	1.853687	0.28	0.56
6/25/2010 22:00	1.876222	0.25	0.53
6/25/2010 22:15	1.905246	0.22	0.50
6/25/2010 22:30	1.93076	0.20	0.48
6/25/2010 22:45	1.960647	0.17	0.45
6/25/2010 23:00	1.995941	0.13	0.41
6/25/2010 23:15	2.027721	0.10	0.37
6/25/2010 23:30	2.064208	0.07	0.34
6/25/2010 23:45	2.100024	0.03	0.31
6/26/2010 0:00	2.121507	0.01	0.28
6/26/2010 0:15	2.139527	-0.01	0.26
6/26/2010 0:30	2.150255	-0.02	0.25
6/26/2010 0:45	2.161329	-0.03	0.23
6/26/2010 1:00	2.172244	-0.04	0.22
6/26/2010 1:15	2.181082	-0.05	0.21
6/26/2010 1:30	2.182781	-0.05	0.21
6/26/2010 1:45	2.179023	-0.05	0.20
6/26/2010 2:00	2.168187	-0.04	0.21
6/26/2010 2:15	2.141863	-0.01	0.24
6/26/2010 2:30	2.106222	0.02	0.26
6/26/2010 2:45	2.058456	0.07	0.32
6/26/2010 3:00	2.004404	0.13	0.37
6/26/2010 3:15	1.95449	0.18	0.42
6/26/2010 3:30	1.907931	0.22	0.46
6/26/2010 3:45	1.85487	0.28	0.52
6/26/2010 4:00	1.801472	0.33	0.56
6/26/2010 4:15	1.736962	0.39	0.62
6/26/2010 4:30	1.669107	0.46	0.69
6/26/2010 4:45	1.592773	0.54	0.78
6/26/2010 5:00	1.525105	0.60	0.84
6/26/2010 5:15	1.460699	0.67	0.91
6/26/2010 5:30	1.39672	0.73	0.97
6/26/2010 5:45	1.337369	0.79	1.02
6/26/2010 6:00	1.27957	0.85	1.09
6/26/2010 6:15	1.220194	0.91	1.16
6/26/2010 6:30	1.162423	0.97	1.21
6/26/2010 6:45	1.113633	1.02	1.27
6/26/2010 7:00	1.065547	1.06	1.30
6/26/2010 7:15	1.026671	1.10	1.35
6/26/2010 7:30	0.99209	1.14	1.40
6/26/2010 7:45	0.96393	1.17	1.43
6/26/2010 8:00	0.938102	1.19	1.45
6/26/2010 8:15	0.922264	1.21	1.47
6/26/2010 8:30	0.913152	1.22	1.49
6/26/2010 8:45	0.918152	1.21	1.47
6/26/2010 9:00	0.940806	1.19	1.44
6/26/2010 9:15	0.95916	1.17	1.42
6/26/2010 9:30	0.982049	1.15	1.40
6/26/2010 9:45	1.002305	1.13	1.37
6/26/2010 10:00	1.022383	1.11	1.36
6/26/2010 10:15	1.054551	1.08	1.33
6/26/2010 10:30	1.09836	1.03	1.28
6/26/2010 10:45	1.141873	0.99	1.23
6/26/2010 11:00	1.185814	0.94	1.18
6/26/2010 11:15	1.22828	0.90	1.13
6/26/2010 11:30	1.266558	0.86	1.09
6/26/2010 11:45	1.311114	0.82	1.05
6/26/2010 12:00	1.353407	0.78	0.99
6/26/2010 12:15	1.395538	0.73	0.94
6/26/2010 12:30	1.432377	0.70	0.91
6/26/2010 12:45	1.474751	0.66	0.86
6/26/2010 13:00	1.520075	0.61	0.80
6/26/2010 13:15	1.555812	0.57	0.75

FMC-Gage (Parkside Marina)			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	
6/25/2010 19:46	3.030099	-0.20	
6/25/2010 20:01	3.042844	-0.21	
6/25/2010 20:16	3.061074	-0.23	
6/25/2010 20:31	3.069862	-0.24	
6/25/2010 20:46	3.112161	-0.28	
6/25/2010 21:01	3.149048	-0.32	
6/25/2010 21:16	3.180611	-0.35	
6/25/2010 21:31	3.217999	-0.39	
6/25/2010 21:46	3.25493	-0.42	
6/25/2010 22:01	3.28586	-0.46	
6/25/2010 22:16	3.340195	-0.51	
6/25/2010 22:31	3.377091	-0.55	
6/25/2010 22:46	3.431125	-0.60	
6/25/2010 23:01	3.485128	-0.66	
6/25/2010 23:16	3.534651	-0.70	
6/25/2010 23:31	3.591098	-0.76	
6/25/2010 23:46	3.631385	-0.80	
6/26/2010 0:01	3.649312	-0.82	
6/26/2010 0:16	3.661514	-0.83	
6/26/2010 0:31	3.671427	-0.84	
6/26/2010 0:46	3.677135	-0.85	
6/26/2010 1:01	3.689667	-0.86	
6/26/2010 1:16	3.696707	-0.87	
6/26/2010 1:31	3.68885	-0.86	
6/26/2010 1:46	3.670198	-0.84	
6/26/2010 2:01	3.631979	-0.80	
6/26/2010 2:16	3.572839	-0.74	
6/26/2010 2:31	3.499593	-0.67	
6/26/2010 2:46	3.398401	-0.57	
6/26/2010 3:01	3.310822	-0.48	
6/26/2010 3:16	3.238582	-0.41	
6/26/2010 3:31	3.163921	-0.33	
6/26/2010 3:46	3.084919	-0.25	
6/26/2010 4:01	2.994869	-0.16	
6/26/2010 4:16	2.88659	-0.06	
6/26/2010 4:31	2.772451	0.06	
6/26/2010 4:46	2.66526	0.16	
6/26/2010 5:01	2.570497	0.26	
6/26/2010 5:16	2.472741	0.36	
6/26/2010 5:31	2.385545	0.44	
6/26/2010 5:46	2.312186	0.52	
6/26/2010 6:01	2.223641	0.61	
6/26/2010 6:16	2.138317	0.69	
6/26/2010 6:31	2.071139	0.76	
6/26/2010 6:46	1.999751	0.83	
6/26/2010 7:01	1.944373	0.89	
6/26/2010 7:16	1.905781	0.92	
6/26/2010 7:31	1.869544	0.96	
6/26/2010 7:46	1.843463	0.99	
6/26/2010 8:01	1.81727	1.01	
6/26/2010 8:16	1.814633	1.02	
6/26/2010 8:31	1.826931	1.00	
6/26/2010 8:46	1.869503	0.96	
6/26/2010 9:01	1.924288	0.91	
6/26/2010 9:16	1.96673	0.86	
6/26/2010 9:31	2.010179	0.82	
6/26/2010 9:46	2.039842	0.79	
6/26/2010 10:01	2.077789	0.75	
6/26/2010 10:16	2.154451	0.68	
6/26/2010 10:31	2.229511	0.60	
6/26/2010 10:46	2.302001	0.53	
6/26/2010 11:01	2.372509	0.46	
6/26/2010 11:16	2.428946	0.40	
6/26/2010 11:31	2.492516	0.34	
6/26/2010 11:46	2.559277	0.27	
6/26/2010 12:01	2.621441	0.21	
6/26/2010 12:16	2.678221	0.15	
6/26/2010 12:31	2.725958	0.10	
6/26/2010 12:46	2.798885	0.03	

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
6/25/2010 15:00	30.041365	34.04
6/25/2010 15:15	30.030071	34.02
6/25/2010 15:30	30.037554	34.03
6/25/2010 15:45	30.03265	34.03
6/25/2010 16:00	30.021223	34.01
6/25/2010 16:15	30.030348	34.02
6/25/2010 16:30	30.024769	34.02
6/25/2010 16:45	30.018757	34.01
6/25/2010 17:00	30.018057	34.01
6/25/2010 17:15	30.02227	34.02
6/25/2010 17:30	30.014162	34.01
6/25/2010 17:45	30.008846	34.00
6/25/2010 18:00	30.006172	34.00
6/25/2010 18:15	30.003199	33.99
6/25/2010 18:30	30.001944	33.99
6/25/2010 18:45	30.002003	33.99
6/25/2010 19:00	30.003412	33.99
6/25/2010 19:15	30.007542	34.00
6/25/2010 19:30	30.009153	34.00
6/25/2010 19:45	30.013348	34.01
6/25/2010 20:00	30.014753	34.01
6/25/2010 20:15	30.01696	34.01
6/25/2010 20:30	30.014906	34.01
6/25/2010 20:45	30.02537	34.02
6/25/2010 21:00	30.026257	34.02
6/25/2010 21:15	30.031103	34.03
6/25/2010 21:30	30.031233	34.03
6/25/2010 21:45	30.032318	34.03
6/25/2010 22:00	30.036003	34.03
6/25/2010 22:15	30.035305	34.03
6/25/2010 22:30	30.033487	34.03
6/25/2010 22:45	30.030958	34.03
6/25/2010 23:00	30.032097	34.03
6/25/2010 23:15	30.028942	34.02
6/25/2010 23:30	30.029261	34.02
6/25/2010 23:45	30.031233	34.03
6/26/2010 0:00	30.026583	34.02
6/26/2010 0:15	30.025881	34.02
6/26/2010 0:30	30.02227	34.02
6/26/2010 0:45	30.02038	34.01
6/26/2010 1:00	30.021441	34.01
6/26/2010 1:15	30.018839	34.01
6/26/2010 1:30	30.016851	34.01
6/26/2010 1:45	30.013151	34.00
6/26/2010 2:00	30.010855	34.00
6/26/2010 2:15	30.006189	34.00
6/26/2010 2:30	30.002209	33.99
6/26/2010 2:45	30.005041	34.00
6/26/2010 3:00	30.003994	33.99
6/26/2010 3:15	29.999519	33.99
6/26/2010 3:30	30.000566	33.99
6/26/2010 3:45	30.000616	33.99
6/26/2010 4:00	29.994709	33.98
6/26/2010 4:15	29.994827	33.98
6/26/2010 4:30	29.993864	33.98
6/26/2010 4:45	29.997517	33.99
6/26/2010 5:00	30.000874	33.99
6/26/2010 5:15	29.996347	33.99
6/26/2010 5:30	30.001818	33.99
6/26/2010 5:45	29.992729	33.98
6/26/2010 6:00	30.000912	33.99
6/26/2010 6:15	30.009335	34.00
6/26/2010 6:30	29.998795	33.99
6/26/2010 6:45	30.005114	34.00
6/26/2010 7:00	30.001757	33.99
6/26/2010 7:15	30.011494	34.00
6/26/2010 7:30	30.016884	34.01
6/26/2010 7:45	30.017206	34.01
6/26/2010 8:00	30.016378	34.01

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/26/2010 13:30	1.593827	0.54	0.72
6/26/2010 13:45	1.635214	0.49	0.67
6/26/2010 14:00	1.668989	0.46	0.63
6/26/2010 14:15	1.696319	0.43	0.60
6/26/2010 14:30	1.715845	0.41	0.57
6/26/2010 14:45	1.732788	0.40	0.56
6/26/2010 15:00	1.733783	0.40	0.56
6/26/2010 15:15	1.733266	0.40	0.54
6/26/2010 15:30	1.738289	0.39	0.53
6/26/2010 15:45	1.714975	0.42	0.56
6/26/2010 16:00	1.681216	0.45	0.57
6/26/2010 16:15	1.647387	0.48	0.60
6/26/2010 16:30	1.606572	0.52	0.63
6/26/2010 16:45	1.569278	0.56	0.66
6/26/2010 17:00	1.530678	0.60	0.69
6/26/2010 17:15	1.484169	0.65	0.73
6/26/2010 17:30	1.42214	0.71	0.79
6/26/2010 17:45	1.361054	0.77	0.85
6/26/2010 18:00	1.310314	0.82	0.89
6/26/2010 18:15	1.261267	0.87	0.95
6/26/2010 18:30	1.218069	0.91	0.98
6/26/2010 18:45	1.174574	0.96	1.02
6/26/2010 19:00	1.128583	1.00	1.07
6/26/2010 19:15	1.092771	1.04	1.10
6/26/2010 19:30	1.053223	1.08	1.14
6/26/2010 19:45	1.027345	1.10	1.16
6/26/2010 20:00	1.018156	1.11	1.18
6/26/2010 20:15	1.005788	1.12	1.19
6/26/2010 20:30	1.001976	1.13	1.20
6/26/2010 20:45	1.000812	1.13	1.20
6/26/2010 21:00	0.997638	1.13	1.20
6/26/2010 21:15	1.005603	1.12	1.19
6/26/2010 21:30	1.025146	1.10	1.18
6/26/2010 21:45	1.054698	1.08	1.16
6/26/2010 22:00	1.081859	1.05	1.13
6/26/2010 22:15	1.11448	1.02	1.10
6/26/2010 22:30	1.146646	0.98	1.06
6/26/2010 22:45	1.180467	0.95	1.03
6/26/2010 23:00	1.222263	0.91	0.99
6/26/2010 23:15	1.265038	0.86	0.95
6/26/2010 23:30	1.306904	0.82	0.90
6/26/2010 23:45	1.347917	0.78	0.87
6/27/2010 0:00	1.391302	0.74	0.82
6/27/2010 0:15	1.435878	0.69	0.77
6/27/2010 0:30	1.474801	0.66	0.73
6/27/2010 0:45	1.515366	0.61	0.69
6/27/2010 1:00	1.555858	0.57	0.64
6/27/2010 1:15	1.588973	0.54	0.60
6/27/2010 1:30	1.625688	0.50	0.56
6/27/2010 1:45	1.655737	0.47	0.51
6/27/2010 2:00	1.680592	0.45	0.48
6/27/2010 2:15	1.699251	0.43	0.47
6/27/2010 2:30	1.712385	0.42	0.45
6/27/2010 2:45	1.714319	0.42	0.46
6/27/2010 3:00	1.705173	0.42	0.47
6/27/2010 3:15	1.681364	0.45	0.49
6/27/2010 3:30	1.658838	0.47	0.51
6/27/2010 3:45	1.628785	0.50	0.53
6/27/2010 4:00	1.5954	0.53	0.57
6/27/2010 4:15	1.558134	0.57	0.61
6/27/2010 4:30	1.507934	0.62	0.66
6/27/2010 4:45	1.451892	0.68	0.72
6/27/2010 5:00	1.390332	0.74	0.78
6/27/2010 5:15	1.326861	0.80	0.85
6/27/2010 5:30	1.264417	0.87	0.91
6/27/2010 5:45	1.199044	0.93	0.98
6/27/2010 6:00	1.143909	0.99	1.04
6/27/2010 6:15	1.086349	1.04	1.10
6/27/2010 6:30	1.027079	1.10	1.15

FMC-Gage (Parkside Marina)		
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)
6/26/2010 13:01	2.860804	-0.03
6/26/2010 13:16	2.909851	-0.08
6/26/2010 13:31	2.966259	-0.14
6/26/2010 13:46	3.032245	-0.20
6/26/2010 14:01	3.067206	-0.24
6/26/2010 14:16	3.079451	-0.25
6/26/2010 14:31	3.10404	-0.27
6/26/2010 14:46	3.105631	-0.28
6/26/2010 15:01	3.077551	-0.25
6/26/2010 15:16	3.07918	-0.25
6/26/2010 15:31	3.066214	-0.24
6/26/2010 15:46	3.003224	-0.17
6/26/2010 16:01	2.937955	-0.11
6/26/2010 16:16	2.869936	-0.04
6/26/2010 16:31	2.803942	0.03
6/26/2010 16:46	2.745758	0.08
6/26/2010 17:01	2.677366	0.15
6/26/2010 17:16	2.597105	0.23
6/26/2010 17:31	2.481663	0.35
6/26/2010 17:46	2.39116	0.44
6/26/2010 18:01	2.324979	0.51
6/26/2010 18:16	2.257748	0.57
6/26/2010 18:31	2.201304	0.63
6/26/2010 18:46	2.138564	0.69
6/26/2010 19:01	2.074735	0.76
6/26/2010 19:16	2.037581	0.79
6/26/2010 19:31	1.978365	0.85
6/26/2010 19:46	1.970575	0.86
6/26/2010 20:01	1.97781	0.85
6/26/2010 20:16	1.968355	0.86
6/26/2010 20:31	1.979332	0.85
6/26/2010 20:46	1.986238	0.84
6/26/2010 21:01	1.990205	0.84
6/26/2010 21:16	2.013811	0.82
6/26/2010 21:31	2.071367	0.76
6/26/2010 21:46	2.13048	0.70
6/26/2010 22:01	2.174341	0.66
6/26/2010 22:16	2.236202	0.59
6/26/2010 22:31	2.285295	0.54
6/26/2010 22:46	2.34186	0.49
6/26/2010 23:01	2.41355	0.42
6/26/2010 23:16	2.482776	0.35
6/26/2010 23:31	2.545898	0.28
6/26/2010 23:46	2.606981	0.22
6/27/2010 0:01	2.671967	0.16
6/27/2010 0:16	2.740884	0.09
6/27/2010 0:31	2.787685	0.04
6/27/2010 0:46	2.844586	-0.01
6/27/2010 1:01	2.901239	-0.07
6/27/2010 1:16	2.940737	-0.11
6/27/2010 1:31	2.99564	-0.17
6/27/2010 1:46	3.028942	-0.20
6/27/2010 2:01	3.064385	-0.23
6/27/2010 2:16	3.097229	-0.27
6/27/2010 2:31	3.075997	-0.25
6/27/2010 2:46	3.057065	-0.23
6/27/2010 3:01	3.018505	-0.19
6/27/2010 3:16	2.96053	-0.13
6/27/2010 3:31	2.920879	-0.09
6/27/2010 3:46	2.864002	-0.03
6/27/2010 4:01	2.800757	0.03
6/27/2010 4:16	2.734895	0.10
6/27/2010 4:31	2.637434	0.19
6/27/2010 4:46	2.546116	0.28
6/27/2010 5:01	2.437785	0.39
6/27/2010 5:16	2.34105	0.49
6/27/2010 5:31	2.244262	0.59
6/27/2010 5:46	2.151124	0.68
6/27/2010 6:01	2.078999	0.75

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
6/26/2010 8:15	30.021463	34.01
6/26/2010 8:30	30.026203	34.02
6/26/2010 8:45	30.013468	34.01
6/26/2010 9:00	30.010757	34.00
6/26/2010 9:15	30.006189	34.00
6/26/2010 9:30	30.004768	34.00
6/26/2010 9:45	30.004353	33.99
6/26/2010 10:00	30.01111	34.00
6/26/2010 10:15	30.011494	34.00
6/26/2010 10:30	30.00897	34.00
6/26/2010 10:45	30.000729	33.99
6/26/2010 11:00	30.000267	33.99
6/26/2010 11:15	29.994333	33.98
6/26/2010 11:30	29.994694	33.98
6/26/2010 11:45	29.98711	33.98
6/26/2010 12:00	29.977518	33.96
6/26/2010 12:15	29.973673	33.96
6/26/2010 12:30	29.970863	33.96
6/26/2010 12:45	29.967871	33.95
6/26/2010 13:00	29.958673	33.94
6/26/2010 13:15	29.948109	33.93
6/26/2010 13:30	29.947729	33.93
6/26/2010 13:45	29.944738	33.93
6/26/2010 14:00	29.937357	33.92
6/26/2010 14:15	29.937357	33.92
6/26/2010 14:30	29.929787	33.91
6/26/2010 14:45	29.925665	33.91
6/26/2010 15:00	29.926188	33.91
6/26/2010 15:15	29.9119	33.89
6/26/2010 15:30	29.915161	33.89
6/26/2010 15:45	29.909243	33.89
6/26/2010 16:00	29.903563	33.88
6/26/2010 16:15	29.899265	33.88
6/26/2010 16:30	29.892641	33.87
6/26/2010 16:45	29.88282	33.86
6/26/2010 17:00	29.880079	33.85
6/26/2010 17:15	29.869135	33.84
6/26/2010 17:30	29.86902	33.84
6/26/2010 17:45	29.865204	33.84
6/26/2010 18:00	29.859324	33.83
6/26/2010 18:15	29.863989	33.84
6/26/2010 18:30	29.861557	33.83
6/26/2010 18:45	29.853872	33.82
6/26/2010 19:00	29.857092	33.83
6/26/2010 19:15	29.848949	33.82
6/26/2010 19:30	29.846735	33.82
6/26/2010 19:45	29.852253	33.82
6/26/2010 20:00	29.859482	33.83
6/26/2010 20:15	29.858715	33.83
6/26/2010 20:30	29.857925	33.83
6/26/2010 20:45	29.856644	33.83
6/26/2010 21:00	29.862053	33.83
6/26/2010 21:15	29.859324	33.83
6/26/2010 21:30	29.866129	33.84
6/26/2010 21:45	29.863989	33.84
6/26/2010 22:00	29.865578	33.84
6/26/2010 22:15	29.867514	33.84
6/26/2010 22:30	29.868893	33.84
6/26/2010 22:45	29.866129	33.84
6/26/2010 23:00	29.870514	33.84
6/26/2010 23:15	29.872715	33.85
6/26/2010 23:30	29.870247	33.84
6/26/2010 23:45	29.872883	33.85
6/27/2010 0:00	29.868893	33.84
6/27/2010 0:15	29.864487	33.84
6/27/2010 0:30	29.861206	33.83
6/27/2010 0:45	29.867748	33.84
6/27/2010 1:00	29.854448	33.83
6/27/2010 1:15	29.847036	33.82

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/27/2010 6:45	0.969183	1.16	1.21
6/27/2010 7:00	0.908461	1.22	1.26
6/27/2010 7:15	0.852252	1.28	1.32
6/27/2010 7:30	0.799901	1.33	1.37
6/27/2010 7:45	0.758041	1.37	1.40
6/27/2010 8:00	0.720958	1.41	1.44
6/27/2010 8:15	0.690076	1.44	1.47
6/27/2010 8:30	0.67431	1.46	1.50
6/27/2010 8:45	0.663434	1.47	1.50
6/27/2010 9:00	0.657633	1.47	1.49
6/27/2010 9:15	0.660842	1.47	1.50
6/27/2010 9:30	0.671259	1.46	1.49
6/27/2010 9:45	0.682774	1.45	1.47
6/27/2010 10:00	0.709885	1.42	1.45
6/27/2010 10:15	0.739007	1.39	1.41
6/27/2010 10:30	0.773699	1.36	1.38
6/27/2010 10:45	0.810759	1.32	1.34
6/27/2010 11:00	0.849344	1.28	1.29
6/27/2010 11:15	0.891346	1.24	1.25
6/27/2010 11:30	0.936428	1.19	1.20
6/27/2010 11:45	0.978505	1.15	1.16
6/27/2010 12:00	1.026232	1.10	1.11
6/27/2010 12:15	1.071094	1.06	1.07
6/27/2010 12:30	1.116263	1.01	1.01
6/27/2010 12:45	1.159107	0.97	0.97
6/27/2010 13:00	1.201103	0.93	0.92
6/27/2010 13:15	1.245749	0.88	0.87
6/27/2010 13:30	1.285707	0.84	0.83
6/27/2010 13:45	1.328784	0.80	0.78
6/27/2010 14:00	1.376793	0.75	0.73
6/27/2010 14:15	1.425998	0.70	0.68
6/27/2010 14:30	1.48447	0.65	0.62
6/27/2010 14:45	1.537852	0.59	0.56
6/27/2010 15:00	1.571374	0.56	0.52
6/27/2010 15:15	1.606534	0.52	0.47
6/27/2010 15:30	1.637294	0.49	0.43
6/27/2010 15:45	1.655873	0.47	0.41
6/27/2010 16:00	1.674511	0.46	0.39
6/27/2010 16:15	1.679019	0.45	0.38
6/27/2010 16:30	1.678683	0.45	0.38
6/27/2010 16:45	1.668908	0.46	0.38
6/27/2010 17:00	1.64617	0.48	0.40
6/27/2010 17:15	1.631992	0.50	0.42
6/27/2010 17:30	1.602337	0.53	0.44
6/27/2010 17:45	1.576537	0.55	0.45
6/27/2010 18:00	1.554043	0.58	0.48
6/27/2010 18:15	1.516101	0.61	0.50
6/27/2010 18:30	1.467063	0.66	0.55
6/27/2010 18:45	1.415824	0.71	0.61
6/27/2010 19:00	1.369822	0.76	0.66
6/27/2010 19:15	1.330038	0.80	0.70
6/27/2010 19:30	1.29626	0.83	0.73
6/27/2010 19:45	1.266085	0.86	0.78
6/27/2010 20:00	1.241786	0.89	0.80
6/27/2010 20:15	1.210453	0.92	0.83
6/27/2010 20:30	1.183591	0.95	0.87
6/27/2010 20:45	1.175838	0.95	0.86
6/27/2010 21:00	1.147953	0.98	0.89
6/27/2010 21:15	1.163886	0.97	0.87
6/27/2010 21:30	1.167637	0.96	0.86
6/27/2010 21:45	1.145631	0.98	0.89
6/27/2010 22:00	1.159239	0.97	0.88
6/27/2010 22:15	1.168732	0.96	0.85
6/27/2010 22:30	1.194518	0.94	0.83
6/27/2010 22:45	1.233433	0.90	0.80
6/27/2010 23:00	1.256695	0.87	0.77
6/27/2010 23:15	1.283743	0.85	0.75
6/27/2010 23:30	1.314749	0.82	0.72
6/27/2010 23:45	1.349698	0.78	0.68

FMC-Gage (Parkside Marina)		
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)
6/27/2010 6:16	1.991854	0.84
6/27/2010 6:31	1.90788	0.92
6/27/2010 6:46	1.826991	1.00
6/27/2010 7:01	1.73541	1.09
6/27/2010 7:16	1.660738	1.17
6/27/2010 7:31	1.599504	1.23
6/27/2010 7:46	1.552719	1.28
6/27/2010 8:01	1.511637	1.32
6/27/2010 8:16	1.486526	1.34
6/27/2010 8:31	1.489412	1.34
6/27/2010 8:46	1.487553	1.34
6/27/2010 9:01	1.497253	1.33
6/27/2010 9:16	1.522501	1.31
6/27/2010 9:31	1.552252	1.28
6/27/2010 9:46	1.587638	1.24
6/27/2010 10:01	1.655588	1.17
6/27/2010 10:16	1.702765	1.13
6/27/2010 10:31	1.774969	1.06
6/27/2010 10:46	1.844584	0.99
6/27/2010 11:01	1.899918	0.93
6/27/2010 11:16	1.969536	0.86
6/27/2010 11:31	2.038526	0.79
6/27/2010 11:46	2.109871	0.72
6/27/2010 12:01	2.180445	0.65
6/27/2010 12:16	2.248269	0.58
6/27/2010 12:31	2.313695	0.52
6/27/2010 12:46	2.376338	0.45
6/27/2010 13:01	2.425236	0.40
6/27/2010 13:16	2.491174	0.34
6/27/2010 13:31	2.550293	0.28
6/27/2010 13:46	2.609043	0.22
6/27/2010 14:01	2.684778	0.15
6/27/2010 14:16	2.793297	0.04
6/27/2010 14:31	2.871099	-0.04
6/27/2010 14:46	2.926272	-0.10
6/27/2010 15:01	2.963704	-0.13
6/27/2010 15:16	3.006403	-0.18
6/27/2010 15:31	3.03361	-0.20
6/27/2010 15:46	3.039381	-0.21
6/27/2010 16:01	3.048271	-0.22
6/27/2010 16:16	3.030131	-0.20
6/27/2010 16:31	3.011225	-0.18
6/27/2010 16:46	2.969962	-0.14
6/27/2010 17:01	2.923795	-0.09
6/27/2010 17:16	2.896069	-0.07
6/27/2010 17:31	2.828182	0.00
6/27/2010 17:46	2.792932	0.04
6/27/2010 18:01	2.759951	0.07
6/27/2010 18:16	2.679051	0.15
6/27/2010 18:31	2.58707	0.24
6/27/2010 18:46	2.503708	0.33
6/27/2010 19:01	2.438552	0.39
6/27/2010 19:16	2.389888	0.44
6/27/2010 19:31	2.349094	0.48
6/27/2010 19:46	2.311856	0.52
6/27/2010 20:01	2.288326	0.54
6/27/2010 20:16	2.230903	0.60
6/27/2010 20:31	2.211814	0.62
6/27/2010 20:46	2.211795	0.62
6/27/2010 21:01	2.164501	0.67
6/27/2010 21:16	2.256711	0.57
6/27/2010 21:31	2.229904	0.60
6/27/2010 21:46	2.189881	0.64
6/27/2010 22:01	2.261928	0.57
6/27/2010 22:16	2.259628	0.57
6/27/2010 22:31	2.341367	0.49
6/27/2010 22:46	2.411384	0.42
6/27/2010 23:01	2.429661	0.40
6/27/2010 23:16	2.481514	0.35

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
6/27/2010 1:30	29.848505	33.82
6/27/2010 1:45	29.834789	33.80
6/27/2010 2:00	29.825779	33.79
6/27/2010 2:15	29.831636	33.80
6/27/2010 2:30	29.825462	33.79
6/27/2010 2:45	29.831629	33.80
6/27/2010 3:00	29.836914	33.81
6/27/2010 3:15	29.834801	33.80
6/27/2010 3:30	29.828196	33.80
6/27/2010 3:45	29.824579	33.79
6/27/2010 4:00	29.831219	33.80
6/27/2010 4:15	29.832127	33.80
6/27/2010 4:30	29.830414	33.80
6/27/2010 4:45	29.828888	33.80
6/27/2010 5:00	29.832205	33.80
6/27/2010 5:15	29.838051	33.81
6/27/2010 5:30	29.832338	33.80
6/27/2010 5:45	29.842468	33.81
6/27/2010 6:00	29.845076	33.81
6/27/2010 6:15	29.847662	33.82
6/27/2010 6:30	29.83917	33.81
6/27/2010 6:45	29.839252	33.81
6/27/2010 7:00	29.83559	33.80
6/27/2010 7:15	29.833015	33.80
6/27/2010 7:30	29.830814	33.80
6/27/2010 7:45	29.827614	33.79
6/27/2010 8:00	29.82703	33.79
6/27/2010 8:15	29.822886	33.79
6/27/2010 8:30	29.828739	33.80
6/27/2010 8:45	29.826845	33.79
6/27/2010 9:00	29.817989	33.78
6/27/2010 9:15	29.823532	33.79
6/27/2010 9:30	29.822224	33.79
6/27/2010 9:45	29.816486	33.78
6/27/2010 10:00	29.820564	33.79
6/27/2010 10:15	29.815411	33.78
6/27/2010 10:30	29.815411	33.78
6/27/2010 10:45	29.812366	33.78
6/27/2010 11:00	29.807365	33.77
6/27/2010 11:15	29.808783	33.77
6/27/2010 11:30	29.807751	33.77
6/27/2010 11:45	29.808828	33.77
6/27/2010 12:00	29.807182	33.77
6/27/2010 12:15	29.804508	33.77
6/27/2010 12:30	29.799326	33.76
6/27/2010 12:45	29.795008	33.76
6/27/2010 13:00	29.789436	33.75
6/27/2010 13:15	29.79117	33.75
6/27/2010 13:30	29.787701	33.75
6/27/2010 13:45	29.781767	33.74
6/27/2010 14:00	29.777967	33.74
6/27/2010 14:15	29.777269	33.74
6/27/2010 14:30	29.771393	33.73
6/27/2010 14:45	29.767025	33.73
6/27/2010 15:00	29.7612	33.72
6/27/2010 15:15	29.755602	33.71
6/27/2010 15:30	29.744875	33.70
6/27/2010 15:45	29.741859	33.70
6/27/2010 16:00	29.7381	33.69
6/27/2010 16:15	29.739435	33.69
6/27/2010 16:30	29.732248	33.69
6/27/2010 16:45	29.727608	33.68
6/27/2010 17:00	29.727919	33.68
6/27/2010 17:15	29.726645	33.68
6/27/2010 17:30	29.71697	33.67
6/27/2010 17:45	29.710545	33.66
6/27/2010 18:00	29.706478	33.66
6/27/2010 18:15	29.698948	33.65
6/27/2010 18:30	29.702852	33.65

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/28/2010 0:00	1.392125	0.74	0.64
6/28/2010 0:15	1.423851	0.71	0.60
6/28/2010 0:30	1.465536	0.66	0.56
6/28/2010 0:45	1.507015	0.62	0.51
6/28/2010 1:00	1.540057	0.59	0.48
6/28/2010 1:15	1.57953	0.55	0.44
6/28/2010 1:30	1.611108	0.52	0.41
6/28/2010 1:45	1.634276	0.50	0.39
6/28/2010 2:00	1.665583	0.46	0.34
6/28/2010 2:15	1.68882	0.44	0.30
6/28/2010 2:30	1.714218	0.42	0.28
6/28/2010 2:45	1.73885	0.39	0.25
6/28/2010 3:00	1.755116	0.37	0.23
6/28/2010 3:15	1.763847	0.37	0.23
6/28/2010 3:30	1.747713	0.38	0.23
6/28/2010 3:45	1.732048	0.40	0.25
6/28/2010 4:00	1.714656	0.42	0.27
6/28/2010 4:15	1.681949	0.45	0.30
6/28/2010 4:30	1.657084	0.47	0.32
6/28/2010 4:45	1.626205	0.50	0.35
6/28/2010 5:00	1.575473	0.55	0.40
6/28/2010 5:15	1.523986	0.61	0.47
6/28/2010 5:30	1.457709	0.67	0.53
6/28/2010 5:45	1.379202	0.75	0.61
6/28/2010 6:00	1.314311	0.82	0.70
6/28/2010 6:15	1.247572	0.88	0.76
6/28/2010 6:30	1.187427	0.94	0.82
6/28/2010 6:45	1.13514	0.99	0.88
6/28/2010 7:00	1.067134	1.06	0.95
6/28/2010 7:15	1.001199	1.13	1.02
6/28/2010 7:30	0.935388	1.19	1.08
6/28/2010 7:45	0.880502	1.25	1.14
6/28/2010 8:00	0.827052	1.30	1.19
6/28/2010 8:15	0.77708	1.35	1.24
6/28/2010 8:30	0.743197	1.39	1.28
6/28/2010 8:45	0.703178	1.43	1.32
6/28/2010 9:00	0.678076	1.45	1.34
6/28/2010 9:15	0.656805	1.47	1.36
6/28/2010 9:30	0.635851	1.49	1.37
6/28/2010 9:45	0.624227	1.51	1.39
6/28/2010 10:00	0.625225	1.50	1.38
6/28/2010 10:15	0.624624	1.51	1.39
6/28/2010 10:30	0.642925	1.49	1.37
6/28/2010 10:45	0.660574	1.47	1.35
6/28/2010 11:00	0.6777	1.45	1.31
6/28/2010 11:15	0.713402	1.42	1.28
6/28/2010 11:30	0.735154	1.39	1.25
6/28/2010 11:45	0.76851	1.36	1.22
6/28/2010 12:00	0.808513	1.32	1.18
6/28/2010 12:15	0.839317	1.29	1.17
6/28/2010 12:30	0.880487	1.25	1.11
6/28/2010 12:45	0.918785	1.21	1.07
6/28/2010 13:00	0.974589	1.16	1.04
6/28/2010 13:15	1.027656	1.10	0.96
6/28/2010 13:30	1.073772	1.06	0.90
6/28/2010 13:45	1.123442	1.01	0.86
6/28/2010 14:00	1.156001	0.97	0.80
6/28/2010 14:15	1.191311	0.94	0.77
6/28/2010 14:30	1.243758	0.89	0.74
6/28/2010 14:45	1.301397	0.83	0.71
6/28/2010 15:00	1.38328	0.75	0.64
6/28/2010 15:15	1.481557	0.65	0.58
6/28/2010 15:30	1.571715	0.56	0.48
6/28/2010 15:45	1.661008	0.47	0.39
6/28/2010 16:00	1.615826	0.51	0.43
6/28/2010 16:15	1.536923	0.59	0.51
6/28/2010 16:30	1.573428	0.56	0.46
6/28/2010 16:45	1.598539	0.53	0.43
6/28/2010 17:00	1.647457	0.48	0.36

FMC-Gage (Parkside Marina)			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	
6/27/2010 23:31	2.532625	0.30	
6/27/2010 23:46	2.595061	0.23	
6/28/2010 0:01	2.659932	0.17	
6/28/2010 0:16	2.697254	0.13	
6/28/2010 0:31	2.814037	0.02	
6/28/2010 0:46	2.835316	-0.01	
6/28/2010 1:01	2.871931	-0.04	
6/28/2010 1:16	2.941891	-0.11	
6/28/2010 1:31	2.967914	-0.14	
6/28/2010 1:46	2.991157	-0.16	
6/28/2010 2:01	3.036861	-0.21	
6/28/2010 2:16	3.060781	-0.23	
6/28/2010 2:31	3.111207	-0.28	
6/28/2010 2:46	3.147147	-0.32	
6/28/2010 3:01	3.151726	-0.32	
6/28/2010 3:16	3.145723	-0.32	
6/28/2010 3:31	3.08091	-0.25	
6/28/2010 3:46	3.058258	-0.23	
6/28/2010 4:01	3.009809	-0.18	
6/28/2010 4:16	2.940835	-0.11	
6/28/2010 4:31	2.912394	-0.08	
6/28/2010 4:46	2.843977	-0.01	
6/28/2010 5:01	2.737299	0.09	
6/28/2010 5:16	2.661901	0.17	
6/28/2010 5:31	2.526896	0.30	
6/28/2010 5:46	2.396233	0.43	
6/28/2010 6:01	2.312063	0.52	
6/28/2010 6:16	2.20828	0.62	
6/28/2010 6:31	2.139224	0.69	
6/28/2010 6:46	2.06576	0.76	
6/28/2010 7:01	1.949538	0.88	
6/28/2010 7:16	1.859938	0.97	
6/28/2010 7:31	1.759867	1.07	
6/28/2010 7:46	1.696829	1.13	
6/28/2010 8:01	1.629453	1.20	
6/28/2010 8:16	1.564557	1.27	
6/28/2010 8:31	1.536505	1.29	
6/28/2010 8:46	1.49138	1.34	
6/28/2010 9:01	1.476705	1.35	
6/28/2010 9:16	1.459447	1.37	
6/28/2010 9:31	1.444008	1.39	
6/28/2010 9:46	1.443151	1.39	
6/28/2010 10:01	1.461746	1.37	
6/28/2010 10:16	1.473174	1.36	
6/28/2010 10:31	1.537238	1.29	
6/28/2010 10:46	1.560702	1.27	
6/28/2010 11:01	1.605438	1.22	
6/28/2010 11:16	1.676854	1.15	
6/28/2010 11:31	1.702218	1.13	
6/28/2010 11:46	1.777603	1.05	
6/28/2010 12:01	1.838758	0.99	
6/28/2010 12:16	1.875966	0.95	
6/28/2010 12:31	1.957169	0.87	
6/28/2010 12:46	2.006049	0.82	
6/28/2010 13:01	2.123272	0.71	
6/28/2010 13:16	2.188929	0.64	
6/28/2010 13:31	2.256361	0.57	
6/28/2010 13:46	2.328476	0.50	
6/28/2010 14:01	2.351223	0.48	
6/28/2010 14:16	2.413037	0.42	
6/28/2010 14:31	2.509397	0.32	
6/28/2010 14:46	2.59463	0.24	
6/28/2010 15:01	2.780981	0.05	
6/28/2010 15:16	2.918146	-0.09	
6/28/2010 15:31	3.087662	-0.26	
6/28/2010 15:46	3.179204	-0.35	
6/28/2010 16:01	2.882154	-0.05	
6/28/2010 16:16	2.762564	0.07	
6/28/2010 16:31	2.918332	-0.09	

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
6/27/2010 18:45	29.706551	33.66
6/27/2010 19:00	29.71048	33.66
6/27/2010 19:15	29.710617	33.66
6/27/2010 19:30	29.7075	33.66
6/27/2010 19:45	29.722219	33.68
6/27/2010 20:00	29.720083	33.67
6/27/2010 20:15	29.713284	33.67
6/27/2010 20:30	29.727612	33.68
6/27/2010 20:45	29.714491	33.67
6/27/2010 21:00	29.715172	33.67
6/27/2010 21:15	29.709732	33.66
6/27/2010 21:30	29.712784	33.66
6/27/2010 21:45	29.718079	33.67
6/27/2010 22:00	29.716162	33.67
6/27/2010 22:15	29.702738	33.65
6/27/2010 22:30	29.700459	33.65
6/27/2010 22:45	29.710352	33.66
6/27/2010 23:00	29.712872	33.66
6/27/2010 23:15	29.708941	33.66
6/27/2010 23:30	29.705637	33.66
6/27/2010 23:45	29.706739	33.66
6/28/2010 0:00	29.706135	33.66
6/28/2010 0:15	29.697441	33.65
6/28/2010 0:30	29.707792	33.66
6/28/2010 0:45	29.696924	33.65
6/28/2010 1:00	29.701527	33.65
6/28/2010 1:15	29.702026	33.65
6/28/2010 1:30	29.700506	33.65
6/28/2010 1:45	29.699018	33.65
6/28/2010 2:00	29.69137	33.64
6/28/2010 2:15	29.681561	33.63
6/28/2010 2:30	29.679062	33.63
6/28/2010 2:45	29.67897	33.63
6/28/2010 3:00	29.679098	33.63
6/28/2010 3:15	29.679918	33.63
6/28/2010 3:30	29.67692	33.62
6/28/2010 3:45	29.67227	33.62
6/28/2010 4:00	29.670109	33.62
6/28/2010 4:15	29.672863	33.62
6/28/2010 4:30	29.674446	33.62
6/28/2010 4:45	29.675631	33.62
6/28/2010 5:00	29.67655	33.62
6/28/2010 5:15	29.678144	33.63
6/28/2010 5:30	29.678596	33.63
6/28/2010 5:45	29.686192	33.63
6/28/2010 6:00	29.689749	33.64
6/28/2010 6:15	29.693388	33.64
6/28/2010 6:30	29.694607	33.64
6/28/2010 6:45	29.700233	33.65
6/28/2010 7:00	29.698538	33.65
6/28/2010 7:15	29.697052	33.65
6/28/2010 7:30	29.700233	33.65
6/28/2010 7:45	29.700096	33.65
6/28/2010 8:00	29.699018	33.65
6/28/2010 8:15	29.698931	33.65
6/28/2010 8:30	29.702547	33.65
6/28/2010 8:45	29.699898	33.65
6/28/2010 9:00	29.701403	33.65
6/28/2010 9:15	29.70101	33.65
6/28/2010 9:30	29.693796	33.64
6/28/2010 9:45	29.691978	33.64
6/28/2010 10:00	29.68878	33.64
6/28/2010 10:15	29.68878	33.64
6/28/2010 10:30	29.688368	33.64
6/28/2010 10:45	29.691093	33.64
6/28/2010 11:00	29.684799	33.63
6/28/2010 11:15	29.683037	33.63
6/28/2010 11:30	29.686445	33.63
6/28/2010 11:45	29.683205	33.63

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/28/2010 17:15	1.707458	0.42	0.28
6/28/2010 17:30	1.722481	0.41	0.26
6/28/2010 17:45	1.658426	0.47	0.35
6/28/2010 18:00	1.642055	0.49	0.35
6/28/2010 18:15	1.670895	0.46	0.34
6/28/2010 18:30	1.638148	0.49	0.35
6/28/2010 18:45	1.608562	0.52	0.38
6/28/2010 19:00	1.575124	0.55	0.41
6/28/2010 19:15	1.474502	0.66	0.54
6/28/2010 19:30	1.422396	0.71	0.59
6/28/2010 19:45	1.369326	0.76	0.66
6/28/2010 20:00	1.364517	0.77	0.66
6/28/2010 20:15	1.368235	0.76	0.65
6/28/2010 20:30	1.337375	0.79	0.69
6/28/2010 20:45	1.328444	0.80	0.71
6/28/2010 21:00	1.311143	0.82	0.73
6/28/2010 21:15	1.264964	0.87	0.78
6/28/2010 21:30	1.256511	0.87	0.79
6/28/2010 21:45	1.246469	0.88	0.81
6/28/2010 22:00	1.222425	0.91	0.85
6/28/2010 22:15	1.224207	0.91	0.86
6/28/2010 22:30	1.25575	0.87	0.82
6/28/2010 22:45	1.295784	0.83	0.78
6/28/2010 23:00	1.328707	0.80	0.75
6/28/2010 23:15	1.375192	0.75	0.70
6/28/2010 23:30	1.399965	0.73	0.67
6/28/2010 23:45	1.408394	0.72	0.67
6/29/2010 0:00	1.439881	0.69	0.64
6/29/2010 0:15	1.475512	0.65	0.61
6/29/2010 0:30	1.513798	0.62	0.58
6/29/2010 0:45	1.553614	0.58	0.53
6/29/2010 1:00	1.599478	0.53	0.49
6/29/2010 1:15	1.63944	0.49	0.45
6/29/2010 1:30	1.669422	0.46	0.42
6/29/2010 1:45	1.708357	0.42	0.38
6/29/2010 2:00	1.74535	0.38	0.34
6/29/2010 2:15	1.784012	0.35	0.31
6/29/2010 2:30	1.826422	0.30	0.26
6/29/2010 2:45	1.863228	0.27	0.24
6/29/2010 3:00	1.894308	0.24	0.21
6/29/2010 3:15	1.911482	0.22	0.20
6/29/2010 3:30	1.929164	0.20	0.18
6/29/2010 3:45	1.952759	0.18	0.16
6/29/2010 4:00	1.961943	0.17	0.15
6/29/2010 4:15	1.968517	0.16	0.15
6/29/2010 4:30	1.967665	0.16	0.16
6/29/2010 4:45	1.940382	0.19	0.19
6/29/2010 5:00	1.92132	0.21	0.22
6/29/2010 5:15	1.89729	0.23	0.24
6/29/2010 5:30	1.86342	0.27	0.29
6/29/2010 5:45	1.836053	0.29	0.32
6/29/2010 6:00	1.795343	0.33	0.37
6/29/2010 6:15	1.75048	0.38	0.42
6/29/2010 6:30	1.717719	0.41	0.46
6/29/2010 6:45	1.673564	0.46	0.52
6/29/2010 7:00	1.631727	0.50	0.55
6/29/2010 7:15	1.58531	0.54	0.61
6/29/2010 7:30	1.524121	0.61	0.69
6/29/2010 7:45	1.477226	0.65	0.73
6/29/2010 8:00	1.436876	0.69	0.77
6/29/2010 8:15	1.394948	0.74	0.83
6/29/2010 8:30	1.366792	0.76	0.86
6/29/2010 8:45	1.330418	0.80	0.89
6/29/2010 9:00	1.290455	0.84	0.94
6/29/2010 9:15	1.252946	0.88	0.97
6/29/2010 9:30	1.219907	0.91	1.01
6/29/2010 9:45	1.194976	0.94	1.04
6/29/2010 10:00	1.183584	0.95	1.05
6/29/2010 10:15	1.180742	0.95	1.05

FMC-Gage (Parkside Marina)		
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)
6/28/2010 16:46	2.941803	-0.11
6/28/2010 17:01	3.060764	-0.23
6/28/2010 17:16	3.159345	-0.33
6/28/2010 17:31	3.101771	-0.27
6/28/2010 17:46	2.899971	-0.07
6/28/2010 18:01	2.965347	-0.14
6/28/2010 18:16	3.017856	-0.19
6/28/2010 18:31	2.882075	-0.05
6/28/2010 18:46	2.862816	-0.03
6/28/2010 19:01	2.755571	0.07
6/28/2010 19:16	2.549328	0.28
6/28/2010 19:31	2.511805	0.32
6/28/2010 19:46	2.425368	0.40
6/28/2010 20:01	2.497195	0.33
6/28/2010 20:16	2.512947	0.32
6/28/2010 20:31	2.44327	0.39
6/28/2010 20:46	2.458136	0.37
6/28/2010 21:01	2.404008	0.43
6/28/2010 21:16	2.314023	0.52
6/28/2010 21:31	2.349112	0.48
6/28/2010 21:46	2.322588	0.51
6/28/2010 22:01	2.286044	0.54
6/28/2010 22:16	2.326355	0.50
6/28/2010 22:31	2.418304	0.41
6/28/2010 22:46	2.495972	0.33
6/28/2010 23:01	2.551971	0.28
6/28/2010 23:16	2.636952	0.19
6/28/2010 23:31	2.638591	0.19
6/28/2010 23:46	2.641201	0.19
6/29/2010 0:01	2.710927	0.12
6/29/2010 0:16	2.76823	0.06
6/29/2010 0:31	2.830014	0.00
6/29/2010 0:46	2.889747	-0.06
6/29/2010 1:01	2.965614	-0.14
6/29/2010 1:16	3.012366	-0.18
6/29/2010 1:31	3.049406	-0.22
6/29/2010 1:46	3.117818	-0.29
6/29/2010 2:01	3.168018	-0.34
6/29/2010 2:16	3.229086	-0.40
6/29/2010 2:31	3.30051	-0.47
6/29/2010 2:46	3.342484	-0.51
6/29/2010 3:01	3.375972	-0.55
6/29/2010 3:16	3.376793	-0.55
6/29/2010 3:31	3.399154	-0.57
6/29/2010 3:46	3.469591	-0.64
6/29/2010 4:01	3.434073	-0.60
6/29/2010 4:16	3.433782	-0.60
6/29/2010 4:31	3.401321	-0.57
6/29/2010 4:46	3.331242	-0.50
6/29/2010 5:01	3.307672	-0.48
6/29/2010 5:16	3.248291	-0.42
6/29/2010 5:31	3.1904	-0.36
6/29/2010 5:46	3.150242	-0.32
6/29/2010 6:01	3.061883	-0.23
6/29/2010 6:16	2.994094	-0.16
6/29/2010 6:31	2.954562	-0.12
6/29/2010 6:46	2.867643	-0.04
6/29/2010 7:01	2.814174	0.02
6/29/2010 7:16	2.727809	0.10
6/29/2010 7:31	2.62323	0.21
6/29/2010 7:46	2.57349	0.26
6/29/2010 8:01	2.511977	0.32
6/29/2010 8:16	2.465575	0.36
6/29/2010 8:31	2.441239	0.39
6/29/2010 8:46	2.375485	0.45
6/29/2010 9:01	2.316562	0.51
6/29/2010 9:16	2.271557	0.56
6/29/2010 9:31	2.22764	0.60
6/29/2010 9:46	2.207165	0.62

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
6/28/2010 12:00	29.68264	33.63
6/28/2010 12:15	29.688471	33.64
6/28/2010 12:30	29.681988	33.63
6/28/2010 12:45	29.682064	33.63
6/28/2010 13:00	29.686728	33.64
6/28/2010 13:15	29.67872	33.63
6/28/2010 13:30	29.668997	33.61
6/28/2010 13:45	29.67205	33.62
6/28/2010 14:00	29.651815	33.60
6/28/2010 14:15	29.655155	33.60
6/28/2010 14:30	29.670845	33.62
6/28/2010 14:45	29.690889	33.64
6/28/2010 15:00	29.698305	33.65
6/28/2010 15:15	29.734833	33.69
6/28/2010 15:30	29.726053	33.68
6/28/2010 15:45	29.727461	33.68
6/28/2010 16:00	29.727901	33.68
6/28/2010 16:15	29.727123	33.68
6/28/2010 16:30	29.705858	33.66
6/28/2010 16:45	29.707815	33.66
6/28/2010 17:00	29.694021	33.64
6/28/2010 17:15	29.679308	33.63
6/28/2010 17:30	29.675001	33.62
6/28/2010 17:45	29.687269	33.64
6/28/2010 18:00	29.683853	33.63
6/28/2010 18:15	29.688129	33.64
6/28/2010 18:30	29.683197	33.63
6/28/2010 18:45	29.686249	33.63
6/28/2010 19:00	29.684774	33.63
6/28/2010 19:15	29.687452	33.64
6/28/2010 19:30	29.69001	33.64
6/28/2010 19:45	29.70451	33.66
6/28/2010 20:00	29.704208	33.65
6/28/2010 20:15	29.703093	33.65
6/28/2010 20:30	29.705576	33.66
6/28/2010 20:45	29.71427	33.67
6/28/2010 21:00	29.714306	33.67
6/28/2010 21:15	29.718687	33.67
6/28/2010 21:30	29.724815	33.68
6/28/2010 21:45	29.73344	33.69
6/28/2010 22:00	29.742071	33.70
6/28/2010 22:15	29.749817	33.71
6/28/2010 22:30	29.752556	33.71
6/28/2010 22:45	29.750898	33.71
6/28/2010 23:00	29.751219	33.71
6/28/2010 23:15	29.751726	33.71
6/28/2010 23:30	29.74827	33.70
6/28/2010 23:45	29.752506	33.71
6/29/2010 0:00	29.751484	33.71
6/29/2010 0:15	29.75771	33.72
6/29/2010 0:30	29.757757	33.72
6/29/2010 0:45	29.755037	33.71
6/29/2010 1:00	29.758614	33.72
6/29/2010 1:15	29.761667	33.72
6/29/2010 1:30	29.760098	33.72
6/29/2010 1:45	29.764046	33.72
6/29/2010 2:00	29.760241	33.72
6/29/2010 2:15	29.76544	33.72
6/29/2010 2:30	29.762514	33.72
6/29/2010 2:45	29.767126	33.73
6/29/2010 3:00	29.773603	33.73
6/29/2010 3:15	29.778948	33.74
6/29/2010 3:30	29.781773	33.74
6/29/2010 3:45	29.781563	33.74
6/29/2010 4:00	29.783028	33.74
6/29/2010 4:15	29.786619	33.75
6/29/2010 4:30	29.794655	33.76
6/29/2010 4:45	29.798227	33.76
6/29/2010 5:00	29.805681	33.77

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/29/2010 10:30	1.187213	0.94	1.05
6/29/2010 10:45	1.208133	0.92	1.03
6/29/2010 11:00	1.227521	0.90	1.01
6/29/2010 11:15	1.255273	0.87	0.99
6/29/2010 11:30	1.278143	0.85	0.97
6/29/2010 11:45	1.302478	0.83	0.95
6/29/2010 12:00	1.350077	0.78	0.92
6/29/2010 12:15	1.394136	0.74	0.88
6/29/2010 12:30	1.446675	0.68	0.82
6/29/2010 12:45	1.505976	0.62	0.77
6/29/2010 13:00	1.547355	0.58	0.72
6/29/2010 13:15	1.598659	0.53	0.67
6/29/2010 13:30	1.655227	0.47	0.62
6/29/2010 13:45	1.714468	0.42	0.56
6/29/2010 14:00	1.763387	0.37	0.51
6/29/2010 14:15	1.799476	0.33	0.47
6/29/2010 14:30	1.853755	0.28	0.42
6/29/2010 14:45	1.918819	0.21	0.36
6/29/2010 15:00	1.954209	0.18	0.33
6/29/2010 15:15	1.989643	0.14	0.29
6/29/2010 15:30	2.040775	0.09	0.24
6/29/2010 15:45	2.087455	0.04	0.19
6/29/2010 16:00	2.127834	0.00	0.15
6/29/2010 16:15	2.163225	-0.03	0.11
6/29/2010 16:30	2.202767	-0.07	0.05
6/29/2010 16:45	2.252083	-0.12	0.00
6/29/2010 17:00	2.28283	-0.15	-0.03
6/29/2010 17:15	2.29486	-0.16	-0.04
6/29/2010 17:30	2.299083	-0.17	-0.06
6/29/2010 17:45	2.285672	-0.16	-0.04
6/29/2010 18:00	2.26274	-0.13	-0.01
6/29/2010 18:15	2.232789	-0.10	0.04
6/29/2010 18:30	2.214846	-0.08	0.07
6/29/2010 18:45	2.206357	-0.08	0.08
6/29/2010 19:00	2.180203	-0.05	0.11
6/29/2010 19:15	2.148306	-0.02	0.15
6/29/2010 19:30	2.116467	0.01	0.19
6/29/2010 19:45	2.067374	0.06	0.24
6/29/2010 20:00	2.004638	0.13	0.33
6/29/2010 20:15	1.950276	0.18	0.38
6/29/2010 20:30	1.910573	0.22	0.43
6/29/2010 20:45	1.865885	0.26	0.48
6/29/2010 21:00	1.825328	0.30	0.52
6/29/2010 21:15	1.794467	0.34	0.56
6/29/2010 21:30	1.760196	0.37	0.59
6/29/2010 21:45	1.733214	0.40	0.63
6/29/2010 22:00	1.703086	0.43	0.67
6/29/2010 22:15	1.693497	0.44	0.68
6/29/2010 22:30	1.686976	0.44	0.68
6/29/2010 22:45	1.672645	0.46	0.71
6/29/2010 23:00	1.668603	0.46	0.71
6/29/2010 23:15	1.663482	0.47	0.72
6/29/2010 23:30	1.666773	0.46	0.71
6/29/2010 23:45	1.688642	0.44	0.70
6/30/2010 0:00	1.719723	0.41	0.68
6/30/2010 0:15	1.745694	0.38	0.66
6/30/2010 0:30	1.763754	0.37	0.66
6/30/2010 0:45	1.785272	0.34	0.63
6/30/2010 1:00	1.810728	0.32	0.61
6/30/2010 1:15	1.853338	0.28	0.57
6/30/2010 1:30	1.915667	0.21	0.50
6/30/2010 1:45	1.966235	0.16	0.45
6/30/2010 2:00	1.997715	0.13	0.43
6/30/2010 2:15	2.035586	0.09	0.41
6/30/2010 2:30	2.065731	0.06	0.38
6/30/2010 2:45	2.087644	0.04	0.36
6/30/2010 3:00	2.117507	0.01	0.34
6/30/2010 3:15	2.142734	-0.01	0.33
6/30/2010 3:30	2.140874	-0.01	0.32

FMC-Gage (Parkside Marina)		
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)
6/29/2010 10:01	2.215322	0.61
6/29/2010 10:16	2.23012	0.60
6/29/2010 10:31	2.270832	0.56
6/29/2010 10:46	2.317224	0.51
6/29/2010 11:01	2.360652	0.47
6/29/2010 11:16	2.407476	0.42
6/29/2010 11:31	2.449753	0.38
6/29/2010 11:46	2.490705	0.34
6/29/2010 12:01	2.59005	0.24
6/29/2010 12:16	2.655938	0.17
6/29/2010 12:31	2.746951	0.08
6/29/2010 12:46	2.849442	-0.02
6/29/2010 13:01	2.898064	-0.07
6/29/2010 13:16	2.982128	-0.15
6/29/2010 13:31	3.082	-0.25
6/29/2010 13:46	3.1537	-0.32
6/29/2010 14:01	3.213579	-0.38
6/29/2010 14:16	3.246674	-0.42
6/29/2010 14:31	3.360218	-0.53
6/29/2010 14:46	3.444858	-0.61
6/29/2010 15:01	3.460777	-0.63
6/29/2010 15:16	3.509016	-0.68
6/29/2010 15:31	3.58796	-0.76
6/29/2010 15:46	3.66069	-0.83
6/29/2010 16:01	3.698812	-0.87
6/29/2010 16:16	3.771275	-0.94
6/29/2010 16:31	3.842542	-1.01
6/29/2010 16:46	3.910124	-1.08
6/29/2010 17:01	3.918092	-1.09
6/29/2010 17:16	3.907788	-1.08
6/29/2010 17:31	3.89492	-1.06
6/29/2010 17:46	3.840303	-1.01
6/29/2010 18:01	3.778658	-0.95
6/29/2010 18:16	3.71538	-0.89
6/29/2010 18:31	3.69941	-0.87
6/29/2010 18:46	3.693308	-0.86
6/29/2010 19:01	3.621021	-0.79
6/29/2010 19:16	3.563211	-0.73
6/29/2010 19:31	3.505412	-0.68
6/29/2010 19:46	3.39607	-0.57
6/29/2010 20:01	3.284417	-0.45
6/29/2010 20:16	3.215193	-0.39
6/29/2010 20:31	3.168565	-0.34
6/29/2010 20:46	3.094944	-0.26
6/29/2010 21:01	3.047334	-0.22
6/29/2010 21:16	3.013665	-0.18
6/29/2010 21:31	2.966124	-0.14
6/29/2010 21:46	2.931967	-0.10
6/29/2010 22:01	2.89465	-0.06
6/29/2010 22:16	2.907831	-0.08
6/29/2010 22:31	2.911414	-0.08
6/29/2010 22:46	2.885742	-0.06
6/29/2010 23:01	2.898334	-0.07
6/29/2010 23:16	2.887384	-0.06
6/29/2010 23:31	2.911651	-0.08
6/29/2010 23:46	2.976467	-0.15
6/30/2010 0:01	3.041304	-0.21
6/30/2010 0:16	3.075537	-0.25
6/30/2010 0:31	3.096039	-0.27
6/30/2010 0:46	3.133206	-0.30
6/30/2010 1:01	3.188609	-0.36
6/30/2010 1:16	3.271422	-0.44
6/30/2010 1:31	3.413733	-0.58
6/30/2010 1:46	3.455368	-0.63
6/30/2010 2:01	3.475019	-0.65
6/30/2010 2:16	3.536736	-0.71
6/30/2010 2:31	3.568884	-0.74
6/30/2010 2:46	3.587578	-0.76
6/30/2010 3:01	3.63592	-0.81

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
6/29/2010 5:15	29.807152	33.77
6/29/2010 5:30	29.815142	33.78
6/29/2010 5:45	29.82436	33.79
6/29/2010 6:00	29.828762	33.80
6/29/2010 6:15	29.83123	33.80
6/29/2010 6:30	29.842113	33.81
6/29/2010 6:45	29.847544	33.82
6/29/2010 7:00	29.844805	33.81
6/29/2010 7:15	29.860851	33.83
6/29/2010 7:30	29.869469	33.84
6/29/2010 7:45	29.869314	33.84
6/29/2010 8:00	29.866671	33.84
6/29/2010 8:15	29.877123	33.85
6/29/2010 8:30	29.882816	33.86
6/29/2010 8:45	29.879053	33.85
6/29/2010 9:00	29.889122	33.86
6/29/2010 9:15	29.880314	33.85
6/29/2010 9:30	29.886093	33.86
6/29/2010 9:45	29.887787	33.86
6/29/2010 10:00	29.882685	33.86
6/29/2010 10:15	29.88942	33.86
6/29/2010 10:30	29.895685	33.87
6/29/2010 10:45	29.895077	33.87
6/29/2010 11:00	29.896816	33.87
6/29/2010 11:15	29.904232	33.88
6/29/2010 11:30	29.903328	33.88
6/29/2010 11:45	29.904308	33.88
6/29/2010 12:00	29.908434	33.89
6/29/2010 12:15	29.909277	33.89
6/29/2010 12:30	29.914757	33.89
6/29/2010 12:45	29.916332	33.90
6/29/2010 13:00	29.913351	33.89
6/29/2010 13:15	29.910782	33.89
6/29/2010 13:30	29.916536	33.90
6/29/2010 13:45	29.913837	33.89
6/29/2010 14:00	29.915638	33.89
6/29/2010 14:15	29.913351	33.89
6/29/2010 14:30	29.91515	33.89
6/29/2010 14:45	29.91967	33.90
6/29/2010 15:00	29.919085	33.90
6/29/2010 15:15	29.92115	33.90
6/29/2010 15:30	29.922085	33.90
6/29/2010 15:45	29.918653	33.90
6/29/2010 16:00	29.919998	33.90
6/29/2010 16:15	29.913502	33.89
6/29/2010 16:30	29.906744	33.88
6/29/2010 16:45	29.89954	33.88
6/29/2010 17:00	29.902542	33.88
6/29/2010 17:15	29.898777	33.88
6/29/2010 17:30	29.896961	33.87
6/29/2010 17:45	29.900362	33.88
6/29/2010 18:00	29.901855	33.88
6/29/2010 18:15	29.91021	33.89
6/29/2010 18:30	29.917957	33.90
6/29/2010 18:45	29.925222	33.91
6/29/2010 19:00	29.931368	33.91
6/29/2010 19:15	29.939737	33.92
6/29/2010 19:30	29.943493	33.93
6/29/2010 19:45	29.94978	33.93
6/29/2010 20:00	29.960913	33.95
6/29/2010 20:15	29.967865	33.95
6/29/2010 20:30	29.973995	33.96
6/29/2010 20:45	29.977938	33.97
6/29/2010 21:00	29.978275	33.97
6/29/2010 21:15	29.982046	33.97
6/29/2010 21:30	29.980734	33.97
6/29/2010 21:45	29.991735	33.98
6/29/2010 22:00	29.999485	33.99
6/29/2010 22:15	29.995655	33.99

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/30/2010 3:45	2.145808	-0.02	0.33
6/30/2010 4:00	2.17173	-0.04	0.32
6/30/2010 4:15	2.191687	-0.06	0.30
6/30/2010 4:30	2.222046	-0.09	0.27
6/30/2010 4:45	2.246043	-0.12	0.25
6/30/2010 5:00	2.256195	-0.13	0.25
6/30/2010 5:15	2.243217	-0.11	0.27
6/30/2010 5:30	2.210612	-0.08	0.32
6/30/2010 5:45	2.182678	-0.05	0.35
6/30/2010 6:00	2.170078	-0.04	0.37
6/30/2010 6:15	2.163265	-0.03	0.38
6/30/2010 6:30	2.156886	-0.03	0.38
6/30/2010 6:45	2.144486	-0.01	0.41
6/30/2010 7:00	2.124819	0.01	0.44
6/30/2010 7:15	2.091043	0.04	0.47
6/30/2010 7:30	2.048063	0.08	0.51
6/30/2010 7:45	2.014223	0.12	0.55
6/30/2010 8:00	1.974095	0.16	0.59
6/30/2010 8:15	1.931656	0.20	0.64
6/30/2010 8:30	1.894858	0.24	0.69
6/30/2010 8:45	1.863286	0.27	0.72
6/30/2010 9:00	1.813879	0.32	0.77
6/30/2010 9:15	1.785248	0.34	0.79
6/30/2010 9:30	1.759516	0.37	0.82
6/30/2010 9:45	1.733217	0.40	0.85
6/30/2010 10:00	1.723411	0.41	0.86
6/30/2010 10:15	1.708314	0.42	0.88
6/30/2010 10:30	1.694616	0.44	0.89
6/30/2010 10:45	1.691825	0.44	0.89
6/30/2010 11:00	1.681877	0.45	0.90
6/30/2010 11:15	1.694637	0.44	0.89
6/30/2010 11:30	1.71885	0.41	0.86
6/30/2010 11:45	1.736933	0.39	0.84
6/30/2010 12:00	1.769915	0.36	0.81
6/30/2010 12:15	1.791787	0.34	0.79
6/30/2010 12:30	1.808339	0.32	0.76
6/30/2010 12:45	1.832793	0.30	0.74
6/30/2010 13:00	1.85542	0.27	0.71
6/30/2010 13:15	1.889543	0.24	0.67
6/30/2010 13:30	1.936396	0.19	0.62
6/30/2010 13:45	1.969349	0.16	0.59
6/30/2010 14:00	2.001228	0.13	0.55
6/30/2010 14:15	2.026768	0.10	0.52
6/30/2010 14:30	2.049044	0.08	0.50
6/30/2010 14:45	2.078646	0.05	0.47
6/30/2010 15:00	2.114939	0.02	0.44
6/30/2010 15:15	2.147299	-0.02	0.40
6/30/2010 15:30	2.188829	-0.06	0.35
6/30/2010 15:45	2.221422	-0.09	0.31
6/30/2010 16:00	2.245537	-0.12	0.28
6/30/2010 16:15	2.261357	-0.13	0.25
6/30/2010 16:30	2.276665	-0.15	0.23
6/30/2010 16:45	2.283883	-0.15	0.21
6/30/2010 17:00	2.295821	-0.17	0.20
6/30/2010 17:15	2.307755	-0.18	0.18
6/30/2010 17:30	2.312996	-0.18	0.18
6/30/2010 17:45	2.301515	-0.17	0.18
6/30/2010 18:00	2.277209	-0.15	0.21
6/30/2010 18:15	2.252581	-0.12	0.24
6/30/2010 18:30	2.218051	-0.09	0.27
6/30/2010 18:45	2.177023	-0.05	0.31
6/30/2010 19:00	2.136955	-0.01	0.36
6/30/2010 19:15	2.096071	0.03	0.39
6/30/2010 19:30	2.04588	0.08	0.45
6/30/2010 19:45	1.988702	0.14	0.50
6/30/2010 20:00	1.925511	0.20	0.56
6/30/2010 20:15	1.857225	0.27	0.63
6/30/2010 20:30	1.792687	0.34	0.71
6/30/2010 20:45	1.733447	0.40	0.77

FMC-Gage (Parkside Marina)		
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)
6/30/2010 3:16	3.659171	-0.83
6/30/2010 3:31	3.61293	-0.78
6/30/2010 3:46	3.635307	-0.81
6/30/2010 4:01	3.685911	-0.86
6/30/2010 4:16	3.719717	-0.89
6/30/2010 4:31	3.772984	-0.94
6/30/2010 4:46	3.802712	-0.97
6/30/2010 5:01	3.787043	-0.96
6/30/2010 5:16	3.73008	-0.90
6/30/2010 5:31	3.643496	-0.81
6/30/2010 5:46	3.608214	-0.78
6/30/2010 6:01	3.600618	-0.77
6/30/2010 6:16	3.599542	-0.77
6/30/2010 6:31	3.586344	-0.76
6/30/2010 6:46	3.568082	-0.74
6/30/2010 7:01	3.521116	-0.69
6/30/2010 7:16	3.441485	-0.61
6/30/2010 7:31	3.404891	-0.57
6/30/2010 7:46	3.325031	-0.50
6/30/2010 8:01	3.260597	-0.43
6/30/2010 8:16	3.184574	-0.35
6/30/2010 8:31	3.154342	-0.32
6/30/2010 8:46	3.11151	-0.28
6/30/2010 9:01	3.012136	-0.18
6/30/2010 9:16	2.985098	-0.16
6/30/2010 9:31	2.958587	-0.13
6/30/2010 9:46	2.928862	-0.10
6/30/2010 10:01	2.936251	-0.11
6/30/2010 10:16	2.911478	-0.08
6/30/2010 10:31	2.902881	-0.07
6/30/2010 10:46	2.908957	-0.08
6/30/2010 11:01	2.898725	-0.07
6/30/2010 11:16	2.961908	-0.13
6/30/2010 11:31	2.999949	-0.17
6/30/2010 11:46	3.035403	-0.21
6/30/2010 12:01	3.107044	-0.28
6/30/2010 12:16	3.125201	-0.30
6/30/2010 12:31	3.144538	-0.31
6/30/2010 12:46	3.190676	-0.36
6/30/2010 13:01	3.224386	-0.39
6/30/2010 13:16	3.295634	-0.47
6/30/2010 13:31	3.370581	-0.54
6/30/2010 13:46	3.409043	-0.58
6/30/2010 14:01	3.458359	-0.63
6/30/2010 14:16	3.482477	-0.65
6/30/2010 14:31	3.502184	-0.67
6/30/2010 14:46	3.558637	-0.73
6/30/2010 15:01	3.609912	-0.78
6/30/2010 15:16	3.661925	-0.83
6/30/2010 15:31	3.726879	-0.90
6/30/2010 15:46	3.765551	-0.94
6/30/2010 16:01	3.783646	-0.95
6/30/2010 16:16	3.797052	-0.97
6/30/2010 16:31	3.803356	-0.97
6/30/2010 16:46	3.807981	-0.98
6/30/2010 17:01	3.824187	-0.99
6/30/2010 17:16	3.837354	-1.01
6/30/2010 17:31	3.835676	-1.01
6/30/2010 17:46	3.790698	-0.96
6/30/2010 18:01	3.735757	-0.91
6/30/2010 18:16	3.68455	-0.85
6/30/2010 18:31	3.61458	-0.78
6/30/2010 18:46	3.546242	-0.72
6/30/2010 19:01	3.481189	-0.65
6/30/2010 19:16	3.414848	-0.58
6/30/2010 19:31	3.326488	-0.50
6/30/2010 19:46	3.229322	-0.40
6/30/2010 20:01	3.121576	-0.29
6/30/2010 20:16	3.015517	-0.19

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
6/29/2010 22:30	30.001253	33.99
6/29/2010 22:45	30.004417	34.00
6/29/2010 23:00	30.012667	34.00
6/29/2010 23:15	30.011093	34.00
6/29/2010 23:30	30.011562	34.00
6/29/2010 23:45	30.020275	34.01
6/30/2010 0:00	30.026592	34.02
6/30/2010 0:15	30.036196	34.03
6/30/2010 0:30	30.039921	34.04
6/30/2010 0:45	30.042191	34.04
6/30/2010 1:00	30.045849	34.04
6/30/2010 1:15	30.047716	34.04
6/30/2010 1:30	30.043722	34.04
6/30/2010 1:45	30.047396	34.04
6/30/2010 2:00	30.049734	34.05
6/30/2010 2:15	30.071865	34.07
6/30/2010 2:30	30.067886	34.07
6/30/2010 2:45	30.069057	34.07
6/30/2010 3:00	30.075035	34.08
6/30/2010 3:15	30.090578	34.09
6/30/2010 3:30	30.081743	34.08
6/30/2010 3:45	30.100899	34.10
6/30/2010 4:00	30.1024	34.11
6/30/2010 4:15	30.105801	34.11
6/30/2010 4:30	30.106127	34.11
6/30/2010 4:45	30.118847	34.12
6/30/2010 5:00	30.122465	34.13
6/30/2010 5:15	30.122255	34.13
6/30/2010 5:30	30.130598	34.14
6/30/2010 5:45	30.134062	34.14
6/30/2010 6:00	30.137524	34.15
6/30/2010 6:15	30.142151	34.15
6/30/2010 6:30	30.14105	34.15
6/30/2010 6:45	30.149569	34.16
6/30/2010 7:00	30.154676	34.17
6/30/2010 7:15	30.158493	34.17
6/30/2010 7:30	30.157791	34.17
6/30/2010 7:45	30.158777	34.17
6/30/2010 8:00	30.162174	34.17
6/30/2010 8:15	30.172058	34.18
6/30/2010 8:30	30.172773	34.19
6/30/2010 8:45	30.172279	34.19
6/30/2010 9:00	30.172823	34.19
6/30/2010 9:15	30.173656	34.19
6/30/2010 9:30	30.174324	34.19
6/30/2010 9:45	30.180141	34.19
6/30/2010 10:00	30.179665	34.19
6/30/2010 10:15	30.181822	34.20
6/30/2010 10:30	30.177603	34.19
6/30/2010 10:45	30.176558	34.19
6/30/2010 11:00	30.180141	34.19
6/30/2010 11:15	30.179508	34.19
6/30/2010 11:30	30.17531	34.19
6/30/2010 11:45	30.175566	34.19
6/30/2010 12:00	30.17211	34.19
6/30/2010 12:15	30.17577	34.19
6/30/2010 12:30	30.170401	34.18
6/30/2010 12:45	30.168346	34.18
6/30/2010 13:00	30.164307	34.18
6/30/2010 13:15	30.158777	34.17
6/30/2010 13:30	30.160822	34.17
6/30/2010 13:45	30.158686	34.17
6/30/2010 14:00	30.150988	34.16
6/30/2010 14:15	30.151739	34.16
6/30/2010 14:30	30.151516	34.16
6/30/2010 14:45	30.147425	34.16
6/30/2010 15:00	30.145796	34.16
6/30/2010 15:15	30.14723	34.16
6/30/2010 15:30	30.140726	34.15

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
6/30/2010 21:00	1.674986	0.46	0.86
6/30/2010 21:15	1.615397	0.51	0.91
6/30/2010 21:30	1.559273	0.57	0.97
6/30/2010 21:45	1.510164	0.62	1.02
6/30/2010 22:00	1.457822	0.67	1.09
6/30/2010 22:15	1.408929	0.72	1.15
6/30/2010 22:30	1.365269	0.76	1.20
6/30/2010 22:45	1.327285	0.80	1.24
6/30/2010 23:00	1.292812	0.84	1.28
6/30/2010 23:15	1.265722	0.86	1.30
6/30/2010 23:30	1.24315	0.89	1.33
6/30/2010 23:45	1.230508	0.90	1.35
7/1/2010 0:00	1.218204	0.91	1.36
7/1/2010 0:15	1.219749	0.91	1.37
7/1/2010 0:30	1.224011	0.91	1.38
7/1/2010 0:45	1.238649	0.89	1.36
7/1/2010 1:00	1.265908	0.86	1.33
7/1/2010 1:15	1.289732	0.84	1.31
7/1/2010 1:30	1.323396	0.81	1.28
7/1/2010 1:45	1.358898	0.77	1.25
7/1/2010 2:00	1.391135	0.74	1.22
7/1/2010 2:15	1.427636	0.70	1.19
7/1/2010 2:30	1.462261	0.67	1.15
7/1/2010 2:45	1.490997	0.64	1.12
7/1/2010 3:00	1.522514	0.61	1.09
7/1/2010 3:15	1.55447	0.58	1.06
7/1/2010 3:30	1.57472	0.56	1.04
7/1/2010 3:45	1.602638	0.53	1.02
7/1/2010 4:00	1.6396	0.49	0.98
7/1/2010 4:15	1.676272	0.45	0.94
7/1/2010 4:30	1.714165	0.42	0.92
7/1/2010 4:45	1.743519	0.39	0.89
7/1/2010 5:00	1.763094	0.37	0.88
7/1/2010 5:15	1.770978	0.36	0.88
7/1/2010 5:30	1.784965	0.35	0.86
7/1/2010 5:45	1.80919	0.32	0.84
7/1/2010 6:00	1.824556	0.31	0.83
7/1/2010 6:15	1.829162	0.30	0.83
7/1/2010 6:30	1.837816	0.29	0.82
7/1/2010 6:45	1.825642	0.30	0.83
7/1/2010 7:00	1.81331	0.32	0.86
7/1/2010 7:15	1.806047	0.32	0.86
7/1/2010 7:30	1.786761	0.34	0.89
7/1/2010 7:45	1.77501	0.35	0.91
7/1/2010 8:00	1.76292	0.37	0.93
7/1/2010 8:15	1.732687	0.40	0.96
7/1/2010 8:30	1.701056	0.43	0.99
7/1/2010 8:45	1.675007	0.45	1.01
7/1/2010 9:00	1.641242	0.49	1.05
7/1/2010 9:15	1.620661	0.51	1.07
7/1/2010 9:30	1.592768	0.54	1.10
7/1/2010 9:45	1.563475	0.57	1.13
7/1/2010 10:00	1.554643	0.58	1.13
7/1/2010 10:15	1.544207	0.59	1.14
7/1/2010 10:30	1.529609	0.60	1.15
7/1/2010 10:45	1.528082	0.60	1.13
7/1/2010 11:00	1.523224	0.61	1.15
7/1/2010 11:15	1.520405	0.61	1.15
7/1/2010 11:30	1.524314	0.61	1.14
7/1/2010 11:45	1.535828	0.59	1.12
7/1/2010 12:00	1.551834	0.58	1.11
7/1/2010 12:15	1.574663	0.56	1.08
7/1/2010 12:30	1.611699	0.52	1.05
7/1/2010 12:45	1.63912	0.49	1.01
7/1/2010 13:00	1.663592	0.47	1.00
7/1/2010 13:15	1.701111	0.43	0.94
7/1/2010 13:30	1.735668	0.39	0.91
7/1/2010 13:45	1.763707	0.37	0.88
7/1/2010 14:00	1.803715	0.33	0.84

FMC-Gage (Parkside Marina)		
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)
6/30/2010 20:31	2.920233	-0.09
6/30/2010 20:46	2.829145	0.00
6/30/2010 21:01	2.748245	0.08
6/30/2010 21:16	2.66489	0.17
6/30/2010 21:31	2.585314	0.24
6/30/2010 21:46	2.517424	0.31
6/30/2010 22:01	2.44391	0.39
6/30/2010 22:16	2.379565	0.45
6/30/2010 22:31	2.329864	0.50
6/30/2010 22:46	2.282197	0.55
6/30/2010 23:01	2.250982	0.58
6/30/2010 23:16	2.221604	0.61
6/30/2010 23:31	2.207003	0.62
6/30/2010 23:46	2.205446	0.62
7/1/2010 0:01	2.198485	0.63
7/1/2010 0:16	2.22836	0.60
7/1/2010 0:31	2.24372	0.59
7/1/2010 0:46	2.294538	0.54
7/1/2010 1:01	2.353491	0.48
7/1/2010 1:16	2.398306	0.43
7/1/2010 1:31	2.468354	0.36
7/1/2010 1:46	2.522831	0.31
7/1/2010 2:01	2.577876	0.25
7/1/2010 2:16	2.636055	0.19
7/1/2010 2:31	2.690624	0.14
7/1/2010 2:46	2.723215	0.11
7/1/2010 3:01	2.777622	0.05
7/1/2010 3:16	2.820222	0.01
7/1/2010 3:31	2.834605	0.00
7/1/2010 3:46	2.885174	-0.06
7/1/2010 4:01	2.948547	-0.12
7/1/2010 4:16	3.006316	-0.18
7/1/2010 4:31	3.063436	-0.23
7/1/2010 4:46	3.092651	-0.26
7/1/2010 5:01	3.101109	-0.27
7/1/2010 5:16	3.104516	-0.27
7/1/2010 5:31	3.123898	-0.29
7/1/2010 5:46	3.171712	-0.34
7/1/2010 6:01	3.17117	-0.34
7/1/2010 6:16	3.175723	-0.35
7/1/2010 6:31	3.178301	-0.35
7/1/2010 6:46	3.124233	-0.29
7/1/2010 7:01	3.105992	-0.28
7/1/2010 7:16	3.090935	-0.26
7/1/2010 7:31	3.047332	-0.22
7/1/2010 7:46	3.035119	-0.21
7/1/2010 8:01	3.014366	-0.18
7/1/2010 8:16	2.941918	-0.11
7/1/2010 8:31	2.892068	-0.06
7/1/2010 8:46	2.85358	-0.02
7/1/2010 9:01	2.797171	0.03
7/1/2010 9:16	2.778733	0.05
7/1/2010 9:31	2.734036	0.10
7/1/2010 9:46	2.693647	0.14
7/1/2010 10:01	2.706341	0.12
7/1/2010 10:16	2.686141	0.14
7/1/2010 10:31	2.674879	0.16
7/1/2010 10:46	2.68177	0.15
7/1/2010 11:01	2.676929	0.15
7/1/2010 11:16	2.679609	0.15
7/1/2010 11:31	2.693292	0.14
7/1/2010 11:46	2.729376	0.10
7/1/2010 12:01	2.762281	0.07
7/1/2010 12:16	2.807679	0.02
7/1/2010 12:31	2.87794	-0.05
7/1/2010 12:46	2.914552	-0.08
7/1/2010 13:01	2.949599	-0.12
7/1/2010 13:16	3.029014	-0.20
7/1/2010 13:31	3.068501	-0.24

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
6/30/2010 15:45	30.133453	34.14
6/30/2010 16:00	30.130379	34.14
6/30/2010 16:15	30.125055	34.13
6/30/2010 16:30	30.123903	34.13
6/30/2010 16:45	30.10932	34.11
6/30/2010 17:00	30.111752	34.12
6/30/2010 17:15	30.104284	34.11
6/30/2010 17:30	30.102463	34.11
6/30/2010 17:45	30.098045	34.10
6/30/2010 18:00	30.104063	34.11
6/30/2010 18:15	30.105947	34.11
6/30/2010 18:30	30.10169	34.11
6/30/2010 18:45	30.105314	34.11
6/30/2010 19:00	30.113207	34.12
6/30/2010 19:15	30.108709	34.11
6/30/2010 19:30	30.115904	34.12
6/30/2010 19:45	30.106115	34.11
6/30/2010 20:00	30.105597	34.11
6/30/2010 20:15	30.110085	34.11
6/30/2010 20:30	30.117718	34.12
6/30/2010 20:45	30.117247	34.12
6/30/2010 21:00	30.12895	34.14
6/30/2010 21:15	30.131952	34.14
6/30/2010 21:30	30.134415	34.14
6/30/2010 21:45	30.136774	34.14
6/30/2010 22:00	30.154291	34.16
6/30/2010 22:15	30.161152	34.17
6/30/2010 22:30	30.168108	34.18
6/30/2010 22:45	30.163706	34.18
6/30/2010 23:00	30.166723	34.18
6/30/2010 23:15	30.16711	34.18
6/30/2010 23:30	30.170345	34.18
6/30/2010 23:45	30.17363	34.19
7/1/2010 0:00	30.179016	34.19
7/1/2010 0:15	30.186312	34.20
7/1/2010 0:30	30.1903	34.21
7/1/2010 0:45	30.192062	34.21
7/1/2010 1:00	30.19231	34.21
7/1/2010 1:15	30.193834	34.21
7/1/2010 1:30	30.194172	34.21
7/1/2010 1:45	30.201092	34.22
7/1/2010 2:00	30.202839	34.22
7/1/2010 2:15	30.207474	34.23
7/1/2010 2:30	30.206665	34.22
7/1/2010 2:45	30.204512	34.22
7/1/2010 3:00	30.205282	34.22
7/1/2010 3:15	30.205942	34.22
7/1/2010 3:30	30.206345	34.22
7/1/2010 3:45	30.209196	34.23
7/1/2010 4:00	30.210999	34.23
7/1/2010 4:15	30.212666	34.23
7/1/2010 4:30	30.216534	34.24
7/1/2010 4:45	30.220984	34.24
7/1/2010 5:00	30.225737	34.25
7/1/2010 5:15	30.234949	34.26
7/1/2010 5:30	30.233051	34.25
7/1/2010 5:45	30.235895	34.26
7/1/2010 6:00	30.240297	34.26
7/1/2010 6:15	30.243416	34.27
7/1/2010 6:30	30.247799	34.27
7/1/2010 6:45	30.251423	34.27
7/1/2010 7:00	30.255003	34.28
7/1/2010 7:15	30.259277	34.28
7/1/2010 7:30	30.265776	34.29
7/1/2010 7:45	30.270071	34.30
7/1/2010 8:00	30.269711	34.30
7/1/2010 8:15	30.271713	34.30
7/1/2010 8:30	30.273884	34.30
7/1/2010 8:45	30.275036	34.30

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/1/2010 14:15	1.846555	0.28	0.78
7/1/2010 14:30	1.892767	0.24	0.75
7/1/2010 14:45	1.933204	0.20	0.70
7/1/2010 15:00	1.97521	0.15	0.64
7/1/2010 15:15	2.014648	0.12	0.62
7/1/2010 15:30	2.042109	0.09	0.58
7/1/2010 15:45	2.070271	0.06	0.56
7/1/2010 16:00	2.116697	0.01	0.50
7/1/2010 16:15	2.165559	-0.04	0.45
7/1/2010 16:30	2.218729	-0.09	0.40
7/1/2010 16:45	2.256506	-0.13	0.36
7/1/2010 17:00	2.29427	-0.16	0.33
7/1/2010 17:15	2.332354	-0.20	0.28
7/1/2010 17:30	2.359172	-0.23	0.25
7/1/2010 17:45	2.379287	-0.25	0.23
7/1/2010 18:00	2.401617	-0.27	0.21
7/1/2010 18:15	2.421236	-0.29	0.19
7/1/2010 18:30	2.430739	-0.30	0.18
7/1/2010 18:45	2.448937	-0.32	0.16
7/1/2010 19:00	2.460236	-0.33	0.16
7/1/2010 19:15	2.444968	-0.31	0.18
7/1/2010 19:30	2.420896	-0.29	0.20
7/1/2010 19:45	2.392709	-0.26	0.23
7/1/2010 20:00	2.366511	-0.24	0.25
7/1/2010 20:15	2.347061	-0.22	0.27
7/1/2010 20:30	2.315615	-0.19	0.30
7/1/2010 20:45	2.272619	-0.14	0.35
7/1/2010 21:00	2.228861	-0.10	0.39
7/1/2010 21:15	2.180293	-0.05	0.45
7/1/2010 21:30	2.127234	0.00	0.50
7/1/2010 21:45	2.083768	0.05	0.56
7/1/2010 22:00	2.046749	0.08	0.60
7/1/2010 22:15	2.006679	0.12	0.64
7/1/2010 22:30	1.972247	0.16	0.69
7/1/2010 22:45	1.950139	0.18	0.70
7/1/2010 23:00	1.919281	0.21	0.74
7/1/2010 23:15	1.892218	0.24	0.77
7/1/2010 23:30	1.87217	0.26	0.79
7/1/2010 23:45	1.856004	0.27	0.80
7/2/2010 0:00	1.843272	0.29	0.82
7/2/2010 0:15	1.837383	0.29	0.83
7/2/2010 0:30	1.840046	0.29	0.82
7/2/2010 0:45	1.845952	0.28	0.81
7/2/2010 1:00	1.85301	0.28	0.82
7/2/2010 1:15	1.866629	0.26	0.80
7/2/2010 1:30	1.882158	0.25	0.80
7/2/2010 1:45	1.895652	0.23	0.78
7/2/2010 2:00	1.916231	0.21	0.76
7/2/2010 2:15	1.938779	0.19	0.75
7/2/2010 2:30	1.955666	0.17	0.73
7/2/2010 2:45	1.978464	0.15	0.71
7/2/2010 3:00	2.013448	0.12	0.69
7/2/2010 3:15	2.051861	0.08	0.65
7/2/2010 3:30	2.092535	0.04	0.61
7/2/2010 3:45	2.127287	0.00	0.58
7/2/2010 4:00	2.15175	-0.02	0.55
7/2/2010 4:15	2.176214	-0.05	0.52
7/2/2010 4:30	2.193984	-0.06	0.52
7/2/2010 4:45	2.218083	-0.09	0.49
7/2/2010 5:00	2.243153	-0.11	0.47
7/2/2010 5:15	2.266942	-0.14	0.44
7/2/2010 5:30	2.284746	-0.15	0.43
7/2/2010 5:45	2.298735	-0.17	0.40
7/2/2010 6:00	2.305008	-0.18	0.41
7/2/2010 6:15	2.304508	-0.17	0.41
7/2/2010 6:30	2.298886	-0.17	0.42
7/2/2010 6:45	2.286792	-0.16	0.43
7/2/2010 7:00	2.276682	-0.15	0.45
7/2/2010 7:15	2.259297	-0.13	0.47

FMC-Gage (Parkside Marina)		
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)
7/1/2010 13:46	3.107491	-0.28
7/1/2010 14:01	3.176586	-0.35
7/1/2010 14:16	3.239594	-0.41
7/1/2010 14:31	3.310768	-0.48
7/1/2010 14:46	3.367231	-0.54
7/1/2010 15:01	3.433038	-0.60
7/1/2010 15:16	3.47726	-0.65
7/1/2010 15:31	3.49315	-0.66
7/1/2010 15:46	3.535103	-0.71
7/1/2010 16:01	3.648239	-0.82
7/1/2010 16:16	3.73634	-0.91
7/1/2010 16:31	3.816467	-0.99
7/1/2010 16:46	3.857312	-1.03
7/1/2010 17:01	3.903872	-1.07
7/1/2010 17:16	3.954555	-1.12
7/1/2010 17:31	3.965261	-1.14
7/1/2010 17:46	3.988201	-1.16
7/1/2010 18:01	4.01823	-1.19
7/1/2010 18:16	4.030076	-1.20
7/1/2010 18:31	4.035773	-1.21
7/1/2010 18:46	4.062951	-1.23
7/1/2010 19:01	4.056351	-1.23
7/1/2010 19:16	3.997284	-1.17
7/1/2010 19:31	3.941805	-1.11
7/1/2010 19:46	3.882773	-1.05
7/1/2010 20:01	3.846899	-1.02
7/1/2010 20:16	3.814933	-0.98
7/1/2010 20:31	3.746781	-0.92
7/1/2010 20:46	3.666522	-0.84
7/1/2010 21:01	3.593802	-0.76
7/1/2010 21:16	3.509638	-0.68
7/1/2010 21:31	3.426151	-0.60
7/1/2010 21:46	3.37483	-0.54
7/1/2010 22:01	3.321662	-0.49
7/1/2010 22:16	3.255501	-0.43
7/1/2010 22:31	3.224709	-0.39
7/1/2010 22:46	3.202949	-0.37
7/1/2010 23:01	3.154465	-0.32
7/1/2010 23:16	3.126048	-0.30
7/1/2010 23:31	3.110308	-0.28
7/1/2010 23:46	3.090753	-0.26
7/2/2010 0:01	3.085931	-0.26
7/2/2010 0:16	3.091251	-0.26
7/2/2010 0:31	3.108963	-0.28
7/2/2010 0:46	3.127028	-0.30
7/2/2010 1:01	3.14871	-0.32
7/2/2010 1:16	3.179521	-0.35
7/2/2010 1:31	3.208667	-0.38
7/2/2010 1:46	3.236945	-0.41
7/2/2010 2:01	3.273461	-0.44
7/2/2010 2:16	3.310854	-0.48
7/2/2010 2:31	3.358868	-0.53
7/2/2010 2:46	3.379743	-0.55
7/2/2010 3:01	3.450489	-0.62
7/2/2010 3:16	3.508906	-0.68
7/2/2010 3:31	3.583937	-0.75
7/2/2010 3:46	3.618552	-0.79
7/2/2010 4:01	3.637628	-0.81
7/2/2010 4:16	3.665763	-0.84
7/2/2010 4:31	3.688975	-0.86
7/2/2010 4:46	3.719229	-0.89
7/2/2010 5:01	3.760867	-0.93
7/2/2010 5:16	3.798253	-0.97
7/2/2010 5:31	3.807555	-0.98
7/2/2010 5:46	3.952834	-1.12
7/2/2010 6:01	3.831868	-1.00
7/2/2010 6:16	3.820775	-0.99
7/2/2010 6:31	3.794408	-0.96
7/2/2010 6:46	3.769491	-0.94

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
7/1/2010 9:00	30.275995	34.30
7/1/2010 9:15	30.275036	34.30
7/1/2010 9:30	30.270746	34.30
7/1/2010 9:45	30.271633	34.30
7/1/2010 10:00	30.266768	34.29
7/1/2010 10:15	30.260775	34.29
7/1/2010 10:30	30.260616	34.29
7/1/2010 10:45	30.250374	34.27
7/1/2010 11:00	30.251928	34.28
7/1/2010 11:15	30.25506	34.28
7/1/2010 11:30	30.247799	34.27
7/1/2010 11:45	30.250616	34.27
7/1/2010 12:00	30.243662	34.27
7/1/2010 12:15	30.242344	34.26
7/1/2010 12:30	30.249907	34.27
7/1/2010 12:45	30.238768	34.26
7/1/2010 13:00	30.243279	34.27
7/1/2010 13:15	30.232491	34.25
7/1/2010 13:30	30.234051	34.26
7/1/2010 13:45	30.232643	34.25
7/1/2010 14:00	30.233524	34.25
7/1/2010 14:15	30.223717	34.24
7/1/2010 14:30	30.23011	34.25
7/1/2010 14:45	30.223904	34.24
7/1/2010 15:00	30.215281	34.23
7/1/2010 15:15	30.224087	34.24
7/1/2010 15:30	30.214577	34.23
7/1/2010 15:45	30.217394	34.24
7/1/2010 16:00	30.213995	34.23
7/1/2010 16:15	30.213261	34.23
7/1/2010 16:30	30.207996	34.23
7/1/2010 16:45	30.208529	34.23
7/1/2010 17:00	30.207548	34.23
7/1/2010 17:15	30.204998	34.22
7/1/2010 17:30	30.200352	34.22
7/1/2010 17:45	30.199751	34.22
7/1/2010 18:00	30.198971	34.22
7/1/2010 18:15	30.200603	34.22
7/1/2010 18:30	30.198782	34.22
7/1/2010 18:45	30.202236	34.22
7/1/2010 19:00	30.209263	34.23
7/1/2010 19:15	30.207737	34.23
7/1/2010 19:30	30.209641	34.23
7/1/2010 19:45	30.210991	34.23
7/1/2010 20:00	30.209383	34.23
7/1/2010 20:15	30.213163	34.23
7/1/2010 20:30	30.215603	34.23
7/1/2010 20:45	30.215183	34.23
7/1/2010 21:00	30.21423	34.23
7/1/2010 21:15	30.218508	34.24
7/1/2010 21:30	30.224045	34.24
7/1/2010 21:45	30.227844	34.25
7/1/2010 22:00	30.234652	34.26
7/1/2010 22:15	30.236444	34.26
7/1/2010 22:30	30.243101	34.27
7/1/2010 22:45	30.242485	34.26
7/1/2010 23:00	30.245943	34.27
7/1/2010 23:15	30.246489	34.27
7/1/2010 23:30	30.245268	34.27
7/1/2010 23:45	30.250847	34.27
7/2/2010 0:00	30.248112	34.27
7/2/2010 0:15	30.251717	34.28
7/2/2010 0:30	30.250027	34.27
7/2/2010 0:45	30.250526	34.27
7/2/2010 1:00	30.25354	34.28
7/2/2010 1:15	30.255749	34.28
7/2/2010 1:30	30.261806	34.29
7/2/2010 1:45	30.266705	34.29
7/2/2010 2:00	30.267981	34.29

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/2/2010 7:30	2.239778	-0.11	0.49
7/2/2010 7:45	2.216769	-0.09	0.51
7/2/2010 8:00	2.185355	-0.06	0.55
7/2/2010 8:15	2.147751	-0.02	0.58
7/2/2010 8:30	2.1206	0.01	0.62
7/2/2010 8:45	2.089202	0.04	0.64
7/2/2010 9:00	2.062841	0.07	0.68
7/2/2010 9:15	2.035468	0.09	0.70
7/2/2010 9:30	2.00383	0.13	0.73
7/2/2010 9:45	1.960451	0.17	0.77
7/2/2010 10:00	1.911102	0.22	0.83
7/2/2010 10:15	1.86693	0.26	0.87
7/2/2010 10:30	1.829481	0.30	0.91
7/2/2010 10:45	1.799731	0.33	0.94
7/2/2010 11:00	1.779734	0.35	0.96
7/2/2010 11:15	1.771412	0.36	0.96
7/2/2010 11:30	1.759987	0.37	0.96
7/2/2010 11:45	1.748584	0.38	0.98
7/2/2010 12:00	1.747774	0.38	0.98
7/2/2010 12:15	1.745898	0.38	0.98
7/2/2010 12:30	1.744849	0.39	0.98
7/2/2010 12:45	1.760074	0.37	0.96
7/2/2010 13:00	1.777708	0.35	0.93
7/2/2010 13:15	1.792378	0.34	0.92
7/2/2010 13:30	1.81846	0.31	0.88
7/2/2010 13:45	1.842994	0.29	0.86
7/2/2010 14:00	1.870313	0.26	0.82
7/2/2010 14:15	1.898011	0.23	0.79
7/2/2010 14:30	1.931649	0.20	0.75
7/2/2010 14:45	1.971921	0.16	0.71
7/2/2010 15:00	2.005542	0.12	0.66
7/2/2010 15:15	2.042909	0.09	0.63
7/2/2010 15:30	2.086351	0.04	0.58
7/2/2010 15:45	2.114671	0.02	0.55
7/2/2010 16:00	2.139987	-0.01	0.52
7/2/2010 16:15	2.172438	-0.04	0.49
7/2/2010 16:30	2.202582	-0.07	0.45
7/2/2010 16:45	2.234295	-0.10	0.42
7/2/2010 17:00	2.270014	-0.14	0.38
7/2/2010 17:15	2.30848	-0.18	0.33
7/2/2010 17:30	2.345315	-0.22	0.29
7/2/2010 17:45	2.372976	-0.24	0.27
7/2/2010 18:00	2.389345	-0.26	0.24
7/2/2010 18:15	2.40358	-0.27	0.24
7/2/2010 18:30	2.416918	-0.29	0.21
7/2/2010 18:45	2.421844	-0.29	0.21
7/2/2010 19:00	2.420147	-0.29	0.21
7/2/2010 19:15	2.41823	-0.29	0.21
7/2/2010 19:30	2.412925	-0.28	0.22
7/2/2010 19:45	2.394994	-0.26	0.23
7/2/2010 20:00	2.363886	-0.23	0.27
7/2/2010 20:15	2.33324	-0.20	0.29
7/2/2010 20:30	2.298933	-0.17	0.33
7/2/2010 20:45	2.256618	-0.13	0.37
7/2/2010 21:00	2.215303	-0.09	0.41
7/2/2010 21:15	2.166633	-0.04	0.46
7/2/2010 21:30	2.115494	0.01	0.51
7/2/2010 21:45	2.060731	0.07	0.58
7/2/2010 22:00	2.006129	0.12	0.64
7/2/2010 22:15	1.953111	0.18	0.69
7/2/2010 22:30	1.898753	0.23	0.73
7/2/2010 22:45	1.843166	0.29	0.81
7/2/2010 23:00	1.791845	0.34	0.85
7/2/2010 23:15	1.746443	0.38	0.87
7/2/2010 23:30	1.698397	0.43	0.94
7/2/2010 23:45	1.652426	0.48	0.99
7/3/2010 0:00	1.607541	0.52	1.03
7/3/2010 0:15	1.569433	0.56	1.06
7/3/2010 0:30	1.541698	0.59	1.10

FMC-Gage (Parkside Marina)		
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)
7/2/2010 7:01	3.744623	-0.91
7/2/2010 7:16	3.703588	-0.87
7/2/2010 7:31	3.670687	-0.84
7/2/2010 7:46	3.633234	-0.80
7/2/2010 8:01	3.562155	-0.73
7/2/2010 8:16	3.506207	-0.68
7/2/2010 8:31	3.465673	-0.64
7/2/2010 8:46	3.418106	-0.59
7/2/2010 9:01	3.385144	-0.56
7/2/2010 9:16	3.342066	-0.51
7/2/2010 9:31	3.286928	-0.46
7/2/2010 9:46	3.205666	-0.38
7/2/2010 10:01	3.122833	-0.29
7/2/2010 10:16	3.06555	-0.24
7/2/2010 10:31	3.02112	-0.19
7/2/2010 10:46	2.980958	-0.15
7/2/2010 11:01	2.972844	-0.14
7/2/2010 11:16	2.980386	-0.15
7/2/2010 11:31	2.965425	-0.14
7/2/2010 11:46	2.955862	-0.13
7/2/2010 12:01	2.976592	-0.15
7/2/2010 12:16	2.977264	-0.15
7/2/2010 12:31	2.985342	-0.16
7/2/2010 12:46	3.038649	-0.21
7/2/2010 13:01	3.057712	-0.23
7/2/2010 13:16	3.089649	-0.26
7/2/2010 13:31	3.14827	-0.32
7/2/2010 13:46	3.185582	-0.36
7/2/2010 14:01	3.229668	-0.40
7/2/2010 14:16	3.270932	-0.44
7/2/2010 14:31	3.343744	-0.51
7/2/2010 14:46	3.409697	-0.58
7/2/2010 15:01	3.483351	-0.65
7/2/2010 15:16	3.520151	-0.69
7/2/2010 15:31	3.588879	-0.76
7/2/2010 15:46	3.606116	-0.78
7/2/2010 16:01	3.630872	-0.80
7/2/2010 16:16	3.676999	-0.85
7/2/2010 16:31	3.732722	-0.90
7/2/2010 16:46	3.780102	-0.95
7/2/2010 17:01	3.829312	-1.00
7/2/2010 17:16	3.88999	-1.06
7/2/2010 17:31	3.940504	-1.11
7/2/2010 17:46	3.963427	-1.13
7/2/2010 18:01	3.968101	-1.14
7/2/2010 18:16	3.985195	-1.16
7/2/2010 18:31	4.000431	-1.17
7/2/2010 18:46	3.976861	-1.15
7/2/2010 19:01	3.965027	-1.14
7/2/2010 19:16	3.95995	-1.13
7/2/2010 19:31	3.941252	-1.11
7/2/2010 19:46	3.889407	-1.06
7/2/2010 20:01	3.823618	-0.99
7/2/2010 20:16	3.777322	-0.95
7/2/2010 20:31	3.710743	-0.88
7/2/2010 20:46	3.636583	-0.81
7/2/2010 21:01	3.567277	-0.74
7/2/2010 21:16	3.486184	-0.66
7/2/2010 21:31	3.397364	-0.57
7/2/2010 21:46	3.307923	-0.48
7/2/2010 22:01	3.227437	-0.40
7/2/2010 22:16	3.150509	-0.32
7/2/2010 22:31	3.064657	-0.23
7/2/2010 22:46	2.980357	-0.15
7/2/2010 23:01	2.917742	-0.09
7/2/2010 23:16	2.854863	-0.02
7/2/2010 23:31	2.783896	0.05
7/2/2010 23:46	2.720678	0.11
7/3/2010 0:01	2.661977	0.17

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
7/2/2010 2:15	30.270317	34.30
7/2/2010 2:30	30.269705	34.30
7/2/2010 2:45	30.274681	34.30
7/2/2010 3:00	30.278641	34.31
7/2/2010 3:15	30.281733	34.31
7/2/2010 3:30	30.280651	34.31
7/2/2010 3:45	30.287088	34.32
7/2/2010 4:00	30.283634	34.31
7/2/2010 4:15	30.285034	34.31
7/2/2010 4:30	30.28862	34.32
7/2/2010 4:45	30.290279	34.32
7/2/2010 5:00	30.287422	34.32
7/2/2010 5:15	30.292404	34.32
7/2/2010 5:30	30.28966	34.32
7/2/2010 5:45	30.286577	34.31
7/2/2010 6:00	30.296345	34.33
7/2/2010 6:15	30.295486	34.32
7/2/2010 6:30	30.302921	34.33
7/2/2010 6:45	30.304455	34.33
7/2/2010 7:00	30.306282	34.34
7/2/2010 7:15	30.312891	34.34
7/2/2010 7:30	30.311693	34.34
7/2/2010 7:45	30.306282	34.34
7/2/2010 8:00	30.316507	34.35
7/2/2010 8:15	30.306282	34.34
7/2/2010 8:30	30.317156	34.35
7/2/2010 8:45	30.308699	34.34
7/2/2010 9:00	30.316826	34.35
7/2/2010 9:15	30.315285	34.35
7/2/2010 9:30	30.313046	34.34
7/2/2010 9:45	30.313276	34.34
7/2/2010 10:00	30.314167	34.35
7/2/2010 10:15	30.313911	34.35
7/2/2010 10:30	30.317156	34.35
7/2/2010 10:45	30.316046	34.35
7/2/2010 11:00	30.315714	34.35
7/2/2010 11:15	30.309467	34.34
7/2/2010 11:30	30.303545	34.33
7/2/2010 11:45	30.305359	34.34
7/2/2010 12:00	30.306973	34.34
7/2/2010 12:15	30.304585	34.34
7/2/2010 12:30	30.304132	34.33
7/2/2010 12:45	30.299385	34.33
7/2/2010 13:00	30.294233	34.32
7/2/2010 13:15	30.291283	34.32
7/2/2010 13:30	30.28665	34.31
7/2/2010 13:45	30.280737	34.31
7/2/2010 14:00	30.273884	34.30
7/2/2010 14:15	30.270384	34.30
7/2/2010 14:30	30.264456	34.29
7/2/2010 14:45	30.264206	34.29
7/2/2010 15:00	30.258141	34.28
7/2/2010 15:15	30.254492	34.28
7/2/2010 15:30	30.252087	34.28
7/2/2010 15:45	30.248623	34.27
7/2/2010 16:00	30.247116	34.27
7/2/2010 16:15	30.244152	34.27
7/2/2010 16:30	30.242445	34.26
7/2/2010 16:45	30.241749	34.26
7/2/2010 17:00	30.237715	34.26
7/2/2010 17:15	30.232044	34.25
7/2/2010 17:30	30.233139	34.25
7/2/2010 17:45	30.228395	34.25
7/2/2010 18:00	30.220074	34.24
7/2/2010 18:15	30.228884	34.25
7/2/2010 18:30	30.216759	34.24
7/2/2010 18:45	30.222082	34.24
7/2/2010 19:00	30.221886	34.24
7/2/2010 19:15	30.217312	34.24

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/3/2010 0:45	1.517357	0.61	1.12
7/3/2010 1:00	1.495052	0.63	1.14
7/3/2010 1:15	1.473466	0.66	1.17
7/3/2010 1:30	1.459521	0.67	1.18
7/3/2010 1:45	1.453596	0.68	1.19
7/3/2010 2:00	1.449045	0.68	1.19
7/3/2010 2:15	1.456012	0.67	1.18
7/3/2010 2:30	1.462489	0.67	1.18
7/3/2010 2:45	1.470226	0.66	1.17
7/3/2010 3:00	1.476074	0.65	1.16
7/3/2010 3:15	1.481363	0.65	1.16
7/3/2010 3:30	1.493687	0.64	1.15
7/3/2010 3:45	1.503587	0.63	1.14
7/3/2010 4:00	1.52145	0.61	1.12
7/3/2010 4:15	1.539549	0.59	1.10
7/3/2010 4:30	1.554258	0.58	1.10
7/3/2010 4:45	1.575783	0.55	1.07
7/3/2010 5:00	1.590278	0.54	1.06
7/3/2010 5:15	1.603353	0.53	1.05
7/3/2010 5:30	1.607822	0.52	1.05
7/3/2010 5:45	1.605683	0.52	1.05
7/3/2010 6:00	1.604961	0.53	1.07
7/3/2010 6:15	1.59582	0.53	1.07
7/3/2010 6:30	1.594068	0.54	1.08
7/3/2010 6:45	1.59941	0.53	1.07
7/3/2010 7:00	1.597713	0.53	1.07
7/3/2010 7:15	1.60187	0.53	1.08
7/3/2010 7:30	1.593584	0.54	1.09
7/3/2010 7:45	1.570339	0.56	1.11
7/3/2010 8:00	1.545694	0.58	1.13
7/3/2010 8:15	1.516605	0.61	1.17
7/3/2010 8:30	1.489031	0.64	1.20
7/3/2010 8:45	1.468082	0.66	1.21
7/3/2010 9:00	1.451108	0.68	1.23
7/3/2010 9:15	1.435256	0.69	1.24
7/3/2010 9:30	1.41106	0.72	1.26
7/3/2010 9:45	1.384456	0.75	1.28
7/3/2010 10:00	1.352207	0.78	1.31
7/3/2010 10:15	1.317282	0.81	1.33
7/3/2010 10:30	1.288502	0.84	1.36
7/3/2010 10:45	1.26115	0.87	1.39
7/3/2010 11:00	1.245792	0.88	1.39
7/3/2010 11:15	1.232142	0.90	1.41
7/3/2010 11:30	1.217714	0.91	1.41
7/3/2010 11:45	1.211028	0.92	1.42
7/3/2010 12:00	1.194716	0.94	1.43
7/3/2010 12:15	1.187478	0.94	1.44
7/3/2010 12:30	1.183758	0.95	1.43
7/3/2010 12:45	1.193118	0.94	1.42
7/3/2010 13:00	1.21355	0.92	1.39
7/3/2010 13:15	1.230025	0.90	1.37
7/3/2010 13:30	1.250796	0.88	1.34
7/3/2010 13:45	1.275427	0.85	1.32
7/3/2010 14:00	1.2944	0.84	1.30
7/3/2010 14:15	1.319802	0.81	1.25
7/3/2010 14:30	1.348577	0.78	1.22
7/3/2010 14:45	1.380433	0.75	1.19
7/3/2010 15:00	1.417761	0.71	1.15
7/3/2010 15:15	1.459318	0.67	1.09
7/3/2010 15:30	1.493869	0.64	1.06
7/3/2010 15:45	1.52598	0.60	1.02
7/3/2010 16:00	1.561702	0.57	0.97
7/3/2010 16:15	1.602129	0.53	0.94
7/3/2010 16:30	1.642237	0.49	0.90
7/3/2010 16:45	1.686227	0.44	0.84
7/3/2010 17:00	1.728322	0.40	0.78
7/3/2010 17:15	1.76918	0.36	0.74
7/3/2010 17:30	1.801399	0.33	0.71
7/3/2010 17:45	1.839196	0.29	0.67

FMC-Gage (Parkside Marina)		
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)
7/3/2010 0:16	2.617919	0.21
7/3/2010 0:31	2.593086	0.24
7/3/2010 0:46	2.568596	0.26
7/3/2010 1:01	2.546339	0.28
7/3/2010 1:16	2.519299	0.31
7/3/2010 1:31	2.517517	0.31
7/3/2010 1:46	2.521378	0.31
7/3/2010 2:01	2.531708	0.30
7/3/2010 2:16	2.55659	0.27
7/3/2010 2:31	2.577406	0.25
7/3/2010 2:46	2.594108	0.24
7/3/2010 3:01	2.605071	0.22
7/3/2010 3:16	2.62155	0.21
7/3/2010 3:31	2.648762	0.18
7/3/2010 3:46	2.662831	0.17
7/3/2010 4:01	2.704213	0.13
7/3/2010 4:16	2.728219	0.10
7/3/2010 4:31	2.755109	0.07
7/3/2010 4:46	2.794208	0.04
7/3/2010 5:01	2.808816	0.02
7/3/2010 5:16	2.826641	0.00
7/3/2010 5:31	2.818824	0.01
7/3/2010 5:46	2.806355	0.02
7/3/2010 6:01	2.802774	0.03
7/3/2010 6:16	2.777586	0.05
7/3/2010 6:31	2.789538	0.04
7/3/2010 6:46	2.797101	0.03
7/3/2010 7:01	2.795076	0.03
7/3/2010 7:16	2.805903	0.02
7/3/2010 7:31	2.772753	0.06
7/3/2010 7:46	2.721876	0.11
7/3/2010 8:01	2.670413	0.16
7/3/2010 8:16	2.621732	0.21
7/3/2010 8:31	2.585636	0.24
7/3/2010 8:46	2.559058	0.27
7/3/2010 9:01	2.543145	0.29
7/3/2010 9:16	2.516383	0.31
7/3/2010 9:31	2.47874	0.35
7/3/2010 9:46	2.435338	0.39
7/3/2010 10:01	2.371226	0.46
7/3/2010 10:16	2.322853	0.51
7/3/2010 10:31	2.283514	0.55
7/3/2010 10:46	2.246742	0.58
7/3/2010 11:01	2.244502	0.59
7/3/2010 11:16	2.237654	0.59
7/3/2010 11:31	2.21529	0.61
7/3/2010 11:46	2.225707	0.60
7/3/2010 12:01	2.185334	0.64
7/3/2010 12:16	2.181888	0.65
7/3/2010 12:31	2.190305	0.64
7/3/2010 12:46	2.222081	0.61
7/3/2010 13:01	2.275694	0.55
7/3/2010 13:16	2.302408	0.53
7/3/2010 13:31	2.343144	0.49
7/3/2010 13:46	2.407222	0.42
7/3/2010 14:01	2.411418	0.42
7/3/2010 14:16	2.459179	0.37
7/3/2010 14:31	2.52204	0.31
7/3/2010 14:46	2.586832	0.24
7/3/2010 15:01	2.634975	0.20
7/3/2010 15:16	2.689953	0.14
7/3/2010 15:31	2.734576	0.10
7/3/2010 15:46	2.776953	0.05
7/3/2010 16:01	2.848929	-0.02
7/3/2010 16:16	2.899859	-0.07
7/3/2010 16:31	2.961837	-0.13
7/3/2010 16:46	3.025442	-0.20
7/3/2010 17:01	3.081125	-0.25
7/3/2010 17:16	3.130492	-0.30

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
7/2/2010 19:30	30.222874	34.24
7/2/2010 19:45	30.214907	34.23
7/2/2010 20:00	30.217087	34.24
7/2/2010 20:15	30.210028	34.23
7/2/2010 20:30	30.217438	34.24
7/2/2010 20:45	30.220177	34.24
7/2/2010 21:00	30.221457	34.24
7/2/2010 21:15	30.221867	34.24
7/2/2010 21:30	30.218685	34.24
7/2/2010 21:45	30.231377	34.25
7/2/2010 22:00	30.23452	34.26
7/2/2010 22:15	30.233822	34.25
7/2/2010 22:30	30.223679	34.24
7/2/2010 22:45	30.233984	34.26
7/2/2010 23:00	30.22566	34.25
7/2/2010 23:15	30.215057	34.23
7/2/2010 23:30	30.226681	34.25
7/2/2010 23:45	30.229004	34.25
7/3/2010 0:00	30.226461	34.25
7/3/2010 0:15	30.223783	34.24
7/3/2010 0:30	30.225464	34.25
7/3/2010 0:45	30.227406	34.25
7/3/2010 1:00	30.227081	34.25
7/3/2010 1:15	30.225767	34.25
7/3/2010 1:30	30.227545	34.25
7/3/2010 1:45	30.227823	34.25
7/3/2010 2:00	30.22566	34.25
7/3/2010 2:15	30.227081	34.25
7/3/2010 2:30	30.232813	34.25
7/3/2010 2:45	30.227823	34.25
7/3/2010 3:00	30.230692	34.25
7/3/2010 3:15	30.226559	34.25
7/3/2010 3:30	30.226206	34.25
7/3/2010 3:45	30.230581	34.25
7/3/2010 4:00	30.232414	34.25
7/3/2010 4:15	30.232224	34.25
7/3/2010 4:30	30.234316	34.26
7/3/2010 4:45	30.237274	34.26
7/3/2010 5:00	30.240965	34.26
7/3/2010 5:15	30.241354	34.26
7/3/2010 5:30	30.246387	34.27
7/3/2010 5:45	30.245317	34.27
7/3/2010 6:00	30.252291	34.28
7/3/2010 6:15	30.253235	34.28
7/3/2010 6:30	30.256643	34.28
7/3/2010 6:45	30.255405	34.28
7/3/2010 7:00	30.258827	34.28
7/3/2010 7:15	30.266363	34.29
7/3/2010 7:30	30.264688	34.29
7/3/2010 7:45	30.264778	34.29
7/3/2010 8:00	30.267708	34.29
7/3/2010 8:15	30.271309	34.30
7/3/2010 8:30	30.270603	34.30
7/3/2010 8:45	30.26848	34.29
7/3/2010 9:00	30.262545	34.29
7/3/2010 9:15	30.261955	34.29
7/3/2010 9:30	30.256931	34.28
7/3/2010 9:45	30.249268	34.27
7/3/2010 10:00	30.249268	34.27
7/3/2010 10:15	30.240965	34.26
7/3/2010 10:30	30.238747	34.26
7/3/2010 10:45	30.23546	34.26
7/3/2010 11:00	30.229942	34.25
7/3/2010 11:15	30.229532	34.25
7/3/2010 11:30	30.22308	34.24
7/3/2010 11:45	30.217207	34.24
7/3/2010 12:00	30.215284	34.23
7/3/2010 12:15	30.217766	34.24
7/3/2010 12:30	30.20685	34.22

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/3/2010 18:00	1.879163	0.25	0.62
7/3/2010 18:15	1.915582	0.21	0.58
7/3/2010 18:30	1.951908	0.18	0.55
7/3/2010 18:45	1.987113	0.14	0.52
7/3/2010 19:00	2.007597	0.12	0.50
7/3/2010 19:15	2.027728	0.10	0.47
7/3/2010 19:30	2.047067	0.08	0.45
7/3/2010 19:45	2.047839	0.08	0.45
7/3/2010 20:00	2.048215	0.08	0.45
7/3/2010 20:15	2.041516	0.09	0.46
7/3/2010 20:30	2.023923	0.11	0.48
7/3/2010 20:45	2.004477	0.13	0.50
7/3/2010 21:00	1.980498	0.15	0.52
7/3/2010 21:15	1.94968	0.18	0.55
7/3/2010 21:30	1.912894	0.22	0.59
7/3/2010 21:45	1.869379	0.26	0.64
7/3/2010 22:00	1.818734	0.31	0.69
7/3/2010 22:15	1.763168	0.37	0.75
7/3/2010 22:30	1.702808	0.43	0.81
7/3/2010 22:45	1.65011	0.48	0.86
7/3/2010 23:00	1.594458	0.54	0.91
7/3/2010 23:15	1.543107	0.59	0.97
7/3/2010 23:30	1.494363	0.64	1.02
7/3/2010 23:45	1.443921	0.69	1.07
7/4/2010 0:00	1.402848	0.73	1.13
7/4/2010 0:15	1.361625	0.77	1.17
7/4/2010 0:30	1.326279	0.80	1.20
7/4/2010 0:45	1.300351	0.83	1.23
7/4/2010 1:00	1.273221	0.86	1.26
7/4/2010 1:15	1.254428	0.88	1.26
7/4/2010 1:30	1.236882	0.89	1.27
7/4/2010 1:45	1.223522	0.91	1.29
7/4/2010 2:00	1.207573	0.92	1.30
7/4/2010 2:15	1.206839	0.92	1.30
7/4/2010 2:30	1.214761	0.92	1.30
7/4/2010 2:45	1.225552	0.90	1.28
7/4/2010 3:00	1.232977	0.90	1.27
7/4/2010 3:15	1.23915	0.89	1.26
7/4/2010 3:30	1.248718	0.88	1.25
7/4/2010 3:45	1.260023	0.87	1.24
7/4/2010 4:00	1.281718	0.85	1.22
7/4/2010 4:15	1.309352	0.82	1.19
7/4/2010 4:30	1.32445	0.81	1.18
7/4/2010 4:45	1.34093	0.79	1.16
7/4/2010 5:00	1.361143	0.77	1.14
7/4/2010 5:15	1.376944	0.75	1.13
7/4/2010 5:30	1.39943	0.73	1.11
7/4/2010 5:45	1.419551	0.71	1.09
7/4/2010 6:00	1.438133	0.69	1.07
7/4/2010 6:15	1.460623	0.67	1.05
7/4/2010 6:30	1.473431	0.66	1.03
7/4/2010 6:45	1.493661	0.64	1.02
7/4/2010 7:00	1.511519	0.62	1.00
7/4/2010 7:15	1.519955	0.61	0.99
7/4/2010 7:30	1.53211	0.60	1.00
7/4/2010 7:45	1.538413	0.59	0.97
7/4/2010 8:00	1.534303	0.60	0.98
7/4/2010 8:15	1.528665	0.60	0.97
7/4/2010 8:30	1.521435	0.61	0.99
7/4/2010 8:45	1.518699	0.61	0.99
7/4/2010 9:00	1.510296	0.62	1.00
7/4/2010 9:15	1.495663	0.63	0.99
7/4/2010 9:30	1.486873	0.64	1.00
7/4/2010 9:45	1.475469	0.65	1.00
7/4/2010 10:00	1.463509	0.67	1.02
7/4/2010 10:15	1.455134	0.67	1.02
7/4/2010 10:30	1.4345	0.70	1.05
7/4/2010 10:45	1.416185	0.71	1.06
7/4/2010 11:00	1.397292	0.73	1.09

FMC-Gage (Parkside Marina)		
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)
7/3/2010 17:31	3.170349	-0.34
7/3/2010 17:46	3.237917	-0.41
7/3/2010 18:01	3.289416	-0.46
7/3/2010 18:16	3.329084	-0.50
7/3/2010 18:31	3.387997	-0.56
7/3/2010 18:46	3.44269	-0.61
7/3/2010 19:01	3.451176	-0.62
7/3/2010 19:16	3.47843	-0.65
7/3/2010 19:31	3.487913	-0.66
7/3/2010 19:46	3.467085	-0.64
7/3/2010 20:01	3.453668	-0.62
7/3/2010 20:16	3.424893	-0.59
7/3/2010 20:31	3.380822	-0.55
7/3/2010 20:46	3.342075	-0.51
7/3/2010 21:01	3.292165	-0.46
7/3/2010 21:16	3.232684	-0.40
7/3/2010 21:31	3.167781	-0.34
7/3/2010 21:46	3.086081	-0.26
7/3/2010 22:01	2.994919	-0.16
7/3/2010 22:16	2.899314	-0.07
7/3/2010 22:31	2.804089	0.03
7/3/2010 22:46	2.727587	0.10
7/3/2010 23:01	2.648412	0.18
7/3/2010 23:16	2.579098	0.25
7/3/2010 23:31	2.50532	0.32
7/3/2010 23:46	2.438064	0.39
7/4/2010 0:01	2.39051	0.44
7/4/2010 0:16	2.332849	0.50
7/4/2010 0:31	2.293436	0.54
7/4/2010 0:46	2.271951	0.56
7/4/2010 1:01	2.241872	0.59
7/4/2010 1:16	2.228206	0.60
7/4/2010 1:31	2.214174	0.62
7/4/2010 1:46	2.20281	0.63
7/4/2010 2:01	2.188744	0.64
7/4/2010 2:16	2.203415	0.63
7/4/2010 2:31	2.240685	0.59
7/4/2010 2:46	2.266279	0.56
7/4/2010 3:01	2.281286	0.55
7/4/2010 3:16	2.287374	0.54
7/4/2010 3:31	2.312331	0.52
7/4/2010 3:46	2.339584	0.49
7/4/2010 4:01	2.388305	0.44
7/4/2010 4:16	2.437881	0.39
7/4/2010 4:31	2.447466	0.38
7/4/2010 4:46	2.475836	0.35
7/4/2010 5:01	2.511066	0.32
7/4/2010 5:16	2.532003	0.30
7/4/2010 5:31	2.581915	0.25
7/4/2010 5:46	2.637838	0.19
7/4/2010 6:01	2.629536	0.20
7/4/2010 6:16	2.660807	0.17
7/4/2010 6:31	2.674108	0.16
7/4/2010 6:46	2.706293	0.12
7/4/2010 7:01	2.747781	0.08
7/4/2010 7:16	2.728374	0.10
7/4/2010 7:31	2.748297	0.08
7/4/2010 7:46	2.743847	0.09
7/4/2010 8:01	2.725294	0.10
7/4/2010 8:16	2.713468	0.12
7/4/2010 8:31	2.69435	0.14
7/4/2010 8:46	2.693695	0.14
7/4/2010 9:01	2.671278	0.16
7/4/2010 9:16	2.643311	0.19
7/4/2010 9:31	2.640266	0.19
7/4/2010 9:46	2.615531	0.21
7/4/2010 10:01	2.594721	0.24
7/4/2010 10:16	2.585707	0.24
7/4/2010 10:31	2.539052	0.29

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
7/3/2010 12:45	30.202356	34.22
7/3/2010 13:00	30.196115	34.21
7/3/2010 13:15	30.190615	34.21
7/3/2010 13:30	30.187292	34.20
7/3/2010 13:45	30.191908	34.21
7/3/2010 14:00	30.185497	34.20
7/3/2010 14:15	30.165617	34.18
7/3/2010 14:30	30.169893	34.18
7/3/2010 14:45	30.166363	34.18
7/3/2010 15:00	30.164406	34.18
7/3/2010 15:15	30.153221	34.16
7/3/2010 15:30	30.14926	34.16
7/3/2010 15:45	30.14953	34.16
7/3/2010 16:00	30.135798	34.14
7/3/2010 16:15	30.139353	34.15
7/3/2010 16:30	30.137936	34.15
7/3/2010 16:45	30.133715	34.14
7/3/2010 17:00	30.122488	34.13
7/3/2010 17:15	30.12718	34.13
7/3/2010 17:30	30.122828	34.13
7/3/2010 17:45	30.123796	34.13
7/3/2010 18:00	30.117624	34.12
7/3/2010 18:15	30.116671	34.12
7/3/2010 18:30	30.11676	34.12
7/3/2010 18:45	30.121857	34.13
7/3/2010 19:00	30.123472	34.13
7/3/2010 19:15	30.116346	34.12
7/3/2010 19:30	30.115078	34.12
7/3/2010 19:45	30.110786	34.12
7/3/2010 20:00	30.112703	34.12
7/3/2010 20:15	30.111012	34.12
7/3/2010 20:30	30.111319	34.12
7/3/2010 20:45	30.111107	34.12
7/3/2010 21:00	30.113415	34.12
7/3/2010 21:15	30.116671	34.12
7/3/2010 21:30	30.11902	34.12
7/3/2010 21:45	30.120243	34.13
7/3/2010 22:00	30.122269	34.13
7/3/2010 22:15	30.123312	34.13
7/3/2010 22:30	30.12537	34.13
7/3/2010 22:45	30.12089	34.13
7/3/2010 23:00	30.119141	34.12
7/3/2010 23:15	30.124292	34.13
7/3/2010 23:30	30.124884	34.13
7/3/2010 23:45	30.122387	34.13
7/4/2010 0:00	30.130785	34.14
7/4/2010 0:15	30.130354	34.14
7/4/2010 0:30	30.130892	34.14
7/4/2010 0:45	30.130892	34.14
7/4/2010 1:00	30.133509	34.14
7/4/2010 1:15	30.127748	34.13
7/4/2010 1:30	30.122681	34.13
7/4/2010 1:45	30.125193	34.13
7/4/2010 2:00	30.122009	34.13
7/4/2010 2:15	30.126671	34.13
7/4/2010 2:30	30.120928	34.13
7/4/2010 2:45	30.12089	34.13
7/4/2010 3:00	30.118237	34.12
7/4/2010 3:15	30.115656	34.12
7/4/2010 3:30	30.118595	34.12
7/4/2010 3:45	30.11676	34.12
7/4/2010 4:00	30.112942	34.12
7/4/2010 4:15	30.111387	34.12
7/4/2010 4:30	30.111012	34.12
7/4/2010 4:45	30.113272	34.12
7/4/2010 5:00	30.116543	34.12
7/4/2010 5:15	30.120626	34.13
7/4/2010 5:30	30.123472	34.13
7/4/2010 5:45	30.12571	34.13

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/4/2010 11:15	1.368748	0.76	1.11
7/4/2010 11:30	1.352285	0.78	1.13
7/4/2010 11:45	1.336836	0.79	1.14
7/4/2010 12:00	1.322567	0.81	1.15
7/4/2010 12:15	1.319723	0.81	1.15
7/4/2010 12:30	1.309016	0.82	1.15
7/4/2010 12:45	1.307254	0.82	1.14
7/4/2010 13:00	1.308559	0.82	1.15
7/4/2010 13:15	1.309364	0.82	1.15
7/4/2010 13:30	1.315178	0.81	1.13
7/4/2010 13:45	1.323712	0.81	1.13
7/4/2010 14:00	1.332876	0.80	1.11
7/4/2010 14:15	1.354396	0.78	1.09
7/4/2010 14:30	1.385821	0.74	1.05
7/4/2010 14:45	1.417299	0.71	1.01
7/4/2010 15:00	1.449962	0.68	0.97
7/4/2010 15:15	1.483734	0.65	0.94
7/4/2010 15:30	1.517288	0.61	0.89
7/4/2010 15:45	1.553839	0.58	0.86
7/4/2010 16:00	1.592055	0.54	0.82
7/4/2010 16:15	1.628538	0.50	0.77
7/4/2010 16:30	1.666815	0.46	0.73
7/4/2010 16:45	1.703192	0.43	0.69
7/4/2010 17:00	1.741923	0.39	0.65
7/4/2010 17:15	1.782383	0.35	0.60
7/4/2010 17:30	1.819675	0.31	0.56
7/4/2010 17:45	1.855781	0.27	0.52
7/4/2010 18:00	1.893686	0.24	0.49
7/4/2010 18:15	1.930528	0.20	0.44
7/4/2010 18:30	1.965957	0.16	0.40
7/4/2010 18:45	1.990165	0.14	0.38
7/4/2010 19:00	2.013395	0.12	0.36
7/4/2010 19:15	2.036867	0.09	0.33
7/4/2010 19:30	2.057922	0.07	0.32
7/4/2010 19:45	2.080705	0.05	0.29
7/4/2010 20:00	2.089221	0.04	0.29
7/4/2010 20:15	2.087325	0.04	0.28
7/4/2010 20:30	2.079268	0.05	0.29
7/4/2010 20:45	2.064507	0.07	0.32
7/4/2010 21:00	2.036865	0.09	0.35
7/4/2010 21:15	2.003825	0.13	0.39
7/4/2010 21:30	1.977375	0.15	0.41
7/4/2010 21:45	1.950384	0.18	0.45
7/4/2010 22:00	1.91723	0.21	0.48
7/4/2010 22:15	1.878826	0.25	0.52
7/4/2010 22:30	1.834194	0.30	0.58
7/4/2010 22:45	1.780617	0.35	0.63
7/4/2010 23:00	1.723288	0.41	0.70
7/4/2010 23:15	1.662143	0.47	0.76
7/4/2010 23:30	1.606584	0.52	0.81
7/4/2010 23:45	1.55568	0.57	0.86
7/5/2010 0:00	1.509918	0.62	0.90
7/5/2010 0:15	1.462563	0.67	0.96
7/5/2010 0:30	1.407667	0.72	1.01
7/5/2010 0:45	1.348992	0.78	1.08
7/5/2010 1:00	1.302682	0.83	1.13
7/5/2010 1:15	1.262626	0.87	1.16
7/5/2010 1:30	1.225401	0.90	1.19
7/5/2010 1:45	1.196229	0.93	1.22
7/5/2010 2:00	1.161503	0.97	1.26
7/5/2010 2:15	1.134694	1.00	1.28
7/5/2010 2:30	1.116893	1.01	1.29
7/5/2010 2:45	1.105573	1.02	1.30
7/5/2010 3:00	1.10313	1.03	1.31
7/5/2010 3:15	1.099802	1.03	1.31
7/5/2010 3:30	1.101594	1.03	1.31
7/5/2010 3:45	1.109744	1.02	1.29
7/5/2010 4:00	1.109954	1.02	1.30
7/5/2010 4:15	1.123497	1.01	1.29

FMC-Gage (Parkside Marina)		
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)
7/4/2010 10:46	2.51399	0.32
7/4/2010 11:01	2.475534	0.35
7/4/2010 11:16	2.42903	0.40
7/4/2010 11:31	2.415963	0.41
7/4/2010 11:46	2.390164	0.44
7/4/2010 12:01	2.38945	0.44
7/4/2010 12:16	2.3866	0.44
7/4/2010 12:31	2.376368	0.45
7/4/2010 12:46	2.380823	0.45
7/4/2010 13:01	2.383545	0.45
7/4/2010 13:16	2.397238	0.43
7/4/2010 13:31	2.411556	0.42
7/4/2010 13:46	2.423283	0.41
7/4/2010 14:01	2.448556	0.38
7/4/2010 14:16	2.497692	0.33
7/4/2010 14:31	2.556368	0.27
7/4/2010 14:46	2.606647	0.22
7/4/2010 15:01	2.657654	0.17
7/4/2010 15:16	2.710867	0.12
7/4/2010 15:31	2.761687	0.07
7/4/2010 15:46	2.815427	0.01
7/4/2010 16:01	2.875322	-0.05
7/4/2010 16:16	2.926108	-0.10
7/4/2010 16:31	3.002393	-0.17
7/4/2010 16:46	3.042	-0.21
7/4/2010 17:01	3.095522	-0.27
7/4/2010 17:16	3.152554	-0.32
7/4/2010 17:31	3.198525	-0.37
7/4/2010 17:46	3.288095	-0.46
7/4/2010 18:01	3.305207	-0.48
7/4/2010 18:16	3.351926	-0.52
7/4/2010 18:31	3.393172	-0.56
7/4/2010 18:46	3.415637	-0.59
7/4/2010 19:01	3.444493	-0.61
7/4/2010 19:16	3.467154	-0.64
7/4/2010 19:31	3.494654	-0.66
7/4/2010 19:46	3.545891	-0.72
7/4/2010 20:01	3.52473	-0.69
7/4/2010 20:16	3.502318	-0.67
7/4/2010 20:31	3.47617	-0.65
7/4/2010 20:46	3.433702	-0.60
7/4/2010 21:01	3.371463	-0.54
7/4/2010 21:16	3.312468	-0.48
7/4/2010 21:31	3.271979	-0.44
7/4/2010 21:46	3.2293	-0.40
7/4/2010 22:01	3.16574	-0.34
7/4/2010 22:16	3.10023	-0.27
7/4/2010 22:31	3.023369	-0.19
7/4/2010 22:46	2.927191	-0.10
7/4/2010 23:01	2.829879	0.00
7/4/2010 23:16	2.738354	0.09
7/4/2010 23:31	2.655361	0.17
7/4/2010 23:46	2.589807	0.24
7/5/2010 0:01	2.533232	0.30
7/5/2010 0:16	2.462991	0.37
7/5/2010 0:31	2.37328	0.46
7/5/2010 0:46	2.283756	0.55
7/5/2010 1:01	2.230998	0.60
7/5/2010 1:16	2.190296	0.64
7/5/2010 1:31	2.146289	0.68
7/5/2010 1:46	2.117336	0.71
7/5/2010 2:01	2.064493	0.77
7/5/2010 2:16	2.042194	0.79
7/5/2010 2:31	2.036881	0.79
7/5/2010 2:46	2.034492	0.80
7/5/2010 3:01	2.051636	0.78
7/5/2010 3:16	2.052618	0.78
7/5/2010 3:31	2.069577	0.76
7/5/2010 3:46	2.094486	0.74

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
7/4/2010 6:00	30.119644	34.13
7/4/2010 6:15	30.120468	34.13
7/4/2010 6:30	30.117586	34.12
7/4/2010 6:45	30.121361	34.13
7/4/2010 7:00	30.120167	34.13
7/4/2010 7:15	30.122515	34.13
7/4/2010 7:30	30.128252	34.14
7/4/2010 7:45	30.120363	34.13
7/4/2010 8:00	30.120928	34.13
7/4/2010 8:15	30.118029	34.12
7/4/2010 8:30	30.121361	34.13
7/4/2010 8:45	30.119263	34.13
7/4/2010 9:00	30.120535	34.13
7/4/2010 9:15	30.109699	34.11
7/4/2010 9:30	30.104269	34.11
7/4/2010 9:45	30.099022	34.10
7/4/2010 10:00	30.09902	34.10
7/4/2010 10:15	30.100721	34.10
7/4/2010 10:30	30.097095	34.10
7/4/2010 10:45	30.094749	34.10
7/4/2010 11:00	30.104937	34.11
7/4/2010 11:15	30.09675	34.10
7/4/2010 11:30	30.100172	34.10
7/4/2010 11:45	30.098845	34.10
7/4/2010 12:00	30.091782	34.09
7/4/2010 12:15	30.086655	34.09
7/4/2010 12:30	30.077572	34.08
7/4/2010 12:45	30.071972	34.07
7/4/2010 13:00	30.076918	34.08
7/4/2010 13:15	30.077793	34.08
7/4/2010 13:30	30.07468	34.07
7/4/2010 13:45	30.072485	34.07
7/4/2010 14:00	30.065029	34.06
7/4/2010 14:15	30.065966	34.06
7/4/2010 14:30	30.063419	34.06
7/4/2010 14:45	30.053936	34.05
7/4/2010 15:00	30.047762	34.04
7/4/2010 15:15	30.044891	34.04
7/4/2010 15:30	30.038599	34.03
7/4/2010 15:45	30.033684	34.03
7/4/2010 16:00	30.030943	34.03
7/4/2010 16:15	30.025057	34.02
7/4/2010 16:30	30.022192	34.02
7/4/2010 16:45	30.0205	34.01
7/4/2010 17:00	30.017292	34.01
7/4/2010 17:15	30.008236	34.00
7/4/2010 17:30	30.010132	34.00
7/4/2010 17:45	30.008808	34.00
7/4/2010 18:00	30.00456	34.00
7/4/2010 18:15	30.00053	33.99
7/4/2010 18:30	30.002234	33.99
7/4/2010 18:45	30.000683	33.99
7/4/2010 19:00	30.002344	33.99
7/4/2010 19:15	30.003992	33.99
7/4/2010 19:30	30.00482	34.00
7/4/2010 19:45	30.004271	33.99
7/4/2010 20:00	30.004641	34.00
7/4/2010 20:15	29.99662	33.99
7/4/2010 20:30	30.003098	33.99
7/4/2010 20:45	30.009472	34.00
7/4/2010 21:00	30.0133	34.01
7/4/2010 21:15	30.014662	34.01
7/4/2010 21:30	30.01944	34.01
7/4/2010 21:45	30.022928	34.02
7/4/2010 22:00	30.028511	34.02
7/4/2010 22:15	30.029968	34.02
7/4/2010 22:30	30.032846	34.03
7/4/2010 22:45	30.034111	34.03
7/4/2010 23:00	30.040892	34.04

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/5/2010 4:30	1.150326	0.98	1.26
7/5/2010 4:45	1.168281	0.96	1.24
7/5/2010 5:00	1.197974	0.93	1.21
7/5/2010 5:15	1.223191	0.91	1.20
7/5/2010 5:30	1.248156	0.88	1.16
7/5/2010 5:45	1.274334	0.86	1.15
7/5/2010 6:00	1.304951	0.83	1.12
7/5/2010 6:15	1.335585	0.79	1.09
7/5/2010 6:30	1.362975	0.77	1.07
7/5/2010 6:45	1.392304	0.74	1.05
7/5/2010 7:00	1.424126	0.71	1.01
7/5/2010 7:15	1.447789	0.68	0.99
7/5/2010 7:30	1.477631	0.65	0.96
7/5/2010 7:45	1.504006	0.63	0.95
7/5/2010 8:00	1.528239	0.60	0.91
7/5/2010 8:15	1.552933	0.58	0.89
7/5/2010 8:30	1.572254	0.56	0.88
7/5/2010 8:45	1.592673	0.54	0.86
7/5/2010 9:00	1.60719	0.52	0.84
7/5/2010 9:15	1.617223	0.51	0.83
7/5/2010 9:30	1.631197	0.50	0.82
7/5/2010 9:45	1.637252	0.49	0.80
7/5/2010 10:00	1.641229	0.49	0.80
7/5/2010 10:15	1.640254	0.49	0.81
7/5/2010 10:30	1.636992	0.49	0.81
7/5/2010 10:45	1.633445	0.50	0.81
7/5/2010 11:00	1.624426	0.51	0.83
7/5/2010 11:15	1.622814	0.51	0.82
7/5/2010 11:30	1.621479	0.51	0.81
7/5/2010 11:45	1.617706	0.51	0.82
7/5/2010 12:00	1.613101	0.52	0.83
7/5/2010 12:15	1.606135	0.52	0.82
7/5/2010 12:30	1.591112	0.54	0.84
7/5/2010 12:45	1.582783	0.55	0.84
7/5/2010 13:00	1.581292	0.55	0.84
7/5/2010 13:15	1.583812	0.55	0.83
7/5/2010 13:30	1.585113	0.54	0.82
7/5/2010 13:45	1.594117	0.54	0.82
7/5/2010 14:00	1.598197	0.53	0.81
7/5/2010 14:15	1.605118	0.52	0.79
7/5/2010 14:30	1.618344	0.51	0.78
7/5/2010 14:45	1.644619	0.49	0.76
7/5/2010 15:00	1.674078	0.46	0.73
7/5/2010 15:15	1.708474	0.42	0.69
7/5/2010 15:30	1.743101	0.39	0.65
7/5/2010 15:45	1.7753	0.35	0.61
7/5/2010 16:00	1.801481	0.33	0.58
7/5/2010 16:15	1.837156	0.29	0.55
7/5/2010 16:30	1.876527	0.25	0.50
7/5/2010 16:45	1.915182	0.21	0.46
7/5/2010 17:00	1.957093	0.17	0.42
7/5/2010 17:15	1.993646	0.14	0.39
7/5/2010 17:30	2.028065	0.10	0.35
7/5/2010 17:45	2.061828	0.07	0.32
7/5/2010 18:00	2.100772	0.03	0.27
7/5/2010 18:15	2.141874	-0.01	0.24
7/5/2010 18:30	2.180587	-0.05	0.20
7/5/2010 18:45	2.216246	-0.09	0.16
7/5/2010 19:00	2.251749	-0.12	0.13
7/5/2010 19:15	2.283231	-0.15	0.10
7/5/2010 19:30	2.313493	-0.18	0.08
7/5/2010 19:45	2.344904	-0.21	0.05
7/5/2010 20:00	2.373207	-0.24	0.02
7/5/2010 20:15	2.397736	-0.27	-0.01
7/5/2010 20:30	2.407413	-0.28	-0.02
7/5/2010 20:45	2.40929	-0.28	-0.02
7/5/2010 21:00	2.410938	-0.28	-0.01
7/5/2010 21:15	2.397386	-0.27	0.01
7/5/2010 21:30	2.380887	-0.25	0.04

FMC-Gage (Parkside Marina)		
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)
7/5/2010 4:01	2.08935	0.74
7/5/2010 4:16	2.137357	0.69
7/5/2010 4:31	2.192758	0.64
7/5/2010 4:46	2.221096	0.61
7/5/2010 5:01	2.282976	0.55
7/5/2010 5:16	2.335808	0.49
7/5/2010 5:31	2.355183	0.47
7/5/2010 5:46	2.400202	0.43
7/5/2010 6:01	2.455244	0.37
7/5/2010 6:16	2.501263	0.33
7/5/2010 6:31	2.530656	0.30
7/5/2010 6:46	2.582951	0.25
7/5/2010 7:01	2.62489	0.21
7/5/2010 7:16	2.673838	0.16
7/5/2010 7:31	2.705069	0.12
7/5/2010 7:46	2.737225	0.09
7/5/2010 8:01	2.769979	0.06
7/5/2010 8:16	2.805092	0.02
7/5/2010 8:31	2.821692	0.01
7/5/2010 8:46	2.849576	-0.02
7/5/2010 9:01	2.858912	-0.03
7/5/2010 9:16	2.89841	-0.07
7/5/2010 9:31	2.890086	-0.06
7/5/2010 9:46	2.890114	-0.06
7/5/2010 10:01	2.912462	-0.08
7/5/2010 10:16	2.875187	-0.05
7/5/2010 10:31	2.886698	-0.06
7/5/2010 10:46	2.849226	-0.02
7/5/2010 11:01	2.831037	0.00
7/5/2010 11:16	2.838234	-0.01
7/5/2010 11:31	2.831593	0.00
7/5/2010 11:46	2.834605	0.00
7/5/2010 12:01	2.815598	0.01
7/5/2010 12:16	2.795259	0.03
7/5/2010 12:31	2.765177	0.06
7/5/2010 12:46	2.762804	0.07
7/5/2010 13:01	2.769342	0.06
7/5/2010 13:16	2.812019	0.02
7/5/2010 13:31	2.780404	0.05
7/5/2010 13:46	2.859159	-0.03
7/5/2010 14:01	2.798821	0.03
7/5/2010 14:16	2.827092	0.00
7/5/2010 14:31	2.844425	-0.01
7/5/2010 14:46	2.895881	-0.07
7/5/2010 15:01	2.952896	-0.12
7/5/2010 15:16	3.009757	-0.18
7/5/2010 15:31	3.060062	-0.23
7/5/2010 15:46	3.101801	-0.27
7/5/2010 16:01	3.139262	-0.31
7/5/2010 16:16	3.197079	-0.37
7/5/2010 16:31	3.259111	-0.43
7/5/2010 16:46	3.313468	-0.48
7/5/2010 17:01	3.375436	-0.55
7/5/2010 17:16	3.422847	-0.59
7/5/2010 17:31	3.463484	-0.63
7/5/2010 17:46	3.510635	-0.68
7/5/2010 18:01	3.599818	-0.77
7/5/2010 18:16	3.699585	-0.87
7/5/2010 18:31	3.713972	-0.88
7/5/2010 18:46	3.755503	-0.93
7/5/2010 19:01	3.804065	-0.97
7/5/2010 19:16	3.841741	-1.01
7/5/2010 19:31	3.879066	-1.05
7/5/2010 19:46	3.918864	-1.09
7/5/2010 20:01	3.952444	-1.12
7/5/2010 20:16	4.009685	-1.18
7/5/2010 20:31	3.984356	-1.15
7/5/2010 20:46	3.97122	-1.14
7/5/2010 21:01	3.963438	-1.13

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
7/4/2010 23:15	30.041075	34.04
7/4/2010 23:30	30.040247	34.04
7/4/2010 23:45	30.040247	34.04
7/5/2010 0:00	30.03616	34.03
7/5/2010 0:15	30.042904	34.04
7/5/2010 0:30	30.046955	34.04
7/5/2010 0:45	30.053936	34.05
7/5/2010 1:00	30.049246	34.05
7/5/2010 1:15	30.048485	34.04
7/5/2010 1:30	30.043665	34.04
7/5/2010 1:45	30.042665	34.04
7/5/2010 2:00	30.042711	34.04
7/5/2010 2:15	30.036278	34.03
7/5/2010 2:30	30.038837	34.03
7/5/2010 2:45	30.037462	34.03
7/5/2010 3:00	30.037815	34.03
7/5/2010 3:15	30.037889	34.03
7/5/2010 3:30	30.035852	34.03
7/5/2010 3:45	30.030266	34.02
7/5/2010 4:00	30.031181	34.03
7/5/2010 4:15	30.033009	34.03
7/5/2010 4:30	30.037142	34.03
7/5/2010 4:45	30.039417	34.03
7/5/2010 5:00	30.039274	34.03
7/5/2010 5:15	30.041214	34.04
7/5/2010 5:30	30.038214	34.03
7/5/2010 5:45	30.040272	34.04
7/5/2010 6:00	30.042665	34.04
7/5/2010 6:15	30.054367	34.05
7/5/2010 6:30	30.049	34.05
7/5/2010 6:45	30.05975	34.06
7/5/2010 7:00	30.052877	34.05
7/5/2010 7:15	30.064783	34.06
7/5/2010 7:30	30.063065	34.06
7/5/2010 7:45	30.070591	34.07
7/5/2010 8:00	30.062117	34.06
7/5/2010 8:15	30.064859	34.06
7/5/2010 8:30	30.067898	34.07
7/5/2010 8:45	30.070177	34.07
7/5/2010 9:00	30.069376	34.07
7/5/2010 9:15	30.068167	34.07
7/5/2010 9:30	30.070711	34.07
7/5/2010 9:45	30.061295	34.06
7/5/2010 10:00	30.061224	34.06
7/5/2010 10:15	30.068474	34.07
7/5/2010 10:30	30.067875	34.07
7/5/2010 10:45	30.065199	34.06
7/5/2010 11:00	30.066286	34.07
7/5/2010 11:15	30.057697	34.06
7/5/2010 11:30	30.056185	34.05
7/5/2010 11:45	30.063065	34.06
7/5/2010 12:00	30.057491	34.06
7/5/2010 12:15	30.054754	34.05
7/5/2010 12:30	30.051172	34.05
7/5/2010 12:45	30.045757	34.04
7/5/2010 13:00	30.042427	34.04
7/5/2010 13:15	30.036238	34.03
7/5/2010 13:30	30.036627	34.03
7/5/2010 13:45	30.034822	34.03
7/5/2010 14:00	30.033213	34.03
7/5/2010 14:15	30.027382	34.02
7/5/2010 14:30	30.0271	34.02
7/5/2010 14:45	30.023592	34.02
7/5/2010 15:00	30.024252	34.02
7/5/2010 15:15	30.022226	34.02
7/5/2010 15:30	30.020458	34.01
7/5/2010 15:45	30.014608	34.01
7/5/2010 16:00	30.011932	34.00
7/5/2010 16:15	30.014423	34.01

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)
7/5/2010 21:45	2.365324	-0.24	0.06
7/5/2010 22:00	2.335907	-0.21	0.09
7/5/2010 22:15	2.304029	-0.17	0.12
7/5/2010 22:30	2.279038	-0.15	0.15
7/5/2010 22:45	2.241005	-0.11	0.19
7/5/2010 23:00	2.188826	-0.06	0.24
7/5/2010 23:15	2.124684	0.01	0.31
7/5/2010 23:30	2.059169	0.07	0.37
7/5/2010 23:45	1.997467	0.13	0.43
7/6/2010 0:00	1.934309	0.20	0.50
7/6/2010 0:15	1.88193	0.25	0.55
7/6/2010 0:30	1.828244	0.30	0.60
7/6/2010 0:45	1.76587	0.36	0.66
7/6/2010 1:00	1.706192	0.42	0.72
7/6/2010 1:15	1.649855	0.48	0.77
7/6/2010 1:30	1.59279	0.54	0.83
7/6/2010 1:45	1.537691	0.59	0.88
7/6/2010 2:00	1.4926	0.64	0.93
7/6/2010 2:15	1.447346	0.68	0.97
7/6/2010 2:30	1.407875	0.72	1.01
7/6/2010 2:45	1.380493	0.75	1.04
7/6/2010 3:00	1.353844	0.78	1.07
7/6/2010 3:15	1.330345	0.80	1.09
7/6/2010 3:30	1.313604	0.82	1.10
7/6/2010 3:45	1.304081	0.83	1.11
7/6/2010 4:00	1.304588	0.83	1.11
7/6/2010 4:15	1.314294	0.82	1.11
7/6/2010 4:30	1.331338	0.80	1.09
7/6/2010 4:45	1.348926	0.78	1.07
7/6/2010 5:00	1.359766	0.77	1.07
7/6/2010 5:15	1.381528	0.75	1.05
7/6/2010 5:30	1.404247	0.73	1.03
7/6/2010 5:45	1.426387	0.70	1.00
7/6/2010 6:00	1.462705	0.67	0.99
7/6/2010 6:15	1.492524	0.64	0.95
7/6/2010 6:30	1.52673	0.60	0.91
7/6/2010 6:45	1.556723	0.57	0.88
7/6/2010 7:00	1.593486	0.54	0.86
7/6/2010 7:15	1.627812	0.50	0.82
7/6/2010 7:30	1.662382	0.47	0.79
7/6/2010 7:45	1.694811	0.44	0.76
7/6/2010 8:00	1.727937	0.40	0.73
7/6/2010 8:15	1.753002	0.38	0.71
7/6/2010 8:30	1.781391	0.35	0.68
7/6/2010 8:45	1.815571	0.31	0.64
7/6/2010 9:00	1.841369	0.29	0.62
7/6/2010 9:15	1.861079	0.27	0.60
7/6/2010 9:30	1.882261	0.25	0.58
7/6/2010 9:45	1.89295	0.24	0.57
7/6/2010 10:00	1.902548	0.23	0.55
7/6/2010 10:15	1.903406	0.23	0.54
7/6/2010 10:30	1.905983	0.22	0.56
7/6/2010 10:45	1.905067	0.22	0.55

FMC-Gage (Parkside Marina)			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	
7/5/2010 21:16	3.908048	-1.08	
7/5/2010 21:31	3.880953	-1.05	
7/5/2010 21:46	3.845735	-1.02	
7/5/2010 22:01	3.776031	-0.95	
7/5/2010 22:16	3.725645	-0.90	
7/5/2010 22:31	3.691833	-0.86	
7/5/2010 22:46	3.60988	-0.78	
7/5/2010 23:01	3.513269	-0.68	
7/5/2010 23:16	3.409097	-0.58	
7/5/2010 23:31	3.286669	-0.46	
7/5/2010 23:46	3.192877	-0.36	
7/6/2010 0:01	3.139087	-0.31	
7/6/2010 0:16	3.033342	-0.20	
7/6/2010 0:31	2.955574	-0.13	
7/6/2010 0:46	2.849155	-0.02	
7/6/2010 1:01	2.765793	0.06	
7/6/2010 1:16	2.688907	0.14	
7/6/2010 1:31	2.60155	0.23	
7/6/2010 1:46	2.533495	0.30	
7/6/2010 2:01	2.478472	0.35	
7/6/2010 2:16	2.415272	0.41	
7/6/2010 2:31	2.375158	0.45	
7/6/2010 2:46	2.351842	0.48	
7/6/2010 3:01	2.325861	0.50	
7/6/2010 3:16	2.302612	0.53	
7/6/2010 3:31	2.293281	0.54	
7/6/2010 3:46	2.297363	0.53	
7/6/2010 4:01	2.322871	0.51	
7/6/2010 4:16	2.357159	0.47	
7/6/2010 4:31	2.402617	0.43	
7/6/2010 4:46	2.433078	0.40	
7/6/2010 5:01	2.453865	0.38	
7/6/2010 5:16	2.502826	0.33	
7/6/2010 5:31	2.537637	0.29	
7/6/2010 5:46	2.580909	0.25	
7/6/2010 6:01	2.653862	0.18	
7/6/2010 6:16	2.697641	0.13	
7/6/2010 6:31	2.75625	0.07	
7/6/2010 6:46	2.796818	0.03	
7/6/2010 7:01	2.8623	-0.03	
7/6/2010 7:16	2.915168	-0.09	
7/6/2010 7:31	2.964834	-0.13	
7/6/2010 7:46	3.015442	-0.19	
7/6/2010 8:01	3.053556	-0.22	
7/6/2010 8:16	3.081728	-0.25	
7/6/2010 8:31	3.126793	-0.30	
7/6/2010 8:46	3.174873	-0.34	
7/6/2010 9:01	3.203793	-0.37	
7/6/2010 9:16	3.226952	-0.40	
7/6/2010 9:31	3.252721	-0.42	
7/6/2010 9:46	3.2511	-0.42	
7/6/2010 10:01	3.251158	-0.42	
7/6/2010 10:16	3.242394	-0.41	
7/6/2010 10:31	3.239066	-0.41	
7/6/2010 10:46	3.227769	-0.40	
7/6/2010 11:01	3.19273	-0.36	
7/6/2010 11:16	3.168227	-0.34	

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
7/5/2010 16:30	30.011511	34.00
7/5/2010 16:45	30.012398	34.00
7/5/2010 17:00	30.007687	34.00
7/5/2010 17:15	30.009535	34.00
7/5/2010 17:30	30.007277	34.00
7/5/2010 17:45	30.004667	34.00
7/5/2010 18:00	30.00235	33.99
7/5/2010 18:15	30.00629	34.00
7/5/2010 18:30	30.006998	34.00
7/5/2010 18:45	30.00629	34.00
7/5/2010 19:00	30.011932	34.00
7/5/2010 19:15	30.01079	34.00
7/5/2010 19:30	30.016342	34.01
7/5/2010 19:45	30.018156	34.01
7/5/2010 20:00	30.018433	34.01
7/5/2010 20:15	30.017464	34.01
7/5/2010 20:30	30.016718	34.01
7/5/2010 20:45	30.018721	34.01
7/5/2010 21:00	30.026882	34.02
7/5/2010 21:15	30.034687	34.03
7/5/2010 21:30	30.039968	34.04
7/5/2010 21:45	30.048773	34.05
7/5/2010 22:00	30.051523	34.05
7/5/2010 22:15	30.048376	34.04
7/5/2010 22:30	30.050154	34.05
7/5/2010 22:45	30.04858	34.05
7/5/2010 23:00	30.049217	34.05
7/5/2010 23:15	30.049408	34.05
7/5/2010 23:30	30.049408	34.05
7/5/2010 23:45	30.054804	34.05
7/6/2010 0:00	30.053429	34.05
7/6/2010 0:15	30.052292	34.05
7/6/2010 0:30	30.050543	34.05
7/6/2010 0:45	30.050621	34.05
7/6/2010 1:00	30.053921	34.05
7/6/2010 1:15	30.046293	34.04
7/6/2010 1:30	30.045698	34.04
7/6/2010 1:45	30.04715	34.04
7/6/2010 2:00	30.042067	34.04
7/6/2010 2:15	30.042255	34.04
7/6/2010 2:30	30.04376	34.04
7/6/2010 2:45	30.040298	34.04
7/6/2010 3:00	30.04085	34.04
7/6/2010 3:15	30.041086	34.04
7/6/2010 3:30	30.038408	34.03
7/6/2010 3:45	30.035692	34.03
7/6/2010 4:00	30.038719	34.03
7/6/2010 4:15	30.047853	34.04
7/6/2010 4:30	30.043032	34.04
7/6/2010 4:45	30.045263	34.04
7/6/2010 5:00	30.048773	34.05
7/6/2010 5:15	30.050776	34.05
7/6/2010 5:30	30.053297	34.05
7/6/2010 5:45	30.057056	34.05
7/6/2010 6:00	30.067854	34.07
7/6/2010 6:15	30.062437	34.06
7/6/2010 6:30	30.065199	34.06
7/6/2010 6:45	30.064224	34.06
7/6/2010 7:00	30.070807	34.07
7/6/2010 7:15	30.067795	34.07
7/6/2010 7:30	30.069717	34.07
7/6/2010 7:45	30.06883	34.07
7/6/2010 8:00	30.075623	34.08
7/6/2010 8:15	30.075867	34.08
7/6/2010 8:30	30.07753	34.08
7/6/2010 8:45	30.076447	34.08
7/6/2010 9:00	30.078457	34.08
7/6/2010 9:15	30.080774	34.08
7/6/2010 9:30	30.077061	34.08

Table F-1
Long-Term Groundwater and Surface Water Data and Baromteric Pressure - June-July 2010
Lockheed Martin Martin State Airport, Middle River, Maryland

PZ02D			
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)	BE-Corrected Water Elevation Feet (NAVD 1988)

FMC-Gage (Parkside Marina)		
Date/Time	Depth to Water Feet Below Top of Casing	Water Elevation Feet (NAVD 1988)

Barometric Pressure		
Date/Time	Inches of Hg	Feet of Water
7/6/2010 9:45	30.079031	34.08
7/6/2010 10:00	30.074345	34.07
7/6/2010 10:15	30.062946	34.06
7/6/2010 10:30	30.091557	34.09
7/6/2010 10:45	30.080788	34.08
7/6/2010 11:00	30.0895	34.09
7/6/2010 11:15	30.088047	34.09

Table F-2.1

Least-Squares Regression for Estimating BE - Well DMW4D
Lockheed Martin, Martin State Airport, Middle River, Maryland

Date Time	Brometric Pressure Feet of Water	Water Elevation Feet NAVD88
6/28/2010 13:30	33.61	1.13
6/28/2010 13:45	33.62	1.09
6/28/2010 14:00	33.60	1.08
6/28/2010 14:15	33.60	1.06
6/28/2010 14:30	33.62	1.02
6/28/2010 14:45	33.64	0.97
6/28/2010 15:00	33.65	0.90
6/28/2010 15:15	33.69	0.81
6/28/2010 15:30	33.68	0.75
6/28/2010 15:45	33.68	0.68
6/28/2010 16:00	33.68	0.77
6/28/2010 16:15	33.68	0.87
6/28/2010 16:30	33.66	0.81
6/28/2010 16:45	33.66	0.79
6/28/2010 17:00	33.64	0.74
6/28/2010 17:15	33.63	0.69
6/28/2010 17:30	33.62	0.70
6/28/2010 17:45	33.64	0.78
6/28/2010 18:00	33.63	0.79
6/28/2010 18:15	33.64	0.75
6/28/2010 18:30	33.63	0.79
6/28/2010 18:45	33.63	0.82
6/28/2010 19:00	33.63	0.85
6/28/2010 19:15	33.64	0.95
6/28/2010 19:30	33.64	0.98
6/28/2010 19:45	33.66	1.01
6/28/2010 20:00	33.65	0.99
6/28/2010 20:15	33.65	0.97
6/28/2010 20:30	33.66	1.00
6/28/2010 20:45	33.67	1.00
6/28/2010 21:00	33.67	1.01
6/28/2010 21:15	33.67	1.06
6/28/2010 21:30	33.68	1.05
6/28/2010 21:45	33.69	1.05
6/28/2010 22:00	33.70	1.07
6/28/2010 22:15	33.71	1.06
6/28/2010 22:30	33.71	1.02
6/28/2010 22:45	33.71	0.98
6/28/2010 23:00	33.71	0.95
6/28/2010 23:15	33.71	0.91
6/28/2010 23:30	33.70	0.90
6/28/2010 23:45	33.71	0.90
6/29/2010 0:00	33.71	0.87
6/29/2010 0:15	33.72	0.84
6/29/2010 0:30	33.72	0.81
6/29/2010 0:45	33.71	0.78
6/29/2010 1:00	33.72	0.75
6/29/2010 1:15	33.72	0.72
6/29/2010 1:30	33.72	0.70
6/29/2010 1:45	33.72	0.67
6/29/2010 2:00	33.72	0.65
6/29/2010 2:15	33.72	0.62
6/29/2010 2:30	33.72	0.58
6/29/2010 2:45	33.73	0.56
6/29/2010 3:00	33.73	0.54
6/29/2010 3:15	33.74	0.53
6/29/2010 3:30	33.74	0.52
6/29/2010 3:45	33.74	0.51
6/29/2010 4:00	33.74	0.50
6/29/2010 4:15	33.75	0.50
6/29/2010 4:30	33.76	0.51
6/29/2010 4:45	33.76	0.53
6/29/2010 5:00	33.77	0.55
6/29/2010 5:15	33.77	0.58
6/29/2010 5:30	33.78	0.61
6/29/2010 5:45	33.79	0.62

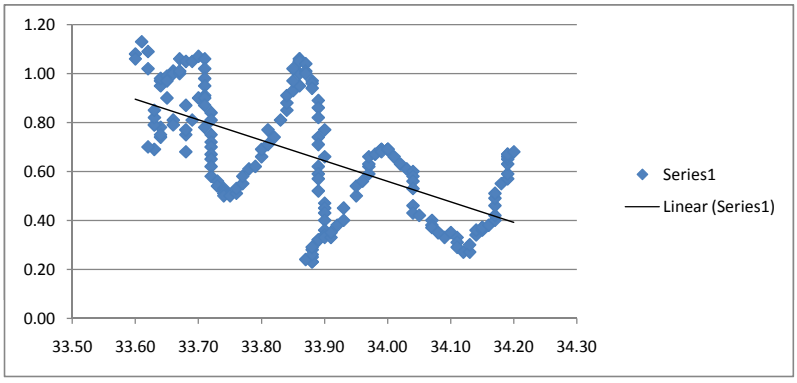
X SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.595669776
R Square	0.354822482
Adjusted R Sq	0.35119789
Standard Error	0.196301868
Observations	180

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	3.772252642	3.772252642	97.89306062	1.14362E-18
Residual	178	6.859127358	0.038534423		
Total	179	10.63138			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	29.07600868	2.871414939	10.12602124	2.55232E-19	23.40961343	34.74240393	23.40961343	34.74240393
X Variable 1	-0.83871015	0.084768782	-9.89409221	1.14362E-18	-1.00599124	-0.67142905	-1.00599124	-0.67142905



6/29/2010 6:00	33.80	0.66
6/29/2010 6:15	33.80	0.69
6/29/2010 6:30	33.81	0.71
6/29/2010 6:45	33.82	0.74
6/29/2010 7:00	33.81	0.77
6/29/2010 7:15	33.83	0.81
6/29/2010 7:30	33.84	0.85
6/29/2010 7:45	33.84	0.88
6/29/2010 8:00	33.84	0.91
6/29/2010 8:15	33.85	0.93
6/29/2010 8:30	33.86	0.95
6/29/2010 8:45	33.85	0.97
6/29/2010 9:00	33.86	1.00
6/29/2010 9:15	33.85	1.02
6/29/2010 9:30	33.86	1.05
6/29/2010 9:45	33.86	1.06
6/29/2010 10:00	33.86	1.06
6/29/2010 10:15	33.86	1.05
6/29/2010 10:30	33.87	1.04
6/29/2010 10:45	33.87	1.01
6/29/2010 11:00	33.87	1.00
6/29/2010 11:15	33.88	0.97
6/29/2010 11:30	33.88	0.96
6/29/2010 11:45	33.88	0.94
6/29/2010 12:00	33.89	0.89
6/29/2010 12:15	33.89	0.86
6/29/2010 12:30	33.89	0.82
6/29/2010 12:45	33.90	0.77
6/29/2010 13:00	33.89	0.74
6/29/2010 13:15	33.89	0.71
6/29/2010 13:30	33.90	0.66
6/29/2010 13:45	33.89	0.62
6/29/2010 14:00	33.89	0.59
6/29/2010 14:15	33.89	0.57
6/29/2010 14:30	33.89	0.52
6/29/2010 14:45	33.90	0.47
6/29/2010 15:00	33.90	0.45
6/29/2010 15:15	33.90	0.43
6/29/2010 15:30	33.90	0.40
6/29/2010 15:45	33.90	0.36
6/29/2010 16:00	33.90	0.34
6/29/2010 16:15	33.89	0.32
6/29/2010 16:30	33.88	0.28
6/29/2010 16:45	33.88	0.25
6/29/2010 17:00	33.88	0.23
6/29/2010 17:15	33.88	0.23
6/29/2010 17:30	33.87	0.24
6/29/2010 17:45	33.88	0.26
6/29/2010 18:00	33.88	0.29
6/29/2010 18:15	33.89	0.32
6/29/2010 18:30	33.90	0.33
6/29/2010 18:45	33.91	0.33
6/29/2010 19:00	33.91	0.35
6/29/2010 19:15	33.92	0.38
6/29/2010 19:30	33.93	0.40
6/29/2010 19:45	33.93	0.45
6/29/2010 20:00	33.95	0.50
6/29/2010 20:15	33.95	0.54
6/29/2010 20:30	33.96	0.56
6/29/2010 20:45	33.97	0.59
6/29/2010 21:00	33.97	0.62
6/29/2010 21:15	33.97	0.63
6/29/2010 21:30	33.97	0.66
6/29/2010 21:45	33.98	0.67
6/29/2010 22:00	33.99	0.69
6/29/2010 22:15	33.99	0.69
6/29/2010 22:30	33.99	0.68
6/29/2010 22:45	34.00	0.69
6/29/2010 23:00	34.00	0.69
6/29/2010 23:15	34.00	0.69
6/29/2010 23:30	34.00	0.69
6/29/2010 23:45	34.01	0.66
6/30/2010 0:00	34.02	0.63
6/30/2010 0:15	34.03	0.61
6/30/2010 0:30	34.04	0.60

6/30/2010 0:45	34.04	0.58	
6/30/2010 1:00	34.04	0.56	
6/30/2010 1:15	34.04	0.53	
6/30/2010 1:30	34.04	0.46	
6/30/2010 1:45	34.04	0.43	
6/30/2010 2:00	34.05	0.42	
6/30/2010 2:15	34.07	0.40	
6/30/2010 2:30	34.07	0.38	
6/30/2010 2:45	34.07	0.37	
6/30/2010 3:00	34.08	0.35	
6/30/2010 3:15	34.09	0.33	
6/30/2010 3:30	34.08	0.35	
6/30/2010 3:45	34.10	0.35	
6/30/2010 4:00	34.11	0.33	
6/30/2010 4:15	34.11	0.31	
6/30/2010 4:30	34.11	0.29	
6/30/2010 4:45	34.12	0.27	
6/30/2010 5:00	34.13	0.27	
6/30/2010 5:15	34.13	0.30	
6/30/2010 5:30	34.14	0.34	
6/30/2010 5:45	34.14	0.36	
6/30/2010 6:00	34.15	0.37	
6/30/2010 6:15	34.15	0.36	
6/30/2010 6:30	34.15	0.37	
6/30/2010 6:45	34.16	0.38	
6/30/2010 7:00	34.17	0.40	
6/30/2010 7:15	34.17	0.42	
6/30/2010 7:30	34.17	0.46	
6/30/2010 7:45	34.17	0.49	
6/30/2010 8:00	34.17	0.51	
6/30/2010 8:15	34.18	0.55	
6/30/2010 8:30	34.19	0.57	
6/30/2010 8:45	34.19	0.59	
6/30/2010 9:00	34.19	0.63	
6/30/2010 9:15	34.19	0.65	
6/30/2010 9:30	34.19	0.66	
6/30/2010 9:45	34.19	0.67	
6/30/2010 10:00	34.19	0.67	
6/30/2010 10:15	34.20	0.68	X

Table F-2.2

Least-Squares Regression for Estimating BE - Well DMW4S
Lockheed Martin, Martin State Airport, Middle River, Maryland

Date Time	Brometric Pressure Feet of Water	Water Elevation Feet NAVD88
6/28/2010 14:30:00	33.62	1.20
6/28/2010 14:45:00	33.64	1.19
6/28/2010 15:00:00	33.65	1.18
6/28/2010 15:15:00	33.69	1.15
6/28/2010 15:30:00	33.68	1.15
6/28/2010 15:45:00	33.68	1.14
6/28/2010 16:00:00	33.68	1.13
6/28/2010 16:15:00	33.68	1.13
6/28/2010 16:30:00	33.66	1.13
6/28/2010 16:45:00	33.66	1.12
6/28/2010 17:00:00	33.64	1.11
6/28/2010 17:15:00	33.63	1.10
6/28/2010 17:30:00	33.62	1.08
6/28/2010 17:45:00	33.64	1.07
6/28/2010 18:00:00	33.63	1.06
6/28/2010 18:15:00	33.64	1.06
6/28/2010 18:30:00	33.63	1.05
6/28/2010 18:45:00	33.63	1.04
6/28/2010 19:00:00	33.63	1.04
6/28/2010 19:15:00	33.64	1.04
6/28/2010 19:30:00	33.64	1.04
6/28/2010 19:45:00	33.66	1.03
6/28/2010 20:00:00	33.65	1.04
6/28/2010 20:15:00	33.65	1.04
6/28/2010 20:30:00	33.66	1.04
6/28/2010 20:45:00	33.67	1.04
6/28/2010 21:00:00	33.67	1.04
6/28/2010 21:15:00	33.67	1.04
6/28/2010 21:30:00	33.68	1.04
6/28/2010 21:45:00	33.69	1.04
6/28/2010 22:00:00	33.70	1.05
6/28/2010 22:15:00	33.71	1.05
6/28/2010 22:30:00	33.71	1.05
6/28/2010 22:45:00	33.71	1.06
6/28/2010 23:00:00	33.71	1.06
6/28/2010 23:15:00	33.71	1.05
6/28/2010 23:30:00	33.70	1.05
6/28/2010 23:45:00	33.71	1.04
6/29/2010 0:00:00	33.71	1.03
6/29/2010 0:15:00	33.72	1.03
6/29/2010 0:30:00	33.72	1.02
6/29/2010 0:45:00	33.71	1.02
6/29/2010 1:00:00	33.72	1.01
6/29/2010 1:15:00	33.72	1.00
6/29/2010 1:30:00	33.72	0.99
6/29/2010 1:45:00	33.72	0.98
6/29/2010 2:00:00	33.72	0.98
6/29/2010 2:15:00	33.72	0.96
6/29/2010 2:30:00	33.72	0.96
6/29/2010 2:45:00	33.73	0.94
6/29/2010 3:00:00	33.73	0.94
6/29/2010 3:15:00	33.74	0.92
6/29/2010 3:30:00	33.74	0.91
6/29/2010 3:45:00	33.74	0.91
6/29/2010 4:00:00	33.74	0.90
6/29/2010 4:15:00	33.75	0.89
6/29/2010 4:30:00	33.76	0.88
6/29/2010 4:45:00	33.76	0.87
6/29/2010 5:00:00	33.77	0.87
6/29/2010 5:15:00	33.77	0.87
6/29/2010 5:30:00	33.78	0.86
6/29/2010 5:45:00	33.79	0.85
6/29/2010 6:00:00	33.80	0.85
6/29/2010 6:15:00	33.80	0.85
6/29/2010 6:30:00	33.81	0.84
6/29/2010 6:45:00	33.82	0.85
6/29/2010 7:00:00	33.81	0.85
6/29/2010 7:15:00	33.83	0.84

X

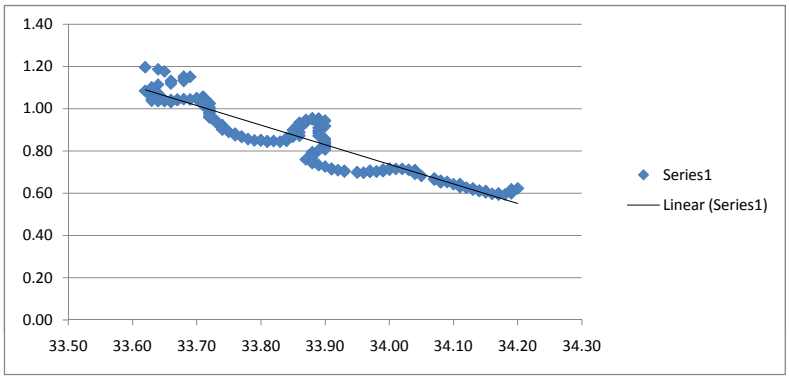
SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.938995
R Square	0.881711
Adjusted R Squ	0.881031
Standard Error	0.058731
Observations	176

ANOVA

	df	*SS*	*MS*	*F*	*ignificance F*
Regression	1	4.473675	4.473675	1296.977	1.43E-82
Residual	174	0.60018	0.003449		
Total	175	5.073855			

	Coefficients	*tandard Err*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*ower 95.0%*	*pper 95.0%*
Intercept	34.68576	0.022832	1519.153	0	34.6407	34.73082	34.6407	34.73082
X Variable 1	-0.94996	0.026378	-36.0136	1.43E-82	-1.00203	-0.8979	-1.00203	-0.8979



6/29/2010 7:30:00	33.84	0.85
6/29/2010 7:45:00	33.84	0.86
6/29/2010 8:00:00	33.84	0.86
6/29/2010 8:15:00	33.85	0.87
6/29/2010 8:30:00	33.86	0.87
6/29/2010 8:45:00	33.85	0.88
6/29/2010 9:00:00	33.86	0.89
6/29/2010 9:15:00	33.85	0.90
6/29/2010 9:30:00	33.86	0.91
6/29/2010 9:45:00	33.86	0.92
6/29/2010 10:00:00	33.86	0.92
6/29/2010 10:15:00	33.86	0.93
6/29/2010 10:30:00	33.87	0.94
6/29/2010 10:45:00	33.87	0.94
6/29/2010 11:00:00	33.87	0.95
6/29/2010 11:15:00	33.88	0.95
6/29/2010 11:30:00	33.88	0.95
6/29/2010 11:45:00	33.88	0.95
6/29/2010 12:00:00	33.89	0.95
6/29/2010 12:15:00	33.89	0.95
6/29/2010 12:30:00	33.89	0.95
6/29/2010 12:45:00	33.90	0.94
6/29/2010 13:00:00	33.89	0.94
6/29/2010 13:15:00	33.89	0.93
6/29/2010 13:30:00	33.90	0.92
6/29/2010 13:45:00	33.89	0.91
6/29/2010 14:00:00	33.89	0.90
6/29/2010 14:15:00	33.89	0.89
6/29/2010 14:30:00	33.89	0.87
6/29/2010 14:45:00	33.90	0.86
6/29/2010 15:00:00	33.90	0.84
6/29/2010 15:15:00	33.90	0.83
6/29/2010 15:30:00	33.90	0.83
6/29/2010 15:45:00	33.90	0.82
6/29/2010 16:00:00	33.90	0.81
6/29/2010 16:15:00	33.89	0.80
6/29/2010 16:30:00	33.88	0.79
6/29/2010 16:45:00	33.88	0.79
6/29/2010 17:00:00	33.88	0.78
6/29/2010 17:15:00	33.88	0.77
6/29/2010 17:30:00	33.87	0.76
6/29/2010 17:45:00	33.88	0.75
6/29/2010 18:00:00	33.88	0.74
6/29/2010 18:15:00	33.89	0.73
6/29/2010 18:30:00	33.90	0.73
6/29/2010 18:45:00	33.91	0.72
6/29/2010 19:00:00	33.91	0.71
6/29/2010 19:15:00	33.92	0.71
6/29/2010 19:30:00	33.93	0.71
6/29/2010 19:45:00	33.93	0.70
6/29/2010 20:00:00	33.95	0.70
6/29/2010 20:15:00	33.95	0.70
6/29/2010 20:30:00	33.96	0.70
6/29/2010 20:45:00	33.97	0.70
6/29/2010 21:00:00	33.97	0.71
6/29/2010 21:15:00	33.97	0.70
6/29/2010 21:30:00	33.97	0.71
6/29/2010 21:45:00	33.98	0.70
6/29/2010 22:00:00	33.99	0.70
6/29/2010 22:15:00	33.99	0.71
6/29/2010 22:30:00	33.99	0.71
6/29/2010 22:45:00	34.00	0.71
6/29/2010 23:00:00	34.00	0.71
6/29/2010 23:15:00	34.00	0.72
6/29/2010 23:30:00	34.00	0.71
6/29/2010 23:45:00	34.01	0.71
6/30/2010 0:00:00	34.02	0.72
6/30/2010 0:15:00	34.03	0.71
6/30/2010 0:30:00	34.04	0.71
6/30/2010 0:45:00	34.04	0.71
6/30/2010 1:00:00	34.04	0.71
6/30/2010 1:15:00	34.04	0.70
6/30/2010 1:30:00	34.04	0.70
6/30/2010 1:45:00	34.04	0.69
6/30/2010 2:00:00	34.05	0.68
6/30/2010 2:15:00	34.07	0.67
6/30/2010 2:30:00	34.07	0.67
6/30/2010 2:45:00	34.07	0.67

6/30/2010 3:00:00	34.08	0.66
6/30/2010 3:15:00	34.09	0.65
6/30/2010 3:30:00	34.08	0.65
6/30/2010 3:45:00	34.10	0.64
6/30/2010 4:00:00	34.11	0.64
6/30/2010 4:15:00	34.11	0.64
6/30/2010 4:30:00	34.11	0.63
6/30/2010 4:45:00	34.12	0.63
6/30/2010 5:00:00	34.13	0.62
6/30/2010 5:15:00	34.13	0.62
6/30/2010 5:30:00	34.14	0.61
6/30/2010 5:45:00	34.14	0.61
6/30/2010 6:00:00	34.15	0.61
6/30/2010 6:15:00	34.15	0.61
6/30/2010 6:30:00	34.15	0.60
6/30/2010 6:45:00	34.16	0.60
6/30/2010 7:00:00	34.17	0.60
6/30/2010 7:15:00	34.17	0.59
6/30/2010 7:30:00	34.17	0.60
6/30/2010 7:45:00	34.17	0.60
6/30/2010 8:00:00	34.17	0.60
6/30/2010 8:15:00	34.18	0.60
6/30/2010 8:30:00	34.19	0.60
6/30/2010 8:45:00	34.19	0.60
6/30/2010 9:00:00	34.19	0.60
6/30/2010 9:15:00	34.19	0.61
6/30/2010 9:30:00	34.19	0.61
6/30/2010 9:45:00	34.19	0.62
6/30/2010 10:00:00	34.19	0.62
6/30/2010 10:15:00	34.20	0.62

X

Table F-2.3

Least-Squares Regression for Estimating BE - Well DMW4I
Lockheed Martin, Martin State Airport, Middle River, Maryland

Date Time	Brometric Pressure Feet of Water	Water Elevation Feet NAVD88
6/28/2010 14:15	33.60	1.29
6/28/2010 14:30	33.62	1.26
6/28/2010 14:45	33.64	1.23
6/28/2010 15:00	33.65	1.19
6/28/2010 15:15	33.69	1.14
6/28/2010 15:30	33.68	1.10
6/28/2010 15:45	33.68	1.06
6/28/2010 16:00	33.68	1.08
6/28/2010 16:15	33.68	1.12
6/28/2010 16:30	33.66	1.11
6/28/2010 16:45	33.66	1.09
6/28/2010 17:00	33.64	1.07
6/28/2010 17:15	33.63	1.04
6/28/2010 17:30	33.62	1.03
6/28/2010 17:45	33.64	1.06
6/28/2010 18:00	33.63	1.07
6/28/2010 18:15	33.64	1.05
6/28/2010 18:30	33.63	1.06
6/28/2010 18:45	33.63	1.07
6/28/2010 19:00	33.63	1.08
6/28/2010 19:15	33.64	1.13
6/28/2010 19:30	33.64	1.15
6/28/2010 19:45	33.66	1.17
6/28/2010 20:00	33.65	1.17
6/28/2010 20:15	33.65	1.16
6/28/2010 20:30	33.66	1.18
6/28/2010 20:45	33.67	1.18
6/28/2010 21:00	33.67	1.18
6/28/2010 21:15	33.67	1.21
6/28/2010 21:30	33.68	1.21
6/28/2010 21:45	33.69	1.21
6/28/2010 22:00	33.70	1.22
6/28/2010 22:15	33.71	1.22
6/28/2010 22:30	33.71	1.21
6/28/2010 22:45	33.71	1.18
6/28/2010 23:00	33.71	1.17
6/28/2010 23:15	33.71	1.14
6/28/2010 23:30	33.70	1.13
6/28/2010 23:45	33.71	1.13
6/29/2010 0:00	33.71	1.11
6/29/2010 0:15	33.72	1.10
6/29/2010 0:30	33.72	1.08
6/29/2010 0:45	33.71	1.06
6/29/2010 1:00	33.72	1.04
6/29/2010 1:15	33.72	1.02
6/29/2010 1:30	33.72	1.00
6/29/2010 1:45	33.72	0.98
6/29/2010 2:00	33.72	0.97
6/29/2010 2:15	33.72	0.95
6/29/2010 2:30	33.72	0.93
6/29/2010 2:45	33.73	0.91
6/29/2010 3:00	33.73	0.89
6/29/2010 3:15	33.74	0.88
6/29/2010 3:30	33.74	0.87
6/29/2010 3:45	33.74	0.86
6/29/2010 4:00	33.74	0.85
6/29/2010 4:15	33.75	0.85
6/29/2010 4:30	33.76	0.84
6/29/2010 4:45	33.76	0.86
6/29/2010 5:00	33.77	0.86
6/29/2010 5:15	33.77	0.87
6/29/2010 5:30	33.78	0.88
6/29/2010 5:45	33.79	0.89
6/29/2010 6:00	33.80	0.90
6/29/2010 6:15	33.80	0.92
6/29/2010 6:30	33.81	0.93
6/29/2010 6:45	33.82	0.95

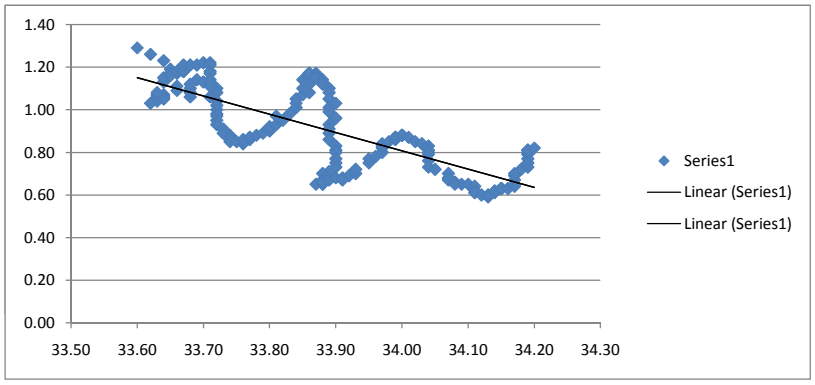
X SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.76534841
R Square	0.58575819
Adjusted R S	0.5833911
Standard Erro	0.12414722
Observations	177

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	3.81396294	3.81396294	247.458567	2.5348E-35
Residual	175	2.697193	0.01541253		
Total	176	6.51115593			

	Coefficients	*Standard Erro*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*	*Upper 95.0%*
Intercept	30.062712	1.85308502	16.2230613	1.022E-36	26.4054403	33.7199836	26.4054403	33.7199836	33.7199836
X Variable 1	-0.8604578	0.05469886	-15.730816	2.5348E-35	-0.9684121	-0.7525034	-0.9684121	-0.7525034	-0.7525034



6/29/2010 7:00	33.81	0.97
6/29/2010 7:15	33.83	0.98
6/29/2010 7:30	33.84	1.01
6/29/2010 7:45	33.84	1.03
6/29/2010 8:00	33.84	1.05
6/29/2010 8:15	33.85	1.07
6/29/2010 8:30	33.86	1.08
6/29/2010 8:45	33.85	1.10
6/29/2010 9:00	33.86	1.12
6/29/2010 9:15	33.85	1.14
6/29/2010 9:30	33.86	1.15
6/29/2010 9:45	33.86	1.17
6/29/2010 10:00	33.86	1.17
6/29/2010 10:15	33.86	1.17
6/29/2010 10:30	33.87	1.17
6/29/2010 10:45	33.87	1.16
6/29/2010 11:00	33.87	1.15
6/29/2010 11:15	33.88	1.14
6/29/2010 11:30	33.88	1.13
6/29/2010 11:45	33.88	1.12
6/29/2010 12:00	33.89	1.10
6/29/2010 12:15	33.89	1.08
6/29/2010 12:30	33.89	1.05
6/29/2010 12:45	33.90	1.03
6/29/2010 13:00	33.89	1.01
6/29/2010 13:15	33.89	0.99
6/29/2010 13:30	33.90	0.96
6/29/2010 13:45	33.89	0.93
6/29/2010 14:00	33.89	0.91
6/29/2010 14:15	33.89	0.89
6/29/2010 14:30	33.89	0.86
6/29/2010 14:45	33.90	0.83
6/29/2010 15:00	33.90	0.81
6/29/2010 15:15	33.90	0.80
6/29/2010 15:30	33.90	0.77
6/29/2010 15:45	33.90	0.75
6/29/2010 16:00	33.90	0.73
6/29/2010 16:15	33.89	0.71
6/29/2010 16:30	33.88	0.70
6/29/2010 16:45	33.88	0.67
6/29/2010 17:00	33.88	0.66
6/29/2010 17:15	33.88	0.65
6/29/2010 17:30	33.87	0.65
6/29/2010 17:45	33.88	0.65
6/29/2010 18:00	33.88	0.66
6/29/2010 18:15	33.89	0.67
6/29/2010 18:30	33.90	0.68
6/29/2010 18:45	33.91	0.67
6/29/2010 19:00	33.91	0.68
6/29/2010 19:15	33.92	0.69
6/29/2010 19:30	33.93	0.70
6/29/2010 19:45	33.93	0.72
6/29/2010 20:00	33.95	0.75
6/29/2010 20:15	33.95	0.77
6/29/2010 20:30	33.96	0.78
6/29/2010 20:45	33.97	0.80
6/29/2010 21:00	33.97	0.82
6/29/2010 21:15	33.97	0.83
6/29/2010 21:30	33.97	0.84
6/29/2010 21:45	33.98	0.85
6/29/2010 22:00	33.99	0.86
6/29/2010 22:15	33.99	0.87
6/29/2010 22:30	33.99	0.87
6/29/2010 22:45	34.00	0.88
6/29/2010 23:00	34.00	0.88
6/29/2010 23:15	34.00	0.88
6/29/2010 23:30	34.00	0.88
6/29/2010 23:45	34.01	0.87
6/30/2010 0:00	34.02	0.85
6/30/2010 0:15	34.03	0.84
6/30/2010 0:30	34.04	0.83
6/30/2010 0:45	34.04	0.81
6/30/2010 1:00	34.04	0.80
6/30/2010 1:15	34.04	0.79
6/30/2010 1:30	34.04	0.76
6/30/2010 1:45	34.04	0.73

6/30/2010 2:00	34.05	0.72	
6/30/2010 2:15	34.07	0.70	
6/30/2010 2:30	34.07	0.68	
6/30/2010 2:45	34.07	0.67	
6/30/2010 3:00	34.08	0.66	
6/30/2010 3:15	34.09	0.65	
6/30/2010 3:30	34.08	0.65	
6/30/2010 3:45	34.10	0.65	
6/30/2010 4:00	34.11	0.64	
6/30/2010 4:15	34.11	0.62	
6/30/2010 4:30	34.11	0.61	
6/30/2010 4:45	34.12	0.60	
6/30/2010 5:00	34.13	0.59	
6/30/2010 5:15	34.13	0.60	
6/30/2010 5:30	34.14	0.61	
6/30/2010 5:45	34.14	0.62	
6/30/2010 6:00	34.15	0.63	
6/30/2010 6:15	34.15	0.63	
6/30/2010 6:30	34.15	0.63	
6/30/2010 6:45	34.16	0.63	
6/30/2010 7:00	34.17	0.64	
6/30/2010 7:15	34.17	0.65	
6/30/2010 7:30	34.17	0.67	
6/30/2010 7:45	34.17	0.69	
6/30/2010 8:00	34.17	0.70	
6/30/2010 8:15	34.18	0.72	
6/30/2010 8:30	34.19	0.73	
6/30/2010 8:45	34.19	0.75	
6/30/2010 9:00	34.19	0.77	
6/30/2010 9:15	34.19	0.79	
6/30/2010 9:30	34.19	0.80	
6/30/2010 9:45	34.19	0.81	
6/30/2010 10:00	34.19	0.81	
6/30/2010 10:15	34.20	0.82	X

Table F-2.4

Least-Squares Regression for Estimating BE - PZ-1(D)
Lockheed Martin, Martin State Airport, Middle River, Maryland

Date Time	Brometric Pressure Feet of Water	Water Elevation Feet NAVD88
		X
6/28/2010 13:45	33.62	0.89
6/28/2010 14:00	33.60	0.86
6/28/2010 14:15	33.60	0.83
6/28/2010 14:30	33.62	0.79
6/28/2010 14:45	33.64	0.75
6/28/2010 15:00	33.65	0.70
6/28/2010 15:15	33.69	0.62
6/28/2010 15:30	33.68	0.55
6/28/2010 15:45	33.68	0.48
6/28/2010 16:00	33.68	0.47
6/28/2010 16:15	33.68	0.51
6/28/2010 16:30	33.66	0.50
6/28/2010 16:45	33.66	0.48
6/28/2010 17:00	33.64	0.45
6/28/2010 17:15	33.63	0.41
6/28/2010 17:30	33.62	0.38
6/28/2010 17:45	33.64	0.41
6/28/2010 18:00	33.63	0.42
6/28/2010 18:15	33.64	0.41
6/28/2010 18:30	33.63	0.42
6/28/2010 18:45	33.63	0.44
6/28/2010 19:00	33.63	0.46
6/28/2010 19:15	33.64	0.52
6/28/2010 19:30	33.64	0.56
6/28/2010 19:45	33.66	0.60
6/28/2010 20:00	33.65	0.62
6/28/2010 20:15	33.65	0.62
6/28/2010 20:30	33.66	0.64
6/28/2010 20:45	33.67	0.66
6/28/2010 21:00	33.67	0.67
6/28/2010 21:15	33.67	0.70
6/28/2010 21:30	33.68	0.72
6/28/2010 21:45	33.69	0.73
6/28/2010 22:00	33.70	0.74
6/28/2010 22:15	33.71	0.75
6/28/2010 22:30	33.71	0.74
6/28/2010 22:45	33.71	0.71
6/28/2010 23:00	33.71	0.69
6/28/2010 23:15	33.71	0.66
6/28/2010 23:30	33.70	0.63
6/28/2010 23:45	33.71	0.62
6/29/2010 0:00	33.71	0.60
6/29/2010 0:15	33.72	0.58
6/29/2010 0:30	33.72	0.55
6/29/2010 0:45	33.71	0.52
6/29/2010 1:00	33.72	0.49
6/29/2010 1:15	33.72	0.45
6/29/2010 1:30	33.72	0.43
6/29/2010 1:45	33.72	0.39
6/29/2010 2:00	33.72	0.37
6/29/2010 2:15	33.72	0.34
6/29/2010 2:30	33.72	0.30
6/29/2010 2:45	33.73	0.27
6/29/2010 3:00	33.73	0.24
6/29/2010 3:15	33.74	0.22
6/29/2010 3:30	33.74	0.20
6/29/2010 3:45	33.74	0.18
6/29/2010 4:00	33.74	0.17
6/29/2010 4:15	33.75	0.16
6/29/2010 4:30	33.76	0.16
6/29/2010 4:45	33.76	0.17
6/29/2010 5:00	33.77	0.18
6/29/2010 5:15	33.77	0.19
6/29/2010 5:30	33.78	0.21
6/29/2010 5:45	33.79	0.23

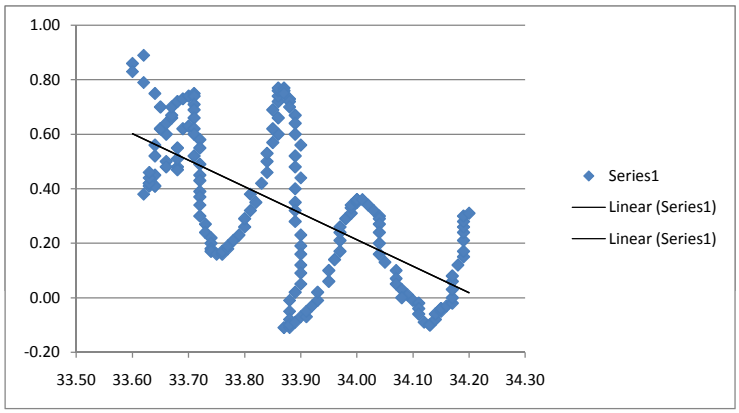
SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.62311382
R Square	0.38827083
Adjusted R S	0.38481474
Standard Erro	0.21130119
Observations	179

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	5.01594467	5.01594467	112.343732	1.2289E-20
Residual	177	7.90273019	0.04464819		
Total	178	12.9186749			

	Coefficients	*Standard Erro*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	33.3109145	3.11120328	10.7067625	6.0784E-21	27.1710881	39.4507409	27.1710881	39.4507409
X Variable 1	-0.9734732	0.09184374	-10.599233	1.2289E-20	-1.1547229	-0.7922235	-1.1547229	-0.7922235



6/29/2010 6:00	33.80	0.26
6/29/2010 6:15	33.80	0.29
6/29/2010 6:30	33.81	0.32
6/29/2010 6:45	33.82	0.35
6/29/2010 7:00	33.81	0.38
6/29/2010 7:15	33.83	0.42
6/29/2010 7:30	33.84	0.46
6/29/2010 7:45	33.84	0.50
6/29/2010 8:00	33.84	0.53
6/29/2010 8:15	33.85	0.57
6/29/2010 8:30	33.86	0.60
6/29/2010 8:45	33.85	0.62
6/29/2010 9:00	33.86	0.66
6/29/2010 9:15	33.85	0.69
6/29/2010 9:30	33.86	0.72
6/29/2010 9:45	33.86	0.74
6/29/2010 10:00	33.86	0.76
6/29/2010 10:15	33.86	0.77
6/29/2010 10:30	33.87	0.77
6/29/2010 10:45	33.87	0.76
6/29/2010 11:00	33.87	0.75
6/29/2010 11:15	33.88	0.73
6/29/2010 11:30	33.88	0.72
6/29/2010 11:45	33.88	0.70
6/29/2010 12:00	33.89	0.67
6/29/2010 12:15	33.89	0.64
6/29/2010 12:30	33.89	0.60
6/29/2010 12:45	33.90	0.56
6/29/2010 13:00	33.89	0.52
6/29/2010 13:15	33.89	0.48
6/29/2010 13:30	33.90	0.44
6/29/2010 13:45	33.89	0.40
6/29/2010 14:00	33.89	0.35
6/29/2010 14:15	33.89	0.32
6/29/2010 14:30	33.89	0.28
6/29/2010 14:45	33.90	0.23
6/29/2010 15:00	33.90	0.19
6/29/2010 15:15	33.90	0.16
6/29/2010 15:30	33.90	0.12
6/29/2010 15:45	33.90	0.09
6/29/2010 16:00	33.90	0.05
6/29/2010 16:15	33.89	0.02
6/29/2010 16:30	33.88	-0.01
6/29/2010 16:45	33.88	-0.05
6/29/2010 17:00	33.88	-0.08
6/29/2010 17:15	33.88	-0.10
6/29/2010 17:30	33.87	-0.11
6/29/2010 17:45	33.88	-0.11
6/29/2010 18:00	33.88	-0.10
6/29/2010 18:15	33.89	-0.09
6/29/2010 18:30	33.90	-0.07
6/29/2010 18:45	33.91	-0.07
6/29/2010 19:00	33.91	-0.05
6/29/2010 19:15	33.92	-0.03
6/29/2010 19:30	33.93	-0.01
6/29/2010 19:45	33.93	0.02
6/29/2010 20:00	33.95	0.06
6/29/2010 20:15	33.95	0.10
6/29/2010 20:30	33.96	0.14
6/29/2010 20:45	33.97	0.17
6/29/2010 21:00	33.97	0.21
6/29/2010 21:15	33.97	0.24
6/29/2010 21:30	33.97	0.26
6/29/2010 21:45	33.98	0.29
6/29/2010 22:00	33.99	0.31
6/29/2010 22:15	33.99	0.33
6/29/2010 22:30	33.99	0.34
6/29/2010 22:45	34.00	0.35
6/29/2010 23:00	34.00	0.36
6/29/2010 23:15	34.00	0.36
6/29/2010 23:30	34.00	0.36
6/29/2010 23:45	34.01	0.36
6/30/2010 0:00	34.02	0.34
6/30/2010 0:15	34.03	0.32
6/30/2010 0:30	34.04	0.30
6/30/2010 0:45	34.04	0.29

6/30/2010 1:00	34.04	0.27	
6/30/2010 1:15	34.04	0.24	
6/30/2010 1:30	34.04	0.20	
6/30/2010 1:45	34.04	0.16	
6/30/2010 2:00	34.05	0.13	
6/30/2010 2:15	34.07	0.10	
6/30/2010 2:30	34.07	0.07	
6/30/2010 2:45	34.07	0.05	
6/30/2010 3:00	34.08	0.03	
6/30/2010 3:15	34.09	0.01	
6/30/2010 3:30	34.08	0.00	
6/30/2010 3:45	34.10	-0.01	
6/30/2010 4:00	34.11	-0.02	
6/30/2010 4:15	34.11	-0.04	
6/30/2010 4:30	34.11	-0.06	
6/30/2010 4:45	34.12	-0.09	
6/30/2010 5:00	34.13	-0.10	
6/30/2010 5:15	34.13	-0.10	
6/30/2010 5:30	34.14	-0.08	
6/30/2010 5:45	34.14	-0.06	
6/30/2010 6:00	34.15	-0.05	
6/30/2010 6:15	34.15	-0.04	
6/30/2010 6:30	34.15	-0.04	
6/30/2010 6:45	34.16	-0.03	
6/30/2010 7:00	34.17	-0.02	
6/30/2010 7:15	34.17	0.00	
6/30/2010 7:30	34.17	0.03	
6/30/2010 7:45	34.17	0.06	
6/30/2010 8:00	34.17	0.08	
6/30/2010 8:15	34.18	0.12	
6/30/2010 8:30	34.19	0.15	
6/30/2010 8:45	34.19	0.17	
6/30/2010 9:00	34.19	0.21	
6/30/2010 9:15	34.19	0.24	
6/30/2010 9:30	34.19	0.26	
6/30/2010 9:45	34.19	0.28	
6/30/2010 10:00	34.19	0.30	X
6/30/2010 10:15	34.20	0.31	

Table F-2.5

Least-Squares Regression for Estimating BE - PZ-1(S)
Lockheed Martin, Martin State Airport, Middle River, Maryland

Date Time	Water Elevation Feet NAVD88	Date Time	Brometric Pressure Feet of Water
6/28/2010 14:16	1.00	6/28/2010 14:15	33.60
6/28/2010 14:31	0.97	6/28/2010 14:30	33.62
6/28/2010 14:46	0.95	6/28/2010 14:45	33.64
6/28/2010 15:01	0.91	6/28/2010 15:00	33.65
6/28/2010 15:16	0.87	6/28/2010 15:15	33.69
6/28/2010 15:31	0.83	6/28/2010 15:30	33.68
6/28/2010 15:46	0.77	6/28/2010 15:45	33.68
6/28/2010 16:01	0.72	6/28/2010 16:00	33.68
6/28/2010 16:16	0.70	6/28/2010 16:15	33.68
6/28/2010 16:31	0.69	6/28/2010 16:30	33.66
6/28/2010 16:46	0.68	6/28/2010 16:45	33.66
6/28/2010 17:01	0.66	6/28/2010 17:00	33.64
6/28/2010 17:16	0.64	6/28/2010 17:15	33.63
6/28/2010 17:31	0.62	6/28/2010 17:30	33.62
6/28/2010 17:46	0.60	6/28/2010 17:45	33.64
6/28/2010 18:01	0.60	6/28/2010 18:00	33.63
6/28/2010 18:16	0.59	6/28/2010 18:15	33.64
6/28/2010 18:31	0.59	6/28/2010 18:30	33.63
6/28/2010 18:46	0.60	6/28/2010 18:45	33.63
6/28/2010 19:01	0.61	6/28/2010 19:00	33.63
6/28/2010 19:16	0.63	6/28/2010 19:15	33.64
6/28/2010 19:31	0.67	6/28/2010 19:30	33.64
6/28/2010 19:46	0.71	6/28/2010 19:45	33.66
6/28/2010 20:01	0.74	6/28/2010 20:00	33.65
6/28/2010 20:16	0.74	6/28/2010 20:15	33.65
6/28/2010 20:31	0.75	6/28/2010 20:30	33.66
6/28/2010 20:46	0.77	6/28/2010 20:45	33.67
6/28/2010 21:01	0.78	6/28/2010 21:00	33.67
6/28/2010 21:16	0.79	6/28/2010 21:15	33.67
6/28/2010 21:31	0.81	6/28/2010 21:30	33.68
6/28/2010 21:46	0.82	6/28/2010 21:45	33.69
6/28/2010 22:01	0.83	6/28/2010 22:00	33.70
6/28/2010 22:16	0.84	6/28/2010 22:15	33.71
6/28/2010 22:31	0.85	6/28/2010 22:30	33.71
6/28/2010 22:46	0.84	6/28/2010 22:45	33.71
6/28/2010 23:01	0.83	6/28/2010 23:00	33.71
6/28/2010 23:16	0.82	6/28/2010 23:15	33.71
6/28/2010 23:31	0.81	6/28/2010 23:30	33.70
6/28/2010 23:46	0.79	6/28/2010 23:45	33.71
6/29/2010 0:01	0.78	6/29/2010 0:00	33.71
6/29/2010 0:16	0.76	6/29/2010 0:15	33.72
6/29/2010 0:31	0.75	6/29/2010 0:30	33.72
6/29/2010 0:46	0.72	6/29/2010 0:45	33.71
6/29/2010 1:01	0.70	6/29/2010 1:00	33.72
6/29/2010 1:16	0.68	6/29/2010 1:15	33.72
6/29/2010 1:31	0.66	6/29/2010 1:30	33.72
6/29/2010 1:46	0.63	6/29/2010 1:45	33.72
6/29/2010 2:01	0.60	6/29/2010 2:00	33.72
6/29/2010 2:16	0.58	6/29/2010 2:15	33.72
6/29/2010 2:31	0.56	6/29/2010 2:30	33.72
6/29/2010 2:46	0.53	6/29/2010 2:45	33.73
6/29/2010 3:01	0.50	6/29/2010 3:00	33.73
6/29/2010 3:16	0.48	6/29/2010 3:15	33.74
6/29/2010 3:31	0.46	6/29/2010 3:30	33.74
6/29/2010 3:46	0.44	6/29/2010 3:45	33.74
6/29/2010 4:01	0.42	6/29/2010 4:00	33.74
6/29/2010 4:16	0.41	6/29/2010 4:15	33.75
6/29/2010 4:31	0.39	6/29/2010 4:30	33.76
6/29/2010 4:46	0.39	6/29/2010 4:45	33.76
6/29/2010 5:01	0.39	6/29/2010 5:00	33.77
6/29/2010 5:16	0.39	6/29/2010 5:15	33.77
6/29/2010 5:31	0.40	6/29/2010 5:30	33.78
6/29/2010 5:46	0.41	6/29/2010 5:45	33.79
6/29/2010 6:01	0.43	6/29/2010 6:00	33.80
6/29/2010 6:16	0.45	6/29/2010 6:15	33.80
6/29/2010 6:31	0.48	6/29/2010 6:30	33.81
6/29/2010 6:46	0.50	6/29/2010 6:45	33.82

X

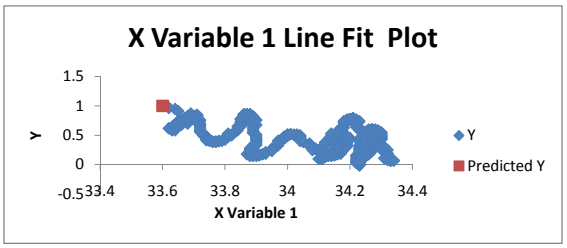
SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.50218462
R Square	0.252189393
Adjusted R Sqı	0.250076933
Standard Error	0.201732643
Observations	356

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	4.858372543	4.858372543	119.3818917	3.83566E-24
Residual	354	14.40640499	0.040696059		
Total	355	19.26477753			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	18.77503962	1.677394089	11.19298068	4.20648E-25	15.47612909	22.07395015	15.47612909	22.07395015
X Variable 1	-0.538182184	0.049256107	-10.92620207	3.83566E-24	-0.635053571	-0.441310797	-0.635053571	-0.441310797



6/29/2010 7:01	0.53	6/29/2010 7:00	33.81
6/29/2010 7:16	0.55	6/29/2010 7:15	33.83
6/29/2010 7:31	0.59	6/29/2010 7:30	33.84
6/29/2010 7:46	0.62	6/29/2010 7:45	33.84
6/29/2010 8:01	0.65	6/29/2010 8:00	33.84
6/29/2010 8:16	0.68	6/29/2010 8:15	33.85
6/29/2010 8:31	0.71	6/29/2010 8:30	33.86
6/29/2010 8:46	0.73	6/29/2010 8:45	33.85
6/29/2010 9:01	0.75	6/29/2010 9:00	33.86
6/29/2010 9:16	0.78	6/29/2010 9:15	33.85
6/29/2010 9:31	0.81	6/29/2010 9:30	33.86
6/29/2010 9:46	0.83	6/29/2010 9:45	33.86
6/29/2010 10:01	0.84	6/29/2010 10:00	33.86
6/29/2010 10:16	0.86	6/29/2010 10:15	33.86
6/29/2010 10:31	0.86	6/29/2010 10:30	33.87
6/29/2010 10:46	0.86	6/29/2010 10:45	33.87
6/29/2010 11:01	0.86	6/29/2010 11:00	33.87
6/29/2010 11:16	0.86	6/29/2010 11:15	33.88
6/29/2010 11:31	0.85	6/29/2010 11:30	33.88
6/29/2010 11:46	0.84	6/29/2010 11:45	33.88
6/29/2010 12:01	0.82	6/29/2010 12:00	33.89
6/29/2010 12:16	0.81	6/29/2010 12:15	33.89
6/29/2010 12:31	0.78	6/29/2010 12:30	33.89
6/29/2010 12:46	0.76	6/29/2010 12:45	33.90
6/29/2010 13:01	0.73	6/29/2010 13:00	33.89
6/29/2010 13:16	0.71	6/29/2010 13:15	33.89
6/29/2010 13:31	0.68	6/29/2010 13:30	33.90
6/29/2010 13:46	0.64	6/29/2010 13:45	33.89
6/29/2010 14:01	0.61	6/29/2010 14:00	33.89
6/29/2010 14:16	0.57	6/29/2010 14:15	33.89
6/29/2010 14:31	0.54	6/29/2010 14:30	33.89
6/29/2010 14:46	0.51	6/29/2010 14:45	33.90
6/29/2010 15:01	0.47	6/29/2010 15:00	33.90
6/29/2010 15:16	0.44	6/29/2010 15:15	33.90
6/29/2010 15:31	0.41	6/29/2010 15:30	33.90
6/29/2010 15:46	0.38	6/29/2010 15:45	33.90
6/29/2010 16:01	0.34	6/29/2010 16:00	33.90
6/29/2010 16:16	0.31	6/29/2010 16:15	33.89
6/29/2010 16:31	0.28	6/29/2010 16:30	33.88
6/29/2010 16:46	0.25	6/29/2010 16:45	33.88
6/29/2010 17:01	0.22	6/29/2010 17:00	33.88
6/29/2010 17:16	0.20	6/29/2010 17:15	33.88
6/29/2010 17:31	0.18	6/29/2010 17:30	33.87
6/29/2010 17:46	0.16	6/29/2010 17:45	33.88
6/29/2010 18:01	0.15	6/29/2010 18:00	33.88
6/29/2010 18:16	0.15	6/29/2010 18:15	33.89
6/29/2010 18:31	0.15	6/29/2010 18:30	33.90
6/29/2010 18:46	0.16	6/29/2010 18:45	33.91
6/29/2010 19:01	0.17	6/29/2010 19:00	33.91
6/29/2010 19:16	0.18	6/29/2010 19:15	33.92
6/29/2010 19:31	0.19	6/29/2010 19:30	33.93
6/29/2010 19:46	0.21	6/29/2010 19:45	33.93
6/29/2010 20:01	0.24	6/29/2010 20:00	33.95
6/29/2010 20:16	0.27	6/29/2010 20:15	33.95
6/29/2010 20:31	0.30	6/29/2010 20:30	33.96
6/29/2010 20:46	0.33	6/29/2010 20:45	33.97
6/29/2010 21:01	0.36	6/29/2010 21:00	33.97
6/29/2010 21:16	0.39	6/29/2010 21:15	33.97
6/29/2010 21:31	0.41	6/29/2010 21:30	33.97
6/29/2010 21:46	0.43	6/29/2010 21:45	33.98
6/29/2010 22:01	0.45	6/29/2010 22:00	33.99
6/29/2010 22:16	0.47	6/29/2010 22:15	33.99
6/29/2010 22:31	0.48	6/29/2010 22:30	33.99
6/29/2010 22:46	0.49	6/29/2010 22:45	34.00
6/29/2010 23:01	0.50	6/29/2010 23:00	34.00
6/29/2010 23:16	0.51	6/29/2010 23:15	34.00
6/29/2010 23:31	0.51	6/29/2010 23:30	34.00
6/29/2010 23:46	0.52	6/29/2010 23:45	34.01
6/30/2010 0:01	0.51	6/30/2010 0:00	34.02
6/30/2010 0:16	0.51	6/30/2010 0:15	34.03
6/30/2010 0:31	0.50	6/30/2010 0:30	34.04
6/30/2010 0:46	0.48	6/30/2010 0:45	34.04
6/30/2010 1:01	0.47	6/30/2010 1:00	34.04
6/30/2010 1:16	0.46	6/30/2010 1:15	34.04
6/30/2010 1:31	0.44	6/30/2010 1:30	34.04
6/30/2010 1:46	0.41	6/30/2010 1:45	34.04
6/30/2010 2:01	0.39	6/30/2010 2:00	34.05
6/30/2010 2:16	0.36	6/30/2010 2:15	34.07

6/30/2010 2:31	0.34	6/30/2010 2:30	34.07
6/30/2010 2:46	0.32	6/30/2010 2:45	34.07
6/30/2010 3:01	0.29	6/30/2010 3:00	34.08
6/30/2010 3:16	0.27	6/30/2010 3:15	34.09
6/30/2010 3:31	0.25	6/30/2010 3:30	34.08
6/30/2010 3:46	0.24	6/30/2010 3:45	34.10
6/30/2010 4:01	0.23	6/30/2010 4:00	34.11
6/30/2010 4:16	0.21	6/30/2010 4:15	34.11
6/30/2010 4:31	0.20	6/30/2010 4:30	34.11
6/30/2010 4:46	0.18	6/30/2010 4:45	34.12
6/30/2010 5:01	0.17	6/30/2010 5:00	34.13
6/30/2010 5:16	0.16	6/30/2010 5:15	34.13
6/30/2010 5:31	0.15	6/30/2010 5:30	34.14
6/30/2010 5:46	0.16	6/30/2010 5:45	34.14
6/30/2010 6:01	0.16	6/30/2010 6:00	34.15
6/30/2010 6:16	0.17	6/30/2010 6:15	34.15
6/30/2010 6:31	0.18	6/30/2010 6:30	34.15
6/30/2010 6:46	0.18	6/30/2010 6:45	34.16
6/30/2010 7:01	0.19	6/30/2010 7:00	34.17
6/30/2010 7:16	0.20	6/30/2010 7:15	34.17
6/30/2010 7:31	0.21	6/30/2010 7:30	34.17
6/30/2010 7:46	0.24	6/30/2010 7:45	34.17
6/30/2010 8:01	0.27	6/30/2010 8:00	34.17
6/30/2010 8:16	0.28	6/30/2010 8:15	34.18
6/30/2010 8:31	0.31	6/30/2010 8:30	34.19
6/30/2010 8:46	0.33	6/30/2010 8:45	34.19
6/30/2010 9:01	0.36	6/30/2010 9:00	34.19
6/30/2010 9:16	0.39	6/30/2010 9:15	34.19
6/30/2010 9:31	0.41	6/30/2010 9:30	34.19
6/30/2010 9:46	0.42	6/30/2010 9:45	34.19
6/30/2010 10:01	0.44	6/30/2010 10:00	34.19
6/30/2010 10:16	0.45	6/30/2010 10:15	34.20
6/30/2010 10:31	0.46	6/30/2010 10:30	34.19
6/30/2010 10:46	0.47	6/30/2010 10:45	34.19
6/30/2010 11:01	0.48	6/30/2010 11:00	34.19
6/30/2010 11:16	0.48	6/30/2010 11:15	34.19
6/30/2010 11:31	0.48	6/30/2010 11:30	34.19
6/30/2010 11:46	0.48	6/30/2010 11:45	34.19
6/30/2010 12:01	0.47	6/30/2010 12:00	34.19
6/30/2010 12:16	0.47	6/30/2010 12:15	34.19
6/30/2010 12:31	0.46	6/30/2010 12:30	34.18
6/30/2010 12:46	0.45	6/30/2010 12:45	34.18
6/30/2010 13:01	0.44	6/30/2010 13:00	34.18
6/30/2010 13:16	0.43	6/30/2010 13:15	34.17
6/30/2010 13:31	0.42	6/30/2010 13:30	34.17
6/30/2010 13:46	0.41	6/30/2010 13:45	34.17
6/30/2010 14:01	0.39	6/30/2010 14:00	34.16
6/30/2010 14:16	0.37	6/30/2010 14:15	34.16
6/30/2010 14:31	0.34	6/30/2010 14:30	34.16
6/30/2010 14:46	0.31	6/30/2010 14:45	34.16
6/30/2010 15:01	0.29	6/30/2010 15:00	34.16
6/30/2010 15:16	0.27	6/30/2010 15:15	34.16
6/30/2010 15:31	0.24	6/30/2010 15:30	34.15
6/30/2010 15:46	0.22	6/30/2010 15:45	34.14
6/30/2010 16:01	0.19	6/30/2010 16:00	34.14
6/30/2010 16:16	0.17	6/30/2010 16:15	34.13
6/30/2010 16:31	0.15	6/30/2010 16:30	34.13
6/30/2010 16:46	0.14	6/30/2010 16:45	34.11
6/30/2010 17:01	0.13	6/30/2010 17:00	34.12
6/30/2010 17:16	0.12	6/30/2010 17:15	34.11
6/30/2010 17:31	0.11	6/30/2010 17:30	34.11
6/30/2010 17:46	0.10	6/30/2010 17:45	34.10
6/30/2010 18:01	0.10	6/30/2010 18:00	34.11
6/30/2010 18:16	0.10	6/30/2010 18:15	34.11
6/30/2010 18:31	0.11	6/30/2010 18:30	34.11
6/30/2010 18:46	0.12	6/30/2010 18:45	34.11
6/30/2010 19:01	0.14	6/30/2010 19:00	34.12
6/30/2010 19:16	0.17	6/30/2010 19:15	34.11
6/30/2010 19:31	0.20	6/30/2010 19:30	34.12
6/30/2010 19:46	0.22	6/30/2010 19:45	34.11
6/30/2010 20:01	0.26	6/30/2010 20:00	34.11
6/30/2010 20:16	0.30	6/30/2010 20:15	34.11
6/30/2010 20:31	0.34	6/30/2010 20:30	34.12
6/30/2010 20:46	0.38	6/30/2010 20:45	34.12
6/30/2010 21:01	0.41	6/30/2010 21:00	34.14
6/30/2010 21:16	0.45	6/30/2010 21:15	34.14
6/30/2010 21:31	0.49	6/30/2010 21:30	34.14
6/30/2010 21:46	0.53	6/30/2010 21:45	34.14

6/30/2010 22:01	0.57	6/30/2010 22:00	34.16
6/30/2010 22:16	0.60	6/30/2010 22:15	34.17
6/30/2010 22:31	0.63	6/30/2010 22:30	34.18
6/30/2010 22:46	0.67	6/30/2010 22:45	34.18
6/30/2010 23:01	0.69	6/30/2010 23:00	34.18
6/30/2010 23:16	0.72	6/30/2010 23:15	34.18
6/30/2010 23:31	0.74	6/30/2010 23:30	34.18
6/30/2010 23:46	0.76	6/30/2010 23:45	34.19
7/1/2010 0:01	0.77	7/1/2010 0:00	34.19
7/1/2010 0:16	0.78	7/1/2010 0:15	34.20
7/1/2010 0:31	0.79	7/1/2010 0:30	34.21
7/1/2010 0:46	0.79	7/1/2010 0:45	34.21
7/1/2010 1:01	0.79	7/1/2010 1:00	34.21
7/1/2010 1:16	0.79	7/1/2010 1:15	34.21
7/1/2010 1:31	0.78	7/1/2010 1:30	34.21
7/1/2010 1:46	0.77	7/1/2010 1:45	34.22
7/1/2010 2:01	0.75	7/1/2010 2:00	34.22
7/1/2010 2:16	0.74	7/1/2010 2:15	34.23
7/1/2010 2:31	0.72	7/1/2010 2:30	34.22
7/1/2010 2:46	0.70	7/1/2010 2:45	34.22
7/1/2010 3:01	0.68	7/1/2010 3:00	34.22
7/1/2010 3:16	0.66	7/1/2010 3:15	34.22
7/1/2010 3:31	0.64	7/1/2010 3:30	34.22
7/1/2010 3:46	0.63	7/1/2010 3:45	34.23
7/1/2010 4:01	0.61	7/1/2010 4:00	34.23
7/1/2010 4:16	0.59	7/1/2010 4:15	34.23
7/1/2010 4:31	0.56	7/1/2010 4:30	34.24
7/1/2010 4:46	0.54	7/1/2010 4:45	34.24
7/1/2010 5:01	0.52	7/1/2010 5:00	34.25
7/1/2010 5:16	0.50	7/1/2010 5:15	34.26
7/1/2010 5:31	0.49	7/1/2010 5:30	34.25
7/1/2010 5:46	0.47	7/1/2010 5:45	34.26
7/1/2010 6:01	0.46	7/1/2010 6:00	34.26
7/1/2010 6:16	0.45	7/1/2010 6:15	34.27
7/1/2010 6:31	0.44	7/1/2010 6:30	34.27
7/1/2010 6:46	0.43	7/1/2010 6:45	34.27
7/1/2010 7:01	0.42	7/1/2010 7:00	34.28
7/1/2010 7:16	0.42	7/1/2010 7:15	34.28
7/1/2010 7:31	0.43	7/1/2010 7:30	34.29
7/1/2010 7:46	0.44	7/1/2010 7:45	34.30
7/1/2010 8:01	0.44	7/1/2010 8:00	34.30
7/1/2010 8:16	0.44	7/1/2010 8:15	34.30
7/1/2010 8:31	0.46	7/1/2010 8:30	34.30
7/1/2010 8:46	0.48	7/1/2010 8:45	34.30
7/1/2010 9:01	0.49	7/1/2010 9:00	34.30
7/1/2010 9:16	0.51	7/1/2010 9:15	34.30
7/1/2010 9:31	0.53	7/1/2010 9:30	34.30
7/1/2010 9:46	0.55	7/1/2010 9:45	34.30
7/1/2010 10:01	0.57	7/1/2010 10:00	34.29
7/1/2010 10:16	0.57	7/1/2010 10:15	34.29
7/1/2010 10:31	0.58	7/1/2010 10:30	34.29
7/1/2010 10:46	0.59	7/1/2010 10:45	34.27
7/1/2010 11:01	0.59	7/1/2010 11:00	34.28
7/1/2010 11:16	0.60	7/1/2010 11:15	34.28
7/1/2010 11:31	0.60	7/1/2010 11:30	34.27
7/1/2010 11:46	0.60	7/1/2010 11:45	34.27
7/1/2010 12:01	0.60	7/1/2010 12:00	34.27
7/1/2010 12:16	0.60	7/1/2010 12:15	34.26
7/1/2010 12:31	0.59	7/1/2010 12:30	34.27
7/1/2010 12:46	0.58	7/1/2010 12:45	34.26
7/1/2010 13:01	0.57	7/1/2010 13:00	34.27
7/1/2010 13:16	0.56	7/1/2010 13:15	34.25
7/1/2010 13:31	0.55	7/1/2010 13:30	34.26
7/1/2010 13:46	0.53	7/1/2010 13:45	34.25
7/1/2010 14:01	0.52	7/1/2010 14:00	34.25
7/1/2010 14:16	0.50	7/1/2010 14:15	34.24
7/1/2010 14:31	0.48	7/1/2010 14:30	34.25
7/1/2010 14:46	0.46	7/1/2010 14:45	34.24
7/1/2010 15:01	0.44	7/1/2010 15:00	34.23
7/1/2010 15:16	0.42	7/1/2010 15:15	34.24
7/1/2010 15:31	0.40	7/1/2010 15:30	34.23
7/1/2010 15:46	0.37	7/1/2010 15:45	34.24
7/1/2010 16:01	0.33	7/1/2010 16:00	34.23
7/1/2010 16:16	0.29	7/1/2010 16:15	34.23
7/1/2010 16:31	0.26	7/1/2010 16:30	34.23
7/1/2010 16:46	0.22	7/1/2010 16:45	34.23
7/1/2010 17:01	0.19	7/1/2010 17:00	34.23
7/1/2010 17:16	0.16	7/1/2010 17:15	34.22

7/1/2010 17:31	0.13	7/1/2010 17:30	34.22	
7/1/2010 17:46	0.10	7/1/2010 17:45	34.22	
7/1/2010 18:01	0.08	7/1/2010 18:00	34.22	
7/1/2010 18:16	0.06	7/1/2010 18:15	34.22	
7/1/2010 18:31	0.04	7/1/2010 18:30	34.22	
7/1/2010 18:46	0.03	7/1/2010 18:45	34.22	
7/1/2010 19:01	0.01	7/1/2010 19:00	34.23	
7/1/2010 19:16	0.00	7/1/2010 19:15	34.23	
7/1/2010 19:31	0.00	7/1/2010 19:30	34.23	
7/1/2010 19:46	-0.01	7/1/2010 19:45	34.23	
7/1/2010 20:01	0.00	7/1/2010 20:00	34.23	
7/1/2010 20:16	0.01	7/1/2010 20:15	34.23	
7/1/2010 20:31	0.02	7/1/2010 20:30	34.23	
7/1/2010 20:46	0.04	7/1/2010 20:45	34.23	
7/1/2010 21:01	0.06	7/1/2010 21:00	34.23	
7/1/2010 21:16	0.09	7/1/2010 21:15	34.24	
7/1/2010 21:31	0.12	7/1/2010 21:30	34.24	
7/1/2010 21:46	0.15	7/1/2010 21:45	34.25	
7/1/2010 22:01	0.18	7/1/2010 22:00	34.26	
7/1/2010 22:16	0.21	7/1/2010 22:15	34.26	
7/1/2010 22:31	0.23	7/1/2010 22:30	34.27	
7/1/2010 22:46	0.25	7/1/2010 22:45	34.26	
7/1/2010 23:01	0.27	7/1/2010 23:00	34.27	
7/1/2010 23:16	0.29	7/1/2010 23:15	34.27	
7/1/2010 23:31	0.31	7/1/2010 23:30	34.27	
7/1/2010 23:46	0.32	7/1/2010 23:45	34.27	
7/2/2010 0:01	0.34	7/2/2010 0:00	34.27	X
7/2/2010 0:16	0.34	7/2/2010 0:15	34.28	
7/2/2010 0:31	0.35	7/2/2010 0:30	34.27	
7/2/2010 0:46	0.36	7/2/2010 0:45	34.27	
7/2/2010 1:01	0.36	7/2/2010 1:00	34.28	
7/2/2010 1:16	0.36	7/2/2010 1:15	34.28	
7/2/2010 1:31	0.36	7/2/2010 1:30	34.29	
7/2/2010 1:46	0.35	7/2/2010 1:45	34.29	
7/2/2010 2:01	0.34	7/2/2010 2:00	34.29	
7/2/2010 2:16	0.34	7/2/2010 2:15	34.30	
7/2/2010 2:31	0.33	7/2/2010 2:30	34.30	
7/2/2010 2:46	0.32	7/2/2010 2:45	34.30	
7/2/2010 3:01	0.30	7/2/2010 3:00	34.31	
7/2/2010 3:16	0.29	7/2/2010 3:15	34.31	
7/2/2010 3:31	0.27	7/2/2010 3:30	34.31	
7/2/2010 3:46	0.25	7/2/2010 3:45	34.32	
7/2/2010 4:01	0.23	7/2/2010 4:00	34.31	
7/2/2010 4:16	0.21	7/2/2010 4:15	34.31	
7/2/2010 4:31	0.19	7/2/2010 4:30	34.32	
7/2/2010 4:46	0.17	7/2/2010 4:45	34.32	
7/2/2010 5:01	0.15	7/2/2010 5:00	34.32	
7/2/2010 5:16	0.14	7/2/2010 5:15	34.32	
7/2/2010 5:31	0.12	7/2/2010 5:30	34.32	
7/2/2010 5:46	0.11	7/2/2010 5:45	34.31	
7/2/2010 6:01	0.09	7/2/2010 6:00	34.33	
7/2/2010 6:16	0.08	7/2/2010 6:15	34.32	
7/2/2010 6:31	0.07	7/2/2010 6:30	34.33	
7/2/2010 6:46	0.07	7/2/2010 6:45	34.33	
7/2/2010 7:01	0.07	7/2/2010 7:00	34.34	

Table F-2.6

Least-Squares Regression for Estimating BE - PZ-1(I)
Lockheed Martin, Martin State Airport, Middle River, Maryland

Date Time	Water Elevation Feet NAVD88	Date Time	Brometric Pressure Feet of Water	
6/28/2010 14:15	0.47	6/28/2010 14:15	33.60	X
6/28/2010 14:30	0.47	6/28/2010 14:30	33.62	
6/28/2010 14:45	0.47	6/28/2010 14:45	33.64	
6/28/2010 15:00	0.47	6/28/2010 15:00	33.65	
6/28/2010 15:15	0.47	6/28/2010 15:15	33.69	
6/28/2010 15:30	0.46	6/28/2010 15:30	33.68	
6/28/2010 15:45	0.46	6/28/2010 15:45	33.68	
6/28/2010 16:00	0.46	6/28/2010 16:00	33.68	
6/28/2010 16:15	0.46	6/28/2010 16:15	33.68	
6/28/2010 16:30	0.46	6/28/2010 16:30	33.66	
6/28/2010 16:45	0.46	6/28/2010 16:45	33.66	
6/28/2010 17:00	0.45	6/28/2010 17:00	33.64	
6/28/2010 17:15	0.45	6/28/2010 17:15	33.63	
6/28/2010 17:30	0.45	6/28/2010 17:30	33.62	
6/28/2010 17:45	0.45	6/28/2010 17:45	33.64	
6/28/2010 18:00	0.45	6/28/2010 18:00	33.63	
6/28/2010 18:15	0.45	6/28/2010 18:15	33.64	
6/28/2010 18:30	0.45	6/28/2010 18:30	33.63	
6/28/2010 18:45	0.45	6/28/2010 18:45	33.63	
6/28/2010 19:00	0.45	6/28/2010 19:00	33.63	
6/28/2010 19:15	0.46	6/28/2010 19:15	33.64	
6/28/2010 19:30	0.46	6/28/2010 19:30	33.64	
6/28/2010 19:45	0.47	6/28/2010 19:45	33.66	
6/28/2010 20:00	0.47	6/28/2010 20:00	33.65	
6/28/2010 20:15	0.47	6/28/2010 20:15	33.65	
6/28/2010 20:30	0.47	6/28/2010 20:30	33.66	
6/28/2010 20:45	0.47	6/28/2010 20:45	33.67	
6/28/2010 21:00	0.47	6/28/2010 21:00	33.67	
6/28/2010 21:15	0.48	6/28/2010 21:15	33.67	
6/28/2010 21:30	0.48	6/28/2010 21:30	33.68	
6/28/2010 21:45	0.48	6/28/2010 21:45	33.69	
6/28/2010 22:00	0.48	6/28/2010 22:00	33.70	
6/28/2010 22:15	0.48	6/28/2010 22:15	33.71	
6/28/2010 22:30	0.48	6/28/2010 22:30	33.71	
6/28/2010 22:45	0.48	6/28/2010 22:45	33.71	
6/28/2010 23:00	0.48	6/28/2010 23:00	33.71	
6/28/2010 23:15	0.48	6/28/2010 23:15	33.71	
6/28/2010 23:30	0.48	6/28/2010 23:30	33.70	
6/28/2010 23:45	0.48	6/28/2010 23:45	33.71	
6/29/2010 0:00	0.47	6/29/2010 0:00	33.71	
6/29/2010 0:15	0.47	6/29/2010 0:15	33.72	
6/29/2010 0:30	0.47	6/29/2010 0:30	33.72	
6/29/2010 0:45	0.47	6/29/2010 0:45	33.71	
6/29/2010 1:00	0.47	6/29/2010 1:00	33.72	
6/29/2010 1:15	0.46	6/29/2010 1:15	33.72	
6/29/2010 1:30	0.46	6/29/2010 1:30	33.72	
6/29/2010 1:45	0.46	6/29/2010 1:45	33.72	
6/29/2010 2:00	0.46	6/29/2010 2:00	33.72	
6/29/2010 2:15	0.46	6/29/2010 2:15	33.72	
6/29/2010 2:30	0.45	6/29/2010 2:30	33.72	
6/29/2010 2:45	0.45	6/29/2010 2:45	33.73	
6/29/2010 3:00	0.45	6/29/2010 3:00	33.73	
6/29/2010 3:15	0.45	6/29/2010 3:15	33.74	
6/29/2010 3:30	0.45	6/29/2010 3:30	33.74	
6/29/2010 3:45	0.45	6/29/2010 3:45	33.74	
6/29/2010 4:00	0.45	6/29/2010 4:00	33.74	
6/29/2010 4:15	0.45	6/29/2010 4:15	33.75	
6/29/2010 4:30	0.45	6/29/2010 4:30	33.76	
6/29/2010 4:45	0.45	6/29/2010 4:45	33.76	
6/29/2010 5:00	0.45	6/29/2010 5:00	33.77	
6/29/2010 5:15	0.45	6/29/2010 5:15	33.77	
6/29/2010 5:30	0.45	6/29/2010 5:30	33.78	
6/29/2010 5:45	0.46	6/29/2010 5:45	33.79	
6/29/2010 6:00	0.46	6/29/2010 6:00	33.80	
6/29/2010 6:15	0.46	6/29/2010 6:15	33.80	
6/29/2010 6:30	0.47	6/29/2010 6:30	33.81	
6/29/2010 6:45	0.47	6/29/2010 6:45	33.82	
6/29/2010 7:00	0.47	6/29/2010 7:00	33.81	
6/29/2010 7:15	0.47	6/29/2010 7:15	33.83	
6/29/2010 7:30	0.48	6/29/2010 7:30	33.84	
6/29/2010 7:45	0.48	6/29/2010 7:45	33.84	
6/29/2010 8:00	0.48	6/29/2010 8:00	33.84	
6/29/2010 8:15	0.49	6/29/2010 8:15	33.85	
6/29/2010 8:30	0.49	6/29/2010 8:30	33.86	

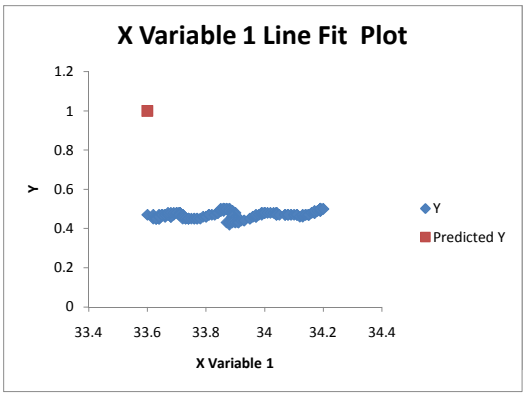
SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.303295181
R Square	0.091987967
Adjusted R Squ	0.086799326
Standard Error	0.017700615
Observations	177

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	0.005554618	0.005554618	17.72872337	4.06821E-05
Residual	175	0.054829563	0.000313312		
Total	176	0.060384181			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	-0.64459548	0.264208463	-2.43972307	0.015696061	-1.16604059	-0.12315038	-1.16604059	-0.12315038
X Variable 1	0.032837374	0.007798834	4.210549059	4.06821E-05	0.017445498	0.04822925	0.017445498	0.04822925



6/29/2010 8:45	0.49	6/29/2010 8:45	33.85
6/29/2010 9:00	0.50	6/29/2010 9:00	33.86
6/29/2010 9:15	0.50	6/29/2010 9:15	33.85
6/29/2010 9:30	0.50	6/29/2010 9:30	33.86
6/29/2010 9:45	0.50	6/29/2010 9:45	33.86
6/29/2010 10:00	0.50	6/29/2010 10:00	33.86
6/29/2010 10:15	0.50	6/29/2010 10:15	33.86
6/29/2010 10:30	0.50	6/29/2010 10:30	33.87
6/29/2010 10:45	0.50	6/29/2010 10:45	33.87
6/29/2010 11:00	0.50	6/29/2010 11:00	33.87
6/29/2010 11:15	0.50	6/29/2010 11:15	33.88
6/29/2010 11:30	0.50	6/29/2010 11:30	33.88
6/29/2010 11:45	0.49	6/29/2010 11:45	33.88
6/29/2010 12:00	0.49	6/29/2010 12:00	33.89
6/29/2010 12:15	0.49	6/29/2010 12:15	33.89
6/29/2010 12:30	0.49	6/29/2010 12:30	33.89
6/29/2010 12:45	0.48	6/29/2010 12:45	33.90
6/29/2010 13:00	0.48	6/29/2010 13:00	33.89
6/29/2010 13:15	0.47	6/29/2010 13:15	33.89
6/29/2010 13:30	0.47	6/29/2010 13:30	33.90
6/29/2010 13:45	0.47	6/29/2010 13:45	33.89
6/29/2010 14:00	0.46	6/29/2010 14:00	33.89
6/29/2010 14:15	0.46	6/29/2010 14:15	33.89
6/29/2010 14:30	0.46	6/29/2010 14:30	33.89
6/29/2010 14:45	0.45	6/29/2010 14:45	33.90
6/29/2010 15:00	0.45	6/29/2010 15:00	33.90
6/29/2010 15:15	0.45	6/29/2010 15:15	33.90
6/29/2010 15:30	0.44	6/29/2010 15:30	33.90
6/29/2010 15:45	0.44	6/29/2010 15:45	33.90
6/29/2010 16:00	0.44	6/29/2010 16:00	33.90
6/29/2010 16:15	0.44	6/29/2010 16:15	33.89
6/29/2010 16:30	0.43	6/29/2010 16:30	33.88
6/29/2010 16:45	0.43	6/29/2010 16:45	33.88
6/29/2010 17:00	0.43	6/29/2010 17:00	33.88
6/29/2010 17:15	0.43	6/29/2010 17:15	33.88
6/29/2010 17:30	0.43	6/29/2010 17:30	33.87
6/29/2010 17:45	0.42	6/29/2010 17:45	33.88
6/29/2010 18:00	0.43	6/29/2010 18:00	33.88
6/29/2010 18:15	0.43	6/29/2010 18:15	33.89
6/29/2010 18:30	0.43	6/29/2010 18:30	33.90
6/29/2010 18:45	0.43	6/29/2010 18:45	33.91
6/29/2010 19:00	0.43	6/29/2010 19:00	33.91
6/29/2010 19:15	0.44	6/29/2010 19:15	33.92
6/29/2010 19:30	0.44	6/29/2010 19:30	33.93
6/29/2010 19:45	0.44	6/29/2010 19:45	33.93
6/29/2010 20:00	0.45	6/29/2010 20:00	33.95
6/29/2010 20:15	0.45	6/29/2010 20:15	33.95
6/29/2010 20:30	0.46	6/29/2010 20:30	33.96
6/29/2010 20:45	0.46	6/29/2010 20:45	33.97
6/29/2010 21:00	0.46	6/29/2010 21:00	33.97
6/29/2010 21:15	0.46	6/29/2010 21:15	33.97
6/29/2010 21:30	0.47	6/29/2010 21:30	33.97
6/29/2010 21:45	0.47	6/29/2010 21:45	33.98
6/29/2010 22:00	0.47	6/29/2010 22:00	33.99
6/29/2010 22:15	0.48	6/29/2010 22:15	33.99
6/29/2010 22:30	0.48	6/29/2010 22:30	33.99
6/29/2010 22:45	0.48	6/29/2010 22:45	34.00
6/29/2010 23:00	0.48	6/29/2010 23:00	34.00
6/29/2010 23:15	0.48	6/29/2010 23:15	34.00
6/29/2010 23:30	0.48	6/29/2010 23:30	34.00
6/29/2010 23:45	0.48	6/29/2010 23:45	34.01
6/30/2010 0:00	0.48	6/30/2010 0:00	34.02
6/30/2010 0:15	0.48	6/30/2010 0:15	34.03
6/30/2010 0:30	0.48	6/30/2010 0:30	34.04
6/30/2010 0:45	0.48	6/30/2010 0:45	34.04
6/30/2010 1:00	0.48	6/30/2010 1:00	34.04
6/30/2010 1:15	0.48	6/30/2010 1:15	34.04
6/30/2010 1:30	0.47	6/30/2010 1:30	34.04
6/30/2010 1:45	0.47	6/30/2010 1:45	34.04
6/30/2010 2:00	0.47	6/30/2010 2:00	34.05
6/30/2010 2:15	0.47	6/30/2010 2:15	34.07
6/30/2010 2:30	0.47	6/30/2010 2:30	34.07
6/30/2010 2:45	0.47	6/30/2010 2:45	34.07
6/30/2010 3:00	0.47	6/30/2010 3:00	34.08
6/30/2010 3:15	0.47	6/30/2010 3:15	34.09
6/30/2010 3:30	0.47	6/30/2010 3:30	34.08
6/30/2010 3:45	0.47	6/30/2010 3:45	34.10
6/30/2010 4:00	0.47	6/30/2010 4:00	34.11
6/30/2010 4:15	0.47	6/30/2010 4:15	34.11
6/30/2010 4:30	0.47	6/30/2010 4:30	34.11
6/30/2010 4:45	0.46	6/30/2010 4:45	34.12
6/30/2010 5:00	0.46	6/30/2010 5:00	34.13
6/30/2010 5:15	0.47	6/30/2010 5:15	34.13
6/30/2010 5:30	0.47	6/30/2010 5:30	34.14
6/30/2010 5:45	0.47	6/30/2010 5:45	34.14

6/30/2010 6:00	0.47	6/30/2010 6:00	34.15	
6/30/2010 6:15	0.47	6/30/2010 6:15	34.15	
6/30/2010 6:30	0.47	6/30/2010 6:30	34.15	
6/30/2010 6:45	0.48	6/30/2010 6:45	34.16	
6/30/2010 7:00	0.48	6/30/2010 7:00	34.17	
6/30/2010 7:15	0.48	6/30/2010 7:15	34.17	
6/30/2010 7:30	0.48	6/30/2010 7:30	34.17	
6/30/2010 7:45	0.48	6/30/2010 7:45	34.17	
6/30/2010 8:00	0.49	6/30/2010 8:00	34.17	
6/30/2010 8:15	0.49	6/30/2010 8:15	34.18	
6/30/2010 8:30	0.49	6/30/2010 8:30	34.19	
6/30/2010 8:45	0.49	6/30/2010 8:45	34.19	
6/30/2010 9:00	0.50	6/30/2010 9:00	34.19	
6/30/2010 9:15	0.50	6/30/2010 9:15	34.19	
6/30/2010 9:30	0.50	6/30/2010 9:30	34.19	
6/30/2010 9:45	0.50	6/30/2010 9:45	34.19	
6/30/2010 10:00	0.50	6/30/2010 10:00	34.19	
6/30/2010 10:15	0.50	6/30/2010 10:15	34.20	X

Table F-2.7

Least-Squares Regression for Estimating BE - PZ-2(D)
Lockheed Martin, Martin State Airport, Middle River, Maryland

Date Time	Water Elevation Feet NAVD88	Date Time	Brometric Pressure Feet of Water
6/28/2010 14:00	0.97	6/28/2010 14:00	33.60
6/28/2010 14:15	0.94	6/28/2010 14:15	33.60
6/28/2010 14:30	0.89	6/28/2010 14:30	33.62
6/28/2010 14:45	0.83	6/28/2010 14:45	33.64
6/28/2010 15:00	0.75	6/28/2010 15:00	33.65
6/28/2010 15:15	0.65	6/28/2010 15:15	33.69
6/28/2010 15:30	0.56	6/28/2010 15:30	33.68
6/28/2010 15:45	0.47	6/28/2010 15:45	33.68
6/28/2010 16:00	0.51	6/28/2010 16:00	33.68
6/28/2010 16:15	0.59	6/28/2010 16:15	33.68
6/28/2010 16:30	0.56	6/28/2010 16:30	33.66
6/28/2010 16:45	0.53	6/28/2010 16:45	33.66
6/28/2010 17:00	0.48	6/28/2010 17:00	33.64
6/28/2010 17:15	0.42	6/28/2010 17:15	33.63
6/28/2010 17:30	0.41	6/28/2010 17:30	33.62
6/28/2010 17:45	0.47	6/28/2010 17:45	33.64
6/28/2010 18:00	0.49	6/28/2010 18:00	33.63
6/28/2010 18:15	0.46	6/28/2010 18:15	33.64
6/28/2010 18:30	0.49	6/28/2010 18:30	33.63
6/28/2010 18:45	0.52	6/28/2010 18:45	33.63
6/28/2010 19:00	0.55	6/28/2010 19:00	33.63
6/28/2010 19:15	0.66	6/28/2010 19:15	33.64
6/28/2010 19:30	0.71	6/28/2010 19:30	33.64
6/28/2010 19:45	0.76	6/28/2010 19:45	33.66
6/28/2010 20:00	0.77	6/28/2010 20:00	33.65
6/28/2010 20:15	0.76	6/28/2010 20:15	33.65
6/28/2010 20:30	0.79	6/28/2010 20:30	33.66
6/28/2010 20:45	0.80	6/28/2010 20:45	33.67
6/28/2010 21:00	0.82	6/28/2010 21:00	33.67
6/28/2010 21:15	0.87	6/28/2010 21:15	33.67
6/28/2010 21:30	0.87	6/28/2010 21:30	33.68
6/28/2010 21:45	0.88	6/28/2010 21:45	33.69
6/28/2010 22:00	0.91	6/28/2010 22:00	33.70
6/28/2010 22:15	0.91	6/28/2010 22:15	33.71
6/28/2010 22:30	0.87	6/28/2010 22:30	33.71
6/28/2010 22:45	0.83	6/28/2010 22:45	33.71
6/28/2010 23:00	0.80	6/28/2010 23:00	33.71
6/28/2010 23:15	0.75	6/28/2010 23:15	33.71
6/28/2010 23:30	0.73	6/28/2010 23:30	33.70
6/28/2010 23:45	0.72	6/28/2010 23:45	33.71
6/29/2010 0:00	0.69	6/29/2010 0:00	33.71
6/29/2010 0:15	0.65	6/29/2010 0:15	33.72
6/29/2010 0:30	0.62	6/29/2010 0:30	33.72
6/29/2010 0:45	0.58	6/29/2010 0:45	33.71
6/29/2010 1:00	0.53	6/29/2010 1:00	33.72
6/29/2010 1:15	0.49	6/29/2010 1:15	33.72
6/29/2010 1:30	0.46	6/29/2010 1:30	33.72
6/29/2010 1:45	0.42	6/29/2010 1:45	33.72
6/29/2010 2:00	0.38	6/29/2010 2:00	33.72
6/29/2010 2:15	0.35	6/29/2010 2:15	33.72
6/29/2010 2:30	0.30	6/29/2010 2:30	33.72
6/29/2010 2:45	0.27	6/29/2010 2:45	33.73
6/29/2010 3:00	0.24	6/29/2010 3:00	33.73
6/29/2010 3:15	0.22	6/29/2010 3:15	33.74
6/29/2010 3:30	0.20	6/29/2010 3:30	33.74
6/29/2010 3:45	0.18	6/29/2010 3:45	33.74
6/29/2010 4:00	0.17	6/29/2010 4:00	33.74
6/29/2010 4:15	0.16	6/29/2010 4:15	33.75
6/29/2010 4:30	0.16	6/29/2010 4:30	33.76
6/29/2010 4:45	0.19	6/29/2010 4:45	33.76
6/29/2010 5:00	0.21	6/29/2010 5:00	33.77
6/29/2010 5:15	0.23	6/29/2010 5:15	33.77
6/29/2010 5:30	0.27	6/29/2010 5:30	33.78
6/29/2010 5:45	0.29	6/29/2010 5:45	33.79
6/29/2010 6:00	0.33	6/29/2010 6:00	33.80
6/29/2010 6:15	0.38	6/29/2010 6:15	33.80
6/29/2010 6:30	0.41	6/29/2010 6:30	33.81

X

SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.55836882
R Square	0.31177574
Adjusted R S	0.30786538
Standard Err	0.26629167
Observations	178

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	5.65379666	5.65379666	79.7305966	5.5802E-16
Residual	176	12.4803809	0.07091125		
Total	177	18.1341775			

	Coefficients	*Standard Erro*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	35.622225	3.9454048	9.02878837	3E-16	27.8358331	43.4086169	27.8358331	43.4086169
X Variable 1	-1.0399369	0.11646474	-8.9291991	5.5802E-16	-1.269784	-0.8100897	-1.269784	-0.8100897

6/29/2010 6:45	0.46	6/29/2010 6:45	33.82
6/29/2010 7:00	0.50	6/29/2010 7:00	33.81
6/29/2010 7:15	0.54	6/29/2010 7:15	33.83
6/29/2010 7:30	0.61	6/29/2010 7:30	33.84
6/29/2010 7:45	0.65	6/29/2010 7:45	33.84
6/29/2010 8:00	0.69	6/29/2010 8:00	33.84
6/29/2010 8:15	0.74	6/29/2010 8:15	33.85
6/29/2010 8:30	0.76	6/29/2010 8:30	33.86
6/29/2010 8:45	0.80	6/29/2010 8:45	33.85
6/29/2010 9:00	0.84	6/29/2010 9:00	33.86
6/29/2010 9:15	0.88	6/29/2010 9:15	33.85
6/29/2010 9:30	0.91	6/29/2010 9:30	33.86
6/29/2010 9:45	0.94	6/29/2010 9:45	33.86
6/29/2010 10:00	0.95	6/29/2010 10:00	33.86
6/29/2010 10:15	0.95	6/29/2010 10:15	33.86
6/29/2010 10:30	0.94	6/29/2010 10:30	33.87
6/29/2010 10:45	0.92	6/29/2010 10:45	33.87
6/29/2010 11:00	0.90	6/29/2010 11:00	33.87
6/29/2010 11:15	0.87	6/29/2010 11:15	33.88
6/29/2010 11:30	0.85	6/29/2010 11:30	33.88
6/29/2010 11:45	0.83	6/29/2010 11:45	33.88
6/29/2010 12:00	0.78	6/29/2010 12:00	33.89
6/29/2010 12:15	0.74	6/29/2010 12:15	33.89
6/29/2010 12:30	0.68	6/29/2010 12:30	33.89
6/29/2010 12:45	0.62	6/29/2010 12:45	33.90
6/29/2010 13:00	0.58	6/29/2010 13:00	33.89
6/29/2010 13:15	0.53	6/29/2010 13:15	33.89
6/29/2010 13:30	0.47	6/29/2010 13:30	33.90
6/29/2010 13:45	0.42	6/29/2010 13:45	33.89
6/29/2010 14:00	0.37	6/29/2010 14:00	33.89
6/29/2010 14:15	0.33	6/29/2010 14:15	33.89
6/29/2010 14:30	0.28	6/29/2010 14:30	33.89
6/29/2010 14:45	0.21	6/29/2010 14:45	33.90
6/29/2010 15:00	0.18	6/29/2010 15:00	33.90
6/29/2010 15:15	0.14	6/29/2010 15:15	33.90
6/29/2010 15:30	0.09	6/29/2010 15:30	33.90
6/29/2010 15:45	0.04	6/29/2010 15:45	33.90
6/29/2010 16:00	0.00	6/29/2010 16:00	33.90
6/29/2010 16:15	-0.03	6/29/2010 16:15	33.89
6/29/2010 16:30	-0.07	6/29/2010 16:30	33.88
6/29/2010 16:45	-0.12	6/29/2010 16:45	33.88
6/29/2010 17:00	-0.15	6/29/2010 17:00	33.88
6/29/2010 17:15	-0.16	6/29/2010 17:15	33.88
6/29/2010 17:30	-0.17	6/29/2010 17:30	33.87
6/29/2010 17:45	-0.16	6/29/2010 17:45	33.88
6/29/2010 18:00	-0.13	6/29/2010 18:00	33.88
6/29/2010 18:15	-0.10	6/29/2010 18:15	33.89
6/29/2010 18:30	-0.08	6/29/2010 18:30	33.90
6/29/2010 18:45	-0.08	6/29/2010 18:45	33.91
6/29/2010 19:00	-0.05	6/29/2010 19:00	33.91
6/29/2010 19:15	-0.02	6/29/2010 19:15	33.92
6/29/2010 19:30	0.01	6/29/2010 19:30	33.93
6/29/2010 19:45	0.06	6/29/2010 19:45	33.93
6/29/2010 20:00	0.13	6/29/2010 20:00	33.95
6/29/2010 20:15	0.18	6/29/2010 20:15	33.95
6/29/2010 20:30	0.22	6/29/2010 20:30	33.96
6/29/2010 20:45	0.26	6/29/2010 20:45	33.97
6/29/2010 21:00	0.30	6/29/2010 21:00	33.97
6/29/2010 21:15	0.34	6/29/2010 21:15	33.97
6/29/2010 21:30	0.37	6/29/2010 21:30	33.97
6/29/2010 21:45	0.40	6/29/2010 21:45	33.98
6/29/2010 22:00	0.43	6/29/2010 22:00	33.99
6/29/2010 22:15	0.44	6/29/2010 22:15	33.99
6/29/2010 22:30	0.44	6/29/2010 22:30	33.99
6/29/2010 22:45	0.46	6/29/2010 22:45	34.00
6/29/2010 23:00	0.46	6/29/2010 23:00	34.00
6/29/2010 23:15	0.47	6/29/2010 23:15	34.00
6/29/2010 23:30	0.46	6/29/2010 23:30	34.00
6/29/2010 23:45	0.44	6/29/2010 23:45	34.01
6/30/2010 0:00	0.41	6/30/2010 0:00	34.02
6/30/2010 0:15	0.38	6/30/2010 0:15	34.03
6/30/2010 0:30	0.37	6/30/2010 0:30	34.04
6/30/2010 0:45	0.34	6/30/2010 0:45	34.04
6/30/2010 1:00	0.32	6/30/2010 1:00	34.04
6/30/2010 1:15	0.28	6/30/2010 1:15	34.04
6/30/2010 1:30	0.21	6/30/2010 1:30	34.04
6/30/2010 1:45	0.16	6/30/2010 1:45	34.04
6/30/2010 2:00	0.13	6/30/2010 2:00	34.05

6/30/2010 2:15	0.09	6/30/2010 2:15	34.07	
6/30/2010 2:30	0.06	6/30/2010 2:30	34.07	
6/30/2010 2:45	0.04	6/30/2010 2:45	34.07	
6/30/2010 3:00	0.01	6/30/2010 3:00	34.08	
6/30/2010 3:15	-0.01	6/30/2010 3:15	34.09	
6/30/2010 3:30	-0.01	6/30/2010 3:30	34.08	
6/30/2010 3:45	-0.02	6/30/2010 3:45	34.10	
6/30/2010 4:00	-0.04	6/30/2010 4:00	34.11	
6/30/2010 4:15	-0.06	6/30/2010 4:15	34.11	
6/30/2010 4:30	-0.09	6/30/2010 4:30	34.11	
6/30/2010 4:45	-0.12	6/30/2010 4:45	34.12	
6/30/2010 5:00	-0.13	6/30/2010 5:00	34.13	
6/30/2010 5:15	-0.11	6/30/2010 5:15	34.13	
6/30/2010 5:30	-0.08	6/30/2010 5:30	34.14	
6/30/2010 5:45	-0.05	6/30/2010 5:45	34.14	
6/30/2010 6:00	-0.04	6/30/2010 6:00	34.15	
6/30/2010 6:15	-0.03	6/30/2010 6:15	34.15	
6/30/2010 6:30	-0.03	6/30/2010 6:30	34.15	
6/30/2010 6:45	-0.01	6/30/2010 6:45	34.16	
6/30/2010 7:00	0.01	6/30/2010 7:00	34.17	
6/30/2010 7:15	0.04	6/30/2010 7:15	34.17	
6/30/2010 7:30	0.08	6/30/2010 7:30	34.17	
6/30/2010 7:45	0.12	6/30/2010 7:45	34.17	
6/30/2010 8:00	0.16	6/30/2010 8:00	34.17	
6/30/2010 8:15	0.20	6/30/2010 8:15	34.18	
6/30/2010 8:30	0.24	6/30/2010 8:30	34.19	
6/30/2010 8:45	0.27	6/30/2010 8:45	34.19	
6/30/2010 9:00	0.32	6/30/2010 9:00	34.19	
6/30/2010 9:15	0.34	6/30/2010 9:15	34.19	
6/30/2010 9:30	0.37	6/30/2010 9:30	34.19	
6/30/2010 9:45	0.40	6/30/2010 9:45	34.19	
6/30/2010 10:00	0.41	6/30/2010 10:00	34.19	
6/30/2010 10:15	0.42	6/30/2010 10:15	34.20	X

Table F-2.8

Least-Squares Regression for Estimating BE - PZ-2(S)
Lockheed Martin, Martin State Airport, Middle River, Maryland

Date Time	Water Elevation Feet NAVD88	Date Time	Brometric Pressure Feet of Water
6/28/2010 14:01	0.73	6/28/2010 14:00	33.60
6/28/2010 14:16	0.69	6/28/2010 14:15	33.60
6/28/2010 14:31	0.65	6/28/2010 14:30	33.62
6/28/2010 14:46	0.59	6/28/2010 14:45	33.64
6/28/2010 15:01	0.52	6/28/2010 15:00	33.65
6/28/2010 15:16	0.43	6/28/2010 15:15	33.69
6/28/2010 15:31	0.34	6/28/2010 15:30	33.68
6/28/2010 15:46	0.25	6/28/2010 15:45	33.68
6/28/2010 16:01	0.21	6/28/2010 16:00	33.68
6/28/2010 16:16	0.27	6/28/2010 16:15	33.68
6/28/2010 16:31	0.29	6/28/2010 16:30	33.66
6/28/2010 16:46	0.27	6/28/2010 16:45	33.66
6/28/2010 17:01	0.23	6/28/2010 17:00	33.64
6/28/2010 17:16	0.18	6/28/2010 17:15	33.63
6/28/2010 17:31	0.14	6/28/2010 17:30	33.62
6/28/2010 17:46	0.15	6/28/2010 17:45	33.64
6/28/2010 18:01	0.19	6/28/2010 18:00	33.63
6/28/2010 18:16	0.19	6/28/2010 18:15	33.64
6/28/2010 18:31	0.19	6/28/2010 18:30	33.63
6/28/2010 18:46	0.22	6/28/2010 18:45	33.63
6/28/2010 19:01	0.25	6/28/2010 19:00	33.63
6/28/2010 19:16	0.31	6/28/2010 19:15	33.64
6/28/2010 19:31	0.39	6/28/2010 19:30	33.64
6/28/2010 19:46	0.44	6/28/2010 19:45	33.66
6/28/2010 20:01	0.48	6/28/2010 20:00	33.65
6/28/2010 20:16	0.48	6/28/2010 20:15	33.65
6/28/2010 20:31	0.50	6/28/2010 20:30	33.66
6/28/2010 20:46	0.52	6/28/2010 20:45	33.67
6/28/2010 21:01	0.53	6/28/2010 21:00	33.67
6/28/2010 21:16	0.56	6/28/2010 21:15	33.67
6/28/2010 21:31	0.59	6/28/2010 21:30	33.68
6/28/2010 21:46	0.60	6/28/2010 21:45	33.69
6/28/2010 22:01	0.62	6/28/2010 22:00	33.70
6/28/2010 22:16	0.63	6/28/2010 22:15	33.71
6/28/2010 22:31	0.62	6/28/2010 22:30	33.71
6/28/2010 22:46	0.59	6/28/2010 22:45	33.71
6/28/2010 23:01	0.55	6/28/2010 23:00	33.71
6/28/2010 23:16	0.51	6/28/2010 23:15	33.71
6/28/2010 23:31	0.47	6/28/2010 23:30	33.70
6/28/2010 23:46	0.46	6/28/2010 23:45	33.71
6/29/2010 0:01	0.43	6/29/2010 0:00	33.71
6/29/2010 0:16	0.40	6/29/2010 0:15	33.72
6/29/2010 0:31	0.37	6/29/2010 0:30	33.72
6/29/2010 0:46	0.33	6/29/2010 0:45	33.71
6/29/2010 1:01	0.29	6/29/2010 1:00	33.72
6/29/2010 1:16	0.24	6/29/2010 1:15	33.72
6/29/2010 1:31	0.21	6/29/2010 1:30	33.72
6/29/2010 1:46	0.17	6/29/2010 1:45	33.72
6/29/2010 2:01	0.13	6/29/2010 2:00	33.72
6/29/2010 2:16	0.10	6/29/2010 2:15	33.72
6/29/2010 2:31	0.06	6/29/2010 2:30	33.72
6/29/2010 2:46	0.01	6/29/2010 2:45	33.73
6/29/2010 3:01	-0.02	6/29/2010 3:00	33.73
6/29/2010 3:16	-0.05	6/29/2010 3:15	33.74
6/29/2010 3:31	-0.07	6/29/2010 3:30	33.74
6/29/2010 3:46	-0.09	6/29/2010 3:45	33.74
6/29/2010 4:01	-0.11	6/29/2010 4:00	33.74
6/29/2010 4:16	-0.12	6/29/2010 4:15	33.75
6/29/2010 4:31	-0.12	6/29/2010 4:30	33.76
6/29/2010 4:46	-0.11	6/29/2010 4:45	33.76
6/29/2010 5:01	-0.09	6/29/2010 5:00	33.77
6/29/2010 5:16	-0.07	6/29/2010 5:15	33.77
6/29/2010 5:31	-0.04	6/29/2010 5:30	33.78
6/29/2010 5:46	-0.01	6/29/2010 5:45	33.79
6/29/2010 6:01	0.03	6/29/2010 6:00	33.80

X

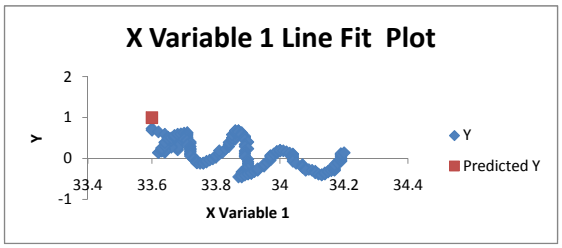
SUMMARY OUTPUT

Regression Statistics	
Multiple R	0.561650287
R Square	0.315451045
Adjusted R Sqı	0.311561563
Standard Error	0.269573028
Observations	178

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	5.893767531	5.893767531	81.10359911	3.46381E-16
Residual	176	12.78985269	0.072669618		
Total	177	18.68362022			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	36.08725464	3.994021701	9.035317616	2.88013E-16	28.20491562	43.96959365	28.20491562	43.96959365
X Variable 1	-1.061777159	0.117899867	-9.005753667	3.46381E-16	-1.294456596	-0.829097722	-1.294456596	-0.829097722



6/29/2010 6:16	0.07	6/29/2010 6:15	33.80
6/29/2010 6:31	0.11	6/29/2010 6:30	33.81
6/29/2010 6:46	0.15	6/29/2010 6:45	33.82
6/29/2010 7:01	0.19	6/29/2010 7:00	33.81
6/29/2010 7:16	0.23	6/29/2010 7:15	33.83
6/29/2010 7:31	0.29	6/29/2010 7:30	33.84
6/29/2010 7:46	0.34	6/29/2010 7:45	33.84
6/29/2010 8:01	0.39	6/29/2010 8:00	33.84
6/29/2010 8:16	0.43	6/29/2010 8:15	33.85
6/29/2010 8:31	0.47	6/29/2010 8:30	33.86
6/29/2010 8:46	0.50	6/29/2010 8:45	33.85
6/29/2010 9:01	0.54	6/29/2010 9:00	33.86
6/29/2010 9:16	0.58	6/29/2010 9:15	33.85
6/29/2010 9:31	0.61	6/29/2010 9:30	33.86
6/29/2010 9:46	0.65	6/29/2010 9:45	33.86
6/29/2010 10:01	0.67	6/29/2010 10:00	33.86
6/29/2010 10:16	0.68	6/29/2010 10:15	33.86
6/29/2010 10:31	0.68	6/29/2010 10:30	33.87
6/29/2010 10:46	0.67	6/29/2010 10:45	33.87
6/29/2010 11:01	0.65	6/29/2010 11:00	33.87
6/29/2010 11:16	0.63	6/29/2010 11:15	33.88
6/29/2010 11:31	0.60	6/29/2010 11:30	33.88
6/29/2010 11:46	0.58	6/29/2010 11:45	33.88
6/29/2010 12:01	0.54	6/29/2010 12:00	33.89
6/29/2010 12:16	0.50	6/29/2010 12:15	33.89
6/29/2010 12:31	0.45	6/29/2010 12:30	33.89
6/29/2010 12:46	0.40	6/29/2010 12:45	33.90
6/29/2010 13:01	0.34	6/29/2010 13:00	33.89
6/29/2010 13:16	0.29	6/29/2010 13:15	33.89
6/29/2010 13:31	0.24	6/29/2010 13:30	33.90
6/29/2010 13:46	0.18	6/29/2010 13:45	33.89
6/29/2010 14:01	0.13	6/29/2010 14:00	33.89
6/29/2010 14:16	0.08	6/29/2010 14:15	33.89
6/29/2010 14:31	0.04	6/29/2010 14:30	33.89
6/29/2010 14:46	-0.02	6/29/2010 14:45	33.90
6/29/2010 15:01	-0.08	6/29/2010 15:00	33.90
6/29/2010 15:16	-0.12	6/29/2010 15:15	33.90
6/29/2010 15:31	-0.16	6/29/2010 15:30	33.90
6/29/2010 15:46	-0.21	6/29/2010 15:45	33.90
6/29/2010 16:01	-0.25	6/29/2010 16:00	33.90
6/29/2010 16:16	-0.29	6/29/2010 16:15	33.89
6/29/2010 16:31	-0.33	6/29/2010 16:30	33.88
6/29/2010 16:46	-0.37	6/29/2010 16:45	33.88
6/29/2010 17:01	-0.41	6/29/2010 17:00	33.88
6/29/2010 17:16	-0.44	6/29/2010 17:15	33.88
6/29/2010 17:31	-0.45	6/29/2010 17:30	33.87
6/29/2010 17:46	-0.45	6/29/2010 17:45	33.88
6/29/2010 18:01	-0.43	6/29/2010 18:00	33.88
6/29/2010 18:16	-0.41	6/29/2010 18:15	33.89
6/29/2010 18:31	-0.38	6/29/2010 18:30	33.90
6/29/2010 18:46	-0.37	6/29/2010 18:45	33.91
6/29/2010 19:01	-0.35	6/29/2010 19:00	33.91
6/29/2010 19:16	-0.32	6/29/2010 19:15	33.92
6/29/2010 19:31	-0.29	6/29/2010 19:30	33.93
6/29/2010 19:46	-0.25	6/29/2010 19:45	33.93
6/29/2010 20:01	-0.19	6/29/2010 20:00	33.95
6/29/2010 20:16	-0.14	6/29/2010 20:15	33.95
6/29/2010 20:31	-0.09	6/29/2010 20:30	33.96
6/29/2010 20:46	-0.04	6/29/2010 20:45	33.97
6/29/2010 21:01	0.00	6/29/2010 21:00	33.97
6/29/2010 21:16	0.04	6/29/2010 21:15	33.97
6/29/2010 21:31	0.07	6/29/2010 21:30	33.97
6/29/2010 21:46	0.11	6/29/2010 21:45	33.98
6/29/2010 22:01	0.13	6/29/2010 22:00	33.99
6/29/2010 22:16	0.16	6/29/2010 22:15	33.99
6/29/2010 22:31	0.17	6/29/2010 22:30	33.99
6/29/2010 22:46	0.18	6/29/2010 22:45	34.00
6/29/2010 23:01	0.19	6/29/2010 23:00	34.00
6/29/2010 23:16	0.19	6/29/2010 23:15	34.00
6/29/2010 23:31	0.20	6/29/2010 23:30	34.00
6/29/2010 23:46	0.19	6/29/2010 23:45	34.01
6/30/2010 0:01	0.16	6/30/2010 0:00	34.02
6/30/2010 0:16	0.13	6/30/2010 0:15	34.03
6/30/2010 0:31	0.11	6/30/2010 0:30	34.04
6/30/2010 0:46	0.09	6/30/2010 0:45	34.04
6/30/2010 1:01	0.06	6/30/2010 1:00	34.04
6/30/2010 1:16	0.03	6/30/2010 1:15	34.04
6/30/2010 1:31	-0.02	6/30/2010 1:30	34.04

6/30/2010 1:46	-0.07	6/30/2010 1:45	34.04	
6/30/2010 2:01	-0.12	6/30/2010 2:00	34.05	
6/30/2010 2:16	-0.15	6/30/2010 2:15	34.07	
6/30/2010 2:31	-0.19	6/30/2010 2:30	34.07	
6/30/2010 2:46	-0.22	6/30/2010 2:45	34.07	
6/30/2010 3:01	-0.25	6/30/2010 3:00	34.08	
6/30/2010 3:16	-0.27	6/30/2010 3:15	34.09	
6/30/2010 3:31	-0.29	6/30/2010 3:30	34.08	
6/30/2010 3:46	-0.29	6/30/2010 3:45	34.10	
6/30/2010 4:01	-0.31	6/30/2010 4:00	34.11	
6/30/2010 4:16	-0.33	6/30/2010 4:15	34.11	
6/30/2010 4:31	-0.35	6/30/2010 4:30	34.11	
6/30/2010 4:46	-0.38	6/30/2010 4:45	34.12	
6/30/2010 5:01	-0.40	6/30/2010 5:00	34.13	
6/30/2010 5:16	-0.40	6/30/2010 5:15	34.13	
6/30/2010 5:31	-0.38	6/30/2010 5:30	34.14	
6/30/2010 5:46	-0.35	6/30/2010 5:45	34.14	
6/30/2010 6:01	-0.33	6/30/2010 6:00	34.15	
6/30/2010 6:16	-0.32	6/30/2010 6:15	34.15	
6/30/2010 6:31	-0.31	6/30/2010 6:30	34.15	
6/30/2010 6:46	-0.30	6/30/2010 6:45	34.16	
6/30/2010 7:01	-0.29	6/30/2010 7:00	34.17	
6/30/2010 7:16	-0.26	6/30/2010 7:15	34.17	
6/30/2010 7:31	-0.23	6/30/2010 7:30	34.17	
6/30/2010 7:46	-0.19	6/30/2010 7:45	34.17	
6/30/2010 8:01	-0.15	6/30/2010 8:00	34.17	
6/30/2010 8:16	-0.11	6/30/2010 8:15	34.18	
6/30/2010 8:31	-0.07	6/30/2010 8:30	34.19	
6/30/2010 8:46	-0.04	6/30/2010 8:45	34.19	
6/30/2010 9:01	0.01	6/30/2010 9:00	34.19	
6/30/2010 9:16	0.05	6/30/2010 9:15	34.19	
6/30/2010 9:31	0.08	6/30/2010 9:30	34.19	
6/30/2010 9:46	0.10	6/30/2010 9:45	34.19	
6/30/2010 10:01	0.12	6/30/2010 10:00	34.19	
6/30/2010 10:16	0.14	6/30/2010 10:15	34.20	X

Table F-2.9

Least-Squares Regression for Estimating BE - PZ-2(I)
Lockheed Martin, Martin State Airport, Middle River, Maryland

Date Time	Water Elevation Feet NAVD88	Date Time	Brometric Pressure Feet of Water
6/28/2010 14:00	0.96	6/28/2010 14:00	33.60
6/28/2010 14:15	0.92	6/28/2010 14:15	33.60
6/28/2010 14:30	0.87	6/28/2010 14:30	33.62
6/28/2010 14:45	0.81	6/28/2010 14:45	33.64
6/28/2010 15:00	0.73	6/28/2010 15:00	33.65
6/28/2010 15:15	0.63	6/28/2010 15:15	33.69
6/28/2010 15:30	0.54	6/28/2010 15:30	33.68
6/28/2010 15:45	0.45	6/28/2010 15:45	33.68
6/28/2010 16:00	0.47	6/28/2010 16:00	33.68
6/28/2010 16:15	0.56	6/28/2010 16:15	33.68
6/28/2010 16:30	0.53	6/28/2010 16:30	33.66
6/28/2010 16:45	0.51	6/28/2010 16:45	33.66
6/28/2010 17:00	0.46	6/28/2010 17:00	33.64
6/28/2010 17:15	0.40	6/28/2010 17:15	33.63
6/28/2010 17:30	0.37	6/28/2010 17:30	33.62
6/28/2010 17:45	0.43	6/28/2010 17:45	33.64
6/28/2010 18:00	0.46	6/28/2010 18:00	33.63
6/28/2010 18:15	0.43	6/28/2010 18:15	33.64
6/28/2010 18:30	0.45	6/28/2010 18:30	33.63
6/28/2010 18:45	0.49	6/28/2010 18:45	33.63
6/28/2010 19:00	0.52	6/28/2010 19:00	33.63
6/28/2010 19:15	0.61	6/28/2010 19:15	33.64
6/28/2010 19:30	0.68	6/28/2010 19:30	33.64
6/28/2010 19:45	0.73	6/28/2010 19:45	33.66
6/28/2010 20:00	0.74	6/28/2010 20:00	33.65
6/28/2010 20:15	0.74	6/28/2010 20:15	33.65
6/28/2010 20:30	0.76	6/28/2010 20:30	33.66
6/28/2010 20:45	0.78	6/28/2010 20:45	33.67
6/28/2010 21:00	0.79	6/28/2010 21:00	33.67
6/28/2010 21:15	0.84	6/28/2010 21:15	33.67
6/28/2010 21:30	0.85	6/28/2010 21:30	33.68
6/28/2010 21:45	0.86	6/28/2010 21:45	33.69
6/28/2010 22:00	0.88	6/28/2010 22:00	33.70
6/28/2010 22:15	0.89	6/28/2010 22:15	33.71
6/28/2010 22:30	0.86	6/28/2010 22:30	33.71
6/28/2010 22:45	0.82	6/28/2010 22:45	33.71
6/28/2010 23:00	0.78	6/28/2010 23:00	33.71
6/28/2010 23:15	0.74	6/28/2010 23:15	33.71
6/28/2010 23:30	0.71	6/28/2010 23:30	33.70
6/28/2010 23:45	0.70	6/28/2010 23:45	33.71
6/29/2010 0:00	0.67	6/29/2010 0:00	33.71
6/29/2010 0:15	0.63	6/29/2010 0:15	33.72
6/29/2010 0:30	0.60	6/29/2010 0:30	33.72
6/29/2010 0:45	0.56	6/29/2010 0:45	33.71
6/29/2010 1:00	0.51	6/29/2010 1:00	33.72
6/29/2010 1:15	0.47	6/29/2010 1:15	33.72
6/29/2010 1:30	0.44	6/29/2010 1:30	33.72
6/29/2010 1:45	0.40	6/29/2010 1:45	33.72
6/29/2010 2:00	0.36	6/29/2010 2:00	33.72
6/29/2010 2:15	0.32	6/29/2010 2:15	33.72
6/29/2010 2:30	0.28	6/29/2010 2:30	33.72
6/29/2010 2:45	0.24	6/29/2010 2:45	33.73
6/29/2010 3:00	0.21	6/29/2010 3:00	33.73
6/29/2010 3:15	0.19	6/29/2010 3:15	33.74
6/29/2010 3:30	0.17	6/29/2010 3:30	33.74
6/29/2010 3:45	0.15	6/29/2010 3:45	33.74
6/29/2010 4:00	0.13	6/29/2010 4:00	33.74
6/29/2010 4:15	0.13	6/29/2010 4:15	33.75
6/29/2010 4:30	0.13	6/29/2010 4:30	33.76
6/29/2010 4:45	0.15	6/29/2010 4:45	33.76
6/29/2010 5:00	0.17	6/29/2010 5:00	33.77
6/29/2010 5:15	0.20	6/29/2010 5:15	33.77
6/29/2010 5:30	0.23	6/29/2010 5:30	33.78
6/29/2010 5:45	0.26	6/29/2010 5:45	33.79
6/29/2010 6:00	0.30	6/29/2010 6:00	33.80
6/29/2010 6:15	0.35	6/29/2010 6:15	33.80
6/29/2010 6:30	0.38	6/29/2010 6:30	33.81
6/29/2010 6:45	0.43	6/29/2010 6:45	33.82
6/29/2010 7:00	0.47	6/29/2010 7:00	33.81
6/29/2010 7:15	0.51	6/29/2010 7:15	33.83
6/29/2010 7:30	0.58	6/29/2010 7:30	33.84
6/29/2010 7:45	0.63	6/29/2010 7:45	33.84
6/29/2010 8:00	0.67	6/29/2010 8:00	33.84
6/29/2010 8:15	0.71	6/29/2010 8:15	33.85

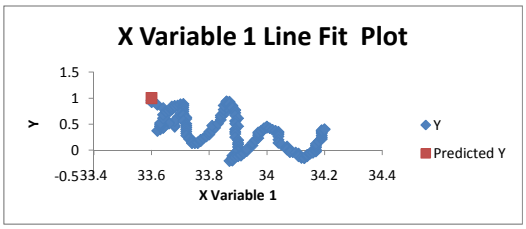
X SUMMARY OUTPUT

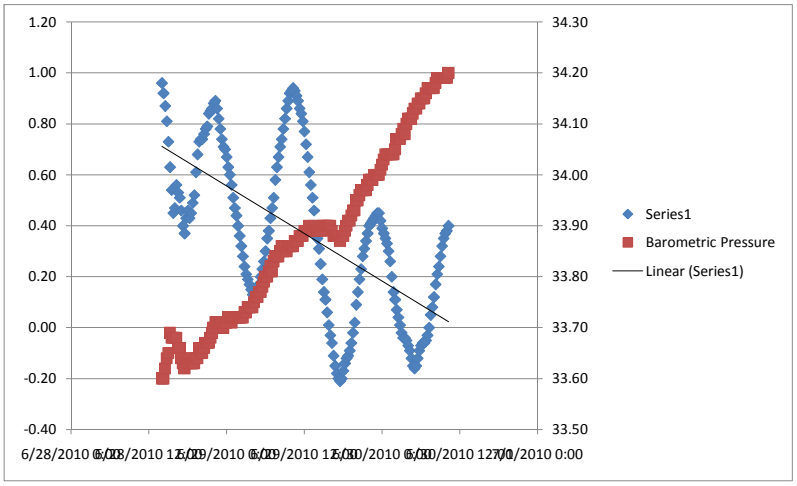
Regression Statistics	
Multiple R	0.552824754
R Square	0.305615209
Adjusted R Squ	0.301669841
Standard Error	0.272055158
Observations	178

ANOVA

	df	*SS*	*MS*	*F*	*Significance F*
Regression	1	5.733256328	5.733256328	77.46177253	1.23429E-15
Residual	176	13.02646558	0.074014009		
Total	177	18.75972191			

	Coefficients	*Standard Error*	*t Stat*	*P-value*	*Lower 95%*	*Upper 95%*	*Lower 95.0%*	*Upper 95.0%*
Intercept	35.84256984	4.03079719	8.892178927	7.02391E-16	27.88765313	43.79748654	27.88765313	43.79748654
X Variable 1	-1.04721911	0.118985446	-8.80123699	1.23429E-15	-1.28204097	-0.81239724	-1.28204097	-0.81239724





6/29/2010 8:30	0.74	6/29/2010 8:30	33.86
6/29/2010 8:45	0.78	6/29/2010 8:45	33.85
6/29/2010 9:00	0.82	6/29/2010 9:00	33.86
6/29/2010 9:15	0.86	6/29/2010 9:15	33.85
6/29/2010 9:30	0.89	6/29/2010 9:30	33.86
6/29/2010 9:45	0.92	6/29/2010 9:45	33.86
6/29/2010 10:00	0.93	6/29/2010 10:00	33.86
6/29/2010 10:15	0.94	6/29/2010 10:15	33.86
6/29/2010 10:30	0.93	6/29/2010 10:30	33.87
6/29/2010 10:45	0.91	6/29/2010 10:45	33.87
6/29/2010 11:00	0.89	6/29/2010 11:00	33.87
6/29/2010 11:15	0.86	6/29/2010 11:15	33.88
6/29/2010 11:30	0.84	6/29/2010 11:30	33.88
6/29/2010 11:45	0.81	6/29/2010 11:45	33.88
6/29/2010 12:00	0.77	6/29/2010 12:00	33.89
6/29/2010 12:15	0.72	6/29/2010 12:15	33.89
6/29/2010 12:30	0.67	6/29/2010 12:30	33.89
6/29/2010 12:45	0.61	6/29/2010 12:45	33.90
6/29/2010 13:00	0.56	6/29/2010 13:00	33.89
6/29/2010 13:15	0.51	6/29/2010 13:15	33.89
6/29/2010 13:30	0.46	6/29/2010 13:30	33.90
6/29/2010 13:45	0.40	6/29/2010 13:45	33.89
6/29/2010 14:00	0.35	6/29/2010 14:00	33.89
6/29/2010 14:15	0.31	6/29/2010 14:15	33.89
6/29/2010 14:30	0.25	6/29/2010 14:30	33.89
6/29/2010 14:45	0.19	6/29/2010 14:45	33.90
6/29/2010 15:00	0.14	6/29/2010 15:00	33.90
6/29/2010 15:15	0.11	6/29/2010 15:15	33.90
6/29/2010 15:30	0.06	6/29/2010 15:30	33.90
6/29/2010 15:45	0.01	6/29/2010 15:45	33.90
6/29/2010 16:00	-0.03	6/29/2010 16:00	33.90
6/29/2010 16:15	-0.06	6/29/2010 16:15	33.89
6/29/2010 16:30	-0.11	6/29/2010 16:30	33.88
6/29/2010 16:45	-0.15	6/29/2010 16:45	33.88
6/29/2010 17:00	-0.18	6/29/2010 17:00	33.88
6/29/2010 17:15	-0.20	6/29/2010 17:15	33.88
6/29/2010 17:30	-0.21	6/29/2010 17:30	33.87
6/29/2010 17:45	-0.20	6/29/2010 17:45	33.88
6/29/2010 18:00	-0.17	6/29/2010 18:00	33.88
6/29/2010 18:15	-0.14	6/29/2010 18:15	33.89
6/29/2010 18:30	-0.12	6/29/2010 18:30	33.90
6/29/2010 18:45	-0.11	6/29/2010 18:45	33.91
6/29/2010 19:00	-0.09	6/29/2010 19:00	33.91
6/29/2010 19:15	-0.06	6/29/2010 19:15	33.92
6/29/2010 19:30	-0.02	6/29/2010 19:30	33.93
6/29/2010 19:45	0.02	6/29/2010 19:45	33.93
6/29/2010 20:00	0.09	6/29/2010 20:00	33.95
6/29/2010 20:15	0.14	6/29/2010 20:15	33.95
6/29/2010 20:30	0.19	6/29/2010 20:30	33.96
6/29/2010 20:45	0.23	6/29/2010 20:45	33.97
6/29/2010 21:00	0.28	6/29/2010 21:00	33.97
6/29/2010 21:15	0.31	6/29/2010 21:15	33.97
6/29/2010 21:30	0.34	6/29/2010 21:30	33.97
6/29/2010 21:45	0.37	6/29/2010 21:45	33.98
6/29/2010 22:00	0.40	6/29/2010 22:00	33.99
6/29/2010 22:15	0.41	6/29/2010 22:15	33.99
6/29/2010 22:30	0.42	6/29/2010 22:30	33.99
6/29/2010 22:45	0.43	6/29/2010 22:45	34.00
6/29/2010 23:00	0.44	6/29/2010 23:00	34.00
6/29/2010 23:15	0.45	6/29/2010 23:15	34.00
6/29/2010 23:30	0.45	6/29/2010 23:30	34.00
6/29/2010 23:45	0.42	6/29/2010 23:45	34.01
6/30/2010 0:00	0.39	6/30/2010 0:00	34.02
6/30/2010 0:15	0.37	6/30/2010 0:15	34.03
6/30/2010 0:30	0.35	6/30/2010 0:30	34.04
6/30/2010 0:45	0.33	6/30/2010 0:45	34.04
6/30/2010 1:00	0.30	6/30/2010 1:00	34.04
6/30/2010 1:15	0.26	6/30/2010 1:15	34.04
6/30/2010 1:30	0.20	6/30/2010 1:30	34.04
6/30/2010 1:45	0.14	6/30/2010 1:45	34.04
6/30/2010 2:00	0.11	6/30/2010 2:00	34.05
6/30/2010 2:15	0.07	6/30/2010 2:15	34.07
6/30/2010 2:30	0.04	6/30/2010 2:30	34.07
6/30/2010 2:45	0.01	6/30/2010 2:45	34.07
6/30/2010 3:00	-0.02	6/30/2010 3:00	34.08
6/30/2010 3:15	-0.04	6/30/2010 3:15	34.09
6/30/2010 3:30	-0.04	6/30/2010 3:30	34.08
6/30/2010 3:45	-0.05	6/30/2010 3:45	34.10
6/30/2010 4:00	-0.07	6/30/2010 4:00	34.11
6/30/2010 4:15	-0.09	6/30/2010 4:15	34.11
6/30/2010 4:30	-0.12	6/30/2010 4:30	34.11
6/30/2010 4:45	-0.15	6/30/2010 4:45	34.12
6/30/2010 5:00	-0.16	6/30/2010 5:00	34.13
6/30/2010 5:15	-0.15	6/30/2010 5:15	34.13
6/30/2010 5:30	-0.12	6/30/2010 5:30	34.14

6/30/2010 5:45	-0.09	6/30/2010 5:45	34.14	
6/30/2010 6:00	-0.07	6/30/2010 6:00	34.15	
6/30/2010 6:15	-0.06	6/30/2010 6:15	34.15	
6/30/2010 6:30	-0.06	6/30/2010 6:30	34.15	
6/30/2010 6:45	-0.05	6/30/2010 6:45	34.16	
6/30/2010 7:00	-0.03	6/30/2010 7:00	34.17	
6/30/2010 7:15	0.00	6/30/2010 7:15	34.17	
6/30/2010 7:30	0.05	6/30/2010 7:30	34.17	
6/30/2010 7:45	0.08	6/30/2010 7:45	34.17	
6/30/2010 8:00	0.12	6/30/2010 8:00	34.17	
6/30/2010 8:15	0.17	6/30/2010 8:15	34.18	
6/30/2010 8:30	0.21	6/30/2010 8:30	34.19	
6/30/2010 8:45	0.24	6/30/2010 8:45	34.19	
6/30/2010 9:00	0.28	6/30/2010 9:00	34.19	
6/30/2010 9:15	0.32	6/30/2010 9:15	34.19	
6/30/2010 9:30	0.35	6/30/2010 9:30	34.19	
6/30/2010 9:45	0.37	6/30/2010 9:45	34.19	
6/30/2010 10:00	0.38	6/30/2010 10:00	34.19	
6/30/2010 10:15	0.40	6/30/2010 10:15	34.20	X

Table F-3

Well and Piezometer Screen Information Used for Vertical Gradient Calculations, Summer-Fall 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

Delta h - Distance Between Well Screen Midpoints Feet		
	PZ1(S)	PZ1(I)
PZ1(I)	24.95	
PZ1(D)	41.90	16.95

Screen Midpoint Depth Feet Below Grade	
PZ1(S)	9.75
PZ1(I)	34.70
PZ1(D)	51.65

	PZ2(S)	PZ2(I)
PZ2(I)	24.85	
PZ2(D)	38.15	13.30

PZ2(S)	9.25
PZ2(I)	34.10
PZ2(D)	47.40

	DMW4S	DMW4I
DMW4I	26.65	
DMW4D	50.55	23.90

DMW4S	24.95
DMW4I	51.60
DMW4D	75.50

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/2/2010 16:45	1.01	0.89	0.75						
6/2/2010 17:00	1.00	1.10	0.72						
6/2/2010 17:15	0.99	1.08	0.69						
6/2/2010 17:30	0.99	1.08	0.67						
6/2/2010 17:45	0.97	1.04	0.62						
6/2/2010 18:00	0.96	1.03	0.60						
6/2/2010 18:15	0.95	1.01	0.58						
6/2/2010 18:30	0.94	1.01	0.59						
6/2/2010 18:45	0.93	1.00	0.59						
6/2/2010 19:00	0.92	0.98	0.58						
6/2/2010 19:15	0.91	0.98	0.59						
6/2/2010 19:30	0.90	0.99	0.61		0.41	0.29			
6/2/2010 19:45	0.89	0.99	0.62		0.41	0.12			
6/2/2010 20:00	0.88	1.01	0.65		0.43	0.32			
6/2/2010 20:15	0.88	1.03	0.69		0.43	0.35		0.34	0.19
6/2/2010 20:30	0.88	1.04	0.72		0.43	0.38		0.37	0.39
6/2/2010 20:45	0.87	1.05	0.74		0.42	0.39		0.40	0.42
6/2/2010 21:00	0.87	1.06	0.76		0.43	0.42		0.44	0.45
6/2/2010 21:15	0.87	1.07	0.79		0.43	0.45		0.48	0.49
6/2/2010 21:30	0.87	1.10	0.84		0.43	0.49		0.53	0.55
6/2/2010 21:45	0.88	1.13	0.89		0.44	0.53		0.59	0.61
6/2/2010 22:00	0.88	1.16	0.94		0.44	0.58		0.66	0.67
6/2/2010 22:15	0.88	1.17	0.97		0.43	0.62		0.71	0.72
6/2/2010 22:30	0.89	1.20	1.00		0.44	0.66		0.77	0.77
6/2/2010 22:45	0.89	1.21	1.03		0.43	0.69		0.81	0.81
6/2/2010 23:00	0.90	1.23	1.06		0.43	0.73		0.85	0.86
6/2/2010 23:15	0.91	1.25	1.09		0.44	0.76		0.89	0.90
6/2/2010 23:30	0.92	1.27	1.11		0.44	0.80		0.93	0.94
6/2/2010 23:45	0.94	1.30	1.14		0.45	0.84		0.99	0.99
6/3/2010 0:00	0.95	1.32	1.16		0.46	0.87		1.02	1.03
6/3/2010 0:15	0.97	1.34	1.19		0.47	0.91		1.06	1.06

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/3/2010 0:30	0.98	1.35	1.20		0.47	0.93		1.09	1.09
6/3/2010 0:45	0.98	1.35	1.20		0.46	0.94		1.10	1.10
6/3/2010 1:00	1.00	1.37	1.22		0.47	0.97		1.13	1.13
6/3/2010 1:15	1.02	1.39	1.24		0.49	0.99		1.15	1.15
6/3/2010 1:30	1.03	1.40	1.25		0.49	1.01		1.17	1.17
6/3/2010 1:45	1.04	1.40	1.24		0.48	1.01		1.17	1.16
6/3/2010 2:00	1.04	1.38	1.22		0.47	1.00		1.15	1.15
6/3/2010 2:15	1.03	1.37	1.20		0.46	0.99		1.13	1.13
6/3/2010 2:30	1.03	1.36	1.18		0.45	0.97		1.11	1.11
6/3/2010 2:45	1.04	1.36	1.16		0.45	0.96		1.09	1.09
6/3/2010 3:00	1.04	1.34	1.14		0.45	0.94		1.06	1.06
6/3/2010 3:15	1.03	1.33	1.11		0.42	0.91		1.02	1.02
6/3/2010 3:30	1.03	1.33	1.10		0.42	0.90		1.00	1.01
6/3/2010 3:45	1.02	1.31	1.08		0.41	0.87		0.97	0.97
6/3/2010 4:00	1.02	1.30	1.07		0.41	0.86		0.95	0.96
6/3/2010 4:15	1.02	1.29	1.06		0.41	0.84		0.93	0.94
6/3/2010 4:30	1.02	1.29	1.05		0.41	0.83		0.92	0.92
6/3/2010 4:45	1.02	1.29	1.05		0.41	0.83		0.91	0.91
6/3/2010 5:00	1.02	1.28	1.04		0.41	0.81		0.90	0.90
6/3/2010 5:15	1.02	1.29	1.03		0.42	0.81		0.90	0.90
6/3/2010 5:30	1.02	1.28	1.02		0.42	0.80		0.88	0.88
6/3/2010 5:45	1.03	1.27	1.02		0.42	0.80		0.87	0.87
6/3/2010 6:00	1.02	1.27	1.01		0.41	0.79		0.86	0.87
6/3/2010 6:15	1.03	1.26	1.02		0.42	0.79		0.86	0.87
6/3/2010 6:30	1.03	1.26	1.01		0.43	0.78		0.85	0.86
6/3/2010 6:45	1.02	1.26	1.01		0.43	0.78		0.85	0.86
6/3/2010 7:00	1.04	1.28	1.04		0.45	0.80		0.88	0.89
6/3/2010 7:15	1.04	1.28	1.04		0.45	0.80		0.88	0.89
6/3/2010 7:30	1.04	1.29	1.06		0.45	0.81		0.89	0.90
6/3/2010 7:45	1.04	1.29	1.06		0.45	0.82		0.90	0.91
6/3/2010 8:00	1.05	1.31	1.08		0.47	0.84		0.94	0.94
6/3/2010 8:15	1.07	1.34	1.14		0.78	0.87		0.98	0.99
6/3/2010 8:30	1.07	1.35	1.16		0.78	0.90		1.02	1.02
6/3/2010 8:45	1.08	1.36	1.17		0.78	0.92		1.04	1.04

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/3/2010 9:00	1.08	1.38	1.19		0.78	0.93		1.07	1.08
6/3/2010 9:15	1.09	1.39	1.21		0.78	0.96		1.10	1.11
6/3/2010 9:30	1.09	1.40	1.24		0.79	0.98		1.13	1.14
6/3/2010 9:45	1.10	1.43	1.28		0.79	1.02		1.18	1.18
6/3/2010 10:00	1.11	1.45	1.31		0.79	1.05		1.22	1.23
6/3/2010 10:15	1.12	1.47	1.34		0.79	1.08		1.26	1.27
6/3/2010 10:30	1.13	1.49	1.37		0.79	1.11		1.30	1.31
6/3/2010 10:45	1.12	1.49	1.40		0.77	1.13		1.32	1.33
6/3/2010 11:00	1.13	1.51	1.41		0.77	1.15		1.35	1.35
6/3/2010 11:15	1.14	1.53	1.42		0.78	1.18		1.39	1.39
6/3/2010 11:30	1.15	1.54	1.45		0.78	1.21		1.42	1.42
6/3/2010 11:45	1.17	1.56	1.46		0.78	1.23		1.44	1.44
6/3/2010 12:00	1.18	1.57	1.48		0.79	1.25		1.47	1.47
6/3/2010 12:15	1.19	1.59	1.50		0.79	1.28		1.50	1.50
6/3/2010 12:30	1.20	1.59	1.50		0.79	1.29		1.51	1.51
6/3/2010 12:45	1.21	1.59	1.49		0.79	1.29		1.51	1.50
6/3/2010 13:00	1.21	1.59	1.49		0.78	1.29		1.50	1.50
6/3/2010 13:15	1.22	1.60	1.48		0.79	1.30		1.50	1.50
6/3/2010 13:30	1.22	1.58	1.47		0.78	1.29		1.48	1.48
6/3/2010 13:45	1.23	1.58	1.46		0.77	1.28		1.47	1.47
6/3/2010 14:00	1.24	1.58	1.44		0.78	1.28		1.46	1.46
6/3/2010 14:15	1.24	1.56	1.40		0.77	1.24		1.41	1.41
6/3/2010 14:30	1.25	1.55	1.37		0.78	1.23		1.39	1.38
6/3/2010 14:45	1.24	1.53	1.35		0.76	1.19		1.34	1.34
6/3/2010 15:00	1.24	1.52	1.32		0.77	1.17		1.31	1.31
6/3/2010 15:15	1.24	1.51	1.31		0.77	1.14		1.27	1.28
6/3/2010 15:30	1.24	1.49	1.29		0.75	1.12		1.24	1.25
6/3/2010 15:45	1.24	1.48	1.27		0.75	1.09		1.21	1.22
6/3/2010 16:00	1.23	1.46	1.23		0.74	1.05		1.16	1.17
6/3/2010 16:15	1.22	1.44	1.21		0.74	1.03		1.13	1.13
6/3/2010 16:30	1.20	1.42	1.18		0.71	0.99		1.08	1.09
6/3/2010 16:45	1.19	1.40	1.15		0.70	0.95		1.05	1.05
6/3/2010 17:00	1.20	1.40	1.14		0.72	0.95		1.03	1.03
6/3/2010 17:15	1.20	1.39	1.12		0.73	0.93		1.00	1.01

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/3/2010 17:30	1.19	1.37	1.09		0.72	0.89		0.96	0.97
6/3/2010 17:45	1.19	1.35	1.06		0.72	0.87		0.92	0.93
6/3/2010 18:00	1.17	1.34	1.05		0.71	0.84		0.90	0.91
6/3/2010 18:15	1.17	1.33	1.04		0.71	0.83		0.87	0.89
6/3/2010 18:30	1.16	1.31	1.00		0.73	0.80		0.84	0.85
6/3/2010 18:45	1.15	1.28	0.93		0.71	0.75		0.77	0.77
6/3/2010 19:00	1.15	1.27	0.95		0.72	0.73		0.75	0.77
6/3/2010 19:15	1.14	1.28	0.99		0.73	0.74		0.78	0.80
6/3/2010 19:30	1.15	1.30	1.03		0.74	0.76		0.81	0.82
6/3/2010 19:45	1.14	1.29	1.02		0.74	0.75		0.81	0.82
6/3/2010 20:00	1.13	1.30	1.05		0.74	0.76		0.83	0.85
6/3/2010 20:15	1.14	1.31	1.03		0.76	0.79		0.85	0.86
6/3/2010 20:30	1.14	1.27	0.92		0.77	0.74		0.76	0.77
6/3/2010 20:45	1.14	1.27	0.96		0.77	0.72		0.75	0.76
6/3/2010 21:00	1.15	1.29	1.02		0.79	0.75		0.80	0.81
6/3/2010 21:15	1.15	1.30	1.05		0.79	0.76		0.82	0.83
6/3/2010 21:30	1.15	1.36	1.17		0.80	0.83		0.93	0.95
6/3/2010 21:45	1.17	1.40	1.23		0.81	0.89		1.03	1.04
6/3/2010 22:00	1.18	1.43	1.27		0.81	0.94		1.09	1.10
6/3/2010 22:15	1.19	1.45	1.29		0.82	0.99		1.14	1.15
6/3/2010 22:30	1.20	1.46	1.29		0.83	1.01		1.16	1.16
6/3/2010 22:45	1.20	1.47	1.29		0.83	1.03		1.18	1.18
6/3/2010 23:00	1.21	1.46	1.28		0.83	1.04		1.18	1.18
6/3/2010 23:15	1.22	1.47	1.30		0.83	1.05		1.19	1.20
6/3/2010 23:30	1.23	1.51	1.36		0.83	1.09		1.25	1.26
6/3/2010 23:45	1.23	1.53	1.39		0.84	1.12		1.30	1.31
6/4/2010 0:00	1.25	1.56	1.44		0.84	1.16		1.35	1.36
6/4/2010 0:15	1.26	1.58	1.46		0.84	1.20		1.39	1.40
6/4/2010 0:30	1.28	1.58	1.44		0.85	1.22		1.40	1.40
6/4/2010 0:45	1.28	1.56	1.39		0.84	1.20		1.36	1.36
6/4/2010 1:00	1.28	1.55	1.37		0.84	1.18		1.34	1.34
6/4/2010 1:15	1.28	1.53	1.34		0.83	1.16		1.30	1.31
6/4/2010 1:30	1.29	1.54	1.34		0.84	1.16		1.30	1.30
6/4/2010 1:45	1.29	1.55	1.39		0.84	1.17		1.32	1.33

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/4/2010 2:00	1.29	1.55	1.38		0.83	1.17		1.33	1.33
6/4/2010 2:15	1.29	1.55	1.37		0.83	1.17		1.32	1.32
6/4/2010 2:30	1.29	1.53	1.35		0.82	1.15		1.30	1.30
6/4/2010 2:45	1.30	1.53	1.31		0.83	1.14		1.27	1.27
6/4/2010 3:00	1.29	1.50	1.29		0.82	1.11		1.22	1.23
6/4/2010 3:15	1.30	1.50	1.28		0.83	1.10		1.22	1.23
6/4/2010 3:30	1.29	1.49	1.27		0.83	1.08		1.20	1.20
6/4/2010 3:45	1.30	1.50	1.28		0.84	1.09		1.20	1.21
6/4/2010 4:00	1.30	1.50	1.27		0.84	1.08		1.18	1.20
6/4/2010 4:15	1.30	1.50	1.26		0.84	1.07		1.18	1.19
6/4/2010 4:30	1.30	1.49	1.24		0.85	1.06		1.16	1.17
6/4/2010 4:45	1.30	1.47	1.20		0.84	1.03		1.11	1.12
6/4/2010 5:00	1.29	1.45	1.18		0.84	1.00		1.08	1.09
6/4/2010 5:15	1.29	1.43	1.15		0.84	0.98		1.04	1.05
6/4/2010 5:30	1.28	1.42	1.13		0.84	0.95		1.01	1.02
6/4/2010 5:45	1.27	1.41	1.12		0.84	0.93		0.98	0.99
6/4/2010 6:00	1.27	1.40	1.10		0.85	0.91		0.96	0.98
6/4/2010 6:15	1.28	1.38	1.08		0.86	0.89		0.93	0.95
6/4/2010 6:30	1.26	1.36	1.04		0.85	0.86		0.89	0.90
6/4/2010 6:45	1.27	1.36	1.04		0.87	0.85		0.88	0.89
6/4/2010 7:00	1.26	1.34	1.01		0.87	0.83		0.85	0.86
6/4/2010 7:15	1.25	1.33	1.01		0.87	0.81		0.83	0.84
6/4/2010 7:30	1.27	1.35	1.04		0.89	0.82		0.86	0.87
6/4/2010 7:45	1.25	1.34	1.02		0.88	0.80		0.82	0.84
6/4/2010 8:00	1.24	1.32	0.99		0.88	0.78		0.80	0.81
6/4/2010 8:15	1.23	1.31	0.97		0.88	0.76		0.77	0.79
6/4/2010 8:30	1.23	1.31	0.98		0.89	0.76		0.78	0.79
6/4/2010 8:45	1.22	1.31	1.00		0.88	0.76		0.78	0.80
6/4/2010 9:00	1.21	1.32	1.03		0.88	0.77		0.81	0.83
6/4/2010 9:15	1.22	1.35	1.08		0.89	0.80		0.87	0.88
6/4/2010 9:30	1.21	1.36	1.09		0.89	0.82		0.89	0.90
6/4/2010 9:45	1.21	1.36	1.09		0.89	0.83		0.90	0.91
6/4/2010 10:00	1.22	1.38	1.11		0.90	0.86		0.93	0.94
6/4/2010 10:15	1.22	1.39	1.14		0.90	0.88		0.97	0.97

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/4/2010 10:30	1.21	1.40	1.18		0.89	0.90		1.00	1.01
6/4/2010 10:45	1.22	1.43	1.23		0.90	0.95		1.07	1.08
6/4/2010 11:00	1.23	1.45	1.26		0.90	0.98		1.11	1.12
6/4/2010 11:15	1.23	1.47	1.28		0.90	1.01		1.14	1.15
6/4/2010 11:30	1.24	1.48	1.28		0.91	1.03		1.17	1.17
6/4/2010 11:45	1.24	1.49	1.30		0.91	1.05		1.19	1.20
6/4/2010 12:00	1.26	1.50	1.32		0.91	1.08		1.22	1.22
6/4/2010 12:15	1.27	1.51	1.33		0.91	1.09		1.24	1.24
6/4/2010 12:30	1.26	1.52	1.35		0.90	1.10		1.25	1.26
6/4/2010 12:45	1.28	1.54	1.38		0.91	1.13		1.30	1.30
6/4/2010 13:00	1.28	1.54	1.38		0.90	1.14		1.30	1.30
6/4/2010 13:15	1.29	1.54	1.38		0.90	1.15		1.30	1.31
6/4/2010 13:30	1.29	1.54	1.36		0.90	1.15		1.30	1.30
6/4/2010 13:45	1.29	1.53	1.34		0.89	1.14		1.27	1.29
6/4/2010 14:00	1.29	1.53	1.34		0.89	1.14		1.27	1.28
6/4/2010 14:15	1.29	1.52	1.32		0.87	1.12		1.24	1.26
6/4/2010 14:30	1.29	1.51	1.30		0.87	1.11		1.23	1.24
6/4/2010 14:45	1.28	1.49	1.26		0.86	1.08		1.19	1.20
6/4/2010 15:00	1.29	1.48	1.25		0.86	1.06		1.17	1.18
6/4/2010 15:15	1.28	1.46	1.23		0.85	1.04		1.13	1.14
6/4/2010 15:30	1.26	1.45	1.19		0.83	1.00		1.08	1.10
6/4/2010 15:45	1.25	1.42	1.16		0.82	0.97		1.04	1.05
6/4/2010 16:00	1.24	1.41	1.14		0.82	0.94		1.01	1.02
6/4/2010 16:15	1.24	1.40	1.12		0.82	0.92		0.98	0.99
6/4/2010 16:30	1.23	1.38	1.09		0.82	0.89		0.94	0.96
6/4/2010 16:45	1.23	1.36	1.06		0.82	0.86		0.90	0.92
6/4/2010 17:00	1.21	1.34	1.03		0.80	0.83		0.86	0.88
6/4/2010 17:15	1.20	1.32	1.01		0.80	0.80		0.83	0.85
6/4/2010 17:30	1.18	1.30	0.97		0.79	0.77		0.79	0.81
6/4/2010 17:45	1.18	1.30	0.97		0.81	0.76		0.78	0.80
6/4/2010 18:00	1.17	1.27	0.93		0.81	0.73	0.42	0.73	0.75
6/4/2010 18:15	1.17	1.26	0.91		0.82	0.70	0.43	0.70	0.72
6/4/2010 18:30	1.16	1.23	0.89		0.83	0.68	0.42	0.67	0.69
6/4/2010 18:45	1.15	1.22	0.87		0.82	0.65	0.39	0.63	0.65

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/4/2010 19:00	1.15	1.21	0.86		0.83	0.63	0.39	0.61	0.63
6/4/2010 19:15	1.14	1.21	0.87		0.82	0.62	0.38	0.61	0.63
6/4/2010 19:30	1.13	1.19	0.81		0.81	0.59	0.36	0.56	0.58
6/4/2010 19:45	1.12	1.17	0.81		0.82	0.57	0.35	0.54	0.56
6/4/2010 20:00	1.11	1.16	0.78		0.81	0.54	0.33	0.51	0.53
6/4/2010 20:15	1.10	1.15	0.76		0.81	0.51	0.32	0.48	0.50
6/4/2010 20:30	1.09	1.14	0.78		0.82	0.51	0.33	0.48	0.51
6/4/2010 20:45	1.09	1.15	0.80		0.83	0.53	0.34	0.51	0.53
6/4/2010 21:00	1.08	1.16	0.85		0.82	0.54	0.33	0.54	0.56
6/4/2010 21:15	1.07	1.18	0.88		0.81	0.56	0.32	0.57	0.59
6/4/2010 21:30	1.07	1.20	0.90		0.81	0.58	0.32	0.60	0.63
6/4/2010 21:45	1.06	1.21	0.92		0.82	0.60	0.32	0.64	0.66
6/4/2010 22:00	1.06	1.22	0.95		0.82	0.62	0.32	0.67	0.69
6/4/2010 22:15	1.07	1.23	0.99		0.83	0.66	0.34	0.72	0.74
6/4/2010 22:30	1.07	1.26	1.02		0.84	0.70	0.34	0.76	0.79
6/4/2010 22:45	1.07	1.28	1.06		0.83	0.73	0.34	0.81	0.84
6/4/2010 23:00	1.06	1.30	1.09		0.82	0.76	0.34	0.86	0.89
6/4/2010 23:15	1.07	1.33	1.14		0.82	0.81	0.34	0.92	0.94
6/4/2010 23:30	1.08	1.35	1.18		0.83	0.86	0.36	0.98	1.00
6/4/2010 23:45	1.08	1.36	1.20		0.82	0.88	0.36	1.02	1.04
6/5/2010 0:00	1.09	1.39	1.23		0.82	0.92	0.37	1.06	1.08
6/5/2010 0:15	1.11	1.41	1.26		0.82	0.95	0.38	1.11	1.12
6/5/2010 0:30	1.10	1.41	1.27		0.81	0.97	0.37	1.12	1.14
6/5/2010 0:45	1.11	1.43	1.31		0.81	1.01	0.39	1.17	1.19
6/5/2010 1:00	1.12	1.45	1.34		0.81	1.04	0.40	1.22	1.24
6/5/2010 1:15	1.14	1.49	1.37		0.82	1.09	0.43	1.27	1.29
6/5/2010 1:30	1.15	1.50	1.40		0.83	1.12	0.45	1.31	1.33
6/5/2010 1:45	1.18	1.53	1.42		0.84	1.16	0.47	1.35	1.37
6/5/2010 2:00	1.18	1.53	1.42		0.83	1.17	0.48	1.36	1.37
6/5/2010 2:15	1.18	1.53	1.42		0.82	1.18	0.51	1.37	1.38
6/5/2010 2:30	1.19	1.54	1.43		0.82	1.19	0.53	1.38	1.39
6/5/2010 2:45	1.20	1.55	1.43		0.82	1.20	0.53	1.39	1.40
6/5/2010 3:00	1.20	1.53	1.40		0.79	1.18	0.53	1.37	1.38
6/5/2010 3:15	1.20	1.53	1.40		0.79	1.18	0.54	1.36	1.37

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/5/2010 3:30	1.20	1.53	1.39		0.79	1.18	0.55	1.36	1.37
6/5/2010 3:45	1.21	1.53	1.38		0.80	1.18	0.57	1.35	1.36
6/5/2010 4:00	1.23	1.54	1.38		0.81	1.19	0.59	1.35	1.36
6/5/2010 4:15	1.23	1.52	1.35		0.80	1.16	0.59	1.32	1.33
6/5/2010 4:30	1.23	1.52	1.33		0.80	1.15	0.60	1.29	1.30
6/5/2010 4:45	1.23	1.51	1.31		0.80	1.13	0.61	1.27	1.28
6/5/2010 5:00	1.23	1.50	1.31		0.80	1.12	0.61	1.25	1.26
6/5/2010 5:15	1.25	1.51	1.30		0.81	1.11	0.63	1.24	1.26
6/5/2010 5:30	1.25	1.49	1.27		0.81	1.09	0.63	1.21	1.22
6/5/2010 5:45	1.24	1.47	1.24		0.80	1.06	0.63	1.17	1.18
6/5/2010 6:00	1.24	1.45	1.22		0.80	1.04	0.63	1.13	1.15
6/5/2010 6:15	1.25	1.45	1.21		0.82	1.03	0.65	1.12	1.14
6/5/2010 6:30	1.25	1.44	1.20		0.81	1.01	0.66	1.10	1.12
6/5/2010 6:45	1.25	1.43	1.18		0.82	0.99	0.66	1.08	1.09
6/5/2010 7:00	1.25	1.42	1.17		0.82	0.98	0.67	1.06	1.08
6/5/2010 7:15	1.24	1.41	1.15		0.81	0.95	0.66	1.03	1.04
6/5/2010 7:30	1.23	1.39	1.13		0.81	0.94	0.66	1.00	1.02
6/5/2010 7:45	1.24	1.39	1.13		0.82	0.93	0.67	0.99	1.01
6/5/2010 8:00	1.23	1.37	1.11		0.81	0.90	0.66	0.96	0.98
6/5/2010 8:15	1.23	1.37	1.09		0.82	0.89	0.67	0.95	0.96
6/5/2010 8:30	1.23	1.36	1.09		0.81	0.88	0.66	0.93	0.95
6/5/2010 8:45	1.22	1.37	1.09		0.82	0.88	0.67	0.93	0.95
6/5/2010 9:00	1.22	1.37	1.10		0.82	0.87	0.67	0.93	0.95
6/5/2010 9:15	1.21	1.36	1.09		0.81	0.86	0.66	0.92	0.94
6/5/2010 9:30	1.21	1.36	1.08		0.81	0.86	0.66	0.92	0.94
6/5/2010 9:45	1.20	1.35	1.09		0.81	0.85	0.65	0.92	0.94
6/5/2010 10:00	1.19	1.35	1.10		0.80	0.85	0.64	0.91	0.93
6/5/2010 10:15	1.18	1.36	1.13		0.80	0.86	0.64	0.94	0.96
6/5/2010 10:30	1.19	1.38	1.16		0.81	0.89	0.65	0.98	1.00
6/5/2010 10:45	1.19	1.39	1.18		0.81	0.90	0.64	1.00	1.02
6/5/2010 11:00	1.20	1.41	1.20		0.82	0.93	0.66	1.04	1.06
6/5/2010 11:15	1.19	1.41	1.21		0.82	0.95	0.67	1.06	1.07
6/5/2010 11:30	1.19	1.42	1.22		0.82	0.96	0.68	1.07	1.10
6/5/2010 11:45	1.21	1.43	1.24		0.82	0.98	0.68	1.10	1.12

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/5/2010 12:00	1.20	1.44	1.27		0.81	0.99	0.69	1.12	1.14
6/5/2010 12:15	1.20	1.46	1.29		0.80	1.01	0.69	1.14	1.16
6/5/2010 12:30	1.21	1.47	1.31		0.80	1.03	0.70	1.18	1.20
6/5/2010 12:45	1.21	1.48	1.32		0.80	1.06	0.72	1.20	1.22
6/5/2010 13:00	1.22	1.49	1.34		0.81	1.08	0.75	1.23	1.24
6/5/2010 13:15	1.22	1.49	1.32		0.80	1.07	0.76	1.22	1.23
6/5/2010 13:30	1.24	1.49	1.33		0.81	1.09	0.79	1.23	1.24
6/5/2010 13:45	1.23	1.49	1.32		0.80	1.08	0.80	1.22	1.23
6/5/2010 14:00	1.23	1.50	1.32		0.80	1.09	0.81	1.23	1.24
6/5/2010 14:15	1.25	1.50	1.31		0.80	1.08	0.83	1.22	1.23
6/5/2010 14:30	1.25	1.50	1.31		0.80	1.08	0.84	1.22	1.23
6/5/2010 14:45	1.24	1.49	1.29		0.79	1.07	0.84	1.20	1.21
6/5/2010 15:00	1.24	1.47	1.27		0.79	1.06	0.85	1.18	1.19
6/5/2010 15:15	1.25	1.47	1.26		0.79	1.05	0.85	1.16	1.18
6/5/2010 15:30	1.23	1.44	1.22		0.78	1.01	0.83	1.12	1.13
6/5/2010 15:45	1.23	1.43	1.20		0.78	0.99	0.83	1.09	1.10
6/5/2010 16:00	1.22	1.42	1.17		0.78	0.97	0.82	1.06	1.07
6/5/2010 16:15	1.23	1.41	1.16		0.78	0.95	0.81	1.04	1.05
6/5/2010 16:30	1.22	1.39	1.14		0.77	0.93	0.78	1.00	1.01
6/5/2010 16:45	1.22	1.38	1.10		0.77	0.90	0.76	0.96	0.97
6/5/2010 17:00	1.21	1.37	1.09		0.77	0.87	0.74	0.93	0.95
6/5/2010 17:15	1.19	1.34	1.06		0.76	0.84	0.70	0.89	0.90
6/5/2010 17:30	1.18	1.32	1.03		0.74	0.80	0.66	0.84	0.86
6/5/2010 17:45	1.17	1.30	1.02		0.74	0.78	0.64	0.82	0.84
6/5/2010 18:00	1.17	1.29	1.00		0.75	0.77	0.62	0.80	0.81
6/5/2010 18:15	1.16	1.28	0.96		0.75	0.74	0.59	0.76	0.77
6/5/2010 18:30	1.15	1.26	0.94		0.75	0.71	0.56	0.72	0.74
6/5/2010 18:45	1.13	1.24	0.91		0.75	0.68	0.53	0.69	0.71
6/5/2010 19:00	1.13	1.22	0.88		0.76	0.66	0.50	0.66	0.68
6/5/2010 19:15	1.11	1.20	0.85		0.74	0.62	0.46	0.61	0.63
6/5/2010 19:30	1.11	1.19	0.83		0.75	0.60	0.43	0.59	0.61
6/5/2010 19:45	1.10	1.17	0.80		0.75	0.57	0.40	0.55	0.57
6/5/2010 20:00	1.09	1.15	0.78		0.75	0.54	0.36	0.52	0.54
6/5/2010 20:15	1.09	1.15	0.79		0.76	0.53	0.34	0.51	0.53

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/5/2010 20:30	1.07	1.13	0.77		0.75	0.50	0.30	0.48	0.50
6/5/2010 20:45	1.06	1.12	0.75		0.75	0.49	0.27	0.46	0.48
6/5/2010 21:00	1.05	1.12	0.76		0.75	0.48	0.26	0.46	0.48
6/5/2010 21:15	1.04	1.11	0.75		0.74	0.47	0.23	0.44	0.47
6/5/2010 21:30	1.03	1.11	0.76		0.74	0.47	0.21	0.45	0.48
6/5/2010 21:45	1.02	1.11	0.77		0.74	0.47	0.20	0.46	0.49
6/5/2010 22:00	1.01	1.12	0.80		0.75	0.48	0.19	0.48	0.51
6/5/2010 22:15	1.01	1.13	0.83		0.75	0.50	0.19	0.51	0.54
6/5/2010 22:30	1.00	1.15	0.85		0.75	0.52	0.20	0.54	0.57
6/5/2010 22:45	1.00	1.16	0.89		0.75	0.55	0.21	0.58	0.61
6/5/2010 23:00	1.00	1.18	0.93		0.75	0.58	0.23	0.63	0.66
6/5/2010 23:15	0.99	1.19	0.96		0.75	0.60	0.25	0.67	0.69
6/5/2010 23:30	0.99	1.21	0.99		0.75	0.64	0.28	0.71	0.73
6/5/2010 23:45	1.00	1.23	1.03		0.75	0.67	0.31	0.76	0.78
6/6/2010 0:00	1.00	1.24	1.05		0.74	0.70	0.34	0.80	0.82
6/6/2010 0:15	1.00	1.25	1.06		0.74	0.72	0.35	0.83	0.85
6/6/2010 0:30	0.99	1.27	1.09		0.73	0.75	0.38	0.87	0.89
6/6/2010 0:45	1.00	1.30	1.13		0.73	0.79	0.43	0.92	0.94
6/6/2010 1:00	1.00	1.31	1.16		0.72	0.81	0.46	0.95	0.97
6/6/2010 1:15	1.01	1.33	1.20		0.71	0.85	0.49	1.00	1.02
6/6/2010 1:30	1.01	1.35	1.23		0.72	0.88	0.53	1.05	1.07
6/6/2010 1:45	1.02	1.36	1.24		0.71	0.91	0.57	1.08	1.09
6/6/2010 2:00	1.02	1.38	1.25		0.70	0.93	0.60	1.09	1.12
6/6/2010 2:15	1.02	1.38	1.26		0.69	0.94	0.63	1.11	1.13
6/6/2010 2:30	1.02	1.38	1.26		0.68	0.96	0.66	1.12	1.13
6/6/2010 2:45	1.02	1.39	1.27		0.68	0.96	0.69	1.13	1.14
6/6/2010 3:00	1.03	1.40	1.28		0.68	0.98	0.72	1.15	1.17
6/6/2010 3:15	1.03	1.40	1.28		0.67	0.99	0.74	1.16	1.17
6/6/2010 3:30	1.05	1.42	1.29		0.68	1.01	0.77	1.18	1.19
6/6/2010 3:45	1.06	1.42	1.30		0.69	1.03	0.81	1.19	1.20
6/6/2010 4:00	1.07	1.42	1.28		0.69	1.03	0.82	1.18	1.20
6/6/2010 4:15	1.07	1.41	1.26		0.69	1.02	0.83	1.16	1.17
6/6/2010 4:30	1.09	1.41	1.24		0.70	1.01	0.84	1.14	1.17
6/6/2010 4:45	1.09	1.39	1.21		0.69	0.99	0.83	1.11	1.12

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/6/2010 5:00	1.09	1.38	1.19		0.68	0.96	0.81	1.08	1.09
6/6/2010 5:15	1.09	1.37	1.19		0.68	0.95	0.80	1.07	1.09
6/6/2010 5:30	1.08	1.36	1.17		0.66	0.93	0.78	1.04	1.06
6/6/2010 5:45	1.08	1.35	1.15		0.66	0.92	0.77	1.02	1.03
6/6/2010 6:00	1.08	1.33	1.11		0.66	0.89	0.75	0.98	1.00
6/6/2010 6:15	1.08	1.32	1.08		0.66	0.87	0.73	0.95	0.96
6/6/2010 6:30	1.07	1.30	1.06		0.66	0.84	0.71	0.91	0.93
6/6/2010 6:45	1.07	1.28	1.05		0.65	0.82	0.67	0.87	0.89
6/6/2010 7:00	1.06	1.27	1.03		0.65	0.80	0.64	0.85	0.86
6/6/2010 7:15	1.05	1.26	0.99		0.63	0.76	0.61	0.80	0.82
6/6/2010 7:30	1.04	1.24	0.97		0.63	0.74	0.58	0.77	0.79
6/6/2010 7:45	1.02	1.22	0.94		0.62	0.70	0.54	0.73	0.75
6/6/2010 8:00	1.03	1.21	0.93		0.64	0.69	0.53	0.71	0.73
6/6/2010 8:15	1.01	1.19	0.89		0.61	0.65	0.48	0.66	0.68
6/6/2010 8:30	1.00	1.18	0.87		0.61	0.63	0.45	0.63	0.66
6/6/2010 8:45	0.98	1.14	0.86		0.59	0.59	0.40	0.59	0.62
6/6/2010 9:00	0.97	1.13	0.85		0.59	0.57	0.38	0.58	0.60
6/6/2010 9:15	0.95	1.12	0.83		0.58	0.55	0.34	0.55	0.57
6/6/2010 9:30	0.93	1.11	0.80		0.55	0.51	0.29	0.52	0.54
6/6/2010 9:45	0.92	1.10	0.80		0.55	0.50	0.27	0.51	0.53
6/6/2010 10:00	0.91	1.09	0.78		0.54	0.48	0.24	0.48	0.51
6/6/2010 10:15	0.89	1.08	0.80		0.53	0.47	0.22	0.48	0.50
6/6/2010 10:30	0.88	1.08	0.81		0.52	0.47	0.20	0.48	0.51
6/6/2010 10:45	0.87	1.09	0.84		0.52	0.49	0.19	0.51	0.54
6/6/2010 11:00	0.87	1.10	0.86		0.52	0.51	0.20	0.54	0.57
6/6/2010 11:15	0.86	1.11	0.88		0.52	0.52	0.21	0.57	0.59
6/6/2010 11:30	0.86	1.11	0.87		0.52	0.53	0.22	0.57	0.59
6/6/2010 11:45	0.85	1.10	0.86		0.51	0.52	0.21	0.57	0.59
6/6/2010 12:00	0.85	1.12	0.90		0.51	0.54	0.22	0.60	0.62
6/6/2010 12:15	0.84	1.13	0.93		0.50	0.55	0.22	0.62	0.64
6/6/2010 12:30	0.83	1.14	0.95		0.49	0.57	0.23	0.65	0.68
6/6/2010 12:45	0.83	1.15	0.97		0.48	0.59	0.25	0.67	0.71
6/6/2010 13:00	0.82	1.15	0.98		0.48	0.61	0.28	0.70	0.73
6/6/2010 13:15	0.83	1.16	1.00		0.49	0.63	0.31	0.72	0.75

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/6/2010 13:30	0.85	1.19	1.02		0.50	0.66	0.35	0.76	0.79
6/6/2010 13:45	0.86	1.20	1.04		0.50	0.68	0.38	0.78	0.80
6/6/2010 14:00	0.86	1.21	1.06		0.50	0.70	0.40	0.82	0.84
6/6/2010 14:15	0.86	1.21	1.07		0.49	0.71	0.42	0.82	0.85
6/6/2010 14:30	0.87	1.23	1.09		0.51	0.74	0.45	0.86	0.88
6/6/2010 14:45	0.88	1.23	1.08		0.51	0.75	0.48	0.87	0.89
6/6/2010 15:00	0.90	1.26	1.10		0.52	0.77	0.52	0.90	0.92
6/6/2010 15:15	0.90	1.26	1.09		0.52	0.78	0.53	0.90	0.92
6/6/2010 15:30	0.91	1.24	1.05		0.52	0.77	0.54	0.87	0.89
6/6/2010 15:45	0.92	1.23	1.02		0.52	0.75	0.54	0.84	0.85
6/6/2010 16:00	0.91	1.22	1.02		0.52	0.74	0.53	0.82	0.84
6/6/2010 16:15	0.92	1.23	1.04		0.52	0.74	0.53	0.84	0.86
6/6/2010 16:30	0.93	1.24	1.05		0.52	0.74	0.53	0.85	0.86
6/6/2010 16:45	0.92	1.21	1.00		0.52	0.72	0.51	0.80	0.82
6/6/2010 17:00	0.92	1.20	1.00		0.53	0.72	0.52	0.79	0.81
6/6/2010 17:15	0.93	1.18	0.94		0.54	0.70	0.51	0.75	0.77
6/6/2010 17:30	0.93	1.15	0.88		0.53	0.64	0.48	0.67	0.69
6/6/2010 17:45	0.92	1.15	0.91		0.53	0.63	0.45	0.66	0.69
6/6/2010 18:00	0.92	1.14	0.88		0.53	0.60	0.42	0.63	0.65
6/6/2010 18:15	0.91	1.13	0.86		0.53	0.58	0.39	0.61	0.63
6/6/2010 18:30	0.91	1.13	0.88		0.54	0.59	0.37	0.62	0.64
6/6/2010 18:45	0.92	1.13	0.85		0.56	0.58	0.37	0.60	0.62
6/6/2010 19:00	0.92	1.12	0.82		0.57	0.56	0.35	0.57	0.59
6/6/2010 19:15	0.92	1.07	0.74		0.58	0.51	0.34	0.50	0.51
6/6/2010 19:30	0.91	1.05	0.71		0.58	0.47	0.30	0.44	0.46
6/6/2010 19:45	0.92	1.06	0.72		0.60	0.47	0.28	0.44	0.46
6/6/2010 20:00	0.91	1.03	0.67		0.60	0.43	0.23	0.38	0.41
6/6/2010 20:15	0.91	1.02	0.68		0.62	0.41	0.21	0.37	0.39
6/6/2010 20:30	0.91	1.02	0.69		0.62	0.40	0.18	0.37	0.39
6/6/2010 20:45	0.91	1.01	0.65		0.64	0.38	0.16	0.35	0.37
6/6/2010 21:00	0.91	0.99	0.65		0.65	0.37	0.14	0.32	0.35
6/6/2010 21:15	0.91	0.99	0.64		0.66	0.36	0.12	0.31	0.34
6/6/2010 21:30	0.90	0.97	0.56		0.66	0.32	0.09	0.26	0.29
6/6/2010 21:45	0.90	0.94	0.53		0.68	0.29	0.07	0.22	0.24

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/6/2010 22:00	0.90	0.94	0.56		0.68	0.28	0.03	0.21	0.24
6/6/2010 22:15	0.90	0.95	0.58		0.69	0.28	0.01	0.22	0.25
6/6/2010 22:30	0.91	0.97	0.62		0.72	0.31	0.01	0.26	0.29
6/6/2010 22:45	0.91	0.99	0.66		0.73	0.33	0.02	0.31	0.34
6/6/2010 23:00	0.91	1.00	0.66		0.73	0.34	0.02	0.32	0.35
6/6/2010 23:15	0.91	1.01	0.68		0.74	0.36	0.03	0.34	0.37
6/6/2010 23:30	0.91	1.00	0.67		0.74	0.36	0.03	0.34	0.36
6/6/2010 23:45	0.90	1.00	0.67		0.74	0.36	0.03	0.34	0.37
6/7/2010 0:00	0.91	1.01	0.68		0.75	0.38	0.05	0.37	0.39
6/7/2010 0:15	0.89	1.00	0.67		0.74	0.36	0.04	0.35	0.38
6/7/2010 0:30	0.90	1.03	0.74		0.76	0.40	0.06	0.41	0.44
6/7/2010 0:45	0.91	1.08	0.83		0.77	0.46	0.10	0.50	0.53
6/7/2010 1:00	0.91	1.11	0.87		0.78	0.51	0.13	0.57	0.59
6/7/2010 1:15	0.91	1.13	0.91		0.78	0.55	0.17	0.63	0.65
6/7/2010 1:30	0.92	1.15	0.92		0.79	0.60	0.22	0.67	0.69
6/7/2010 1:45	0.92	1.14	0.89		0.79	0.60	0.26	0.66	0.68
6/7/2010 2:00	0.94	1.14	0.89		0.80	0.61	0.29	0.67	0.68
6/7/2010 2:15	0.93	1.13	0.89		0.79	0.61	0.30	0.66	0.69
6/7/2010 2:30	0.94	1.15	0.93		0.81	0.63	0.33	0.70	0.72
6/7/2010 2:45	0.95	1.17	0.95		0.82	0.67	0.36	0.74	0.76
6/7/2010 3:00	0.96	1.18	0.95		0.83	0.69	0.39	0.76	0.78
6/7/2010 3:15	0.96	1.19	0.97		0.83	0.70	0.41	0.77	0.79
6/7/2010 3:30	0.97	1.18	0.94		0.83	0.70	0.42	0.76	0.78
6/7/2010 3:45	0.97	1.18	0.91		0.84	0.69	0.43	0.74	0.76
6/7/2010 4:00	0.98	1.18	0.93		0.85	0.70	0.44	0.75	0.77
6/7/2010 4:15	0.98	1.18	0.92		0.85	0.69	0.44	0.74	0.76
6/7/2010 4:30	0.98	1.18	0.92		0.85	0.68	0.44	0.73	0.75
6/7/2010 4:45	0.99	1.18	0.93		0.86	0.69	0.44	0.74	0.76
6/7/2010 5:00	0.99	1.16	0.90		0.86	0.68	0.44	0.72	0.74
6/7/2010 5:15	1.00	1.16	0.87		0.88	0.68	0.45	0.70	0.72
6/7/2010 5:30	1.00	1.15	0.84		0.88	0.65	0.43	0.67	0.69
6/7/2010 5:45	1.01	1.14	0.84		0.89	0.64	0.42	0.65	0.67
6/7/2010 6:00	0.99	1.12	0.82		0.88	0.61	0.39	0.62	0.64
6/7/2010 6:15	0.99	1.12	0.81		0.89	0.61	0.38	0.60	0.63

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/7/2010 6:30	0.99	1.11	0.78		0.89	0.58	0.35	0.57	0.59
6/7/2010 6:45	1.00	1.10	0.75		0.91	0.57	0.35	0.56	0.57
6/7/2010 7:00	0.99	1.08	0.71		0.91	0.53	0.31	0.51	0.52
6/7/2010 7:15	0.99	1.05	0.68		0.90	0.50	0.29	0.46	0.48
6/7/2010 7:30	0.99	1.03	0.65		0.90	0.47	0.25	0.42	0.43
6/7/2010 7:45	0.99	1.02	0.63		0.91	0.44	0.23	0.39	0.41
6/7/2010 8:00	0.99	1.01	0.61		0.92	0.42	0.20	0.36	0.38
6/7/2010 8:15	0.99	1.00	0.59		0.91	0.39	0.16	0.33	0.35
6/7/2010 8:30	0.99	0.99	0.56		0.92	0.37	0.13	0.30	0.33
6/7/2010 8:45	0.99	0.97	0.53		0.93	0.35	0.10	0.26	0.28
6/7/2010 9:00	0.99	0.95	0.50		0.94	0.31	0.07	0.22	0.24
6/7/2010 9:15	0.99	0.92	0.46		0.93	0.27	0.03	0.16	0.19
6/7/2010 9:30	0.97	0.90	0.42		0.92	0.23	-0.02	0.11	0.13
6/7/2010 9:45	0.97	0.88	0.41		0.93	0.21	-0.05	0.08	0.11
6/7/2010 10:00	0.96	0.87	0.40		0.91	0.17	-0.10	0.05	0.08
6/7/2010 10:15	0.95	0.87	0.40		0.91	0.16	-0.14	0.04	0.07
6/7/2010 10:30	0.94	0.86	0.39		0.91	0.15	-0.17	0.03	0.05
6/7/2010 10:45	0.93	0.85	0.37		0.90	0.12	-0.20	0.00	0.03
6/7/2010 11:00	0.92	0.84	0.37		0.90	0.11	-0.23	-0.01	0.02
6/7/2010 11:15	0.91	0.83	0.36		0.90	0.10	-0.25	-0.02	0.01
6/7/2010 11:30	0.92	0.84	0.37		0.90	0.11	-0.25	-0.01	0.02
6/7/2010 11:45	0.90	0.83	0.38		0.89	0.10	-0.27	-0.01	0.02
6/7/2010 12:00	0.90	0.84	0.40		0.90	0.11	-0.27	0.01	0.04
6/7/2010 12:15	0.90	0.85	0.42		0.90	0.12	-0.27	0.03	0.06
6/7/2010 12:30	0.90	0.86	0.45		0.90	0.14	-0.27	0.06	0.09
6/7/2010 12:45	0.88	0.86	0.46		0.89	0.14	-0.27	0.07	0.10
6/7/2010 13:00	0.88	0.87	0.48		0.90	0.17	-0.26	0.10	0.13
6/7/2010 13:15	0.88	0.89	0.51		0.89	0.19	-0.24	0.14	0.17
6/7/2010 13:30	0.87	0.90	0.53		0.80	0.21	-0.22	0.17	0.20
6/7/2010 13:45	0.87	0.91	0.55		0.69	0.23	-0.19	0.20	0.23
6/7/2010 14:00	0.87	0.91	0.56		0.66	0.25	-0.16	0.23	0.25
6/7/2010 14:15	0.87	0.92	0.56		0.66	0.26	-0.14	0.23	0.26
6/7/2010 14:30	0.86	0.92	0.57		0.65	0.27	-0.13	0.24	0.27
6/7/2010 14:45	0.86	0.93	0.58		0.64	0.28	-0.11	0.26	0.29

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/7/2010 15:00	0.86	0.94	0.59		0.52	0.30	-0.09	0.28	0.30
6/7/2010 15:15	0.86	0.95	0.60		0.50	0.32	-0.06	0.30	0.32
6/7/2010 15:30	0.85	0.94	0.60		0.49	0.32	-0.06	0.30	0.33
6/7/2010 15:45	0.87	0.95	0.62		0.51	0.35	-0.02	0.33	0.36
6/7/2010 16:00	0.86	0.95	0.60		0.51	0.33	-0.02	0.32	0.34
6/7/2010 16:15	0.87	0.94	0.60		0.51	0.34	0.00	0.32	0.34
6/7/2010 16:30	0.86	0.94	0.58		0.50	0.33	-0.01	0.30	0.32
6/7/2010 16:45	0.85	0.93	0.57		0.50	0.31	-0.01	0.28	0.31
6/7/2010 17:00	0.86	0.92	0.56		0.51	0.32	0.00	0.28	0.31
6/7/2010 17:15	0.86	0.92	0.55		0.51	0.30	-0.01	0.26	0.29
6/7/2010 17:30	0.86	0.91	0.56		0.52	0.30	-0.01	0.26	0.29
6/7/2010 17:45	0.84	0.90	0.54		0.50	0.28	-0.04	0.24	0.27
6/7/2010 18:00	0.85	0.90	0.55		0.51	0.29	-0.04	0.25	0.28
6/7/2010 18:15	0.84	0.91	0.56		0.52	0.29	-0.04	0.25	0.28
6/7/2010 18:30	0.84	0.90	0.54		0.51	0.29	-0.04	0.25	0.27
6/7/2010 18:45	0.84	0.90	0.52		0.52	0.27	-0.04	0.23	0.25
6/7/2010 19:00	0.84	0.88	0.50		0.52	0.25	-0.05	0.20	0.23
6/7/2010 19:15	0.84	0.89	0.51		0.53	0.25	-0.06	0.20	0.23
6/7/2010 19:30	0.84	0.88	0.49		0.53	0.24	-0.07	0.19	0.22
6/7/2010 19:45	0.83	0.87	0.48		0.53	0.23	-0.09	0.17	0.20
6/7/2010 20:00	0.84	0.88	0.48		0.55	0.23	-0.09	0.17	0.20
6/7/2010 20:15	0.85	0.89	0.50		0.56	0.24	-0.09	0.18	0.21
6/7/2010 20:30	0.85	0.89	0.49		0.56	0.23	-0.10	0.18	0.21
6/7/2010 20:45	0.86	0.90	0.51		0.57	0.25	-0.09	0.20	0.23
6/7/2010 21:00	0.85	0.90	0.53		0.57	0.25	-0.09	0.21	0.24
6/7/2010 21:15	0.86	0.90	0.54		0.58	0.27	-0.08	0.23	0.26
6/7/2010 21:30	0.86	0.90	0.54		0.58	0.27	-0.08	0.23	0.26
6/7/2010 21:45	0.86	0.92	0.55		0.59	0.29	-0.06	0.25	0.28
6/7/2010 22:00	0.86	0.92	0.56		0.60	0.30	-0.06	0.27	0.30
6/7/2010 22:15	0.87	0.94	0.60		0.61	0.32	-0.03	0.30	0.34
6/7/2010 22:30	0.87	0.94	0.60		0.61	0.34	-0.02	0.32	0.35
6/7/2010 22:45	0.88	0.96	0.64		0.62	0.36	0.00	0.36	0.39
6/7/2010 23:00	0.88	0.98	0.68		0.63	0.40	0.03	0.40	0.44
6/7/2010 23:15	0.88	1.00	0.71		0.63	0.43	0.06	0.45	0.48

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/7/2010 23:30	0.88	1.03	0.75		0.63	0.46	0.09	0.50	0.52
6/7/2010 23:45	0.90	1.06	0.80		0.65	0.51	0.14	0.56	0.59
6/8/2010 0:00	0.90	1.07	0.82		0.65	0.54	0.18	0.59	0.62
6/8/2010 0:15	0.90	1.08	0.83		0.64	0.56	0.20	0.62	0.65
6/8/2010 0:30	0.90	1.10	0.86		0.64	0.59	0.24	0.66	0.69
6/8/2010 0:45	0.91	1.13	0.91		0.66	0.63	0.29	0.72	0.74
6/8/2010 1:00	0.92	1.16	0.96		0.66	0.68	0.33	0.77	0.80
6/8/2010 1:15	0.93	1.18	1.00		0.67	0.72	0.38	0.83	0.86
6/8/2010 1:30	0.95	1.22	1.04		0.68	0.78	0.44	0.90	0.92
6/8/2010 1:45	0.96	1.24	1.07		0.68	0.82	0.49	0.95	0.98
6/8/2010 2:00	0.98	1.26	1.11		0.70	0.86	0.56	1.00	1.03
6/8/2010 2:15	0.99	1.28	1.14		0.70	0.90	0.61	1.05	1.07
6/8/2010 2:30	1.00	1.30	1.17		0.70	0.93	0.66	1.09	1.11
6/8/2010 2:45	1.01	1.32	1.19		0.71	0.97	0.70	1.13	1.15
6/8/2010 3:00	1.03	1.35	1.23		0.72	1.01	0.75	1.19	1.20
6/8/2010 3:15	1.04	1.37	1.26		0.72	1.05	0.80	1.23	1.24
6/8/2010 3:30	1.05	1.39	1.27		0.73	1.07	0.84	1.26	1.27
6/8/2010 3:45	1.07	1.41	1.30		0.74	1.11	0.89	1.30	1.31
6/8/2010 4:00	1.08	1.42	1.30		0.74	1.13	0.92	1.32	1.33
6/8/2010 4:15	1.09	1.43	1.31		0.74	1.15	0.95	1.34	1.34
6/8/2010 4:30	1.12	1.45	1.33		0.75	1.17	0.98	1.36	1.37
6/8/2010 4:45	1.12	1.45	1.33		0.75	1.18	1.00	1.37	1.38
6/8/2010 5:00	1.13	1.46	1.33		0.75	1.19	1.02	1.38	1.38
6/8/2010 5:15	1.14	1.47	1.33		0.75	1.20	1.04	1.38	1.39
6/8/2010 5:30	1.16	1.47	1.32		0.76	1.21	1.06	1.39	1.39
6/8/2010 5:45	1.17	1.47	1.32		0.77	1.21	1.07	1.39	1.39
6/8/2010 6:00	1.19	1.48	1.31		0.78	1.22	1.08	1.38	1.38
6/8/2010 6:15	1.20	1.48	1.31		0.79	1.22	1.09	1.37	1.38
6/8/2010 6:30	1.21	1.47	1.28		0.79	1.20	1.08	1.35	1.35
6/8/2010 6:45	1.22	1.47	1.26		0.80	1.19	1.07	1.32	1.33
6/8/2010 7:00	1.23	1.46	1.24		0.80	1.17	1.05	1.30	1.31
6/8/2010 7:15	1.24	1.45	1.22		0.81	1.16	1.04	1.28	1.29
6/8/2010 7:30	1.24	1.44	1.18		0.81	1.13	1.01	1.23	1.25
6/8/2010 7:45	1.25	1.44	1.18		0.81	1.12	0.99	1.21	1.23

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/8/2010 8:00	1.26	1.42	1.14		0.81	1.08	0.96	1.17	1.19
6/8/2010 8:15	1.25	1.40	1.10		0.81	1.04	0.93	1.12	1.13
6/8/2010 8:30	1.27	1.39	1.09		0.83	1.03	0.91	1.10	1.12
6/8/2010 8:45	1.28	1.38	1.06		0.83	1.01	0.88	1.06	1.08
6/8/2010 9:00	1.28	1.36	1.03		0.83	0.97	0.84	1.01	1.03
6/8/2010 9:15	1.28	1.35	1.02		0.84	0.95	0.81	0.99	1.01
6/8/2010 9:30	1.28	1.33	0.98		0.83	0.92	0.77	0.94	0.96
6/8/2010 9:45	1.26	1.29	0.93		0.82	0.86	0.71	0.87	0.89
6/8/2010 10:00	1.25	1.27	0.89		0.82	0.82	0.67	0.82	0.84
6/8/2010 10:15	1.24	1.24	0.84		0.81	0.78	0.62	0.76	0.78
6/8/2010 10:30	1.24	1.21	0.81		0.81	0.73	0.57	0.70	0.73
6/8/2010 10:45	1.23	1.20	0.79		0.80	0.70	0.52	0.66	0.69
6/8/2010 11:00	1.21	1.17	0.77		0.79	0.66	0.47	0.62	0.65
6/8/2010 11:15	1.21	1.17	0.77		0.80	0.65	0.44	0.61	0.63
6/8/2010 11:30	1.19	1.15	0.74		0.78	0.61	0.39	0.57	0.60
6/8/2010 11:45	1.18	1.15	0.73		0.78	0.60	0.36	0.55	0.58
6/8/2010 12:00	1.15	1.12	0.70		0.76	0.55	0.31	0.51	0.54
6/8/2010 12:15	1.15	1.11	0.70		0.77	0.54	0.29	0.50	0.53
6/8/2010 12:30	1.14	1.11	0.70		0.77	0.53	0.26	0.49	0.52
6/8/2010 12:45	1.12	1.10	0.69		0.75	0.51	0.23	0.46	0.50
6/8/2010 13:00	1.11	1.10	0.71		0.75	0.51	0.21	0.48	0.51
6/8/2010 13:15	1.10	1.12	0.74		0.75	0.52	0.21	0.50	0.54
6/8/2010 13:30	1.09	1.10	0.72		0.74	0.52	0.20	0.49	0.53
6/8/2010 13:45	1.09	1.11	0.74		0.75	0.53	0.21	0.51	0.54
6/8/2010 14:00	1.08	1.12	0.76		0.75	0.54	0.21	0.53	0.56
6/8/2010 14:15	1.07	1.11	0.75		0.74	0.53	0.20	0.52	0.56
6/8/2010 14:30	1.06	1.10	0.74		0.74	0.53	0.21	0.52	0.55
6/8/2010 14:45	1.06	1.10	0.75		0.74	0.53	0.21	0.53	0.56
6/8/2010 15:00	1.05	1.11	0.77		0.74	0.55	0.22	0.55	0.58
6/8/2010 15:15	1.05	1.11	0.77		0.74	0.55	0.23	0.56	0.59
6/8/2010 15:30	1.05	1.11	0.76		0.74	0.56	0.24	0.56	0.59
6/8/2010 15:45	1.04	1.12	0.78		0.74	0.56	0.24	0.57	0.60
6/8/2010 16:00	1.04	1.12	0.79		0.74	0.57	0.26	0.59	0.62
6/8/2010 16:15	1.04	1.13	0.79		0.74	0.58	0.26	0.59	0.62

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/8/2010 16:30	1.04	1.13	0.80		0.75	0.59	0.28	0.61	0.64
6/8/2010 16:45	1.03	1.12	0.78		0.74	0.59	0.28	0.60	0.63
6/8/2010 17:00	1.04	1.12	0.78		0.75	0.59	0.29	0.60	0.62
6/8/2010 17:15	1.03	1.11	0.75		0.74	0.57	0.28	0.57	0.60
6/8/2010 17:30	1.03	1.10	0.74		0.75	0.56	0.28	0.56	0.59
6/8/2010 17:45	1.02	1.10	0.74		0.74	0.55	0.27	0.55	0.58
6/8/2010 18:00	1.01	1.08	0.71		0.73	0.53	0.25	0.52	0.54
6/8/2010 18:15	1.01	1.07	0.69		0.74	0.52	0.25	0.50	0.53
6/8/2010 18:30	1.01	1.06	0.68		0.74	0.50	0.23	0.48	0.51
6/8/2010 18:45	1.00	1.05	0.66		0.74	0.49	0.21	0.46	0.49
6/8/2010 19:00	1.00	1.03	0.62		0.74	0.46	0.19	0.42	0.45
6/8/2010 19:15	1.00	1.03	0.62		0.75	0.45	0.17	0.40	0.43
6/8/2010 19:30	1.01	1.03	0.64		0.76	0.45	0.16	0.41	0.44
6/8/2010 19:45	1.01	1.02	0.61		0.76	0.43	0.14	0.38	0.42
6/8/2010 20:00	1.01	1.01	0.60		0.76	0.42	0.12	0.37	0.40
6/8/2010 20:15	1.00	1.00	0.60		0.76	0.41	0.11	0.36	0.39
6/8/2010 20:30	1.00	0.99	0.57		0.76	0.39	0.09	0.33	0.36
6/8/2010 20:45	1.00	0.98	0.55		0.77	0.37	0.07	0.31	0.34
6/8/2010 21:00	1.00	0.97	0.54		0.77	0.36	0.05	0.29	0.33
6/8/2010 21:15	0.99	0.96	0.52		0.77	0.34	0.03	0.27	0.30
6/8/2010 21:30	1.00	0.96	0.53		0.78	0.34	0.02	0.26	0.30
6/8/2010 21:45	1.00	0.97	0.53		0.79	0.34	0.01	0.27	0.30
6/8/2010 22:00	1.00	0.96	0.51		0.79	0.33	0.00	0.25	0.28
6/8/2010 22:15	1.01	0.97	0.54		0.80	0.33	-0.01	0.26	0.30
6/8/2010 22:30	1.00	0.96	0.53		0.79	0.32	-0.02	0.26	0.29
6/8/2010 22:45	1.00	0.97	0.54		0.80	0.33	-0.02	0.26	0.29
6/8/2010 23:00	0.99	0.96	0.55		0.79	0.33	-0.03	0.27	0.30
6/8/2010 23:15	1.00	0.98	0.57		0.80	0.34	-0.02	0.29	0.33
6/8/2010 23:30	0.99	0.98	0.58		0.79	0.34	-0.02	0.30	0.34
6/8/2010 23:45	0.99	0.99	0.61		0.79	0.36	-0.01	0.33	0.37
6/9/2010 0:00	0.99	1.00	0.64		0.80	0.39	0.01	0.37	0.40
6/9/2010 0:15	0.98	1.02	0.67		0.80	0.41	0.03	0.41	0.44
6/9/2010 0:30	0.98	1.05	0.72		0.80	0.45	0.07	0.46	0.49
6/9/2010 0:45	0.99	1.08	0.76		0.82	0.50	0.11	0.52	0.55

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/9/2010 1:00	1.00	1.09	0.81		0.83	0.54	0.16	0.58	0.61
6/9/2010 1:15	0.99	1.11	0.83		0.81	0.56	0.19	0.61	0.64
6/9/2010 1:30	0.99	1.13	0.86		0.82	0.60	0.23	0.66	0.69
6/9/2010 1:45	1.00	1.16	0.91		0.82	0.65	0.28	0.72	0.76
6/9/2010 2:00	1.01	1.21	0.98		0.83	0.71	0.35	0.81	0.84
6/9/2010 2:15	1.02	1.24	1.03		0.84	0.76	0.41	0.88	0.91
6/9/2010 2:30	1.02	1.26	1.07		0.83	0.81	0.46	0.94	0.97
6/9/2010 2:45	1.03	1.29	1.11		0.84	0.86	0.52	0.99	1.03
6/9/2010 3:00	1.04	1.30	1.14		0.83	0.89	0.57	1.04	1.07
6/9/2010 3:15	1.05	1.34	1.19		0.83	0.94	0.63	1.11	1.14
6/9/2010 3:30	1.04	1.34	1.22		0.82	0.97	0.67	1.15	1.18
6/9/2010 3:45	1.05	1.38	1.27		0.82	1.02	0.74	1.21	1.24
6/9/2010 4:00	1.07	1.42	1.31		0.83	1.08	0.81	1.29	1.31
6/9/2010 4:15	1.08	1.44	1.34		0.84	1.13	0.87	1.34	1.37
6/9/2010 4:30	1.09	1.47	1.38		0.84	1.17	0.93	1.39	1.42
6/9/2010 4:45	1.12	1.49	1.40		0.86	1.22	0.99	1.44	1.46
6/9/2010 5:00	1.12	1.50	1.40		0.85	1.24	1.03	1.46	1.48
6/9/2010 5:15	1.13	1.51	1.41		0.85	1.26	1.07	1.48	1.50
6/9/2010 5:30	1.16	1.53	1.44		0.86	1.29	1.11	1.52	1.54
6/9/2010 5:45	1.16	1.54	1.45		0.86	1.31	1.14	1.54	1.56
6/9/2010 6:00	1.17	1.55	1.46		0.86	1.33	1.17	1.56	1.58
6/9/2010 6:15	1.19	1.57	1.47		0.86	1.35	1.20	1.58	1.60
6/9/2010 6:30	1.19	1.57	1.46		0.86	1.36	1.22	1.59	1.60
6/9/2010 6:45	1.21	1.58	1.46		0.87	1.38	1.24	1.59	1.61
6/9/2010 7:00	1.22	1.58	1.45		0.87	1.37	1.25	1.58	1.60
6/9/2010 7:15	1.22	1.56	1.42		0.86	1.36	1.25	1.56	1.58
6/9/2010 7:30	1.23	1.56	1.41		0.86	1.35	1.25	1.54	1.56
6/9/2010 7:45	1.24	1.55	1.40		0.86	1.34	1.24	1.53	1.54
6/9/2010 8:00	1.24	1.55	1.39		0.86	1.33	1.23	1.51	1.53
6/9/2010 8:15	1.24	1.54	1.38		0.85	1.31	1.21	1.49	1.50
6/9/2010 8:30	1.25	1.53	1.36		0.85	1.30	1.20	1.46	1.48
6/9/2010 8:45	1.25	1.52	1.34		0.84	1.28	1.18	1.44	1.45
6/9/2010 9:00	1.25	1.51	1.29		0.83	1.24	1.15	1.39	1.40
6/9/2010 9:15	1.25	1.49	1.26		0.83	1.21	1.12	1.34	1.36

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/9/2010 9:30	1.25	1.48	1.23		0.83	1.18	1.09	1.30	1.32
6/9/2010 9:45	1.25	1.45	1.20		0.81	1.15	1.05	1.26	1.28
6/9/2010 10:00	1.25	1.45	1.20		0.81	1.13	1.02	1.23	1.25
6/9/2010 10:15	1.24	1.43	1.18		0.80	1.10	0.98	1.21	1.22
6/9/2010 10:30	1.23	1.42	1.17		0.79	1.08	0.94	1.18	1.18
6/9/2010 10:45	1.22	1.40	1.15		0.78	1.05	0.91	1.14	1.15
6/9/2010 11:00	1.21	1.39	1.13		0.77	1.02	0.88	1.12	1.13
6/9/2010 11:15	1.21	1.38	1.11		0.75	1.00	0.85	1.09	1.10
6/9/2010 11:30	1.20	1.37	1.12		0.74	0.98	0.82	1.08	1.09
6/9/2010 11:45	1.19	1.36	1.12		0.74	0.98	0.80	1.07	1.09
6/9/2010 12:00	1.19	1.38	1.14		0.74	0.99	0.79	1.09	1.11
6/9/2010 12:15	1.19	1.38	1.16		0.73	0.99	0.79	1.10	1.12
6/9/2010 12:30	1.18	1.40	1.20		0.74	1.02	0.80	1.14	1.16
6/9/2010 12:45	1.18	1.41	1.20		0.74	1.04	0.81	1.16	1.18
6/9/2010 13:00	1.18	1.40	1.19		0.73	1.04	0.81	1.15	1.17
6/9/2010 13:15	1.18	1.42	1.23		0.73	1.06	0.83	1.18	1.21
6/9/2010 13:30	1.19	1.45	1.27		0.72	1.09	0.84	1.22	1.25
6/9/2010 13:45	1.17	1.45	1.28		0.70	1.09	0.84	1.24	1.26
6/9/2010 14:00	1.16	1.45	1.31		0.69	1.11	0.83	1.27	1.30
6/9/2010 14:15	1.16	1.48	1.33		0.70	1.14	0.85	1.31	1.34
6/9/2010 14:30	1.17	1.48	1.33		0.70	1.16	0.86	1.33	1.35
6/9/2010 14:45	1.15	1.47	1.31		0.67	1.14	0.83	1.31	1.32
6/9/2010 15:00	1.15	1.47	1.33		0.66	1.14	0.82	1.31	1.33
6/9/2010 15:15	1.15	1.50	1.38		0.65	1.16	0.82	1.36	1.38
6/9/2010 15:30	1.14	1.52	1.45		0.65	1.20	0.82	1.43	1.45
6/9/2010 15:45	1.14	1.56	1.52		0.64	1.26	0.82	1.50	1.53
6/9/2010 16:00	1.15	1.59	1.56		0.64	1.31	0.82	1.57	1.60
6/9/2010 16:15	1.16	1.61	1.57		0.65	1.35	0.83	1.61	1.63
6/9/2010 16:30	1.16	1.61	1.57		0.64	1.37	0.83	1.63	1.64
6/9/2010 16:45	1.16	1.62	1.58		0.63	1.38	0.83	1.64	1.66
6/9/2010 17:00	1.16	1.62	1.56		0.62	1.39	0.83	1.65	1.66
6/9/2010 17:15	1.16	1.61	1.55		0.61	1.39	0.83	1.64	1.65
6/9/2010 17:30	1.16	1.62	1.58		0.60	1.40	0.83	1.65	1.67
6/9/2010 17:45	1.17	1.63	1.59		0.60	1.42	0.84	1.68	1.69

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/9/2010 18:00	1.16	1.64	1.60		0.59	1.43	0.81	1.69	1.70
6/9/2010 18:15	1.16	1.65	1.61		0.58	1.44	0.81	1.70	1.71
6/9/2010 18:30	1.18	1.65	1.59		0.60	1.45	0.83	1.71	1.71
6/9/2010 18:45	1.17	1.63	1.56		0.57	1.43	0.82	1.66	1.67
6/9/2010 19:00	1.19	1.63	1.54		0.58	1.42	0.84	1.65	1.65
6/9/2010 19:15	1.19	1.62	1.54		0.58	1.41	0.84	1.64	1.64
6/9/2010 19:30	1.18	1.60	1.50		0.56	1.39	0.83	1.60	1.61
6/9/2010 19:45	1.19	1.60	1.50		0.56	1.37	0.83	1.58	1.59
6/9/2010 20:00	1.20	1.61	1.51		0.56	1.37	0.84	1.58	1.60
6/9/2010 20:15	1.19	1.59	1.49		0.55	1.36	0.84	1.56	1.58
6/9/2010 20:30	1.20	1.59	1.48		0.55	1.35	0.84	1.55	1.56
6/9/2010 20:45	1.21	1.58	1.46		0.55	1.34	0.84	1.53	1.54
6/9/2010 21:00	1.20	1.56	1.44		0.54	1.31	0.83	1.49	1.50
6/9/2010 21:15	1.21	1.56	1.43		0.53	1.29	0.84	1.47	1.48
6/9/2010 21:30	1.21	1.56	1.43		0.53	1.29	0.84	1.46	1.48
6/9/2010 21:45	1.22	1.56	1.43		0.53	1.28	0.84	1.46	1.48
6/9/2010 22:00	1.23	1.56	1.41		0.54	1.29	0.86	1.45	1.47
6/9/2010 22:15	1.24	1.55	1.38		0.54	1.26	0.86	1.42	1.43
6/9/2010 22:30	1.24	1.53	1.35		0.54	1.24	0.86	1.38	1.39
6/9/2010 22:45	1.24	1.52	1.33		0.54	1.21	0.86	1.35	1.36
6/9/2010 23:00	1.24	1.51	1.33		0.54	1.20	0.86	1.33	1.35
6/9/2010 23:15	1.25	1.52	1.34		0.54	1.19	0.86	1.33	1.34
6/9/2010 23:30	1.24	1.51	1.33		0.53	1.17	0.85	1.31	1.33
6/9/2010 23:45	1.25	1.51	1.32		0.53	1.17	0.86	1.31	1.32
6/10/2010 0:00	1.25	1.50	1.31		0.53	1.16	0.86	1.29	1.31
6/10/2010 0:15	1.25	1.50	1.30		0.53	1.14	0.86	1.27	1.29
6/10/2010 0:30	1.26	1.49	1.31		0.53	1.14	0.86	1.27	1.29
6/10/2010 0:45	1.26	1.50	1.33		0.53	1.14	0.86	1.28	1.30
6/10/2010 1:00	1.25	1.50	1.34		0.52	1.14	0.85	1.29	1.30
6/10/2010 1:15	1.25	1.52	1.37		0.52	1.15	0.86	1.31	1.33
6/10/2010 1:30	1.27	1.53	1.38		0.54	1.18	0.87	1.34	1.36
6/10/2010 1:45	1.26	1.53	1.39		0.53	1.18	0.86	1.34	1.36
6/10/2010 2:00	1.28	1.55	1.41		0.54	1.21	0.87	1.37	1.39
6/10/2010 2:15	1.28	1.56	1.42		0.54	1.22	0.87	1.39	1.41

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/10/2010 2:30	1.29	1.59	1.46		0.55	1.25	0.88	1.43	1.45
6/10/2010 2:45	1.30	1.60	1.48		0.56	1.27	0.89	1.46	1.48
6/10/2010 3:00	1.30	1.60	1.49		0.55	1.28	0.88	1.48	1.50
6/10/2010 3:15	1.32	1.64	1.54		0.57	1.33	0.90	1.53	1.55
6/10/2010 3:30	1.32	1.65	1.56		0.57	1.35	0.90	1.57	1.58
6/10/2010 3:45	1.35	1.69	1.61		0.58	1.39	0.91	1.63	1.64
6/10/2010 4:00	1.34	1.68	1.61		0.57	1.40	0.90	1.63	1.65
6/10/2010 4:15	1.35	1.70	1.63		0.58	1.43	0.91	1.66	1.68
6/10/2010 4:30	1.36	1.71	1.65		0.58	1.45	0.91	1.69	1.70
6/10/2010 4:45	1.37	1.73	1.66		0.58	1.47	0.91	1.72	1.73
6/10/2010 5:00	1.38	1.73	1.67		0.58	1.49	0.91	1.73	1.74
6/10/2010 5:15	1.40	1.75	1.69		0.59	1.51	0.92	1.76	1.76
6/10/2010 5:30	1.42	1.77	1.70		0.61	1.53	0.93	1.79	1.79
6/10/2010 5:45	1.43	1.77	1.69		0.61	1.54	0.93	1.79	1.79
6/10/2010 6:00	1.44	1.78	1.69		0.61	1.54	0.93	1.79	1.79
6/10/2010 6:15	1.45	1.78	1.69		0.61	1.55	0.93	1.79	1.79
6/10/2010 6:30	1.45	1.77	1.66		0.61	1.54	0.93	1.77	1.77
6/10/2010 6:45	1.47	1.76	1.65		0.61	1.53	0.94	1.76	1.75
6/10/2010 7:00	1.47	1.75	1.62		0.61	1.51	0.94	1.72	1.72
6/10/2010 7:15	1.48	1.74	1.61		0.62	1.50	0.96	1.71	1.72
6/10/2010 7:30	1.48	1.73	1.59		0.62	1.48	0.96	1.68	1.69
6/10/2010 7:45	1.50	1.73	1.59		0.62	1.47	0.97	1.66	1.67
6/10/2010 8:00	1.51	1.72	1.55		0.62	1.45	0.97	1.62	1.63
6/10/2010 8:15	1.51	1.70	1.51		0.62	1.42	0.96	1.57	1.58
6/10/2010 8:30	1.51	1.67	1.47		0.61	1.38	0.96	1.52	1.53
6/10/2010 8:45	1.50	1.66	1.44		0.61	1.34	0.96	1.48	1.49
6/10/2010 9:00	1.50	1.64	1.42		0.61	1.31	0.95	1.44	1.45
6/10/2010 9:15	1.50	1.63	1.40		0.61	1.28	0.95	1.40	1.42
6/10/2010 9:30	1.50	1.61	1.36		0.60	1.25	0.95	1.36	1.37
6/10/2010 9:45	1.50	1.59	1.33		0.60	1.22	0.94	1.31	1.33
6/10/2010 10:00	1.49	1.55	1.27		0.59	1.17	0.93	1.25	1.26
6/10/2010 10:15	1.48	1.52	1.23		0.58	1.12	0.92	1.18	1.20
6/10/2010 10:30	1.47	1.50	1.19		0.58	1.07	0.92	1.13	1.14
6/10/2010 10:45	1.46	1.47	1.15		0.57	1.02	0.92	1.07	1.08

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/10/2010 11:00	1.46	1.45	1.11		0.57	0.98	0.91	1.01	1.03
6/10/2010 11:15	1.44	1.41	1.07		0.55	0.93	0.86	0.95	0.95
6/10/2010 11:30	1.42	1.39	1.02		0.55	0.88	0.80	0.89	0.90
6/10/2010 11:45	1.41	1.36	0.98		0.55	0.83	0.75	0.83	0.83
6/10/2010 12:00	1.40	1.33	0.93		0.54	0.78	0.69	0.76	0.77
6/10/2010 12:15	1.38	1.30	0.88		0.54	0.73	0.62	0.69	0.70
6/10/2010 12:30	1.37	1.26	0.85		0.53	0.69	0.57	0.64	0.65
6/10/2010 12:45	1.35	1.24	0.81		0.53	0.64	0.51	0.59	0.60
6/10/2010 13:00	1.32	1.21	0.78		0.51	0.58	0.43	0.52	0.54
6/10/2010 13:15	1.31	1.20	0.76		0.52	0.55	0.38	0.50	0.51
6/10/2010 13:30	1.29	1.18	0.74		0.51	0.51	0.32	0.45	0.46
6/10/2010 13:45	1.27	1.15	0.72		0.49	0.48	0.26	0.40	0.43
6/10/2010 14:00	1.25	1.14	0.71		0.49	0.46	0.17	0.39	0.41
6/10/2010 14:15	1.23	1.13	0.70		0.49	0.44	0.10	0.36	0.39
6/10/2010 14:30	1.22	1.11	0.69		0.49	0.42	0.07	0.35	0.37
6/10/2010 14:45	1.20	1.11	0.69		0.49	0.40	0.05	0.34	0.37
6/10/2010 15:00	1.19	1.10	0.69		0.49	0.40	0.05	0.33	0.37
6/10/2010 15:15	1.17	1.09	0.68		0.47	0.38	0.04	0.32	0.35
6/10/2010 15:30	1.16	1.09	0.70		0.47	0.39	0.04	0.34	0.37
6/10/2010 15:45	1.15	1.10	0.73		0.48	0.40	0.06	0.36	0.39
6/10/2010 16:00	1.15	1.12	0.76		0.49	0.42	0.10	0.40	0.43
6/10/2010 16:15	1.14	1.13	0.77		0.49	0.44	0.12	0.42	0.45
6/10/2010 16:30	1.13	1.12	0.78		0.49	0.45	0.14	0.43	0.46
6/10/2010 16:45	1.11	1.12	0.77		0.48	0.44	0.14	0.43	0.46
6/10/2010 17:00	1.10	1.11	0.77		0.48	0.45	0.15	0.44	0.47
6/10/2010 17:15	1.11	1.12	0.78		0.49	0.46	0.16	0.45	0.48
6/10/2010 17:30	1.10	1.12	0.78		0.49	0.47	0.16	0.46	0.48
6/10/2010 17:45	1.09	1.12	0.77		0.49	0.47	0.16	0.46	0.48
6/10/2010 18:00	1.09	1.12	0.77		0.49	0.47	0.17	0.46	0.49
6/10/2010 18:15	1.08	1.12	0.78		0.49	0.47	0.17	0.46	0.49
6/10/2010 18:30	1.07	1.11	0.77		0.49	0.46	0.17	0.46	0.48
6/10/2010 18:45	1.07	1.11	0.77		0.50	0.47	0.17	0.47	0.49
6/10/2010 19:00	1.07	1.12	0.77		0.51	0.48	0.18	0.48	0.50
6/10/2010 19:15	1.07	1.11	0.74		0.51	0.47	0.17	0.46	0.48

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/10/2010 19:30	1.07	1.09	0.73		0.51	0.46	0.15	0.45	0.46
6/10/2010 19:45	1.07	1.09	0.72		0.52	0.45	0.15	0.43	0.46
6/10/2010 20:00	1.06	1.07	0.70		0.52	0.44	0.12	0.41	0.43
6/10/2010 20:15	1.06	1.06	0.69		0.52	0.42	0.11	0.39	0.42
6/10/2010 20:30	1.06	1.06	0.68		0.53	0.42	0.10	0.38	0.41
6/10/2010 20:45	1.06	1.06	0.67		0.54	0.41	0.09	0.38	0.41
6/10/2010 21:00	1.06	1.06	0.67		0.55	0.41	0.08	0.37	0.40
6/10/2010 21:15	1.07	1.04	0.65		0.56	0.40	0.07	0.35	0.38
6/10/2010 21:30	1.07	1.03	0.64		0.57	0.38	0.06	0.34	0.37
6/10/2010 21:45	1.07	1.03	0.62		0.58	0.36	0.04	0.32	0.35
6/10/2010 22:00	1.07	1.02	0.60		0.59	0.35	0.02	0.30	0.33
6/10/2010 22:15	1.07	1.02	0.60		0.60	0.35	0.01	0.29	0.32
6/10/2010 22:30	1.08	1.02	0.60		0.61	0.34	0.00	0.28	0.31
6/10/2010 22:45	1.08	1.02	0.61		0.62	0.34	0.00	0.28	0.32
6/10/2010 23:00	1.07	1.01	0.60		0.61	0.33	-0.01	0.28	0.31
6/10/2010 23:15	1.07	1.00	0.59		0.61	0.32	-0.02	0.26	0.29
6/10/2010 23:30	1.06	1.00	0.59		0.61	0.31	-0.03	0.26	0.29
6/10/2010 23:45	1.06	0.99	0.59		0.61	0.31	-0.04	0.25	0.28
6/11/2010 0:00	1.06	1.00	0.59		0.62	0.31	-0.03	0.26	0.29
6/11/2010 0:15	1.06	1.01	0.61		0.63	0.32	-0.02	0.28	0.31
6/11/2010 0:30	1.06	1.01	0.62		0.64	0.33	0.00	0.29	0.32
6/11/2010 0:45	1.07	1.04	0.66		0.66	0.36	0.03	0.33	0.37
6/11/2010 1:00	1.06	1.05	0.70		0.65	0.38	0.06	0.37	0.40
6/11/2010 1:15	1.07	1.08	0.75		0.66	0.42	0.12	0.43	0.46
6/11/2010 1:30	1.07	1.10	0.80		0.67	0.46	0.17	0.49	0.52
6/11/2010 1:45	1.07	1.12	0.84		0.67	0.50	0.23	0.54	0.57
6/11/2010 2:00	1.08	1.15	0.85		0.68	0.55	0.28	0.59	0.62
6/11/2010 2:15	1.08	1.16	0.89		0.70	0.58	0.34	0.64	0.67
6/11/2010 2:30	1.09	1.19	0.94		0.70	0.62	0.39	0.70	0.73
6/11/2010 2:45	1.10	1.24	1.02		0.72	0.69	0.47	0.80	0.82
6/11/2010 3:00	1.11	1.28	1.09		0.72	0.76	0.56	0.89	0.91
6/11/2010 3:15	1.12	1.32	1.17		0.73	0.83	0.65	0.98	1.00
6/11/2010 3:30	1.14	1.37	1.24		0.74	0.91	0.75	1.08	1.10
6/11/2010 3:45	1.15	1.40	1.27		0.75	0.96	0.82	1.15	1.17

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/11/2010 4:00	1.16	1.42	1.30		0.75	1.01	0.88	1.21	1.22
6/11/2010 4:15	1.18	1.45	1.34		0.76	1.06	0.94	1.26	1.27
6/11/2010 4:30	1.20	1.48	1.38		0.76	1.11	1.00	1.32	1.33
6/11/2010 4:45	1.21	1.51	1.43		0.77	1.16	1.06	1.38	1.39
6/11/2010 5:00	1.23	1.55	1.49		0.77	1.21	1.12	1.46	1.47
6/11/2010 5:15	1.26	1.59	1.54		0.80	1.29	1.21	1.55	1.56
6/11/2010 5:30	1.29	1.62	1.58		0.81	1.35	1.28	1.61	1.61
6/11/2010 5:45	1.30	1.64	1.60		0.82	1.39	1.33	1.65	1.66
6/11/2010 6:00	1.32	1.67	1.63		0.83	1.43	1.38	1.70	1.71
6/11/2010 6:15	1.35	1.70	1.65		0.84	1.48	1.42	1.75	1.75
6/11/2010 6:30	1.38	1.73	1.69		0.86	1.52	1.47	1.80	1.81
6/11/2010 6:45	1.40	1.75	1.70		0.86	1.55	1.50	1.82	1.83
6/11/2010 7:00	1.42	1.77	1.72		0.87	1.58	1.54	1.86	1.86
6/11/2010 7:15	1.43	1.77	1.71		0.87	1.59	1.56	1.87	1.87
6/11/2010 7:30	1.45	1.77	1.70		0.89	1.60	1.56	1.86	1.87
6/11/2010 7:45	1.48	1.77	1.68		0.90	1.61	1.56	1.86	1.86
6/11/2010 8:00	1.49	1.77	1.66		0.89	1.59	1.54	1.84	1.84
6/11/2010 8:15	1.50	1.76	1.65		0.89	1.58	1.52	1.82	1.82
6/11/2010 8:30	1.51	1.77	1.65		0.90	1.59	1.52	1.82	1.82
6/11/2010 8:45	1.53	1.77	1.65		0.91	1.59	1.52	1.81	1.82
6/11/2010 9:00	1.55	1.77	1.63		0.92	1.58	1.50	1.79	1.80
6/11/2010 9:15	1.56	1.76	1.61		0.93	1.57	1.48	1.77	1.77
6/11/2010 9:30	1.57	1.75	1.58		0.93	1.54	1.45	1.73	1.74
6/11/2010 9:45	1.57	1.73	1.54		0.93	1.51	1.41	1.68	1.69
6/11/2010 10:00	1.57	1.71	1.51		0.92	1.48	1.37	1.64	1.65
6/11/2010 10:15	1.57	1.70	1.48		0.91	1.44	1.31	1.59	1.60
6/11/2010 10:30	1.57	1.68	1.44		0.90	1.40	1.27	1.54	1.55
6/11/2010 10:45	1.57	1.66	1.43		0.91	1.38	1.23	1.51	1.52
6/11/2010 11:00	1.58	1.65	1.40		0.92	1.36	1.21	1.48	1.49
6/11/2010 11:15	1.58	1.63	1.36		0.91	1.32	1.17	1.43	1.44
6/11/2010 11:30	1.57	1.61	1.32		0.91	1.28	1.12	1.38	1.39
6/11/2010 11:45	1.57	1.59	1.29		0.91	1.24	1.06	1.33	1.34
6/11/2010 12:00	1.55	1.55	1.25		0.89	1.19	0.99	1.26	1.28
6/11/2010 12:15	1.54	1.54	1.21		0.88	1.15	0.94	1.21	1.22

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/11/2010 12:30	1.54	1.52	1.19		0.89	1.12	0.90	1.17	1.19
6/11/2010 12:45	1.53	1.49	1.17		0.88	1.08	0.86	1.13	1.15
6/11/2010 13:00	1.52	1.47	1.14		0.88	1.05	0.81	1.08	1.10
6/11/2010 13:15	1.50	1.45	1.09		0.87	1.00	0.76	1.03	1.05
6/11/2010 13:30	1.49	1.43	1.07		0.86	0.97	0.71	0.98	1.01
6/11/2010 13:45	1.48	1.41	1.05		0.86	0.94	0.67	0.95	0.97
6/11/2010 14:00	1.47	1.40	1.03		0.86	0.91	0.64	0.92	0.94
6/11/2010 14:15	1.45	1.39	1.02		0.86	0.89	0.61	0.90	0.92
6/11/2010 14:30	1.45	1.39	1.03		0.85	0.88	0.60	0.89	0.91
6/11/2010 14:45	1.43	1.39	1.04		0.85	0.87	0.60	0.89	0.91
6/11/2010 15:00	1.44	1.39	1.06		0.86	0.88	0.61	0.90	0.93
6/11/2010 15:15	1.42	1.39	1.06		0.84	0.87	0.60	0.90	0.93
6/11/2010 15:30	1.40	1.39	1.07		0.83	0.87	0.61	0.91	0.94
6/11/2010 15:45	1.39	1.39	1.08		0.82	0.87	0.63	0.93	0.96
6/11/2010 16:00	1.37	1.39	1.10		0.81	0.88	0.64	0.94	0.97
6/11/2010 16:15	1.36	1.40	1.13		0.82	0.90	0.66	0.97	1.00
6/11/2010 16:30	1.37	1.42	1.15		0.83	0.93	0.70	1.01	1.04
6/11/2010 16:45	1.37	1.43	1.18		0.83	0.95	0.73	1.04	1.07
6/11/2010 17:00	1.37	1.45	1.21		0.83	0.98	0.77	1.09	1.11
6/11/2010 17:15	1.36	1.46	1.25		0.82	1.01	0.81	1.13	1.15
6/11/2010 17:30	1.37	1.48	1.29		0.83	1.04	0.86	1.18	1.20
6/11/2010 17:45	1.37	1.51	1.33		0.83	1.09	0.91	1.23	1.25
6/11/2010 18:00	1.38	1.52	1.34		0.83	1.11	0.95	1.26	1.28
6/11/2010 18:15	1.38	1.53	1.35		0.84	1.14	0.98	1.29	1.31
6/11/2010 18:30	1.39	1.54	1.36		0.84	1.15	1.00	1.30	1.32
6/11/2010 18:45	1.39	1.55	1.36		0.84	1.17	1.01	1.32	1.34
6/11/2010 19:00	1.40	1.56	1.38		0.84	1.19	1.03	1.34	1.36
6/11/2010 19:15	1.42	1.57	1.39		0.85	1.21	1.06	1.37	1.39
6/11/2010 19:30	1.42	1.58	1.39		0.85	1.22	1.07	1.38	1.40
6/11/2010 19:45	1.43	1.58	1.39		0.85	1.22	1.08	1.38	1.40
6/11/2010 20:00	1.44	1.59	1.38		0.86	1.23	1.09	1.38	1.40
6/11/2010 20:15	1.44	1.57	1.36		0.86	1.22	1.07	1.36	1.38
6/11/2010 20:30	1.45	1.57	1.34		0.86	1.21	1.06	1.35	1.36
6/11/2010 20:45	1.45	1.56	1.31		0.86	1.19	1.03	1.32	1.33

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/11/2010 21:00	1.45	1.54	1.29		0.86	1.17	1.00	1.29	1.31
6/11/2010 21:15	1.45	1.53	1.26		0.86	1.15	0.97	1.25	1.27
6/11/2010 21:30	1.45	1.52	1.25		0.86	1.13	0.94	1.23	1.25
6/11/2010 21:45	1.46	1.52	1.24		0.88	1.13	0.93	1.22	1.24
6/11/2010 22:00	1.46	1.51	1.21		0.88	1.10	0.90	1.18	1.20
6/11/2010 22:15	1.45	1.49	1.19		0.88	1.07	0.86	1.15	1.17
6/11/2010 22:30	1.44	1.48	1.17		0.88	1.05	0.83	1.12	1.14
6/11/2010 22:45	1.44	1.47	1.16		0.87	1.03	0.81	1.10	1.12
6/11/2010 23:00	1.44	1.45	1.15		0.87	1.02	0.79	1.08	1.10
6/11/2010 23:15	1.42	1.43	1.12		0.86	0.99	0.76	1.04	1.06
6/11/2010 23:30	1.42	1.44	1.12		0.87	0.98	0.74	1.03	1.05
6/11/2010 23:45	1.40	1.41	1.08		0.86	0.95	0.71	1.00	1.02
6/12/2010 0:00	1.40	1.40	1.07		0.86	0.93	0.69	0.97	1.00
6/12/2010 0:15	1.39	1.39	1.06		0.86	0.91	0.67	0.95	0.98
6/12/2010 0:30	1.38	1.37	1.04		0.85	0.89	0.64	0.92	0.95
6/12/2010 0:45	1.36	1.36	1.03		0.85	0.87	0.62	0.91	0.93
6/12/2010 1:00	1.36	1.36	1.03		0.84	0.86	0.61	0.90	0.93
6/12/2010 1:15	1.35	1.37	1.05		0.84	0.87	0.61	0.91	0.94
6/12/2010 1:30	1.35	1.38	1.09		0.85	0.88	0.64	0.94	0.98
6/12/2010 1:45	1.35	1.40	1.12		0.85	0.91	0.67	0.98	1.01
6/12/2010 2:00	1.35	1.41	1.15		0.85	0.93	0.71	1.01	1.04
6/12/2010 2:15	1.34	1.41	1.15		0.84	0.94	0.73	1.03	1.06
6/12/2010 2:30	1.34	1.42	1.17		0.84	0.96	0.75	1.06	1.09
6/12/2010 2:45	1.33	1.43	1.20		0.84	0.97	0.77	1.08	1.11
6/12/2010 3:00	1.34	1.45	1.24		0.84	1.01	0.82	1.13	1.16
6/12/2010 3:15	1.35	1.50	1.31		0.86	1.07	0.89	1.21	1.24
6/12/2010 3:30	1.35	1.51	1.36		0.85	1.10	0.94	1.26	1.29
6/12/2010 3:45	1.37	1.56	1.41		0.86	1.16	1.02	1.34	1.37
6/12/2010 4:00	1.38	1.59	1.46		0.86	1.22	1.09	1.41	1.44
6/12/2010 4:15	1.38	1.61	1.51		0.86	1.26	1.15	1.48	1.50
6/12/2010 4:30	1.41	1.65	1.55		0.87	1.32	1.22	1.55	1.57
6/12/2010 4:45	1.42	1.68	1.60		0.87	1.36	1.27	1.61	1.63
6/12/2010 5:00	1.44	1.71	1.65		0.87	1.42	1.34	1.67	1.69
6/12/2010 5:15	1.46	1.76	1.70		0.89	1.48	1.42	1.75	1.77

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/12/2010 5:30	1.48	1.78	1.73		0.89	1.53	1.48	1.81	1.83
6/12/2010 5:45	1.49	1.81	1.78		0.89	1.58	1.54	1.87	1.88
6/12/2010 6:00	1.52	1.85	1.83		0.91	1.64	1.60	1.94	1.96
6/12/2010 6:15	1.54	1.88	1.86		0.91	1.68	1.66	1.99	2.00
6/12/2010 6:30	1.55	1.90	1.90		0.90	1.72	1.70	2.04	2.05
6/12/2010 6:45	1.58	1.93	1.92		0.91	1.76	1.75	2.08	2.09
6/12/2010 7:00	1.60	1.95	1.95		0.91	1.79	1.79	2.12	2.13
6/12/2010 7:15	1.62	1.97	1.97		0.91	1.82	1.83	2.15	2.16
6/12/2010 7:30	1.64	1.99	1.97		0.91	1.85	1.85	2.18	2.18
6/12/2010 7:45	1.66	2.00	1.99		0.91	1.87	1.88	2.19	2.20
6/12/2010 8:00	1.69	2.02	1.99		0.93	1.89	1.90	2.21	2.22
6/12/2010 8:15	1.70	2.02	1.99		0.91	1.89	1.90	2.21	2.21
6/12/2010 8:30	1.71	2.01	1.97		0.90	1.88	1.89	2.19	2.20
6/12/2010 8:45	1.72	2.01	1.96		0.90	1.88	1.88	2.18	2.18
6/12/2010 9:00	1.74	2.01	1.94		0.91	1.88	1.87	2.17	2.18
6/12/2010 9:15	1.75	2.00	1.92		0.91	1.86	1.85	2.14	2.15
6/12/2010 9:30	1.76	1.99	1.90		0.91	1.85	1.82	2.12	2.12
6/12/2010 9:45	1.76	1.98	1.88		0.90	1.82	1.79	2.08	2.09
6/12/2010 10:00	1.76	1.97	1.87		0.90	1.80	1.76	2.06	2.06
6/12/2010 10:15	1.76	1.97	1.84		0.88	1.78	1.73	2.02	2.03
6/12/2010 10:30	1.77	1.95	1.82		0.88	1.76	1.71	1.99	2.00
6/12/2010 10:45	1.76	1.93	1.77		0.87	1.72	1.66	1.94	1.95
6/12/2010 11:00	1.76	1.91	1.73		0.87	1.69	1.61	1.89	1.90
6/12/2010 11:15	1.76	1.89	1.70		0.86	1.65	1.56	1.84	1.85
6/12/2010 11:30	1.76	1.87	1.66		0.86	1.61	1.52	1.80	1.80
6/12/2010 11:45	1.76	1.85	1.63		0.84	1.57	1.46	1.74	1.74
6/12/2010 12:00	1.75	1.82	1.60		0.83	1.53	1.41	1.69	1.69
6/12/2010 12:15	1.75	1.80	1.57		0.83	1.49	1.37	1.65	1.65
6/12/2010 12:30	1.74	1.77	1.53		0.81	1.45	1.31	1.59	1.59
6/12/2010 12:45	1.72	1.74	1.49		0.80	1.40	1.26	1.53	1.54
6/12/2010 13:00	1.72	1.73	1.45		0.78	1.35	1.20	1.48	1.48
6/12/2010 13:15	1.69	1.69	1.41		0.77	1.30	1.14	1.41	1.42
6/12/2010 13:30	1.68	1.67	1.38		0.76	1.27	1.09	1.37	1.37
6/12/2010 13:45	1.68	1.66	1.37		0.76	1.23	1.05	1.33	1.34

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/12/2010 14:00	1.66	1.63	1.33		0.75	1.19	1.01	1.29	1.29
6/12/2010 14:15	1.65	1.61	1.30		0.73	1.15	0.96	1.23	1.25
6/12/2010 14:30	1.64	1.59	1.29		0.73	1.13	0.93	1.20	1.22
6/12/2010 14:45	1.62	1.58	1.27		0.71	1.09	0.87	1.16	1.18
6/12/2010 15:00	1.61	1.57	1.28		0.71	1.08	0.86	1.15	1.18
6/12/2010 15:15	1.60	1.58	1.30		0.71	1.08	0.87	1.16	1.19
6/12/2010 15:30	1.59	1.58	1.31		0.70	1.08	0.87	1.17	1.19
6/12/2010 15:45	1.58	1.58	1.32		0.69	1.07	0.88	1.18	1.20
6/12/2010 16:00	1.56	1.58	1.33		0.68	1.08	0.89	1.19	1.22
6/12/2010 16:15	1.56	1.59	1.35		0.68	1.09	0.91	1.21	1.24
6/12/2010 16:30	1.55	1.59	1.38		0.67	1.10	0.92	1.23	1.25
6/12/2010 16:45	1.54	1.60	1.40		0.67	1.12	0.95	1.26	1.28
6/12/2010 17:00	1.55	1.62	1.43		0.68	1.14	0.98	1.30	1.32
6/12/2010 17:15	1.55	1.64	1.48		0.68	1.18	1.03	1.35	1.37
6/12/2010 17:30	1.54	1.67	1.50		0.67	1.21	1.07	1.39	1.41
6/12/2010 17:45	1.54	1.68	1.54		0.66	1.24	1.11	1.43	1.45
6/12/2010 18:00	1.55	1.71	1.57		0.67	1.28	1.16	1.48	1.50
6/12/2010 18:15	1.55	1.71	1.58		0.66	1.30	1.19	1.51	1.53
6/12/2010 18:30	1.55	1.72	1.60		0.66	1.33	1.23	1.55	1.56
6/12/2010 18:45	1.56	1.74	1.62		0.66	1.35	1.26	1.58	1.60
6/12/2010 19:00	1.56	1.76	1.64		0.67	1.38	1.29	1.61	1.63
6/12/2010 19:15	1.57	1.76	1.66		0.67	1.41	1.32	1.64	1.65
6/12/2010 19:30	1.58	1.79	1.68		0.68	1.44	1.36	1.67	1.69
6/12/2010 19:45	1.58	1.78	1.68		0.66	1.43	1.36	1.67	1.68
6/12/2010 20:00	1.58	1.79	1.69		0.66	1.45	1.37	1.68	1.70
6/12/2010 20:15	1.59	1.79	1.69		0.66	1.46	1.39	1.69	1.71
6/12/2010 20:30	1.59	1.79	1.69		0.65	1.46	1.39	1.70	1.71
6/12/2010 20:45	1.59	1.80	1.70		0.66	1.47	1.41	1.72	1.73
6/12/2010 21:00	1.59	1.79	1.68		0.66	1.47	1.41	1.71	1.72
6/12/2010 21:15	1.60	1.78	1.63		0.65	1.45	1.38	1.67	1.68
6/12/2010 21:30	1.59	1.74	1.57		0.65	1.42	1.33	1.61	1.62
6/12/2010 21:45	1.59	1.71	1.51		0.65	1.38	1.27	1.54	1.55
6/12/2010 22:00	1.59	1.70	1.49		0.65	1.34	1.21	1.50	1.51
6/12/2010 22:15	1.59	1.70	1.50		0.65	1.33	1.20	1.49	1.50

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/12/2010 22:30	1.58	1.69	1.49		0.65	1.31	1.17	1.46	1.48
6/12/2010 22:45	1.58	1.68	1.47		0.63	1.30	1.15	1.44	1.46
6/12/2010 23:00	1.57	1.65	1.43		0.63	1.27	1.12	1.41	1.42
6/12/2010 23:15	1.56	1.62	1.37		0.63	1.23	1.07	1.34	1.35
6/12/2010 23:30	1.56	1.59	1.31		0.63	1.18	1.01	1.28	1.29
6/12/2010 23:45	1.54	1.55	1.26		0.62	1.13	0.93	1.20	1.22
6/13/2010 0:00	1.52	1.54	1.24		0.61	1.08	0.87	1.15	1.17
6/13/2010 0:15	1.52	1.52	1.23		0.61	1.05	0.84	1.12	1.14
6/13/2010 0:30	1.52	1.52	1.23		0.62	1.04	0.82	1.11	1.13
6/13/2010 0:45	1.50	1.51	1.21		0.60	1.01	0.79	1.08	1.10
6/13/2010 1:00	1.49	1.49	1.17		0.60	0.98	0.76	1.04	1.06
6/13/2010 1:15	1.48	1.46	1.13		0.60	0.94	0.72	0.99	1.01
6/13/2010 1:30	1.46	1.43	1.09		0.59	0.90	0.66	0.94	0.96
6/13/2010 1:45	1.44	1.41	1.07		0.58	0.87	0.63	0.90	0.92
6/13/2010 2:00	1.44	1.41	1.06		0.59	0.86	0.60	0.88	0.91
6/13/2010 2:15	1.43	1.39	1.06		0.58	0.83	0.57	0.86	0.89
6/13/2010 2:30	1.42	1.40	1.07		0.59	0.83	0.58	0.87	0.89
6/13/2010 2:45	1.40	1.39	1.06		0.58	0.81	0.56	0.85	0.87
6/13/2010 3:00	1.40	1.39	1.07		0.58	0.81	0.56	0.85	0.88
6/13/2010 3:15	1.39	1.40	1.09		0.58	0.82	0.57	0.87	0.90
6/13/2010 3:30	1.36	1.38	1.11		0.56	0.81	0.57	0.87	0.90
6/13/2010 3:45	1.37	1.41	1.16		0.57	0.85	0.62	0.93	0.96
6/13/2010 4:00	1.34	1.41	1.18		0.56	0.86	0.64	0.96	0.98
6/13/2010 4:15	1.34	1.43	1.20		0.56	0.89	0.68	1.00	1.01
6/13/2010 4:30	1.35	1.46	1.24		0.57	0.92	0.73	1.04	1.07
6/13/2010 4:45	1.36	1.47	1.27		0.57	0.95	0.77	1.08	1.10
6/13/2010 5:00	1.36	1.50	1.31		0.58	0.99	0.82	1.13	1.16
6/13/2010 5:15	1.36	1.52	1.36		0.58	1.03	0.87	1.19	1.22
6/13/2010 5:30	1.37	1.55	1.42		0.58	1.09	0.94	1.26	1.29
6/13/2010 5:45	1.38	1.60	1.47		0.60	1.15	1.01	1.34	1.36
6/13/2010 6:00	1.40	1.62	1.51		0.60	1.19	1.07	1.40	1.42
6/13/2010 6:15	1.42	1.65	1.54		0.61	1.24	1.14	1.46	1.48
6/13/2010 6:30	1.43	1.68	1.57		0.62	1.29	1.19	1.51	1.53
6/13/2010 6:45	1.44	1.69	1.61		0.61	1.32	1.23	1.55	1.57

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/13/2010 7:00	1.45	1.72	1.65		0.62	1.36	1.28	1.61	1.63
6/13/2010 7:15	1.47	1.74	1.69		0.62	1.41	1.33	1.66	1.68
6/13/2010 7:30	1.47	1.76	1.71		0.61	1.43	1.37	1.70	1.71
6/13/2010 7:45	1.48	1.76	1.71		0.60	1.45	1.39	1.72	1.72
6/13/2010 8:00	1.49	1.77	1.71		0.60	1.48	1.41	1.74	1.74
6/13/2010 8:15	1.51	1.78	1.72		0.60	1.49	1.43	1.75	1.75
6/13/2010 8:30	1.52	1.79	1.72		0.61	1.50	1.45	1.76	1.76
6/13/2010 8:45	1.53	1.80	1.71		0.61	1.50	1.44	1.76	1.75
6/13/2010 9:00	1.55	1.80	1.72		0.61	1.51	1.45	1.77	1.77
6/13/2010 9:15	1.56	1.79	1.69		0.60	1.51	1.44	1.75	1.75
6/13/2010 9:30	1.57	1.79	1.67		0.60	1.50	1.43	1.73	1.73
6/13/2010 9:45	1.57	1.77	1.65		0.60	1.48	1.40	1.70	1.70
6/13/2010 10:00	1.57	1.76	1.61		0.60	1.46	1.37	1.67	1.66
6/13/2010 10:15	1.58	1.75	1.59		0.61	1.45	1.35	1.63	1.64
6/13/2010 10:30	1.57	1.72	1.55		0.59	1.40	1.29	1.58	1.58
6/13/2010 10:45	1.57	1.70	1.51		0.59	1.37	1.24	1.53	1.53
6/13/2010 11:00	1.57	1.69	1.48		0.59	1.34	1.20	1.49	1.49
6/13/2010 11:15	1.58	1.68	1.46		0.59	1.32	1.18	1.45	1.47
6/13/2010 11:30	1.56	1.65	1.42		0.58	1.27	1.11	1.40	1.40
6/13/2010 11:45	1.57	1.63	1.38		0.58	1.23	1.07	1.35	1.35
6/13/2010 12:00	1.55	1.60	1.34		0.57	1.19	1.01	1.29	1.29
6/13/2010 12:15	1.54	1.57	1.30		0.56	1.14	0.95	1.23	1.23
6/13/2010 12:30	1.52	1.54	1.25		0.54	1.08	0.88	1.15	1.16
6/13/2010 12:45	1.52	1.52	1.21		0.54	1.04	0.83	1.10	1.11
6/13/2010 13:00	1.50	1.48	1.17		0.53	0.99	0.76	1.03	1.05
6/13/2010 13:15	1.48	1.45	1.11		0.51	0.93	0.70	0.97	0.98
6/13/2010 13:30	1.47	1.42	1.08		0.51	0.89	0.64	0.91	0.93
6/13/2010 13:45	1.44	1.38	1.03		0.49	0.83	0.57	0.84	0.85
6/13/2010 14:00	1.43	1.36	0.99		0.49	0.78	0.51	0.78	0.80
6/13/2010 14:15	1.42	1.33	0.95		0.49	0.73	0.45	0.72	0.74
6/13/2010 14:30	1.40	1.29	0.89		0.48	0.68	0.38	0.65	0.67
6/13/2010 14:45	1.38	1.26	0.85		0.48	0.63	0.32	0.58	0.60
6/13/2010 15:00	1.37	1.23	0.80		0.47	0.58	0.25	0.52	0.54
6/13/2010 15:15	1.34	1.20	0.76		0.46	0.52	0.19	0.45	0.48

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/13/2010 15:30	1.32	1.18	0.76		0.46	0.49	0.15	0.42	0.45
6/13/2010 15:45	1.30	1.17	0.75		0.45	0.46	0.12	0.40	0.43
6/13/2010 16:00	1.29	1.16	0.75		0.45	0.44	0.10	0.38	0.41
6/13/2010 16:15	1.27	1.15	0.74		0.45	0.43	0.09	0.37	0.40
6/13/2010 16:30	1.26	1.14	0.73		0.45	0.41	0.07	0.35	0.38
6/13/2010 16:45	1.23	1.13	0.73		0.44	0.39	0.05	0.34	0.38
6/13/2010 17:00	1.22	1.13	0.73		0.44	0.39	0.06	0.35	0.38
6/13/2010 17:15	1.20	1.12	0.74		0.43	0.38	0.06	0.35	0.38
6/13/2010 17:30	1.20	1.13	0.75		0.44	0.40	0.08	0.37	0.40
6/13/2010 17:45	1.18	1.12	0.74		0.44	0.39	0.07	0.36	0.39
6/13/2010 18:00	1.17	1.14	0.80		0.44	0.41	0.10	0.40	0.44
6/13/2010 18:15	1.16	1.16	0.85		0.44	0.45	0.15	0.46	0.50
6/13/2010 18:30	1.17	1.19	0.89		0.46	0.49	0.21	0.52	0.55
6/13/2010 18:45	1.15	1.20	0.91		0.45	0.51	0.25	0.55	0.59
6/13/2010 19:00	1.16	1.21	0.92		0.46	0.54	0.28	0.59	0.61
6/13/2010 19:15	1.15	1.21	0.93		0.46	0.56	0.30	0.60	0.63
6/13/2010 19:30	1.16	1.23	0.98		0.47	0.60	0.34	0.66	0.68
6/13/2010 19:45	1.16	1.25	1.02		0.48	0.63	0.39	0.70	0.73
6/13/2010 20:00	1.15	1.26	1.03		0.48	0.66	0.43	0.74	0.76
6/13/2010 20:15	1.16	1.25	1.01		0.48	0.67	0.44	0.74	0.76
6/13/2010 20:30	1.15	1.24	0.98		0.48	0.66	0.43	0.72	0.74
6/13/2010 20:45	1.14	1.24	0.97		0.48	0.65	0.42	0.71	0.73
6/13/2010 21:00	1.15	1.25	0.98		0.49	0.67	0.43	0.73	0.75
6/13/2010 21:15	1.15	1.26	1.00		0.50	0.68	0.44	0.74	0.77
6/13/2010 21:30	1.15	1.27	1.02		0.51	0.71	0.47	0.77	0.80
6/13/2010 21:45	1.15	1.26	0.99		0.51	0.70	0.47	0.76	0.78
6/13/2010 22:00	1.16	1.25	0.97		0.52	0.70	0.46	0.74	0.76
6/13/2010 22:15	1.16	1.24	0.93		0.53	0.68	0.43	0.72	0.73
6/13/2010 22:30	1.16	1.21	0.88		0.53	0.65	0.39	0.67	0.68
6/13/2010 22:45	1.15	1.19	0.84		0.53	0.62	0.34	0.62	0.64
6/13/2010 23:00	1.15	1.17	0.81		0.53	0.58	0.29	0.58	0.59
6/13/2010 23:15	1.14	1.16	0.80		0.53	0.56	0.26	0.55	0.57
6/13/2010 23:30	1.14	1.15	0.78		0.52	0.53	0.23	0.52	0.53
6/13/2010 23:45	1.13	1.12	0.75		0.52	0.51	0.20	0.49	0.50

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/14/2010 0:00	1.12	1.10	0.70		0.52	0.47	0.15	0.43	0.45
6/14/2010 0:15	1.12	1.08	0.68		0.52	0.44	0.12	0.40	0.41
6/14/2010 0:30	1.11	1.05	0.65		0.52	0.40	0.07	0.35	0.37
6/14/2010 0:45	1.10	1.03	0.62		0.52	0.37	0.03	0.31	0.33
6/14/2010 1:00	1.10	1.03	0.62		0.52	0.35	0.02	0.29	0.32
6/14/2010 1:15	1.07	1.00	0.57		0.51	0.31	-0.05	0.24	0.26
6/14/2010 1:30	1.06	0.98	0.54		0.50	0.27	-0.09	0.19	0.21
6/14/2010 1:45	1.06	0.97	0.52		0.51	0.26	-0.11	0.17	0.19
6/14/2010 2:00	1.04	0.95	0.50		0.50	0.22	-0.15	0.14	0.16
6/14/2010 2:15	1.03	0.94	0.48		0.50	0.20	-0.18	0.11	0.13
6/14/2010 2:30	1.02	0.93	0.47		0.50	0.18	-0.20	0.09	0.12
6/14/2010 2:45	1.02	0.92	0.47		0.50	0.18	-0.21	0.08	0.11
6/14/2010 3:00	1.02	0.91	0.48		0.50	0.17	-0.22	0.08	0.11
6/14/2010 3:15	1.00	0.91	0.48		0.50	0.16	-0.22	0.08	0.10
6/14/2010 3:30	0.99	0.92	0.49		0.50	0.16	-0.22	0.08	0.11
6/14/2010 3:45	0.98	0.93	0.52		0.50	0.17	-0.20	0.11	0.14
6/14/2010 4:00	0.98	0.94	0.55		0.50	0.19	-0.17	0.14	0.17
6/14/2010 4:15	0.98	0.96	0.59		0.51	0.22	-0.13	0.18	0.21
6/14/2010 4:30	0.97	0.98	0.63		0.51	0.25	-0.08	0.23	0.26
6/14/2010 4:45	0.97	1.00	0.67		0.51	0.29	-0.03	0.29	0.31
6/14/2010 5:00	0.97	1.02	0.72		0.51	0.33	0.02	0.35	0.37
6/14/2010 5:15	0.97	1.05	0.77		0.52	0.38	0.09	0.42	0.44
6/14/2010 5:30	0.97	1.09	0.83		0.52	0.43	0.16	0.49	0.52
6/14/2010 5:45	0.98	1.12	0.90		0.53	0.50	0.25	0.58	0.60
6/14/2010 6:00	0.98	1.15	0.94		0.53	0.55	0.31	0.65	0.67
6/14/2010 6:15	0.99	1.18	1.00		0.54	0.61	0.39	0.72	0.74
6/14/2010 6:30	1.00	1.21	1.05		0.55	0.67	0.46	0.80	0.81
6/14/2010 6:45	1.01	1.25	1.11		0.56	0.73	0.55	0.88	0.91
6/14/2010 7:00	1.03	1.29	1.17		0.56	0.80	0.63	0.96	0.99
6/14/2010 7:15	1.04	1.33	1.22		0.57	0.86	0.71	1.04	1.06
6/14/2010 7:30	1.05	1.35	1.26		0.58	0.91	0.78	1.10	1.13
6/14/2010 7:45	1.07	1.38	1.30		0.58	0.96	0.84	1.17	1.19
6/14/2010 8:00	1.09	1.42	1.34		0.59	1.02	0.91	1.23	1.25
6/14/2010 8:15	1.11	1.44	1.38		0.60	1.07	0.96	1.29	1.31

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/14/2010 8:30	1.13	1.47	1.41		0.60	1.11	1.02	1.34	1.35
6/14/2010 8:45	1.14	1.49	1.43		0.60	1.15	1.06	1.38	1.40
6/14/2010 9:00	1.16	1.51	1.45		0.60	1.18	1.10	1.42	1.44
6/14/2010 9:15	1.18	1.53	1.46		0.62	1.22	1.14	1.46	1.47
6/14/2010 9:30	1.18	1.53	1.47		0.61	1.23	1.16	1.47	1.48
6/14/2010 9:45	1.19	1.53	1.45		0.61	1.24	1.16	1.47	1.48
6/14/2010 10:00	1.21	1.53	1.43		0.61	1.24	1.16	1.46	1.47
6/14/2010 10:15	1.22	1.53	1.43		0.60	1.24	1.15	1.45	1.46
6/14/2010 10:30	1.23	1.53	1.41		0.60	1.23	1.14	1.43	1.44
6/14/2010 10:45	1.23	1.50	1.37		0.59	1.21	1.11	1.40	1.40
6/14/2010 11:00	1.23	1.50	1.35		0.59	1.19	1.08	1.37	1.38
6/14/2010 11:15	1.23	1.48	1.32		0.59	1.17	1.06	1.34	1.35
6/14/2010 11:30	1.24	1.47	1.30		0.58	1.15	1.02	1.30	1.31
6/14/2010 11:45	1.25	1.46	1.27		0.58	1.12	0.99	1.27	1.28
6/14/2010 12:00	1.24	1.43	1.22		0.57	1.08	0.92	1.21	1.21
6/14/2010 12:15	1.24	1.42	1.20		0.57	1.06	0.90	1.18	1.19
6/14/2010 12:30	1.24	1.40	1.16		0.57	1.02	0.85	1.13	1.14
6/14/2010 12:45	1.23	1.36	1.12		0.56	0.98	0.78	1.07	1.07
6/14/2010 13:00	1.22	1.35	1.08		0.55	0.93	0.73	1.01	1.02
6/14/2010 13:15	1.21	1.32	1.04		0.55	0.89	0.68	0.96	0.97
6/14/2010 13:30	1.21	1.31	1.01		0.55	0.86	0.63	0.92	0.92
6/14/2010 13:45	1.20	1.29	0.99		0.54	0.82	0.59	0.88	0.88
6/14/2010 14:00	1.18	1.26	0.96		0.53	0.78	0.54	0.82	0.83
6/14/2010 14:15	1.18	1.24	0.92		0.53	0.74	0.49	0.78	0.79
6/14/2010 14:30	1.16	1.21	0.88		0.52	0.70	0.43	0.71	0.73
6/14/2010 14:45	1.16	1.20	0.86		0.52	0.67	0.39	0.68	0.69
6/14/2010 15:00	1.14	1.16	0.81		0.51	0.62	0.34	0.61	0.63
6/14/2010 15:15	1.12	1.14	0.79		0.51	0.58	0.29	0.57	0.59
6/14/2010 15:30	1.10	1.12	0.76		0.49	0.55	0.25	0.53	0.55
6/14/2010 15:45	1.09	1.11	0.75		0.49	0.52	0.22	0.50	0.53
6/14/2010 16:00	1.08	1.10	0.74		0.49	0.49	0.19	0.47	0.50
6/14/2010 16:15	1.07	1.09	0.74	0.24	0.49	0.48	0.17	0.46	0.49
6/14/2010 16:30	1.06	1.08	0.74	0.17	0.49	0.47	0.17	0.46	0.49
6/14/2010 16:45	1.05	1.08	0.75	0.62	0.49	0.47	0.16	0.46	0.49

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/14/2010 17:00	1.04	1.08	0.76	0.62	0.49	0.47	0.17	0.47	0.50
6/14/2010 17:15	1.04	1.11	0.80	0.64	0.51	0.50	0.21	0.52	0.54
6/14/2010 17:30	1.05	1.13	0.83	0.65	0.51	0.52	0.23	0.55	0.57
6/14/2010 17:45	1.04	1.13	0.84	0.67	0.50	0.53	0.24	0.55	0.59
6/14/2010 18:00	1.02	1.13	0.85	0.67	0.49	0.54	0.25	0.57	0.60
6/14/2010 18:15	1.02	1.15	0.90	0.69	0.50	0.56	0.28	0.62	0.65
6/14/2010 18:30	1.02	1.16	0.93	0.71	0.50	0.60	0.32	0.66	0.70
6/14/2010 18:45	1.02	1.19	0.98	0.74	0.50	0.64	0.36	0.72	0.75
6/14/2010 19:00	1.03	1.23	1.04	0.79	0.52	0.70	0.43	0.80	0.83
6/14/2010 19:15	1.04	1.24	1.05	0.82	0.52	0.73	0.48	0.83	0.86
6/14/2010 19:30	1.05	1.28	1.12	0.85	0.54	0.78	0.54	0.91	0.93
6/14/2010 19:45	1.05	1.30	1.16	0.89	0.53	0.82	0.59	0.96	0.99
6/14/2010 20:00	1.07	1.32	1.18	0.93	0.53	0.86	0.64	1.01	1.03
6/14/2010 20:15	1.08	1.36	1.24	0.97	0.54	0.91	0.70	1.07	1.10
6/14/2010 20:30	1.09	1.37	1.26	1.00	0.54	0.95	0.76	1.12	1.14
6/14/2010 20:45	1.11	1.39	1.28	1.03	0.55	0.98	0.82	1.17	1.18
6/14/2010 21:00	1.12	1.40	1.30	1.05	0.56	1.01	0.87	1.20	1.21
6/14/2010 21:15	1.14	1.42	1.30	1.08	0.57	1.04	0.91	1.23	1.24
6/14/2010 21:30	1.16	1.43	1.31	1.10	0.57	1.07	0.94	1.26	1.26
6/14/2010 21:45	1.17	1.43	1.31	1.11	0.57	1.08	0.95	1.26	1.27
6/14/2010 22:00	1.19	1.45	1.33	1.13	0.58	1.10	0.98	1.29	1.30
6/14/2010 22:15	1.20	1.46	1.33	1.14	0.58	1.11	0.99	1.30	1.31
6/14/2010 22:30	1.21	1.47	1.32	1.15	0.60	1.12	1.00	1.30	1.31
6/14/2010 22:45	1.23	1.47	1.30	1.15	0.61	1.12	1.00	1.29	1.30
6/14/2010 23:00	1.24	1.46	1.28	1.15	0.62	1.12	0.98	1.27	1.28
6/14/2010 23:15	1.24	1.44	1.24	1.13	0.60	1.09	0.94	1.23	1.24
6/14/2010 23:30	1.24	1.43	1.22	1.12	0.60	1.07	0.91	1.20	1.21
6/14/2010 23:45	1.26	1.42	1.21	1.11	0.62	1.06	0.90	1.18	1.19
6/15/2010 0:00	1.25	1.40	1.18	1.08	0.62	1.03	0.86	1.14	1.15
6/15/2010 0:15	1.26	1.40	1.16	1.06	0.63	1.00	0.83	1.11	1.13
6/15/2010 0:30	1.27	1.39	1.14	1.05	0.64	0.98	0.80	1.08	1.10
6/15/2010 0:45	1.27	1.37	1.11	1.03	0.64	0.95	0.77	1.05	1.06
6/15/2010 1:00	1.27	1.35	1.08	1.00	0.63	0.92	0.72	1.00	1.02
6/15/2010 1:15	1.26	1.33	1.04	0.97	0.63	0.89	0.68	0.95	0.97

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/15/2010 1:30	1.25	1.30	1.01	0.95	0.63	0.85	0.64	0.91	0.93
6/15/2010 1:45	1.25	1.30	0.98	0.92	0.64	0.83	0.60	0.88	0.89
6/15/2010 2:00	1.24	1.27	0.95	0.89	0.63	0.79	0.56	0.83	0.85
6/15/2010 2:15	1.23	1.25	0.93	0.86	0.62	0.75	0.51	0.78	0.81
6/15/2010 2:30	1.22	1.24	0.91	0.84	0.62	0.73	0.48	0.76	0.78
6/15/2010 2:45	1.22	1.24	0.90	0.83	0.64	0.72	0.46	0.74	0.76
6/15/2010 3:00	1.20	1.21	0.86	0.79	0.63	0.67	0.41	0.69	0.71
6/15/2010 3:15	1.19	1.19	0.83	0.76	0.62	0.65	0.38	0.65	0.67
6/15/2010 3:30	1.18	1.17	0.81	0.74	0.62	0.62	0.34	0.62	0.64
6/15/2010 3:45	1.17	1.17	0.82	0.73	0.63	0.61	0.33	0.61	0.64
6/15/2010 4:00	1.17	1.18	0.83	0.73	0.64	0.61	0.33	0.61	0.64
6/15/2010 4:15	1.17	1.18	0.86	0.72	0.65	0.61	0.34	0.63	0.66
6/15/2010 4:30	1.17	1.19	0.87	0.72	0.66	0.62	0.35	0.64	0.67
6/15/2010 4:45	1.16	1.19	0.88	0.72	0.66	0.62	0.35	0.65	0.68
6/15/2010 5:00	1.15	1.19	0.90	0.73	0.66	0.64	0.37	0.68	0.70
6/15/2010 5:15	1.15	1.21	0.94	0.74	0.66	0.66	0.40	0.71	0.74
6/15/2010 5:30	1.16	1.23	0.98	0.77	0.67	0.70	0.45	0.76	0.79
6/15/2010 5:45	1.16	1.26	1.02	0.80	0.68	0.74	0.51	0.82	0.85
6/15/2010 6:00	1.17	1.28	1.06	0.82	0.69	0.77	0.55	0.87	0.90
6/15/2010 6:15	1.18	1.31	1.11	0.86	0.70	0.82	0.61	0.93	0.96
6/15/2010 6:30	1.18	1.34	1.15	0.89	0.71	0.86	0.67	0.99	1.02
6/15/2010 6:45	1.19	1.37	1.20	0.93	0.71	0.91	0.73	1.05	1.08
6/15/2010 7:00	1.21	1.41	1.26	0.97	0.72	0.97	0.80	1.13	1.16
6/15/2010 7:15	1.23	1.45	1.30	1.02	0.74	1.03	0.88	1.21	1.23
6/15/2010 7:30	1.24	1.48	1.34	1.06	0.74	1.07	0.94	1.26	1.29
6/15/2010 7:45	1.26	1.50	1.39	1.10	0.76	1.13	1.02	1.33	1.35
6/15/2010 8:00	1.28	1.53	1.43	1.14	0.76	1.18	1.07	1.39	1.41
6/15/2010 8:15	1.31	1.58	1.49	1.18	0.79	1.24	1.15	1.48	1.49
6/15/2010 8:30	1.32	1.60	1.52	1.22	0.79	1.28	1.20	1.53	1.54
6/15/2010 8:45	1.36	1.64	1.56	1.27	0.80	1.34	1.27	1.59	1.60
6/15/2010 9:00	1.37	1.66	1.58	1.30	0.80	1.37	1.31	1.63	1.63
6/15/2010 9:15	1.39	1.67	1.59	1.33	0.80	1.40	1.34	1.66	1.66
6/15/2010 9:30	1.41	1.69	1.61	1.35	0.81	1.43	1.37	1.69	1.70
6/15/2010 9:45	1.42	1.71	1.64	1.37	0.81	1.46	1.41	1.73	1.73

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/15/2010 10:00	1.44	1.73	1.65	1.39	0.81	1.48	1.44	1.75	1.75
6/15/2010 10:15	1.45	1.73	1.65	1.41	0.81	1.50	1.45	1.76	1.76
6/15/2010 10:30	1.46	1.73	1.63	1.42	0.82	1.51	1.46	1.76	1.76
6/15/2010 10:45	1.48	1.72	1.61	1.43	0.83	1.51	1.45	1.75	1.74
6/15/2010 11:00	1.49	1.71	1.58	1.42	0.83	1.49	1.42	1.71	1.70
6/15/2010 11:15	1.49	1.69	1.54	1.40	0.83	1.46	1.39	1.67	1.67
6/15/2010 11:30	1.51	1.70	1.54	1.38	0.84	1.45	1.37	1.66	1.66
6/15/2010 11:45	1.52	1.69	1.53	1.37	0.84	1.44	1.35	1.63	1.63
6/15/2010 12:00	1.52	1.68	1.51	1.36	0.83	1.42	1.32	1.61	1.61
6/15/2010 12:15	1.53	1.68	1.48	1.35	0.84	1.41	1.30	1.59	1.58
6/15/2010 12:30	1.54	1.66	1.45	1.33	0.84	1.38	1.26	1.54	1.54
6/15/2010 12:45	1.53	1.64	1.40	1.31	0.84	1.34	1.22	1.49	1.49
6/15/2010 13:00	1.53	1.61	1.36	1.27	0.84	1.30	1.16	1.43	1.43
6/15/2010 13:15	1.54	1.60	1.33	1.24	0.84	1.27	1.12	1.39	1.40
6/15/2010 13:30	1.53	1.57	1.30	1.21	0.84	1.23	1.07	1.34	1.35
6/15/2010 13:45	1.53	1.55	1.27	1.18	0.84	1.19	1.02	1.29	1.30
6/15/2010 14:00	1.52	1.53	1.24	1.15	0.83	1.16	0.97	1.24	1.26
6/15/2010 14:15	1.51	1.51	1.20	1.11	0.83	1.12	0.92	1.19	1.21
6/15/2010 14:30	1.50	1.49	1.16	1.08	0.83	1.07	0.87	1.14	1.15
6/15/2010 14:45	1.48	1.45	1.10	1.05	0.82	1.02	0.80	1.07	1.07
6/15/2010 15:00	1.47	1.43	1.07	1.01	0.81	0.97	0.74	1.01	1.02
6/15/2010 15:15	1.46	1.40	1.03	0.97	0.81	0.93	0.69	0.95	0.96
6/15/2010 15:30	1.44	1.36	0.99	0.92	0.79	0.87	0.62	0.88	0.89
6/15/2010 15:45	1.43	1.34	0.96	0.88	0.79	0.82	0.57	0.83	0.84
6/15/2010 16:00	1.41	1.31	0.92	0.84	0.79	0.78	0.52	0.78	0.79
6/15/2010 16:15	1.40	1.29	0.89	0.81	0.78	0.74	0.46	0.73	0.74
6/15/2010 16:30	1.37	1.26	0.86	0.78	0.77	0.70	0.41	0.68	0.69
6/15/2010 16:45	1.36	1.25	0.85	0.75	0.78	0.68	0.38	0.65	0.67
6/15/2010 17:00	1.35	1.24	0.83	0.72	0.78	0.65	0.35	0.62	0.64
6/15/2010 17:15	1.34	1.22	0.82	0.70	0.77	0.63	0.32	0.60	0.62
6/15/2010 17:30	1.32	1.21	0.82	0.68	0.76	0.61	0.30	0.58	0.60
6/15/2010 17:45	1.30	1.21	0.83	0.68	0.76	0.60	0.29	0.58	0.60
6/15/2010 18:00	1.29	1.21	0.85	0.68	0.76	0.60	0.30	0.60	0.62
6/15/2010 18:15	1.29	1.22	0.89	0.68	0.76	0.62	0.33	0.63	0.66

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/15/2010 18:30	1.29	1.26	0.93	0.69	0.78	0.66	0.38	0.68	0.71
6/15/2010 18:45	1.28	1.27	0.97	0.72	0.78	0.68	0.42	0.73	0.75
6/15/2010 19:00	1.28	1.29	1.00	0.74	0.78	0.71	0.46	0.77	0.79
6/15/2010 19:15	1.27	1.30	1.03	0.77	0.78	0.74	0.50	0.81	0.83
6/15/2010 19:30	1.27	1.31	1.05	0.79	0.77	0.77	0.54	0.85	0.87
6/15/2010 19:45	1.27	1.34	1.11	0.82	0.79	0.81	0.60	0.91	0.94
6/15/2010 20:00	1.28	1.38	1.17	0.87	0.80	0.87	0.67	0.99	1.01
6/15/2010 20:15	1.28	1.40	1.22	0.90	0.80	0.92	0.73	1.06	1.07
6/15/2010 20:30	1.29	1.43	1.26	0.94	0.80	0.96	0.80	1.12	1.14
6/15/2010 20:45	1.30	1.47	1.30	0.99	0.82	1.02	0.87	1.19	1.21
6/15/2010 21:00	1.31	1.49	1.32	1.03	0.82	1.06	0.92	1.24	1.25
6/15/2010 21:15	1.33	1.51	1.35	1.06	0.82	1.10	0.96	1.28	1.29
6/15/2010 21:30	1.33	1.53	1.38	1.09	0.83	1.14	1.01	1.32	1.33
6/15/2010 21:45	1.35	1.56	1.42	1.12	0.84	1.18	1.06	1.38	1.40
6/15/2010 22:00	1.36	1.58	1.45	1.15	0.84	1.22	1.11	1.42	1.44
6/15/2010 22:15	1.38	1.60	1.47	1.19	0.86	1.26	1.15	1.47	1.48
6/15/2010 22:30	1.40	1.61	1.48	1.21	0.86	1.28	1.18	1.49	1.51
6/15/2010 22:45	1.41	1.61	1.49	1.23	0.87	1.31	1.21	1.51	1.53
6/15/2010 23:00	1.44	1.62	1.47	1.24	0.88	1.32	1.22	1.52	1.53
6/15/2010 23:15	1.44	1.62	1.46	1.25	0.88	1.32	1.22	1.51	1.52
6/15/2010 23:30	1.45	1.63	1.46	1.25	0.89	1.33	1.22	1.51	1.52
6/15/2010 23:45	1.47	1.62	1.44	1.24	0.89	1.32	1.21	1.50	1.51
6/16/2010 0:00	1.47	1.62	1.42	1.24	0.89	1.31	1.19	1.47	1.49
6/16/2010 0:15	1.48	1.61	1.41	1.23	0.89	1.30	1.17	1.46	1.47
6/16/2010 0:30	1.48	1.60	1.37	1.22	0.89	1.27	1.14	1.42	1.44
6/16/2010 0:45	1.48	1.57	1.33	1.20	0.88	1.24	1.10	1.37	1.39
6/16/2010 1:00	1.48	1.56	1.31	1.18	0.89	1.22	1.07	1.34	1.36
6/16/2010 1:15	1.48	1.54	1.28	1.15	0.88	1.19	1.03	1.30	1.32
6/16/2010 1:30	1.48	1.54	1.26	1.14	0.89	1.17	1.00	1.27	1.29
6/16/2010 1:45	1.47	1.51	1.23	1.10	0.88	1.13	0.95	1.23	1.24
6/16/2010 2:00	1.47	1.49	1.20	1.08	0.88	1.10	0.91	1.18	1.20
6/16/2010 2:15	1.46	1.46	1.16	1.06	0.87	1.06	0.86	1.14	1.15
6/16/2010 2:30	1.45	1.45	1.14	1.03	0.86	1.03	0.83	1.10	1.11
6/16/2010 2:45	1.44	1.43	1.12	1.01	0.86	1.01	0.79	1.06	1.08

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/16/2010 3:00	1.43	1.42	1.11	0.99	0.86	0.98	0.76	1.04	1.06
6/16/2010 3:15	1.42	1.40	1.09	0.96	0.85	0.95	0.73	1.01	1.03
6/16/2010 3:30	1.41	1.39	1.07	0.94	0.85	0.93	0.70	0.97	1.00
6/16/2010 3:45	1.40	1.39	1.06	0.93	0.86	0.92	0.69	0.96	0.99
6/16/2010 4:00	1.40	1.38	1.04	0.92	0.85	0.90	0.66	0.94	0.96
6/16/2010 4:15	1.38	1.36	1.03	0.89	0.84	0.87	0.63	0.91	0.94
6/16/2010 4:30	1.37	1.35	1.04	0.88	0.84	0.86	0.62	0.90	0.93
6/16/2010 4:45	1.36	1.35	1.04	0.87	0.84	0.86	0.62	0.90	0.93
6/16/2010 5:00	1.35	1.36	1.06	0.87	0.84	0.86	0.62	0.92	0.94
6/16/2010 5:15	1.34	1.36	1.06	0.88	0.84	0.86	0.63	0.92	0.95
6/16/2010 5:30	1.35	1.37	1.09	0.88	0.84	0.88	0.65	0.95	0.97
6/16/2010 5:45	1.35	1.39	1.11	0.90	0.86	0.90	0.68	0.98	1.01
6/16/2010 6:00	1.34	1.39	1.15	0.91	0.85	0.92	0.70	1.01	1.04
6/16/2010 6:15	1.36	1.44	1.20	0.94	0.87	0.97	0.77	1.08	1.11
6/16/2010 6:30	1.36	1.45	1.25	0.97	0.88	1.01	0.82	1.13	1.16
6/16/2010 6:45	1.37	1.48	1.30	1.00	0.88	1.05	0.88	1.20	1.22
6/16/2010 7:00	1.36	1.49	1.33	1.03	0.86	1.08	0.92	1.24	1.26
6/16/2010 7:15	1.38	1.53	1.37	1.07	0.88	1.13	0.98	1.30	1.32
6/16/2010 7:30	1.38	1.56	1.42	1.11	0.88	1.18	1.04	1.37	1.39
6/16/2010 7:45	1.40	1.59	1.46	1.15	0.88	1.23	1.11	1.43	1.45
6/16/2010 8:00	1.41	1.63	1.51	1.20	0.89	1.28	1.17	1.50	1.52
6/16/2010 8:15	1.43	1.66	1.56	1.24	0.89	1.33	1.24	1.56	1.58
6/16/2010 8:30	1.45	1.69	1.61	1.28	0.91	1.39	1.31	1.63	1.65
6/16/2010 8:45	1.47	1.72	1.66	1.32	0.90	1.44	1.36	1.70	1.71
6/16/2010 9:00	1.47	1.74	1.70	1.36	0.89	1.48	1.42	1.75	1.76
6/16/2010 9:15	1.49	1.78	1.75	1.40	0.90	1.53	1.45	1.81	1.83
6/16/2010 9:30	1.52	1.82	1.80	1.45	0.92	1.60	1.52	1.90	1.91
6/16/2010 9:45	1.54	1.83	1.79	1.48	0.90	1.61	1.54	1.91	1.92
6/16/2010 10:00	1.54	1.85	1.82	1.50	0.88	1.64	1.55	1.94	1.95
6/16/2010 10:15	1.55	1.87	1.84	1.53	0.90	1.68	1.57	1.98	1.99
6/16/2010 10:30	1.57	1.90	1.88	1.56	0.90	1.71	1.57	2.03	2.04
6/16/2010 10:45	1.59	1.91	1.89	1.57	0.89	1.73	1.56	2.05	2.06
6/16/2010 11:00	1.61	1.93	1.91	1.60	0.89	1.77	1.57	2.08	2.09
6/16/2010 11:15	1.63	1.94	1.89	1.64	0.89	1.78	1.56	2.09	2.09

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/16/2010 11:30	1.63	1.92	1.86	1.63	0.88	1.76	1.55	2.06	2.05
6/16/2010 11:45	1.64	1.92	1.85	1.63	0.88	1.76	1.55	2.05	2.04
6/16/2010 12:00	1.65	1.91	1.83	1.62	0.87	1.74	1.54	2.02	2.01
6/16/2010 12:15	1.65	1.90	1.81	1.62	0.86	1.72	1.53	1.99	1.99
6/16/2010 12:30	1.66	1.89	1.79	1.62	0.86	1.71	1.53	1.97	1.97
6/16/2010 12:45	1.68	1.89	1.78	1.62	0.87	1.70	1.54	1.96	1.95
6/16/2010 13:00	1.67	1.87	1.74	1.60	0.85	1.66	1.52	1.91	1.90
6/16/2010 13:15	1.68	1.85	1.71	1.59	0.84	1.64	1.52	1.87	1.86
6/16/2010 13:30	1.68	1.84	1.67	1.58	0.83	1.60	1.51	1.82	1.81
6/16/2010 13:45	1.67	1.82	1.65	1.55	0.82	1.56	1.49	1.77	1.77
6/16/2010 14:00	1.66	1.80	1.63	1.52	0.82	1.53	1.48	1.73	1.73
6/16/2010 14:15	1.66	1.79	1.62	1.51	0.81	1.52	1.48	1.71	1.71
6/16/2010 14:30	1.66	1.77	1.57	1.49	0.80	1.48	1.47	1.66	1.66
6/16/2010 14:45	1.66	1.73	1.50	1.47	0.80	1.43	1.46	1.59	1.58
6/16/2010 15:00	1.65	1.69	1.43	1.43	0.78	1.37	1.45	1.50	1.50
6/16/2010 15:15	1.64	1.66	1.39	1.40	0.78	1.32	1.45	1.43	1.44
6/16/2010 15:30	1.62	1.64	1.37	1.36	0.75	1.26	1.42	1.37	1.38
6/16/2010 15:45	1.61	1.62	1.35	1.33	0.74	1.22	1.41	1.33	1.34
6/16/2010 16:00	1.60	1.60	1.32	1.29	0.73	1.18	1.39	1.28	1.30
6/16/2010 16:15	1.58	1.57	1.27	1.26	0.71	1.14	1.38	1.22	1.24
6/16/2010 16:30	1.57	1.53	1.22	1.22	0.70	1.08	1.37	1.16	1.17
6/16/2010 16:45	1.56	1.51	1.18	1.19	0.70	1.04	1.36	1.10	1.11
6/16/2010 17:00	1.54	1.48	1.13	1.16	0.68	0.98	1.35	1.03	1.04
6/16/2010 17:15	1.52	1.45	1.10	1.11	0.67	0.93	1.34	0.97	0.99
6/16/2010 17:30	1.51	1.43	1.08	1.08	0.67	0.90	1.34	0.94	0.95
6/16/2010 17:45	1.50	1.42	1.07	1.05	0.66	0.87	1.33	0.91	0.93
6/16/2010 18:00	1.48	1.40	1.05	1.01	0.65	0.84	1.32	0.87	0.89
6/16/2010 18:15	1.46	1.38	1.03	0.99	0.64	0.81	1.31	0.84	0.86
6/16/2010 18:30	1.44	1.36	1.03	0.96	0.63	0.79	1.30	0.82	0.85
6/16/2010 18:45	1.43	1.37	1.05	0.95	0.64	0.79	1.31	0.83	0.86
6/16/2010 19:00	1.43	1.38	1.07	0.94	0.65	0.81	1.32	0.85	0.88
6/16/2010 19:15	1.43	1.39	1.10	0.93	0.65	0.82	1.32	0.88	0.91
6/16/2010 19:30	1.41	1.39	1.11	0.93	0.64	0.82	1.31	0.89	0.91
6/16/2010 19:45	1.41	1.41	1.13	0.94	0.65	0.84	1.32	0.92	0.95

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/16/2010 20:00	1.41	1.42	1.16	0.95	0.65	0.86	1.32	0.96	0.98
6/16/2010 20:15	1.40	1.43	1.19	0.96	0.64	0.88	1.31	0.99	1.01
6/16/2010 20:30	1.39	1.46	1.24	0.99	0.65	0.92	1.31	1.04	1.07
6/16/2010 20:45	1.39	1.47	1.28	1.01	0.64	0.95	1.30	1.10	1.12
6/16/2010 21:00	1.39	1.50	1.33	1.05	0.64	1.00	1.31	1.15	1.18
6/16/2010 21:15	1.38	1.51	1.36	1.09	0.64	1.04	1.30	1.21	1.23
6/16/2010 21:30	1.39	1.54	1.39	1.12	0.64	1.09	1.30	1.26	1.28
6/16/2010 21:45	1.39	1.57	1.43	1.15	0.63	1.12	1.29	1.31	1.33
6/16/2010 22:00	1.40	1.59	1.46	1.19	0.64	1.16	1.30	1.36	1.38
6/16/2010 22:15	1.40	1.61	1.48	1.22	0.64	1.20	1.30	1.40	1.42
6/16/2010 22:30	1.41	1.63	1.51	1.25	0.64	1.23	1.30	1.44	1.46
6/16/2010 22:45	1.42	1.63	1.51	1.28	0.64	1.26	1.30	1.47	1.48
6/16/2010 23:00	1.43	1.64	1.51	1.29	0.64	1.27	1.29	1.48	1.49
6/16/2010 23:15	1.44	1.66	1.53	1.31	0.65	1.30	1.30	1.51	1.52
6/16/2010 23:30	1.44	1.65	1.52	1.32	0.64	1.30	1.29	1.51	1.52
6/16/2010 23:45	1.45	1.66	1.54	1.34	0.64	1.32	1.29	1.53	1.54
6/17/2010 0:00	1.44	1.65	1.53	1.34	0.63	1.31	1.28	1.52	1.53
6/17/2010 0:15	1.45	1.65	1.52	1.35	0.63	1.31	1.28	1.51	1.52
6/17/2010 0:30	1.47	1.65	1.49	1.36	0.64	1.31	1.29	1.50	1.51
6/17/2010 0:45	1.47	1.64	1.45	1.36	0.64	1.29	1.29	1.47	1.47
6/17/2010 1:00	1.47	1.62	1.43	1.35	0.63	1.27	1.29	1.44	1.44
6/17/2010 1:15	1.46	1.60	1.40	1.33	0.62	1.24	1.28	1.39	1.40
6/17/2010 1:30	1.45	1.58	1.38	1.32	0.62	1.22	1.28	1.36	1.37
6/17/2010 1:45	1.46	1.57	1.35	1.30	0.62	1.19	1.27	1.33	1.34
6/17/2010 2:00	1.45	1.55	1.32	1.28	0.62	1.16	1.27	1.28	1.30
6/17/2010 2:15	1.44	1.52	1.28	1.26	0.61	1.12	1.26	1.23	1.24
6/17/2010 2:30	1.43	1.50	1.24	1.24	0.60	1.08	1.26	1.18	1.19
6/17/2010 2:45	1.41	1.47	1.20	1.21	0.59	1.04	1.24	1.12	1.13
6/17/2010 3:00	1.40	1.45	1.16	1.18	0.59	1.00	1.23	1.08	1.08
6/17/2010 3:15	1.40	1.43	1.13	1.16	0.59	0.97	1.25	1.04	1.05
6/17/2010 3:30	1.38	1.40	1.10	1.12	0.58	0.93	1.23	0.99	0.99
6/17/2010 3:45	1.37	1.38	1.08	1.09	0.58	0.90	1.23	0.95	0.96
6/17/2010 4:00	1.37	1.37	1.06	1.07	0.59	0.88	1.25	0.92	0.94
6/17/2010 4:15	1.35	1.35	1.03	1.05	0.59	0.85	1.25	0.88	0.90

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/17/2010 4:30	1.33	1.32	0.99	1.01	0.57	0.80	1.23	0.83	0.83
6/17/2010 4:45	1.33	1.31	0.97	0.99	0.58	0.77	1.24	0.80	0.81
6/17/2010 5:00	1.33	1.30	0.96	0.96	0.59	0.75	1.25	0.77	0.79
6/17/2010 5:15	1.32	1.30	0.93	0.95	0.60	0.73	1.26	0.74	0.77
6/17/2010 5:30	1.31	1.28	0.92	0.92	0.60	0.71	1.26	0.72	0.74
6/17/2010 5:45	1.30	1.26	0.90	0.89	0.59	0.69	1.26	0.68	0.71
6/17/2010 6:00	1.30	1.26	0.90	0.87	0.60	0.67	1.27	0.67	0.70
6/17/2010 6:15	1.29	1.25	0.89	0.85	0.60	0.66	1.27	0.66	0.68
6/17/2010 6:30	1.27	1.24	0.89	0.83	0.59	0.64	1.26	0.64	0.67
6/17/2010 6:45	1.27	1.25	0.91	0.82	0.60	0.65	1.27	0.66	0.69
6/17/2010 7:00	1.26	1.25	0.92	0.81	0.60	0.65	1.27	0.67	0.70
6/17/2010 7:15	1.25	1.26	0.95	0.80	0.60	0.66	1.27	0.70	0.72
6/17/2010 7:30	1.25	1.27	0.97	0.81	0.61	0.68	1.27	0.72	0.75
6/17/2010 7:45	1.25	1.28	1.01	0.83	0.62	0.71	1.28	0.76	0.79
6/17/2010 8:00	1.24	1.30	1.03	0.83	0.61	0.72	1.27	0.79	0.82
6/17/2010 8:15	1.25	1.31	1.06	0.86	0.62	0.76	1.28	0.84	0.87
6/17/2010 8:30	1.24	1.33	1.08	0.87	0.61	0.78	1.27	0.87	0.90
6/17/2010 8:45	1.24	1.34	1.11	0.90	0.62	0.81	1.27	0.91	0.93
6/17/2010 9:00	1.24	1.37	1.15	0.92	0.62	0.84	1.27	0.96	0.98
6/17/2010 9:15	1.23	1.38	1.17	0.95	0.61	0.87	1.27	1.00	1.02
6/17/2010 9:30	1.24	1.40	1.21	0.98	0.62	0.91	1.28	1.05	1.07
6/17/2010 9:45	1.24	1.42	1.23	1.01	0.61	0.94	1.27	1.08	1.10
6/17/2010 10:00	1.26	1.44	1.28	1.04	0.62	0.99	1.28	1.15	1.17
6/17/2010 10:15	1.26	1.46	1.30	1.07	0.62	1.01	1.27	1.18	1.20
6/17/2010 10:30	1.26	1.47	1.31	1.10	0.62	1.04	1.27	1.21	1.23
6/17/2010 10:45	1.28	1.49	1.34	1.12	0.63	1.07	1.28	1.25	1.26
6/17/2010 11:00	1.28	1.49	1.34	1.14	0.62	1.09	1.27	1.26	1.28
6/17/2010 11:15	1.29	1.51	1.35	1.15	0.63	1.11	1.28	1.29	1.30
6/17/2010 11:30	1.30	1.51	1.37	1.17	0.63	1.13	1.28	1.31	1.32
6/17/2010 11:45	1.31	1.52	1.36	1.18	0.63	1.14	1.27	1.32	1.33
6/17/2010 12:00	1.31	1.51	1.33	1.18	0.63	1.13	1.27	1.30	1.31
6/17/2010 12:15	1.33	1.51	1.34	1.20	0.64	1.14	1.28	1.30	1.31
6/17/2010 12:30	1.33	1.50	1.32	1.20	0.64	1.13	1.28	1.29	1.29
6/17/2010 12:45	1.33	1.49	1.29	1.19	0.64	1.11	1.28	1.25	1.26

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/17/2010 13:00	1.33	1.48	1.26	1.18	0.64	1.09	1.28	1.22	1.23
6/17/2010 13:15	1.34	1.47	1.25	1.17	0.63	1.07	1.27	1.20	1.21
6/17/2010 13:30	1.33	1.46	1.24	1.16	0.63	1.06	1.23	1.18	1.19
6/17/2010 13:45	1.33	1.43	1.19	1.15	0.63	1.03	1.16	1.13	1.14
6/17/2010 14:00	1.32	1.41	1.16	1.12	0.62	1.00	1.08	1.09	1.10
6/17/2010 14:15	1.32	1.39	1.11	1.10	0.62	0.96	1.00	1.04	1.05
6/17/2010 14:30	1.31	1.37	1.08	1.08	0.62	0.92	0.85	0.98	1.00
6/17/2010 14:45	1.30	1.35	1.05	1.05	0.61	0.89	0.71	0.94	0.95
6/17/2010 15:00	1.29	1.32	1.01	1.02	0.61	0.85	0.64	0.89	0.90
6/17/2010 15:15	1.27	1.29	0.96	0.99	0.61	0.81	0.58	0.83	0.85
6/17/2010 15:30	1.26	1.26	0.93	0.96	0.61	0.77	0.52	0.78	0.80
6/17/2010 15:45	1.25	1.24	0.88	0.93	0.60	0.72	0.46	0.72	0.73
6/17/2010 16:00	1.24	1.22	0.85	0.89	0.61	0.67	0.41	0.66	0.68
6/17/2010 16:15	1.22	1.17	0.78	0.85	0.59	0.62	0.34	0.59	0.61
6/17/2010 16:30	1.21	1.15	0.74	0.81	0.59	0.57	0.28	0.53	0.55
6/17/2010 16:45	1.20	1.12	0.70	0.77	0.60	0.52	0.22	0.47	0.49
6/17/2010 17:00	1.19	1.09	0.67	0.73	0.59	0.47	0.16	0.41	0.44
6/17/2010 17:15	1.18	1.08	0.64	0.69	0.60	0.43	0.11	0.37	0.39
6/17/2010 17:30	1.17	1.05	0.59	0.65	0.60	0.38	0.05	0.30	0.33
6/17/2010 17:45	1.17	1.02	0.54	0.61	0.60	0.34	0.00	0.25	0.27
6/17/2010 18:00	1.16	1.00	0.52	0.56	0.60	0.30	-0.06	0.20	0.23
6/17/2010 18:15	1.15	0.99	0.50	0.54	0.61	0.27	-0.09	0.17	0.20
6/17/2010 18:30	1.15	0.98	0.48	0.51	0.62	0.25	-0.13	0.14	0.17
6/17/2010 18:45	1.13	0.96	0.47	0.47	0.61	0.22	-0.16	0.11	0.14
6/17/2010 19:00	1.12	0.95	0.46	0.44	0.61	0.19	-0.19	0.09	0.12
6/17/2010 19:15	1.12	0.94	0.46	0.42	0.62	0.19	-0.19	0.08	0.12
6/17/2010 19:30	1.12	0.94	0.48	0.41	0.63	0.19	-0.19	0.09	0.13
6/17/2010 19:45	1.11	0.95	0.51	0.39	0.63	0.19	-0.18	0.11	0.15
6/17/2010 20:00	1.10	0.96	0.52	0.39	0.63	0.20	-0.16	0.13	0.17
6/17/2010 20:15	1.09	0.96	0.55	0.38	0.64	0.21	-0.14	0.16	0.19
6/17/2010 20:30	1.10	0.99	0.60	0.39	0.65	0.25	-0.10	0.21	0.25
6/17/2010 20:45	1.10	1.02	0.64	0.42	0.67	0.29	-0.04	0.26	0.30
6/17/2010 21:00	1.10	1.04	0.69	0.44	0.68	0.33	0.01	0.32	0.35
6/17/2010 21:15	1.10	1.06	0.72	0.46	0.68	0.36	0.05	0.37	0.40

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/17/2010 21:30	1.10	1.09	0.75	0.50	0.69	0.40	0.11	0.42	0.46
6/17/2010 21:45	1.11	1.11	0.81	0.53	0.71	0.46	0.18	0.49	0.52
6/17/2010 22:00	1.13	1.15	0.87	0.57	0.73	0.52	0.26	0.58	0.60
6/17/2010 22:15	1.14	1.18	0.91	0.62	0.74	0.57	0.32	0.64	0.66
6/17/2010 22:30	1.14	1.21	0.97	0.65	0.74	0.61	0.38	0.70	0.72
6/17/2010 22:45	1.16	1.25	1.01	0.70	0.76	0.67	0.46	0.78	0.80
6/17/2010 23:00	1.16	1.27	1.04	0.74	0.76	0.72	0.52	0.83	0.85
6/17/2010 23:15	1.17	1.28	1.06	0.78	0.77	0.76	0.57	0.88	0.89
6/17/2010 23:30	1.18	1.29	1.07	0.81	0.79	0.79	0.60	0.91	0.92
6/17/2010 23:45	1.19	1.29	1.04	0.82	0.79	0.79	0.61	0.90	0.91
6/18/2010 0:00	1.19	1.27	1.01	0.83	0.79	0.79	0.60	0.89	0.89
6/18/2010 0:15	1.20	1.29	1.04	0.83	0.80	0.80	0.61	0.90	0.91
6/18/2010 0:30	1.20	1.30	1.06	0.84	0.80	0.82	0.62	0.92	0.94
6/18/2010 0:45	1.20	1.30	1.07	0.85	0.79	0.83	0.64	0.94	0.96
6/18/2010 1:00	1.20	1.30	1.08	0.86	0.80	0.85	0.66	0.96	0.97
6/18/2010 1:15	1.21	1.31	1.07	0.87	0.81	0.86	0.68	0.97	0.97
6/18/2010 1:30	1.20	1.30	1.04	0.88	0.80	0.84	0.65	0.94	0.94
6/18/2010 1:45	1.19	1.26	0.98	0.86	0.78	0.81	0.61	0.88	0.89
6/18/2010 2:00	1.20	1.25	0.95	0.86	0.79	0.79	0.58	0.84	0.85
6/18/2010 2:15	1.19	1.24	0.91	0.84	0.79	0.76	0.53	0.80	0.81
6/18/2010 2:30	1.19	1.21	0.89	0.83	0.79	0.73	0.49	0.77	0.78
6/18/2010 2:45	1.18	1.20	0.88	0.81	0.79	0.71	0.46	0.74	0.75
6/18/2010 3:00	1.18	1.19	0.86	0.79	0.79	0.69	0.44	0.71	0.72
6/18/2010 3:15	1.17	1.17	0.83	0.77	0.78	0.66	0.41	0.68	0.69
6/18/2010 3:30	1.16	1.15	0.79	0.75	0.78	0.63	0.37	0.63	0.64
6/18/2010 3:45	1.16	1.13	0.75	0.73	0.78	0.59	0.32	0.58	0.59
6/18/2010 4:00	1.15	1.11	0.72	0.70	0.77	0.56	0.27	0.54	0.55
6/18/2010 4:15	1.14	1.09	0.69	0.67	0.78	0.52	0.23	0.50	0.51
6/18/2010 4:30	1.15	1.08	0.68	0.65	0.78	0.50	0.20	0.47	0.49
6/18/2010 4:45	1.13	1.05	0.64	0.62	0.77	0.46	0.16	0.42	0.44
6/18/2010 5:00	1.12	1.03	0.62	0.59	0.77	0.43	0.12	0.38	0.40
6/18/2010 5:15	1.13	1.04	0.61	0.57	0.79	0.42	0.10	0.37	0.39
6/18/2010 5:30	1.13	1.03	0.59	0.55	0.79	0.40	0.07	0.34	0.36
6/18/2010 5:45	1.12	1.02	0.58	0.53	0.79	0.38	0.04	0.32	0.34

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/18/2010 6:00	1.13	1.01	0.57	0.50	0.79	0.37	0.03	0.31	0.34
6/18/2010 6:15	1.13	1.01	0.56	0.49	0.80	0.35	0.02	0.29	0.32
6/18/2010 6:30	1.12	1.00	0.55	0.47	0.80	0.34	-0.01	0.27	0.30
6/18/2010 6:45	1.12	0.99	0.55	0.46	0.81	0.33	-0.02	0.26	0.29
6/18/2010 7:00	1.13	0.98	0.55	0.44	0.81	0.32	-0.03	0.25	0.28
6/18/2010 7:15	1.12	0.99	0.56	0.44	0.82	0.33	-0.03	0.26	0.30
6/18/2010 7:30	1.13	1.00	0.58	0.43	0.83	0.34	-0.01	0.28	0.31
6/18/2010 7:45	1.12	1.00	0.59	0.42	0.82	0.33	-0.01	0.29	0.32
6/18/2010 8:00	1.13	1.02	0.63	0.42	0.83	0.36	0.03	0.33	0.36
6/18/2010 8:15	1.12	1.03	0.66	0.44	0.84	0.38	0.05	0.36	0.39
6/18/2010 8:30	1.12	1.05	0.69	0.44	0.84	0.40	0.09	0.39	0.43
6/18/2010 8:45	1.12	1.07	0.72	0.47	0.84	0.43	0.13	0.44	0.47
6/18/2010 9:00	1.12	1.08	0.74	0.49	0.84	0.46	0.16	0.47	0.51
6/18/2010 9:15	1.12	1.10	0.78	0.51	0.84	0.49	0.21	0.52	0.55
6/18/2010 9:30	1.12	1.13	0.83	0.55	0.85	0.53	0.26	0.58	0.61
6/18/2010 9:45	1.11	1.14	0.86	0.58	0.84	0.56	0.30	0.63	0.66
6/18/2010 10:00	1.10	1.16	0.92	0.61	0.83	0.60	0.35	0.68	0.71
6/18/2010 10:15	1.12	1.20	0.96	0.66	0.84	0.66	0.42	0.75	0.78
6/18/2010 10:30	1.11	1.22	1.00	0.69	0.84	0.70	0.46	0.80	0.83
6/18/2010 10:45	1.11	1.24	1.04	0.73	0.84	0.74	0.52	0.87	0.89
6/18/2010 11:00	1.12	1.27	1.08	0.76	0.84	0.79	0.58	0.92	0.95
6/18/2010 11:15	1.13	1.29	1.12	0.81	0.85	0.84	0.64	0.98	1.01
6/18/2010 11:30	1.13	1.31	1.15	0.84	0.85	0.88	0.69	1.03	1.06
6/18/2010 11:45	1.14	1.34	1.18	0.88	0.85	0.92	0.74	1.08	1.10
6/18/2010 12:00	1.15	1.36	1.21	0.91	0.85	0.96	0.79	1.13	1.15
6/18/2010 12:15	1.16	1.38	1.24	0.94	0.86	0.99	0.84	1.17	1.19
6/18/2010 12:30	1.17	1.39	1.25	0.97	0.86	1.02	0.88	1.20	1.22
6/18/2010 12:45	1.18	1.40	1.26	0.99	0.86	1.05	0.91	1.23	1.25
6/18/2010 13:00	1.19	1.41	1.28	1.01	0.86	1.07	0.94	1.25	1.27
6/18/2010 13:15	1.20	1.42	1.28	1.03	0.86	1.09	0.96	1.27	1.28
6/18/2010 13:30	1.21	1.43	1.28	1.04	0.86	1.10	0.97	1.28	1.29
6/18/2010 13:45	1.21	1.44	1.27	1.05	0.85	1.10	0.97	1.27	1.29
6/18/2010 14:00	1.21	1.43	1.25	1.05	0.84	1.09	0.97	1.26	1.27
6/18/2010 14:15	1.21	1.42	1.23	1.05	0.84	1.08	0.96	1.24	1.26

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/18/2010 14:30	1.22	1.42	1.21	1.05	0.83	1.08	0.94	1.23	1.24
6/18/2010 14:45	1.21	1.40	1.18	1.04	0.82	1.05	0.91	1.19	1.19
6/18/2010 15:00	1.22	1.39	1.17	1.04	0.83	1.04	0.89	1.17	1.18
6/18/2010 15:15	1.22	1.37	1.13	1.03	0.82	1.01	0.85	1.12	1.13
6/18/2010 15:30	1.22	1.35	1.10	1.01	0.81	0.98	0.81	1.09	1.09
6/18/2010 15:45	1.21	1.33	1.07	0.99	0.80	0.95	0.77	1.04	1.04
6/18/2010 16:00	1.21	1.31	1.04	0.97	0.80	0.92	0.73	1.00	1.00
6/18/2010 16:15	1.20	1.29	1.01	0.94	0.80	0.88	0.69	0.96	0.97
6/18/2010 16:30	1.21	1.28	0.99	0.92	0.79	0.85	0.65	0.92	0.93
6/18/2010 16:45	1.19	1.25	0.95	0.90	0.78	0.82	0.60	0.87	0.88
6/18/2010 17:00	1.19	1.23	0.92	0.88	0.78	0.78	0.56	0.83	0.84
6/18/2010 17:15	1.17	1.20	0.87	0.84	0.77	0.74	0.50	0.77	0.79
6/18/2010 17:30	1.16	1.19	0.85	0.82	0.76	0.71	0.46	0.74	0.75
6/18/2010 17:45	1.16	1.18	0.83	0.79	0.76	0.68	0.43	0.70	0.71
6/18/2010 18:00	1.15	1.16	0.81	0.77	0.76	0.66	0.40	0.67	0.68
6/18/2010 18:15	1.13	1.15	0.79	0.75	0.75	0.63	0.36	0.64	0.65
6/18/2010 18:30	1.12	1.14	0.78	0.73	0.75	0.60	0.33	0.61	0.63
6/18/2010 18:45	1.11	1.12	0.76	0.71	0.74	0.58	0.31	0.58	0.60
6/18/2010 19:00	1.10	1.11	0.74	0.68	0.74	0.56	0.28	0.56	0.57
6/18/2010 19:15	1.09	1.10	0.72	0.66	0.74	0.54	0.25	0.53	0.55
6/18/2010 19:30	1.09	1.09	0.72	0.65	0.75	0.53	0.24	0.52	0.54
6/18/2010 19:45	1.07	1.08	0.72	0.63	0.74	0.51	0.22	0.51	0.53
6/18/2010 20:00	1.07	1.08	0.73	0.62	0.74	0.51	0.23	0.51	0.53
6/18/2010 20:15	1.07	1.09	0.76	0.61	0.75	0.53	0.25	0.54	0.56
6/18/2010 20:30	1.06	1.10	0.79	0.61	0.74	0.53	0.26	0.56	0.59
6/18/2010 20:45	1.06	1.11	0.82	0.61	0.76	0.56	0.30	0.61	0.63
6/18/2010 21:00	1.07	1.14	0.86	0.64	0.77	0.60	0.35	0.65	0.67
6/18/2010 21:15	1.07	1.16	0.90	0.66	0.77	0.63	0.39	0.69	0.72
6/18/2010 21:30	1.07	1.17	0.93	0.68	0.78	0.66	0.43	0.74	0.76
6/18/2010 21:45	1.07	1.19	0.96	0.71	0.78	0.69	0.47	0.78	0.80
6/18/2010 22:00	1.08	1.22	1.02	0.74	0.78	0.74	0.53	0.85	0.87
6/18/2010 22:15	1.08	1.25	1.07	0.78	0.79	0.79	0.60	0.92	0.93
6/18/2010 22:30	1.10	1.30	1.13	0.82	0.80	0.85	0.68	1.00	1.01
6/18/2010 22:45	1.12	1.33	1.18	0.88	0.82	0.91	0.75	1.07	1.09

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/18/2010 23:00	1.13	1.36	1.22	0.92	0.82	0.96	0.82	1.13	1.15
6/18/2010 23:15	1.14	1.39	1.25	0.95	0.83	1.00	0.87	1.19	1.20
6/18/2010 23:30	1.16	1.43	1.31	0.99	0.84	1.06	0.94	1.26	1.28
6/18/2010 23:45	1.17	1.45	1.34	1.03	0.84	1.10	0.99	1.31	1.32
6/19/2010 0:00	1.18	1.48	1.38	1.07	0.84	1.15	1.05	1.37	1.38
6/19/2010 0:15	1.21	1.51	1.42	1.10	0.85	1.20	1.12	1.44	1.45
6/19/2010 0:30	1.22	1.53	1.45	1.14	0.86	1.24	1.17	1.48	1.50
6/19/2010 0:45	1.23	1.54	1.46	1.18	0.85	1.27	1.20	1.51	1.52
6/19/2010 1:00	1.25	1.57	1.48	1.20	0.86	1.30	1.24	1.55	1.57
6/19/2010 1:15	1.25	1.57	1.49	1.23	0.85	1.32	1.26	1.57	1.57
6/19/2010 1:30	1.27	1.58	1.50	1.25	0.86	1.34	1.28	1.59	1.59
6/19/2010 1:45	1.28	1.60	1.52	1.26	0.87	1.37	1.31	1.62	1.63
6/19/2010 2:00	1.28	1.59	1.51	1.27	0.85	1.37	1.31	1.61	1.61
6/19/2010 2:15	1.30	1.61	1.52	1.29	0.86	1.39	1.33	1.63	1.64
6/19/2010 2:30	1.31	1.61	1.51	1.30	0.86	1.39	1.34	1.63	1.63
6/19/2010 2:45	1.32	1.61	1.48	1.31	0.86	1.39	1.33	1.62	1.61
6/19/2010 3:00	1.32	1.60	1.46	1.30	0.86	1.38	1.31	1.59	1.59
6/19/2010 3:15	1.33	1.58	1.43	1.30	0.86	1.35	1.28	1.56	1.55
6/19/2010 3:30	1.34	1.57	1.40	1.29	0.86	1.33	1.25	1.52	1.52
6/19/2010 3:45	1.35	1.57	1.39	1.28	0.87	1.32	1.22	1.50	1.51
6/19/2010 4:00	1.34	1.55	1.36	1.27	0.85	1.29	1.18	1.46	1.46
6/19/2010 4:15	1.36	1.55	1.35	1.25	0.86	1.28	1.17	1.44	1.45
6/19/2010 4:30	1.35	1.53	1.31	1.23	0.85	1.24	1.12	1.40	1.40
6/19/2010 4:45	1.35	1.51	1.29	1.22	0.85	1.22	1.09	1.36	1.36
6/19/2010 5:00	1.36	1.50	1.26	1.20	0.85	1.19	1.05	1.33	1.33
6/19/2010 5:15	1.36	1.48	1.23	1.18	0.84	1.16	1.01	1.29	1.29
6/19/2010 5:30	1.35	1.46	1.21	1.16	0.84	1.13	0.97	1.25	1.25
6/19/2010 5:45	1.36	1.46	1.20	1.14	0.85	1.11	0.95	1.22	1.24
6/19/2010 6:00	1.37	1.45	1.18	1.13	0.86	1.10	0.93	1.20	1.21
6/19/2010 6:15	1.36	1.43	1.16	1.09	0.85	1.06	0.88	1.16	1.17
6/19/2010 6:30	1.36	1.43	1.15	1.08	0.86	1.05	0.86	1.14	1.16
6/19/2010 6:45	1.36	1.42	1.14	1.06	0.86	1.03	0.84	1.12	1.14
6/19/2010 7:00	1.36	1.41	1.13	1.04	0.85	1.01	0.82	1.09	1.11
6/19/2010 7:15	1.35	1.39	1.10	1.02	0.84	0.98	0.79	1.06	1.08

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/19/2010 7:30	1.34	1.38	1.09	1.00	0.84	0.96	0.76	1.04	1.06
6/19/2010 7:45	1.34	1.38	1.09	0.98	0.84	0.95	0.75	1.03	1.05
6/19/2010 8:00	1.32	1.37	1.07	0.97	0.83	0.93	0.72	1.01	1.02
6/19/2010 8:15	1.32	1.36	1.08	0.96	0.83	0.93	0.72	1.01	1.02
6/19/2010 8:30	1.33	1.38	1.11	0.96	0.84	0.94	0.74	1.03	1.05
6/19/2010 8:45	1.31	1.38	1.11	0.95	0.83	0.94	0.74	1.03	1.04
6/19/2010 9:00	1.31	1.39	1.14	0.95	0.83	0.95	0.76	1.05	1.07
6/19/2010 9:15	1.31	1.41	1.17	0.96	0.83	0.97	0.79	1.09	1.11
6/19/2010 9:30	1.31	1.42	1.20	0.98	0.83	1.00	0.82	1.12	1.14
6/19/2010 9:45	1.31	1.43	1.22	0.99	0.83	1.02	0.85	1.15	1.16
6/19/2010 10:00	1.31	1.43	1.24	0.99	0.82	1.03	0.87	1.17	1.18
6/19/2010 10:15	1.31	1.44	1.26	1.02	0.81	1.05	0.89	1.20	1.21
6/19/2010 10:30	1.31	1.46	1.30	1.04	0.82	1.08	0.94	1.25	1.26
6/19/2010 10:45	1.32	1.50	1.35	1.07	0.82	1.12	0.99	1.31	1.32
6/19/2010 11:00	1.32	1.53	1.40	1.11	0.82	1.17	1.05	1.37	1.38
6/19/2010 11:15	1.33	1.55	1.43	1.15	0.82	1.21	1.10	1.42	1.43
6/19/2010 11:30	1.33	1.56	1.45	1.16	0.82	1.23	1.14	1.45	1.46
6/19/2010 11:45	1.35	1.59	1.49	1.20	0.83	1.28	1.19	1.51	1.51
6/19/2010 12:00	1.35	1.60	1.51	1.23	0.82	1.30	1.23	1.54	1.55
6/19/2010 12:15	1.36	1.62	1.54	1.25	0.82	1.34	1.27	1.58	1.59
6/19/2010 12:30	1.37	1.64	1.57	1.28	0.82	1.37	1.31	1.63	1.63
6/19/2010 12:45	1.38	1.66	1.59	1.31	0.83	1.40	1.35	1.66	1.67
6/19/2010 13:00	1.38	1.68	1.61	1.33	0.82	1.43	1.37	1.69	1.69
6/19/2010 13:15	1.39	1.69	1.62	1.36	0.82	1.45	1.40	1.72	1.72
6/19/2010 13:30	1.39	1.69	1.64	1.37	0.81	1.46	1.42	1.73	1.74
6/19/2010 13:45	1.40	1.70	1.64	1.39	0.81	1.48	1.44	1.75	1.74
6/19/2010 14:00	1.40	1.70	1.62	1.38	0.81	1.48	1.44	1.74	1.73
6/19/2010 14:15	1.40	1.69	1.60	1.39	0.80	1.47	1.43	1.73	1.72
6/19/2010 14:30	1.40	1.68	1.58	1.38	0.79	1.46	1.41	1.70	1.70
6/19/2010 14:45	1.39	1.68	1.57	1.38	0.78	1.44	1.39	1.68	1.69
6/19/2010 15:00	1.40	1.68	1.56	1.38	0.77	1.44	1.38	1.67	1.68
6/19/2010 15:15	1.39	1.66	1.54	1.37	0.76	1.42	1.35	1.63	1.64
6/19/2010 15:30	1.39	1.64	1.51	1.37	0.75	1.39	1.32	1.60	1.61
6/19/2010 15:45	1.38	1.62	1.47	1.35	0.73	1.36	1.28	1.56	1.56

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/19/2010 16:00	1.38	1.60	1.44	1.34	0.73	1.34	1.24	1.52	1.53
6/19/2010 16:15	1.38	1.59	1.41	1.32	0.73	1.31	1.20	1.48	1.49
6/19/2010 16:30	1.37	1.56	1.37	1.30	0.72	1.26	1.15	1.43	1.43
6/19/2010 16:45	1.37	1.55	1.34	1.28	0.71	1.23	1.11	1.39	1.40
6/19/2010 17:00	1.37	1.54	1.32	1.26	0.71	1.21	1.07	1.35	1.36
6/19/2010 17:15	1.38	1.52	1.30	1.24	0.71	1.18	1.04	1.32	1.33
6/19/2010 17:30	1.36	1.49	1.27	1.21	0.70	1.14	0.99	1.27	1.28
6/19/2010 17:45	1.36	1.48	1.25	1.19	0.69	1.11	0.95	1.23	1.24
6/19/2010 18:00	1.36	1.46	1.22	1.17	0.69	1.08	0.91	1.19	1.20
6/19/2010 18:15	1.34	1.43	1.16	1.13	0.67	1.02	0.85	1.12	1.13
6/19/2010 18:30	1.34	1.42	1.14	1.12	0.68	1.00	0.81	1.09	1.10
6/19/2010 18:45	1.32	1.39	1.10	1.08	0.67	0.95	0.76	1.03	1.04
6/19/2010 19:00	1.31	1.37	1.06	1.05	0.66	0.91	0.71	0.98	1.00
6/19/2010 19:15	1.31	1.35	1.04	1.02	0.66	0.88	0.67	0.94	0.96
6/19/2010 19:30	1.30	1.33	1.02	0.99	0.66	0.85	0.63	0.91	0.92
6/19/2010 19:45	1.28	1.31	0.99	0.95	0.65	0.81	0.59	0.86	0.88
6/19/2010 20:00	1.29	1.31	0.99	0.94	0.66	0.80	0.57	0.85	0.87
6/19/2010 20:15	1.28	1.30	0.99	0.92	0.67	0.78	0.55	0.83	0.85
6/19/2010 20:30	1.27	1.29	0.97	0.89	0.65	0.76	0.52	0.81	0.83
6/19/2010 20:45	1.26	1.28	0.97	0.87	0.65	0.75	0.51	0.80	0.82
6/19/2010 21:00	1.26	1.28	0.98	0.86	0.65	0.74	0.51	0.80	0.82
6/19/2010 21:15	1.24	1.28	1.00	0.84	0.64	0.74	0.51	0.81	0.83
6/19/2010 21:30	1.24	1.30	1.03	0.85	0.65	0.76	0.54	0.84	0.87
6/19/2010 21:45	1.24	1.31	1.06	0.85	0.66	0.79	0.57	0.87	0.90
6/19/2010 22:00	1.24	1.34	1.12	0.87	0.66	0.82	0.62	0.93	0.96
6/19/2010 22:15	1.24	1.37	1.17	0.89	0.66	0.86	0.68	0.99	1.02
6/19/2010 22:30	1.25	1.39	1.20	0.93	0.67	0.90	0.73	1.04	1.07
6/19/2010 22:45	1.26	1.42	1.26	0.97	0.68	0.95	0.80	1.12	1.14
6/19/2010 23:00	1.25	1.44	1.30	1.00	0.68	0.99	0.85	1.18	1.20
6/19/2010 23:15	1.27	1.47	1.34	1.05	0.69	1.05	0.92	1.24	1.26
6/19/2010 23:30	1.27	1.50	1.38	1.08	0.68	1.08	0.97	1.29	1.31
6/19/2010 23:45	1.30	1.54	1.43	1.13	0.70	1.14	1.04	1.37	1.38
6/20/2010 0:00	1.30	1.56	1.48	1.16	0.69	1.18	1.10	1.42	1.44
6/20/2010 0:15	1.32	1.60	1.54	1.21	0.71	1.25	1.17	1.50	1.52

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/20/2010 0:30	1.32	1.62	1.57	1.24	0.70	1.29	1.23	1.56	1.57
6/20/2010 0:45	1.33	1.65	1.61	1.28	0.69	1.33	1.28	1.61	1.63
6/20/2010 1:00	1.35	1.67	1.64	1.32	0.70	1.38	1.34	1.67	1.68
6/20/2010 1:15	1.37	1.70	1.67	1.35	0.70	1.42	1.39	1.71	1.73
6/20/2010 1:30	1.36	1.71	1.69	1.39	0.69	1.45	1.43	1.75	1.76
6/20/2010 1:45	1.39	1.74	1.72	1.41	0.71	1.49	1.48	1.80	1.81
6/20/2010 2:00	1.40	1.76	1.74	1.45	0.71	1.52	1.52	1.83	1.84
6/20/2010 2:15	1.41	1.76	1.75	1.47	0.70	1.54	1.54	1.85	1.86
6/20/2010 2:30	1.42	1.77	1.76	1.49	0.69	1.55	1.55	1.87	1.87
6/20/2010 2:45	1.43	1.78	1.77	1.50	0.69	1.57	1.57	1.88	1.89
6/20/2010 3:00	1.44	1.79	1.77	1.51	0.70	1.59	1.59	1.89	1.90
6/20/2010 3:15	1.45	1.79	1.76	1.53	0.68	1.59	1.58	1.89	1.89
6/20/2010 3:30	1.45	1.79	1.73	1.52	0.67	1.58	1.57	1.87	1.87
6/20/2010 3:45	1.46	1.78	1.72	1.53	0.67	1.58	1.56	1.86	1.86
6/20/2010 4:00	1.47	1.77	1.69	1.53	0.67	1.56	1.54	1.83	1.83
6/20/2010 4:15	1.47	1.76	1.67	1.52	0.67	1.55	1.52	1.80	1.80
6/20/2010 4:30	1.49	1.75	1.66	1.53	0.68	1.54	1.50	1.79	1.79
6/20/2010 4:45	1.49	1.75	1.63	1.51	0.67	1.51	1.46	1.75	1.75
6/20/2010 5:00	1.50	1.73	1.61	1.51	0.68	1.50	1.45	1.73	1.73
6/20/2010 5:15	1.50	1.71	1.57	1.49	0.68	1.47	1.40	1.68	1.68
6/20/2010 5:30	1.51	1.70	1.55	1.47	0.67	1.44	1.36	1.64	1.64
6/20/2010 5:45	1.51	1.68	1.52	1.46	0.67	1.41	1.32	1.60	1.60
6/20/2010 6:00	1.51	1.67	1.49	1.44	0.67	1.38	1.28	1.56	1.56
6/20/2010 6:15	1.51	1.65	1.45	1.41	0.67	1.35	1.24	1.51	1.51
6/20/2010 6:30	1.52	1.63	1.43	1.39	0.68	1.31	1.20	1.47	1.48
6/20/2010 6:45	1.53	1.62	1.40	1.37	0.68	1.28	1.16	1.43	1.44
6/20/2010 7:00	1.52	1.60	1.37	1.34	0.68	1.24	1.11	1.38	1.39
6/20/2010 7:15	1.52	1.58	1.34	1.32	0.68	1.21	1.06	1.34	1.34
6/20/2010 7:30	1.52	1.56	1.30	1.29	0.67	1.17	1.02	1.29	1.29
6/20/2010 7:45	1.53	1.55	1.26	1.26	0.68	1.14	0.98	1.24	1.25
6/20/2010 8:00	1.52	1.52	1.23	1.22	0.68	1.10	0.93	1.19	1.20
6/20/2010 8:15	1.51	1.50	1.20	1.19	0.68	1.06	0.88	1.15	1.15
6/20/2010 8:30	1.51	1.49	1.18	1.17	0.68	1.03	0.84	1.11	1.12
6/20/2010 8:45	1.51	1.47	1.15	1.13	0.68	0.99	0.79	1.07	1.08

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/20/2010 9:00	1.50	1.46	1.13	1.11	0.68	0.96	0.76	1.03	1.04
6/20/2010 9:15	1.50	1.44	1.11	1.07	0.68	0.93	0.72	0.99	1.01
6/20/2010 9:30	1.48	1.41	1.08	1.04	0.67	0.89	0.68	0.95	0.97
6/20/2010 9:45	1.47	1.40	1.07	1.01	0.66	0.87	0.65	0.92	0.94
6/20/2010 10:00	1.46	1.39	1.06	0.99	0.66	0.85	0.62	0.90	0.92
6/20/2010 10:15	1.44	1.37	1.05	0.96	0.65	0.82	0.59	0.87	0.89
6/20/2010 10:30	1.44	1.38	1.07	0.95	0.66	0.82	0.60	0.88	0.91
6/20/2010 10:45	1.42	1.37	1.07	0.93	0.65	0.81	0.59	0.88	0.90
6/20/2010 11:00	1.41	1.37	1.09	0.93	0.65	0.82	0.59	0.89	0.91
6/20/2010 11:15	1.40	1.37	1.10	0.91	0.64	0.81	0.60	0.90	0.92
6/20/2010 11:30	1.39	1.38	1.11	0.91	0.64	0.82	0.61	0.91	0.93
6/20/2010 11:45	1.38	1.38	1.13	0.92	0.64	0.83	0.63	0.93	0.95
6/20/2010 12:00	1.38	1.39	1.14	0.92	0.64	0.85	0.65	0.95	0.97
6/20/2010 12:15	1.37	1.40	1.16	0.93	0.64	0.86	0.67	0.97	1.00
6/20/2010 12:30	1.37	1.41	1.18	0.94	0.64	0.88	0.70	1.00	1.02
6/20/2010 12:45	1.37	1.41	1.19	0.95	0.64	0.90	0.72	1.03	1.05
6/20/2010 13:00	1.36	1.42	1.21	0.96	0.63	0.92	0.74	1.04	1.06
6/20/2010 13:15	1.35	1.43	1.22	0.98	0.63	0.93	0.76	1.07	1.09
6/20/2010 13:30	1.34	1.44	1.23	0.99	0.62	0.94	0.78	1.08	1.10
6/20/2010 13:45	1.34	1.44	1.23	1.00	0.62	0.96	0.80	1.10	1.12
6/20/2010 14:00	1.34	1.44	1.23	1.01	0.62	0.97	0.81	1.11	1.12
6/20/2010 14:15	1.33	1.43	1.22	1.02	0.61	0.96	0.80	1.10	1.11
6/20/2010 14:30	1.33	1.43	1.21	1.02	0.61	0.96	0.80	1.10	1.11
6/20/2010 14:45	1.32	1.42	1.20	1.02	0.61	0.96	0.80	1.09	1.10
6/20/2010 15:00	1.32	1.41	1.18	1.02	0.61	0.95	0.78	1.07	1.08
6/20/2010 15:15	1.33	1.41	1.17	1.02	0.62	0.95	0.77	1.06	1.08
6/20/2010 15:30	1.33	1.41	1.16	1.01	0.62	0.94	0.76	1.05	1.06
6/20/2010 15:45	1.31	1.38	1.13	1.00	0.61	0.91	0.73	1.01	1.02
6/20/2010 16:00	1.31	1.37	1.10	0.99	0.60	0.88	0.69	0.97	0.99
6/20/2010 16:15	1.29	1.35	1.08	0.95	0.59	0.85	0.65	0.94	0.95
6/20/2010 16:30	1.29	1.33	1.04	0.95	0.60	0.83	0.63	0.90	0.92
6/20/2010 16:45	1.28	1.31	0.99	0.93	0.60	0.80	0.58	0.85	0.87
6/20/2010 17:00	1.27	1.27	0.96	0.90	0.58	0.75	0.52	0.79	0.81
6/20/2010 17:15	1.27	1.26	0.93	0.88	0.59	0.72	0.48	0.76	0.78

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/20/2010 17:30	1.25	1.23	0.90	0.85	0.58	0.68	0.43	0.70	0.72
6/20/2010 17:45	1.25	1.22	0.87	0.83	0.58	0.65	0.40	0.67	0.69
6/20/2010 18:00	1.25	1.21	0.85	0.80	0.59	0.63	0.37	0.64	0.66
6/20/2010 18:15	1.23	1.19	0.81	0.78	0.58	0.59	0.32	0.59	0.61
6/20/2010 18:30	1.21	1.15	0.78	0.74	0.57	0.55	0.27	0.54	0.56
6/20/2010 18:45	1.20	1.14	0.75	0.72	0.58	0.52	0.23	0.51	0.53
6/20/2010 19:00	1.19	1.12	0.74	0.69	0.57	0.50	0.20	0.48	0.51
6/20/2010 19:15	1.19	1.11	0.72	0.67	0.58	0.48	0.18	0.45	0.47
6/20/2010 19:30	1.19	1.09	0.69	0.65	0.59	0.45	0.14	0.41	0.44
6/20/2010 19:45	1.17	1.07	0.65	0.61	0.58	0.40	0.09	0.36	0.39
6/20/2010 20:00	1.17	1.05	0.63	0.59	0.58	0.38	0.06	0.33	0.36
6/20/2010 20:15	1.15	1.03	0.61	0.56	0.58	0.35	0.02	0.30	0.33
6/20/2010 20:30	1.14	1.01	0.59	0.54	0.58	0.33	-0.01	0.27	0.30
6/20/2010 20:45	1.14	1.01	0.59	0.51	0.59	0.31	-0.02	0.26	0.28
6/20/2010 21:00	1.14	1.01	0.59	0.50	0.60	0.30	-0.03	0.25	0.28
6/20/2010 21:15	1.13	1.00	0.59	0.48	0.60	0.29	-0.04	0.24	0.27
6/20/2010 21:30	1.14	1.02	0.61	0.48	0.62	0.30	-0.03	0.26	0.29
6/20/2010 21:45	1.14	1.02	0.62	0.48	0.63	0.31	-0.02	0.27	0.30
6/20/2010 22:00	1.13	1.03	0.64	0.47	0.63	0.31	-0.01	0.28	0.32
6/20/2010 22:15	1.12	1.03	0.66	0.47	0.64	0.32	0.01	0.31	0.34
6/20/2010 22:30	1.13	1.05	0.70	0.47	0.65	0.36	0.05	0.35	0.39
6/20/2010 22:45	1.11	1.07	0.73	0.49	0.64	0.37	0.08	0.38	0.42
6/20/2010 23:00	1.12	1.09	0.78	0.50	0.65	0.41	0.14	0.44	0.48
6/20/2010 23:15	1.12	1.10	0.81	0.53	0.66	0.45	0.18	0.49	0.52
6/20/2010 23:30	1.11	1.12	0.85	0.56	0.66	0.48	0.23	0.54	0.57
6/20/2010 23:45	1.12	1.15	0.89	0.60	0.67	0.53	0.29	0.61	0.64
6/21/2010 0:00	1.12	1.18	0.94	0.64	0.68	0.58	0.35	0.67	0.70
6/21/2010 0:15	1.13	1.21	1.00	0.68	0.68	0.63	0.42	0.75	0.77
6/21/2010 0:30	1.12	1.24	1.05	0.71	0.68	0.68	0.49	0.81	0.84
6/21/2010 0:45	1.14	1.27	1.10	0.77	0.69	0.74	0.57	0.88	0.91
6/21/2010 1:00	1.13	1.29	1.14	0.80	0.69	0.78	0.62	0.94	0.97
6/21/2010 1:15	1.15	1.33	1.18	0.85	0.70	0.84	0.69	1.01	1.04
6/21/2010 1:30	1.15	1.35	1.23	0.89	0.69	0.88	0.75	1.07	1.09
6/21/2010 1:45	1.17	1.39	1.26	0.94	0.71	0.94	0.82	1.14	1.16

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/21/2010 2:00	1.18	1.42	1.30	0.98	0.71	0.99	0.88	1.20	1.22
6/21/2010 2:15	1.20	1.44	1.34	1.02	0.72	1.04	0.94	1.26	1.28
6/21/2010 2:30	1.21	1.46	1.37	1.05	0.72	1.08	0.99	1.30	1.32
6/21/2010 2:45	1.23	1.49	1.39	1.09	0.72	1.12	1.03	1.35	1.36
6/21/2010 3:00	1.23	1.49	1.41	1.11	0.72	1.14	1.06	1.37	1.39
6/21/2010 3:15	1.25	1.52	1.43	1.14	0.73	1.18	1.11	1.42	1.43
6/21/2010 3:30	1.25	1.52	1.44	1.16	0.72	1.19	1.12	1.43	1.44
6/21/2010 3:45	1.27	1.53	1.44	1.18	0.72	1.21	1.15	1.45	1.46
6/21/2010 4:00	1.28	1.55	1.45	1.20	0.74	1.24	1.17	1.47	1.48
6/21/2010 4:15	1.30	1.55	1.43	1.21	0.73	1.24	1.18	1.47	1.48
6/21/2010 4:30	1.30	1.55	1.42	1.22	0.73	1.24	1.17	1.46	1.47
6/21/2010 4:45	1.31	1.54	1.40	1.22	0.74	1.24	1.16	1.45	1.45
6/21/2010 5:00	1.33	1.54	1.38	1.22	0.74	1.23	1.14	1.43	1.43
6/21/2010 5:15	1.34	1.53	1.36	1.22	0.75	1.22	1.12	1.40	1.41
6/21/2010 5:30	1.35	1.53	1.35	1.21	0.76	1.21	1.10	1.38	1.39
6/21/2010 5:45	1.36	1.52	1.32	1.21	0.77	1.19	1.08	1.36	1.37
6/21/2010 6:00	1.37	1.51	1.30	1.20	0.78	1.18	1.06	1.33	1.34
6/21/2010 6:15	1.38	1.50	1.27	1.19	0.79	1.16	1.03	1.31	1.30
6/21/2010 6:30	1.40	1.49	1.25	1.18	0.80	1.14	1.00	1.28	1.28
6/21/2010 6:45	1.40	1.47	1.22	1.15	0.80	1.11	0.96	1.23	1.23
6/21/2010 7:00	1.40	1.45	1.18	1.13	0.79	1.07	0.91	1.18	1.18
6/21/2010 7:15	1.39	1.43	1.15	1.10	0.79	1.03	0.86	1.13	1.13
6/21/2010 7:30	1.39	1.41	1.11	1.08	0.80	1.00	0.82	1.09	1.09
6/21/2010 7:45	1.38	1.39	1.07	1.05	0.79	0.96	0.77	1.03	1.04
6/21/2010 8:00	1.38	1.36	1.05	1.02	0.80	0.93	0.73	1.00	1.00
6/21/2010 8:15	1.38	1.35	1.03	0.99	0.81	0.90	0.69	0.96	0.96
6/21/2010 8:30	1.37	1.32	0.98	0.95	0.80	0.85	0.63	0.90	0.90
6/21/2010 8:45	1.36	1.30	0.94	0.92	0.79	0.81	0.58	0.84	0.85
6/21/2010 9:00	1.34	1.27	0.89	0.88	0.78	0.76	0.51	0.78	0.79
6/21/2010 9:15	1.32	1.24	0.86	0.85	0.77	0.72	0.46	0.73	0.74
6/21/2010 9:30	1.31	1.22	0.84	0.82	0.78	0.69	0.43	0.70	0.71
6/21/2010 9:45	1.30	1.20	0.81	0.78	0.78	0.65	0.38	0.65	0.66
6/21/2010 10:00	1.29	1.18	0.79	0.75	0.77	0.62	0.34	0.61	0.62
6/21/2010 10:15	1.28	1.16	0.77	0.72	0.77	0.59	0.30	0.57	0.59

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/21/2010 10:30	1.26	1.15	0.74	0.69	0.77	0.56	0.27	0.54	0.55
6/21/2010 10:45	1.24	1.13	0.72	0.66	0.76	0.53	0.23	0.50	0.52
6/21/2010 11:00	1.23	1.13	0.73	0.64	0.75	0.51	0.21	0.49	0.51
6/21/2010 11:15	1.21	1.12	0.72	0.62	0.75	0.50	0.20	0.48	0.50
6/21/2010 11:30	1.21	1.12	0.72	0.60	0.75	0.49	0.19	0.47	0.50
6/21/2010 11:45	1.20	1.11	0.73	0.59	0.75	0.48	0.19	0.48	0.50
6/21/2010 12:00	1.19	1.12	0.74	0.58	0.75	0.49	0.19	0.49	0.51
6/21/2010 12:15	1.18	1.11	0.76	0.57	0.74	0.48	0.20	0.49	0.51
6/21/2010 12:30	1.18	1.13	0.77	0.58	0.75	0.50	0.22	0.51	0.54
6/21/2010 12:45	1.18	1.14	0.80	0.58	0.75	0.52	0.24	0.54	0.56
6/21/2010 13:00	1.17	1.14	0.81	0.58	0.74	0.52	0.26	0.56	0.58
6/21/2010 13:15	1.16	1.14	0.82	0.59	0.74	0.53	0.27	0.57	0.59
6/21/2010 13:30	1.16	1.16	0.87	0.60	0.74	0.56	0.30	0.61	0.63
6/21/2010 13:45	1.15	1.16	0.88	0.61	0.74	0.57	0.33	0.63	0.65
6/21/2010 14:00	1.15	1.18	0.90	0.63	0.74	0.59	0.36	0.67	0.69
6/21/2010 14:15	1.14	1.19	0.93	0.65	0.74	0.62	0.40	0.70	0.73
6/21/2010 14:30	1.15	1.21	0.95	0.68	0.75	0.65	0.43	0.74	0.76
6/21/2010 14:45	1.14	1.21	0.95	0.69	0.73	0.66	0.45	0.75	0.77
6/21/2010 15:00	1.13	1.21	0.95	0.70	0.74	0.67	0.47	0.77	0.78
6/21/2010 15:15	1.14	1.22	0.97	0.72	0.75	0.70	0.49	0.79	0.81
6/21/2010 15:30	1.14	1.22	0.98	0.73	0.75	0.71	0.51	0.81	0.82
6/21/2010 15:45	1.15	1.22	0.98	0.74	0.75	0.72	0.52	0.82	0.83
6/21/2010 16:00	1.13	1.22	0.97	0.74	0.74	0.72	0.52	0.82	0.83
6/21/2010 16:15	1.13	1.22	0.97	0.75	0.74	0.72	0.52	0.82	0.83
6/21/2010 16:30	1.13	1.22	0.96	0.76	0.74	0.72	0.52	0.81	0.82
6/21/2010 16:45	1.13	1.20	0.93	0.76	0.74	0.71	0.51	0.79	0.80
6/21/2010 17:00	1.13	1.19	0.91	0.76	0.73	0.69	0.48	0.77	0.78
6/21/2010 17:15	1.12	1.18	0.88	0.75	0.73	0.68	0.45	0.74	0.75
6/21/2010 17:30	1.12	1.16	0.85	0.74	0.73	0.65	0.42	0.70	0.71
6/21/2010 17:45	1.12	1.14	0.82	0.72	0.73	0.63	0.39	0.66	0.68
6/21/2010 18:00	1.11	1.13	0.80	0.71	0.73	0.60	0.35	0.64	0.65
6/21/2010 18:15	1.11	1.11	0.78	0.69	0.73	0.58	0.32	0.60	0.62
6/21/2010 18:30	1.11	1.11	0.76	0.67	0.73	0.56	0.30	0.58	0.59
6/21/2010 18:45	1.10	1.09	0.73	0.65	0.73	0.53	0.26	0.54	0.55

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/21/2010 19:00	1.10	1.08	0.73	0.63	0.73	0.52	0.24	0.53	0.54
6/21/2010 19:15	1.09	1.07	0.70	0.61	0.73	0.49	0.22	0.49	0.51
6/21/2010 19:30	1.09	1.05	0.68	0.59	0.73	0.46	0.18	0.46	0.47
6/21/2010 19:45	1.09	1.04	0.66	0.58	0.73	0.45	0.16	0.44	0.45
6/21/2010 20:00	1.09	1.03	0.64	0.56	0.73	0.42	0.13	0.40	0.42
6/21/2010 20:15	1.08	1.01	0.61	0.53	0.73	0.39	0.09	0.37	0.38
6/21/2010 20:30	1.09	1.01	0.59	0.52	0.73	0.38	0.07	0.35	0.36
6/21/2010 20:45	1.08	0.99	0.58	0.50	0.74	0.36	0.04	0.32	0.34
6/21/2010 21:00	1.08	0.98	0.57	0.48	0.73	0.34	0.02	0.30	0.32
6/21/2010 21:15	1.08	0.97	0.56	0.46	0.74	0.33	0.01	0.29	0.31
6/21/2010 21:30	1.07	0.96	0.55	0.44	0.74	0.31	-0.01	0.27	0.29
6/21/2010 21:45	1.07	0.95	0.54	0.43	0.74	0.30	-0.03	0.26	0.28
6/21/2010 22:00	1.07	0.96	0.55	0.42	0.75	0.30	-0.03	0.26	0.28
6/21/2010 22:15	1.08	0.97	0.57	0.41	0.76	0.31	-0.02	0.27	0.29
6/21/2010 22:30	1.06	0.96	0.57	0.41	0.75	0.30	-0.02	0.27	0.29
6/21/2010 22:45	1.06	0.96	0.59	0.40	0.75	0.30	-0.01	0.28	0.31
6/21/2010 23:00	1.07	0.99	0.62	0.40	0.76	0.33	0.02	0.32	0.34
6/21/2010 23:15	1.05	0.98	0.64	0.41	0.76	0.33	0.03	0.34	0.36
6/21/2010 23:30	1.05	1.01	0.68	0.42	0.76	0.36	0.07	0.38	0.41
6/21/2010 23:45	1.04	1.02	0.72	0.44	0.75	0.39	0.12	0.43	0.45
6/22/2010 0:00	1.04	1.04	0.75	0.47	0.76	0.43	0.17	0.48	0.50
6/22/2010 0:15	1.05	1.08	0.81	0.51	0.77	0.48	0.23	0.55	0.57
6/22/2010 0:30	1.05	1.10	0.86	0.55	0.78	0.53	0.29	0.61	0.63
6/22/2010 0:45	1.05	1.13	0.91	0.59	0.78	0.57	0.36	0.68	0.70
6/22/2010 1:00	1.06	1.16	0.96	0.63	0.78	0.63	0.43	0.75	0.77
6/22/2010 1:15	1.06	1.19	1.01	0.68	0.79	0.68	0.50	0.82	0.84
6/22/2010 1:30	1.07	1.23	1.07	0.73	0.79	0.74	0.57	0.90	0.91
6/22/2010 1:45	1.08	1.26	1.11	0.77	0.80	0.79	0.64	0.96	0.98
6/22/2010 2:00	1.09	1.29	1.16	0.82	0.80	0.85	0.71	1.03	1.05
6/22/2010 2:15	1.10	1.33	1.20	0.86	0.81	0.90	0.78	1.10	1.11
6/22/2010 2:30	1.10	1.35	1.23	0.89	0.80	0.94	0.83	1.15	1.16
6/22/2010 2:45	1.11	1.37	1.28	0.93	0.81	0.99	0.89	1.22	1.23
6/22/2010 3:00	1.13	1.40	1.32	0.97	0.81	1.04	0.96	1.28	1.29
6/22/2010 3:15	1.14	1.43	1.36	1.02	0.81	1.09	1.02	1.34	1.35

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/22/2010 3:30	1.15	1.45	1.38	1.05	0.82	1.13	1.07	1.39	1.39
6/22/2010 3:45	1.19	1.50	1.43	1.10	0.84	1.19	1.13	1.45	1.46
6/22/2010 4:00	1.20	1.51	1.45	1.13	0.84	1.23	1.18	1.49	1.49
6/22/2010 4:15	1.22	1.53	1.47	1.16	0.85	1.26	1.21	1.53	1.53
6/22/2010 4:30	1.24	1.55	1.48	1.19	0.86	1.30	1.25	1.56	1.56
6/22/2010 4:45	1.24	1.55	1.50	1.20	0.85	1.31	1.27	1.58	1.58
6/22/2010 5:00	1.26	1.57	1.50	1.23	0.87	1.34	1.30	1.60	1.60
6/22/2010 5:15	1.28	1.57	1.48	1.24	0.86	1.34	1.30	1.60	1.60
6/22/2010 5:30	1.30	1.58	1.47	1.25	0.87	1.35	1.30	1.60	1.60
6/22/2010 5:45	1.30	1.56	1.44	1.25	0.86	1.34	1.28	1.57	1.56
6/22/2010 6:00	1.31	1.57	1.44	1.25	0.87	1.34	1.27	1.56	1.57
6/22/2010 6:15	1.32	1.56	1.42	1.25	0.87	1.32	1.25	1.54	1.54
6/22/2010 6:30	1.33	1.56	1.41	1.25	0.88	1.32	1.24	1.52	1.53
6/22/2010 6:45	1.34	1.55	1.37	1.24	0.88	1.29	1.20	1.48	1.49
6/22/2010 7:00	1.35	1.53	1.35	1.23	0.89	1.27	1.17	1.45	1.46
6/22/2010 7:15	1.35	1.51	1.31	1.21	0.88	1.23	1.12	1.40	1.40
6/22/2010 7:30	1.36	1.49	1.29	1.19	0.88	1.21	1.09	1.37	1.37
6/22/2010 7:45	1.36	1.48	1.26	1.17	0.88	1.18	1.05	1.33	1.33
6/22/2010 8:00	1.36	1.46	1.23	1.14	0.88	1.15	1.01	1.28	1.29
6/22/2010 8:15	1.36	1.44	1.20	1.12	0.88	1.11	0.96	1.23	1.24
6/22/2010 8:30	1.36	1.42	1.17	1.09	0.87	1.08	0.92	1.19	1.20
6/22/2010 8:45	1.36	1.40	1.13	1.07	0.87	1.04	0.87	1.14	1.15
6/22/2010 9:00	1.35	1.38	1.10	1.04	0.87	1.00	0.82	1.09	1.10
6/22/2010 9:15	1.34	1.36	1.06	1.01	0.85	0.96	0.77	1.04	1.05
6/22/2010 9:30	1.33	1.35	1.03	0.98	0.85	0.93	0.73	1.00	1.01
6/22/2010 9:45	1.33	1.33	1.01	0.96	0.86	0.90	0.69	0.96	0.97
6/22/2010 10:00	1.33	1.30	0.98	0.92	0.85	0.86	0.64	0.91	0.93
6/22/2010 10:15	1.31	1.28	0.94	0.89	0.84	0.82	0.59	0.85	0.87
6/22/2010 10:30	1.30	1.26	0.91	0.86	0.84	0.78	0.54	0.81	0.83
6/22/2010 10:45	1.29	1.24	0.89	0.83	0.83	0.75	0.50	0.77	0.79
6/22/2010 11:00	1.28	1.23	0.86	0.81	0.83	0.72	0.47	0.74	0.76
6/22/2010 11:15	1.27	1.21	0.85	0.78	0.83	0.69	0.43	0.70	0.72
6/22/2010 11:30	1.26	1.20	0.83	0.75	0.82	0.66	0.40	0.68	0.70
6/22/2010 11:45	1.25	1.19	0.82	0.73	0.82	0.65	0.38	0.66	0.68

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/22/2010 12:00	1.24	1.19	0.83	0.71	0.82	0.63	0.36	0.65	0.67
6/22/2010 12:15	1.22	1.18	0.83	0.68	0.81	0.62	0.35	0.64	0.67
6/22/2010 12:30	1.21	1.18	0.84	0.67	0.81	0.62	0.36	0.65	0.68
6/22/2010 12:45	1.20	1.17	0.85	0.66	0.80	0.61	0.36	0.65	0.67
6/22/2010 13:00	1.19	1.17	0.87	0.65	0.79	0.62	0.37	0.67	0.69
6/22/2010 13:15	1.17	1.18	0.89	0.66	0.78	0.63	0.39	0.69	0.71
6/22/2010 13:30	1.16	1.18	0.90	0.66	0.77	0.64	0.40	0.71	0.72
6/22/2010 13:45	1.14	1.20	0.92	0.67	0.76	0.65	0.43	0.73	0.75
6/22/2010 14:00	1.13	1.21	0.96	0.68	0.75	0.67	0.46	0.76	0.78
6/22/2010 14:15	1.13	1.22	0.98	0.70	0.75	0.69	0.49	0.80	0.81
6/22/2010 14:30	1.12	1.24	1.02	0.73	0.75	0.73	0.53	0.84	0.86
6/22/2010 14:45	1.13	1.26	1.06	0.76	0.76	0.76	0.58	0.90	0.92
6/22/2010 15:00	1.12	1.27	1.08	0.79	0.75	0.79	0.62	0.93	0.95
6/22/2010 15:15	1.13	1.28	1.10	0.81	0.75	0.82	0.66	0.97	0.98
6/22/2010 15:30	1.12	1.29	1.12	0.83	0.74	0.84	0.69	0.99	1.01
6/22/2010 15:45	1.13	1.31	1.14	0.85	0.74	0.87	0.73	1.02	1.04
6/22/2010 16:00	1.14	1.32	1.16	0.87	0.74	0.90	0.76	1.06	1.08
6/22/2010 16:15	1.14	1.34	1.17	0.90	0.74	0.91	0.77	1.08	1.10
6/22/2010 16:30	1.13	1.34	1.18	0.91	0.72	0.92	0.79	1.09	1.11
6/22/2010 16:45	1.13	1.35	1.19	0.93	0.72	0.94	0.81	1.11	1.13
6/22/2010 17:00	1.13	1.34	1.17	0.93	0.71	0.94	0.81	1.11	1.12
6/22/2010 17:15	1.14	1.34	1.17	0.95	0.71	0.95	0.82	1.11	1.13
6/22/2010 17:30	1.13	1.33	1.15	0.95	0.70	0.94	0.80	1.10	1.11
6/22/2010 17:45	1.14	1.33	1.14	0.95	0.70	0.94	0.80	1.09	1.10
6/22/2010 18:00	1.14	1.33	1.13	0.95	0.70	0.93	0.79	1.08	1.09
6/22/2010 18:15	1.14	1.32	1.11	0.95	0.70	0.92	0.77	1.06	1.07
6/22/2010 18:30	1.14	1.31	1.10	0.95	0.70	0.91	0.75	1.04	1.05
6/22/2010 18:45	1.14	1.29	1.08	0.93	0.68	0.89	0.72	1.01	1.02
6/22/2010 19:00	1.14	1.28	1.07	0.92	0.68	0.87	0.70	0.99	1.00
6/22/2010 19:15	1.15	1.31	1.07	0.93	0.73	0.89	0.72	1.00	1.02
6/22/2010 19:30	1.15	1.27	1.01	0.91	0.69	0.84	0.66	0.94	0.95
6/22/2010 19:45	1.13	1.25	1.00	0.88	0.68	0.81	0.62	0.91	0.92
6/22/2010 20:00	1.15	1.26	1.02	0.88	0.70	0.82	0.63	0.92	0.94
6/22/2010 20:15	1.14	1.24	1.00	0.86	0.68	0.80	0.60	0.89	0.90

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/22/2010 20:30	1.14	1.21	0.93	0.85	0.69	0.76	0.56	0.83	0.85
6/22/2010 20:45	1.13	1.22	0.97	0.84	0.69	0.76	0.55	0.85	0.87
6/22/2010 21:00	1.13	1.21	0.94	0.83	0.69	0.75	0.54	0.82	0.84
6/22/2010 21:15	1.13	1.20	0.91	0.81	0.70	0.72	0.51	0.79	0.81
6/22/2010 21:30	1.14	1.21	0.93	0.81	0.72	0.73	0.51	0.80	0.82
6/22/2010 21:45	1.14	1.19	0.90	0.79	0.71	0.71	0.48	0.76	0.78
6/22/2010 22:00	1.15	1.20	0.91	0.79	0.73	0.71	0.48	0.76	0.79
6/22/2010 22:15	1.15	1.20	0.90	0.77	0.74	0.71	0.49	0.76	0.78
6/22/2010 22:30	1.14	1.17	0.86	0.76	0.73	0.68	0.45	0.72	0.74
6/22/2010 22:45	1.13	1.17	0.88	0.75	0.73	0.67	0.44	0.72	0.74
6/22/2010 23:00	1.14	1.17	0.86	0.74	0.74	0.67	0.44	0.72	0.73
6/22/2010 23:15	1.12	1.16	0.87	0.72	0.73	0.65	0.42	0.70	0.73
6/22/2010 23:30	1.13	1.19	0.93	0.73	0.75	0.68	0.46	0.76	0.78
6/22/2010 23:45	1.13	1.17	0.86	0.72	0.75	0.67	0.45	0.73	0.73
6/23/2010 0:00	1.12	1.13	0.79	0.71	0.74	0.61	0.38	0.65	0.66
6/23/2010 0:15	1.11	1.15	0.86	0.70	0.74	0.63	0.38	0.68	0.70
6/23/2010 0:30	1.10	1.16	0.89	0.69	0.73	0.64	0.41	0.70	0.73
6/23/2010 0:45	1.09	1.22	1.02	0.70	0.73	0.69	0.47	0.81	0.85
6/23/2010 1:00	1.11	1.28	1.13	0.76	0.75	0.79	0.62	0.95	0.98
6/23/2010 1:15	1.11	1.29	1.11	0.81	0.74	0.82	0.67	0.98	1.00
6/23/2010 1:30	1.12	1.30	1.13	0.84	0.74	0.86	0.71	1.01	1.03
6/23/2010 1:45	1.12	1.30	1.10	0.87	0.74	0.87	0.72	1.02	1.03
6/23/2010 2:00	1.12	1.30	1.12	0.86	0.73	0.87	0.72	1.02	1.04
6/23/2010 2:15	1.13	1.35	1.23	0.90	0.74	0.93	0.79	1.12	1.15
6/23/2010 2:30	1.14	1.39	1.29	0.95	0.74	0.99	0.87	1.20	1.22
6/23/2010 2:45	1.15	1.43	1.37	1.00	0.75	1.06	0.96	1.29	1.32
6/23/2010 3:00	1.15	1.45	1.39	1.04	0.73	1.10	1.02	1.35	1.37
6/23/2010 3:15	1.17	1.48	1.41	1.10	0.75	1.15	1.09	1.40	1.41
6/23/2010 3:30	1.19	1.50	1.44	1.13	0.75	1.19	1.13	1.45	1.46
6/23/2010 3:45	1.20	1.53	1.47	1.16	0.75	1.23	1.18	1.50	1.51
6/23/2010 4:00	1.22	1.56	1.52	1.20	0.76	1.28	1.23	1.55	1.57
6/23/2010 4:15	1.23	1.58	1.56	1.23	0.76	1.32	1.29	1.61	1.63
6/23/2010 4:30	1.25	1.61	1.60	1.27	0.77	1.37	1.35	1.67	1.68
6/23/2010 4:45	1.26	1.64	1.63	1.31	0.77	1.41	1.40	1.72	1.73

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/23/2010 5:00	1.28	1.66	1.65	1.34	0.78	1.45	1.44	1.76	1.76
6/23/2010 5:15	1.30	1.68	1.65	1.37	0.79	1.48	1.48	1.79	1.80
6/23/2010 5:30	1.32	1.69	1.65	1.39	0.80	1.50	1.49	1.80	1.80
6/23/2010 5:45	1.33	1.68	1.64	1.39	0.78	1.49	1.49	1.79	1.79
6/23/2010 6:00	1.34	1.68	1.64	1.39	0.78	1.49	1.48	1.79	1.79
6/23/2010 6:15	1.35	1.69	1.64	1.40	0.78	1.50	1.49	1.79	1.79
6/23/2010 6:30	1.37	1.70	1.64	1.41	0.79	1.51	1.50	1.80	1.80
6/23/2010 6:45	1.39	1.70	1.62	1.42	0.80	1.52	1.50	1.79	1.79
6/23/2010 7:00	1.40	1.69	1.60	1.42	0.81	1.51	1.49	1.76	1.76
6/23/2010 7:15	1.41	1.67	1.55	1.41	0.80	1.48	1.45	1.72	1.71
6/23/2010 7:30	1.43	1.65	1.52	1.41	0.81	1.45	1.41	1.68	1.67
6/23/2010 7:45	1.44	1.65	1.50	1.39	0.82	1.43	1.37	1.65	1.64
6/23/2010 8:00	1.44	1.63	1.47	1.37	0.82	1.40	1.33	1.61	1.59
6/23/2010 8:15	1.46	1.63	1.46	1.35	0.82	1.38	1.30	1.58	1.57
6/23/2010 8:30	1.47	1.61	1.42	1.33	0.81	1.34	1.26	1.53	1.53
6/23/2010 8:45	1.47	1.59	1.39	1.31	0.81	1.30	1.21	1.48	1.47
6/23/2010 9:00	1.48	1.57	1.34	1.28	0.81	1.26	1.16	1.42	1.42
6/23/2010 9:15	1.48	1.55	1.30	1.25	0.80	1.22	1.10	1.37	1.36
6/23/2010 9:30	1.47	1.52	1.26	1.21	0.80	1.17	1.04	1.31	1.30
6/23/2010 9:45	1.47	1.50	1.23	1.18	0.79	1.13	0.99	1.25	1.25
6/23/2010 10:00	1.46	1.46	1.19	1.15	0.78	1.08	0.93	1.19	1.19
6/23/2010 10:15	1.45	1.44	1.15	1.11	0.78	1.04	0.88	1.14	1.14
6/23/2010 10:30	1.44	1.42	1.10	1.08	0.77	0.99	0.82	1.07	1.07
6/23/2010 10:45	1.43	1.39	1.07	1.04	0.77	0.95	0.76	1.02	1.02
6/23/2010 11:00	1.42	1.36	1.02	0.99	0.75	0.89	0.70	0.94	0.96
6/23/2010 11:15	1.41	1.35	1.00	0.97	0.76	0.86	0.65	0.91	0.92
6/23/2010 11:30	1.40	1.31	0.96	0.92	0.74	0.81	0.60	0.85	0.86
6/23/2010 11:45	1.39	1.29	0.93	0.88	0.74	0.77	0.55	0.79	0.81
6/23/2010 12:00	1.37	1.27	0.90	0.85	0.73	0.73	0.48	0.75	0.76
6/23/2010 12:15	1.36	1.26	0.88	0.82	0.72	0.69	0.44	0.71	0.73
6/23/2010 12:30	1.33	1.23	0.86	0.78	0.71	0.65	0.40	0.67	0.69
6/23/2010 12:45	1.32	1.22	0.86	0.75	0.71	0.63	0.37	0.65	0.67
6/23/2010 13:00	1.31	1.22	0.87	0.73	0.71	0.63	0.36	0.65	0.67
6/23/2010 13:15	1.30	1.22	0.89	0.72	0.71	0.63	0.36	0.65	0.68

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/23/2010 13:30	1.28	1.21	0.87	0.71	0.70	0.61	0.35	0.64	0.67
6/23/2010 13:45	1.27	1.21	0.88	0.70	0.69	0.61	0.35	0.65	0.67
6/23/2010 14:00	1.26	1.20	0.88	0.69	0.69	0.61	0.36	0.65	0.67
6/23/2010 14:15	1.26	1.21	0.89	0.69	0.69	0.61	0.36	0.66	0.69
6/23/2010 14:30	1.24	1.21	0.89	0.68	0.69	0.61	0.36	0.66	0.69
6/23/2010 14:45	1.22	1.21	0.91	0.68	0.67	0.61	0.37	0.67	0.70
6/23/2010 15:00	1.22	1.23	0.95	0.69	0.69	0.65	0.41	0.72	0.75
6/23/2010 15:15	1.21	1.23	0.95	0.70	0.68	0.65	0.43	0.73	0.76
6/23/2010 15:30	1.20	1.24	0.98	0.71	0.68	0.67	0.46	0.77	0.79
6/23/2010 15:45	1.20	1.25	1.02	0.73	0.67	0.69	0.49	0.80	0.83
6/23/2010 16:00	1.20	1.26	1.03	0.75	0.67	0.72	0.52	0.83	0.86
6/23/2010 16:15	1.19	1.27	1.04	0.77	0.66	0.73	0.55	0.85	0.87
6/23/2010 16:30	1.18	1.28	1.05	0.78	0.66	0.75	0.57	0.87	0.89
6/23/2010 16:45	1.17	1.28	1.05	0.79	0.65	0.76	0.58	0.88	0.90
6/23/2010 17:00	1.16	1.27	1.04	0.79	0.64	0.75	0.58	0.88	0.90
6/23/2010 17:15	1.16	1.26	1.03	0.79	0.64	0.76	0.59	0.88	0.90
6/23/2010 17:30	1.15	1.25	1.04	0.80	0.63	0.76	0.58	0.88	0.90
6/23/2010 17:45	1.14	1.25	1.03	0.81	0.63	0.76	0.59	0.88	0.90
6/23/2010 18:00	1.15	1.25	1.03	0.81	0.63	0.76	0.58	0.87	0.89
6/23/2010 18:15	1.16	1.26	1.02	0.81	0.64	0.77	0.59	0.88	0.90
6/23/2010 18:30	1.15	1.25	1.00	0.81	0.64	0.76	0.58	0.87	0.88
6/23/2010 18:45	1.15	1.24	0.98	0.81	0.64	0.74	0.56	0.84	0.86
6/23/2010 19:00	1.14	1.23	0.96	0.80	0.64	0.73	0.54	0.82	0.84
6/23/2010 19:15	1.15	1.22	0.95	0.80	0.65	0.72	0.52	0.81	0.82
6/23/2010 19:30	1.15	1.21	0.93	0.79	0.65	0.70	0.50	0.78	0.80
6/23/2010 19:45	1.14	1.20	0.91	0.78	0.65	0.68	0.47	0.75	0.77
6/23/2010 20:00	1.14	1.19	0.89	0.76	0.65	0.66	0.45	0.73	0.74
6/23/2010 20:15	1.12	1.16	0.85	0.74	0.64	0.63	0.41	0.69	0.70
6/23/2010 20:30	1.12	1.14	0.82	0.72	0.64	0.60	0.37	0.65	0.66
6/23/2010 20:45	1.11	1.12	0.79	0.70	0.63	0.57	0.33	0.61	0.63
6/23/2010 21:00	1.10	1.10	0.77	0.68	0.63	0.54	0.30	0.57	0.59
6/23/2010 21:15	1.09	1.09	0.74	0.66	0.63	0.51	0.26	0.54	0.56
6/23/2010 21:30	1.10	1.09	0.73	0.65	0.64	0.50	0.24	0.52	0.54
6/23/2010 21:45	1.07	1.05	0.70	0.62	0.62	0.46	0.20	0.47	0.49

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/23/2010 22:00	1.07	1.04	0.68	0.60	0.61	0.43	0.16	0.44	0.46
6/23/2010 22:15	1.05	1.01	0.65	0.57	0.60	0.40	0.12	0.40	0.42
6/23/2010 22:30	1.04	0.99	0.63	0.54	0.60	0.37	0.09	0.37	0.39
6/23/2010 22:45	1.03	0.97	0.59	0.52	0.59	0.35	0.05	0.32	0.35
6/23/2010 23:00	1.01	0.95	0.56	0.49	0.58	0.31	0.01	0.28	0.31
6/23/2010 23:15	0.99	0.93	0.54	0.47	0.56	0.28	-0.03	0.25	0.28
6/23/2010 23:30	0.98	0.93	0.53	0.45	0.56	0.26	-0.05	0.23	0.26
6/23/2010 23:45	0.97	0.92	0.53	0.43	0.56	0.25	-0.06	0.22	0.25
6/24/2010 0:00	0.97	0.93	0.55	0.42	0.57	0.26	-0.06	0.23	0.26
6/24/2010 0:15	0.97	0.93	0.56	0.42	0.58	0.26	-0.05	0.25	0.28
6/24/2010 0:30	0.97	0.93	0.58	0.41	0.58	0.27	-0.04	0.26	0.29
6/24/2010 0:45	0.96	0.94	0.60	0.41	0.59	0.28	-0.02	0.28	0.31
6/24/2010 1:00	0.97	0.96	0.63	0.42	0.60	0.30	0.01	0.31	0.34
6/24/2010 1:15	0.96	0.97	0.65	0.43	0.60	0.31	0.04	0.34	0.37
6/24/2010 1:30	0.95	0.97	0.68	0.44	0.59	0.34	0.06	0.37	0.40
6/24/2010 1:45	0.95	1.00	0.72	0.46	0.60	0.37	0.11	0.42	0.45
6/24/2010 2:00	0.95	1.02	0.77	0.49	0.60	0.41	0.16	0.48	0.51
6/24/2010 2:15	0.96	1.05	0.83	0.52	0.61	0.46	0.23	0.55	0.58
6/24/2010 2:30	0.95	1.07	0.87	0.56	0.61	0.50	0.28	0.61	0.64
6/24/2010 2:45	0.96	1.10	0.92	0.61	0.61	0.56	0.35	0.68	0.71
6/24/2010 3:00	0.95	1.13	0.96	0.64	0.60	0.60	0.41	0.74	0.76
6/24/2010 3:15	0.96	1.17	1.01	0.68	0.61	0.65	0.48	0.81	0.83
6/24/2010 3:30	0.96	1.20	1.06	0.73	0.60	0.70	0.54	0.88	0.90
6/24/2010 3:45	0.97	1.23	1.11	0.78	0.60	0.76	0.62	0.95	0.98
6/24/2010 4:00	0.99	1.27	1.17	0.83	0.61	0.82	0.70	1.03	1.06
6/24/2010 4:15	1.00	1.30	1.22	0.88	0.62	0.88	0.77	1.10	1.12
6/24/2010 4:30	1.01	1.33	1.25	0.92	0.62	0.93	0.83	1.16	1.18
6/24/2010 4:45	1.03	1.36	1.29	0.96	0.62	0.98	0.90	1.23	1.24
6/24/2010 5:00	1.04	1.37	1.32	1.00	0.62	1.02	0.94	1.27	1.29
6/24/2010 5:15	1.06	1.40	1.36	1.03	0.62	1.06	1.00	1.32	1.34
6/24/2010 5:30	1.06	1.42	1.39	1.07	0.61	1.10	1.04	1.37	1.38
6/24/2010 5:45	1.08	1.45	1.43	1.11	0.63	1.15	1.10	1.43	1.44
6/24/2010 6:00	1.10	1.47	1.44	1.14	0.63	1.19	1.15	1.47	1.48
6/24/2010 6:15	1.10	1.48	1.45	1.17	0.62	1.21	1.17	1.49	1.50

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/24/2010 6:30	1.13	1.50	1.46	1.19	0.64	1.24	1.21	1.52	1.53
6/24/2010 6:45	1.14	1.50	1.46	1.20	0.64	1.25	1.22	1.53	1.53
6/24/2010 7:00	1.14	1.50	1.44	1.21	0.63	1.25	1.22	1.52	1.52
6/24/2010 7:15	1.15	1.49	1.42	1.21	0.62	1.24	1.19	1.50	1.49
6/24/2010 7:30	1.15	1.48	1.39	1.22	0.61	1.23	1.18	1.48	1.47
6/24/2010 7:45	1.16	1.48	1.38	1.22	0.61	1.22	1.16	1.46	1.45
6/24/2010 8:00	1.17	1.47	1.36	1.21	0.61	1.21	1.14	1.44	1.43
6/24/2010 8:15	1.17	1.46	1.34	1.21	0.61	1.19	1.12	1.41	1.40
6/24/2010 8:30	1.18	1.45	1.31	1.20	0.61	1.17	1.09	1.38	1.37
6/24/2010 8:45	1.17	1.42	1.27	1.18	0.59	1.12	1.04	1.31	1.31
6/24/2010 9:00	1.17	1.40	1.23	1.16	0.58	1.09	0.99	1.26	1.27
6/24/2010 9:15	1.18	1.39	1.21	1.14	0.59	1.07	0.96	1.24	1.23
6/24/2010 9:30	1.17	1.37	1.17	1.12	0.58	1.03	0.91	1.18	1.18
6/24/2010 9:45	1.17	1.35	1.15	1.10	0.57	1.00	0.87	1.14	1.14
6/24/2010 10:00	1.16	1.32	1.10	1.06	0.56	0.95	0.81	1.07	1.08
6/24/2010 10:15	1.16	1.30	1.06	1.05	0.57	0.92	0.77	1.03	1.03
6/24/2010 10:30	1.16	1.28	1.02	1.02	0.56	0.88	0.71	0.97	0.98
6/24/2010 10:45	1.14	1.24	0.96	0.97	0.55	0.82	0.64	0.90	0.91
6/24/2010 11:00	1.14	1.21	0.93	0.94	0.54	0.78	0.59	0.84	0.85
6/24/2010 11:15	1.13	1.19	0.89	0.90	0.54	0.73	0.53	0.78	0.79
6/24/2010 11:30	1.12	1.17	0.86	0.86	0.54	0.69	0.47	0.73	0.74
6/24/2010 11:45	1.11	1.15	0.84	0.83	0.53	0.65	0.43	0.69	0.71
6/24/2010 12:00	1.11	1.14	0.82	0.81	0.54	0.63	0.40	0.66	0.68
6/24/2010 12:15	1.09	1.11	0.79	0.77	0.53	0.58	0.34	0.61	0.63
6/24/2010 12:30	1.08	1.08	0.74	0.74	0.52	0.54	0.30	0.56	0.57
6/24/2010 12:45	1.07	1.05	0.70	0.70	0.52	0.50	0.24	0.50	0.51
6/24/2010 13:00	1.05	1.03	0.68	0.66	0.50	0.45	0.18	0.45	0.47
6/24/2010 13:15	1.03	1.01	0.67	0.63	0.49	0.42	0.14	0.41	0.44
6/24/2010 13:30	1.01	1.00	0.66	0.60	0.48	0.39	0.11	0.39	0.41
6/24/2010 13:45	0.99	1.00	0.66	0.57	0.47	0.38	0.10	0.38	0.41
6/24/2010 14:00	0.98	0.99	0.65	0.55	0.46	0.36	0.08	0.36	0.39
6/24/2010 14:15	0.96	0.97	0.64	0.54	0.44	0.34	0.06	0.35	0.37
6/24/2010 14:30	0.94	0.97	0.66	0.53	0.44	0.34	0.06	0.36	0.38
6/24/2010 14:45	0.94	0.98	0.67	0.52	0.45	0.35	0.08	0.37	0.40

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/24/2010 15:00	0.93	0.97	0.67	0.52	0.44	0.34	0.08	0.37	0.40
6/24/2010 15:15	0.92	0.98	0.68	0.52	0.44	0.35	0.09	0.38	0.41
6/24/2010 15:30	0.92	0.99	0.71	0.52	0.46	0.37	0.11	0.41	0.44
6/24/2010 15:45	0.92	1.00	0.74	0.53	0.46	0.39	0.14	0.45	0.48
6/24/2010 16:00	0.91	1.01	0.76	0.54	0.45	0.40	0.17	0.47	0.50
6/24/2010 16:15	0.91	1.03	0.79	0.56	0.45	0.43	0.20	0.51	0.54
6/24/2010 16:30	0.90	1.05	0.83	0.58	0.46	0.47	0.25	0.56	0.59
6/24/2010 16:45	0.89	1.04	0.83	0.60	0.45	0.48	0.27	0.58	0.60
6/24/2010 17:00	0.90	1.04	0.83	0.61	0.45	0.49	0.29	0.59	0.61
6/24/2010 17:15	0.89	1.05	0.84	0.63	0.45	0.51	0.31	0.61	0.63
6/24/2010 17:30	0.90	1.07	0.85	0.64	0.47	0.54	0.34	0.64	0.66
6/24/2010 17:45	0.91	1.09	0.90	0.65	0.47	0.56	0.37	0.68	0.70
6/24/2010 18:00	0.91	1.12	0.94	0.68	0.48	0.60	0.41	0.73	0.75
6/24/2010 18:15	0.93	1.16	1.01	0.72	0.49	0.66	0.48	0.80	0.83
6/24/2010 18:30	0.94	1.18	1.03	0.76	0.49	0.70	0.54	0.86	0.87
6/24/2010 18:45	0.95	1.15	0.95	0.77	0.50	0.69	0.54	0.82	0.82
6/24/2010 19:00	0.95	1.12	0.89	0.77	0.50	0.65	0.49	0.76	0.76
6/24/2010 19:15	0.95	1.10	0.88	0.77	0.51	0.64	0.45	0.73	0.74
6/24/2010 19:30	0.95	1.10	0.89	0.76	0.51	0.63	0.43	0.72	0.74
6/24/2010 19:45	0.96	1.11	0.88	0.75	0.52	0.63	0.44	0.72	0.74
6/24/2010 20:00	0.97	1.12	0.90	0.75	0.53	0.64	0.44	0.74	0.76
6/24/2010 20:15	0.97	1.13	0.91	0.75	0.53	0.65	0.45	0.75	0.76
6/24/2010 20:30	0.97	1.11	0.86	0.74	0.53	0.62	0.43	0.71	0.72
6/24/2010 20:45	0.98	1.11	0.87	0.74	0.54	0.62	0.42	0.70	0.72
6/24/2010 21:00	0.98	1.10	0.84	0.73	0.55	0.62	0.41	0.70	0.70
6/24/2010 21:15	0.97	1.05	0.73	0.71	0.55	0.55	0.34	0.60	0.60
6/24/2010 21:30	0.97	1.02	0.68	0.70	0.55	0.51	0.27	0.53	0.53
6/24/2010 21:45	0.98	1.02	0.69	0.67	0.56	0.49	0.24	0.51	0.53
6/24/2010 22:00	0.98	1.02	0.71	0.64	0.57	0.48	0.22	0.51	0.53
6/24/2010 22:15	0.99	1.03	0.72	0.63	0.58	0.49	0.23	0.52	0.54
6/24/2010 22:30	0.99	1.03	0.72	0.62	0.59	0.48	0.23	0.51	0.54
6/24/2010 22:45	0.99	1.01	0.67	0.60	0.59	0.45	0.20	0.47	0.49
6/24/2010 23:00	0.98	0.98	0.61	0.58	0.59	0.41	0.15	0.41	0.42
6/24/2010 23:15	0.98	0.94	0.56	0.56	0.59	0.37	0.09	0.35	0.37

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/24/2010 23:30	0.97	0.92	0.54	0.53	0.59	0.33	0.04	0.30	0.32
6/24/2010 23:45	0.96	0.91	0.54	0.50	0.59	0.31	0.00	0.28	0.30
6/25/2010 0:00	0.96	0.91	0.54	0.47	0.60	0.29	-0.01	0.27	0.29
6/25/2010 0:15	0.96	0.90	0.53	0.45	0.60	0.27	-0.03	0.25	0.28
6/25/2010 0:30	0.95	0.90	0.53	0.43	0.60	0.25	-0.04	0.24	0.27
6/25/2010 0:45	0.94	0.89	0.51	0.41	0.60	0.24	-0.06	0.22	0.25
6/25/2010 1:00	0.93	0.87	0.48	0.40	0.60	0.22	-0.08	0.19	0.21
6/25/2010 1:15	0.93	0.87	0.49	0.39	0.60	0.22	-0.09	0.19	0.22
6/25/2010 1:30	0.93	0.88	0.52	0.38	0.61	0.22	-0.09	0.20	0.23
6/25/2010 1:45	0.92	0.87	0.51	0.36	0.60	0.21	-0.10	0.20	0.23
6/25/2010 2:00	0.91	0.88	0.55	0.36	0.60	0.22	-0.08	0.22	0.26
6/25/2010 2:15	0.92	0.91	0.60	0.37	0.61	0.26	-0.03	0.27	0.31
6/25/2010 2:30	0.90	0.90	0.59	0.38	0.60	0.26	-0.01	0.29	0.32
6/25/2010 2:45	0.91	0.93	0.62	0.40	0.61	0.29	0.02	0.32	0.35
6/25/2010 3:00	0.90	0.94	0.66	0.41	0.61	0.31	0.05	0.36	0.39
6/25/2010 3:15	0.90	0.96	0.70	0.44	0.62	0.35	0.10	0.42	0.45
6/25/2010 3:30	0.91	0.99	0.76	0.47	0.62	0.40	0.16	0.48	0.51
6/25/2010 3:45	0.91	1.03	0.81	0.51	0.64	0.45	0.23	0.56	0.58
6/25/2010 4:00	0.92	1.05	0.85	0.55	0.64	0.50	0.29	0.62	0.64
6/25/2010 4:15	0.92	1.08	0.89	0.59	0.65	0.55	0.35	0.68	0.71
6/25/2010 4:30	0.94	1.12	0.93	0.63	0.66	0.60	0.42	0.74	0.77
6/25/2010 4:45	0.95	1.15	0.98	0.68	0.67	0.65	0.48	0.81	0.83
6/25/2010 5:00	0.97	1.18	1.04	0.71	0.69	0.71	0.55	0.88	0.90
6/25/2010 5:15	0.99	1.21	1.08	0.76	0.70	0.77	0.62	0.95	0.98
6/25/2010 5:30	1.00	1.24	1.13	0.81	0.71	0.82	0.69	1.02	1.04
6/25/2010 5:45	1.02	1.28	1.17	0.85	0.72	0.88	0.76	1.08	1.10
6/25/2010 6:00	1.04	1.31	1.20	0.89	0.74	0.92	0.81	1.13	1.15
6/25/2010 6:15	1.07	1.34	1.24	0.92	0.75	0.97	0.87	1.19	1.21
6/25/2010 6:30	1.09	1.36	1.26	0.96	0.77	1.02	0.92	1.24	1.26
6/25/2010 6:45	1.11	1.38	1.29	0.99	0.78	1.05	0.98	1.28	1.29
6/25/2010 7:00	1.12	1.39	1.31	1.01	0.78	1.08	1.01	1.31	1.32
6/25/2010 7:15	1.15	1.41	1.31	1.04	0.79	1.11	1.04	1.35	1.34
6/25/2010 7:30	1.16	1.41	1.31	1.05	0.80	1.12	1.06	1.36	1.35
6/25/2010 7:45	1.17	1.41	1.30	1.06	0.81	1.13	1.06	1.35	1.35

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/25/2010 8:00	1.19	1.42	1.30	1.07	0.80	1.13	1.06	1.35	1.34
6/25/2010 8:15	1.21	1.42	1.27	1.08	0.81	1.13	1.06	1.34	1.33
6/25/2010 8:30	1.21	1.41	1.25	1.08	0.81	1.12	1.03	1.31	1.30
6/25/2010 8:45	1.22	1.40	1.21	1.07	0.81	1.09	1.00	1.27	1.26
6/25/2010 9:00	1.22	1.37	1.16	1.05	0.81	1.06	0.95	1.21	1.21
6/25/2010 9:15	1.23	1.36	1.13	1.03	0.80	1.02	0.90	1.16	1.16
6/25/2010 9:30	1.23	1.34	1.10	1.01	0.80	0.99	0.86	1.12	1.12
6/25/2010 9:45	1.23	1.32	1.07	0.99	0.80	0.96	0.81	1.08	1.08
6/25/2010 10:00	1.23	1.31	1.05	0.97	0.79	0.93	0.78	1.04	1.04
6/25/2010 10:15	1.21	1.28	1.02	0.94	0.78	0.89	0.73	0.99	0.99
6/25/2010 10:30	1.21	1.26	0.98	0.91	0.78	0.86	0.68	0.94	0.94
6/25/2010 10:45	1.20	1.23	0.94	0.88	0.77	0.82	0.63	0.88	0.89
6/25/2010 11:00	1.19	1.20	0.89	0.85	0.77	0.77	0.57	0.83	0.83
6/25/2010 11:15	1.19	1.18	0.86	0.82	0.76	0.73	0.51	0.77	0.78
6/25/2010 11:30	1.18	1.16	0.83	0.79	0.76	0.69	0.46	0.72	0.72
6/25/2010 11:45	1.16	1.13	0.79	0.75	0.76	0.65	0.41	0.67	0.68
6/25/2010 12:00	1.15	1.11	0.76	0.71	0.75	0.60	0.36	0.62	0.63
6/25/2010 12:15	1.15	1.09	0.73	0.68	0.75	0.57	0.32	0.58	0.59
6/25/2010 12:30	1.13	1.06	0.68	0.64	0.74	0.53	0.26	0.52	0.53
6/25/2010 12:45	1.11	1.04	0.65	0.61	0.74	0.48	0.21	0.46	0.47
6/25/2010 13:00	1.10	1.01	0.61	0.57	0.74	0.44	0.15	0.41	0.42
6/25/2010 13:15	1.08	0.98	0.57	0.54	0.72	0.39	0.09	0.35	0.37
6/25/2010 13:30	1.05	0.94	0.52	0.49	0.71	0.35	0.03	0.28	0.30
6/25/2010 13:45	1.04	0.92	0.49	0.46	0.70	0.31	-0.03	0.24	0.27
6/25/2010 14:00	1.02	0.90	0.47	0.43	0.69	0.27	-0.08	0.19	0.22
6/25/2010 14:15	0.99	0.88	0.45	0.39	0.68	0.23	-0.12	0.15	0.19
6/25/2010 14:30	0.99	0.88	0.45	0.38	0.69	0.22	-0.13	0.15	0.18
6/25/2010 14:45	0.98	0.88	0.45	0.35	0.68	0.21	-0.14	0.14	0.17
6/25/2010 15:00	0.98	0.88	0.46	0.34	0.68	0.20	-0.15	0.14	0.17
6/25/2010 15:15	0.95	0.86	0.46	0.32	0.66	0.18	-0.17	0.12	0.16
6/25/2010 15:30	0.96	0.87	0.48	0.31	0.67	0.19	-0.15	0.14	0.17
6/25/2010 15:45	0.95	0.87	0.49	0.30	0.67	0.19	-0.14	0.15	0.18
6/25/2010 16:00	0.92	0.86	0.49	0.29	0.65	0.18	-0.15	0.15	0.18
6/25/2010 16:15	0.93	0.88	0.52	0.30	0.67	0.20	-0.12	0.18	0.22

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/25/2010 16:30	0.93	0.90	0.55	0.32	0.67	0.22	-0.09	0.21	0.25
6/25/2010 16:45	0.92	0.90	0.57	0.32	0.66	0.24	-0.06	0.24	0.28
6/25/2010 17:00	0.91	0.92	0.61	0.34	0.66	0.27	-0.02	0.28	0.32
6/25/2010 17:15	0.92	0.94	0.64	0.37	0.67	0.30	0.02	0.33	0.36
6/25/2010 17:30	0.91	0.95	0.66	0.38	0.66	0.32	0.05	0.36	0.39
6/25/2010 17:45	0.90	0.95	0.68	0.40	0.65	0.34	0.08	0.39	0.42
6/25/2010 18:00	0.91	0.97	0.69	0.43	0.66	0.37	0.12	0.42	0.45
6/25/2010 18:15	0.89	0.97	0.72	0.44	0.65	0.39	0.14	0.45	0.48
6/25/2010 18:30	0.89	0.99	0.74	0.47	0.65	0.41	0.18	0.48	0.51
6/25/2010 18:45	0.89	1.00	0.76	0.49	0.66	0.44	0.21	0.51	0.54
6/25/2010 19:00	0.89	1.01	0.78	0.51	0.66	0.46	0.24	0.54	0.57
6/25/2010 19:15	0.90	1.03	0.79	0.53	0.67	0.49	0.27	0.58	0.60
6/25/2010 19:30	0.90	1.03	0.79	0.55	0.67	0.51	0.29	0.59	0.62
6/25/2010 19:45	0.92	1.04	0.80	0.56	0.68	0.53	0.32	0.61	0.63
6/25/2010 20:00	0.92	1.04	0.80	0.57	0.68	0.53	0.32	0.62	0.64
6/25/2010 20:15	0.92	1.04	0.79	0.58	0.69	0.53	0.32	0.61	0.63
6/25/2010 20:30	0.92	1.04	0.78	0.58	0.69	0.53	0.32	0.61	0.63
6/25/2010 20:45	0.93	1.04	0.78	0.59	0.70	0.54	0.32	0.61	0.63
6/25/2010 21:00	0.93	1.03	0.75	0.59	0.70	0.53	0.30	0.59	0.61
6/25/2010 21:15	0.94	1.03	0.75	0.58	0.71	0.52	0.29	0.58	0.60
6/25/2010 21:30	0.93	1.02	0.73	0.58	0.71	0.51	0.28	0.56	0.58
6/25/2010 21:45	0.93	1.01	0.71	0.57	0.70	0.49	0.25	0.53	0.56
6/25/2010 22:00	0.93	1.00	0.69	0.56	0.70	0.48	0.23	0.51	0.53
6/25/2010 22:15	0.92	0.99	0.67	0.54	0.71	0.46	0.21	0.48	0.50
6/25/2010 22:30	0.92	0.97	0.65	0.53	0.70	0.44	0.18	0.46	0.48
6/25/2010 22:45	0.92	0.96	0.63	0.52	0.70	0.42	0.15	0.43	0.45
6/25/2010 23:00	0.91	0.94	0.60	0.50	0.70	0.39	0.12	0.39	0.41
6/25/2010 23:15	0.90	0.92	0.56	0.48	0.69	0.35	0.07	0.35	0.37
6/25/2010 23:30	0.90	0.90	0.54	0.46	0.69	0.33	0.04	0.31	0.34
6/25/2010 23:45	0.90	0.89	0.52	0.44	0.70	0.31	0.02	0.29	0.31
6/26/2010 0:00	0.89	0.87	0.50	0.42	0.68	0.28	-0.03	0.25	0.28
6/26/2010 0:15	0.88	0.87	0.50	0.40	0.68	0.26	-0.05	0.23	0.26
6/26/2010 0:30	0.88	0.86	0.49	0.38	0.68	0.25	-0.06	0.22	0.25
6/26/2010 0:45	0.87	0.85	0.48	0.36	0.67	0.23	-0.08	0.20	0.23

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/26/2010 1:00	0.86	0.84	0.47	0.34	0.67	0.22	-0.09	0.19	0.22
6/26/2010 1:15	0.86	0.84	0.47	0.33	0.67	0.21	-0.10	0.18	0.21
6/26/2010 1:30	0.86	0.84	0.47	0.33	0.67	0.20	-0.11	0.17	0.21
6/26/2010 1:45	0.84	0.83	0.47	0.32	0.66	0.19	-0.12	0.17	0.20
6/26/2010 2:00	0.84	0.83	0.48	0.32	0.66	0.20	-0.11	0.18	0.21
6/26/2010 2:15	0.84	0.84	0.51	0.31	0.66	0.21	-0.10	0.21	0.24
6/26/2010 2:30	0.83	0.85	0.54	0.32	0.65	0.22	-0.08	0.23	0.26
6/26/2010 2:45	0.83	0.88	0.59	0.34	0.67	0.26	-0.02	0.29	0.32
6/26/2010 3:00	0.83	0.89	0.63	0.35	0.66	0.29	0.02	0.33	0.37
6/26/2010 3:15	0.83	0.91	0.66	0.38	0.66	0.33	0.07	0.38	0.42
6/26/2010 3:30	0.83	0.94	0.70	0.41	0.67	0.36	0.12	0.43	0.46
6/26/2010 3:45	0.83	0.96	0.74	0.45	0.67	0.40	0.17	0.48	0.52
6/26/2010 4:00	0.83	0.98	0.77	0.48	0.66	0.43	0.21	0.53	0.56
6/26/2010 4:15	0.83	1.01	0.82	0.52	0.67	0.48	0.27	0.59	0.62
6/26/2010 4:30	0.84	1.04	0.87	0.55	0.67	0.53	0.34	0.66	0.69
6/26/2010 4:45	0.85	1.07	0.94	0.60	0.69	0.59	0.42	0.75	0.78
6/26/2010 5:00	0.87	1.11	0.98	0.64	0.69	0.65	0.48	0.81	0.84
6/26/2010 5:15	0.88	1.14	1.03	0.69	0.70	0.70	0.55	0.88	0.91
6/26/2010 5:30	0.89	1.17	1.07	0.73	0.70	0.75	0.62	0.95	0.97
6/26/2010 5:45	0.89	1.20	1.10	0.77	0.69	0.79	0.67	1.00	1.02
6/26/2010 6:00	0.91	1.23	1.15	0.81	0.71	0.85	0.74	1.06	1.09
6/26/2010 6:15	0.94	1.26	1.19	0.86	0.72	0.91	0.81	1.14	1.16
6/26/2010 6:30	0.94	1.28	1.23	0.89	0.72	0.95	0.86	1.18	1.21
6/26/2010 6:45	0.96	1.32	1.26	0.94	0.73	1.00	0.92	1.25	1.27
6/26/2010 7:00	0.97	1.33	1.29	0.97	0.72	1.03	0.96	1.29	1.30
6/26/2010 7:15	0.99	1.36	1.31	1.01	0.74	1.08	1.02	1.34	1.35
6/26/2010 7:30	1.01	1.39	1.34	1.04	0.75	1.12	1.06	1.38	1.40
6/26/2010 7:45	1.03	1.40	1.36	1.06	0.75	1.15	1.10	1.41	1.43
6/26/2010 8:00	1.05	1.42	1.37	1.09	0.75	1.17	1.13	1.44	1.45
6/26/2010 8:15	1.05	1.43	1.38	1.10	0.75	1.19	1.15	1.46	1.47
6/26/2010 8:30	1.08	1.44	1.39	1.13	0.76	1.22	1.17	1.48	1.49
6/26/2010 8:45	1.08	1.43	1.36	1.13	0.76	1.21	1.17	1.46	1.47
6/26/2010 9:00	1.08	1.41	1.33	1.14	0.74	1.20	1.15	1.44	1.44
6/26/2010 9:15	1.09	1.41	1.31	1.13	0.74	1.18	1.13	1.41	1.42

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/26/2010 9:30	1.10	1.40	1.29	1.13	0.74	1.17	1.11	1.39	1.40
6/26/2010 9:45	1.09	1.39	1.28	1.11	0.73	1.15	1.08	1.36	1.37
6/26/2010 10:00	1.11	1.39	1.26	1.11	0.73	1.15	1.07	1.35	1.36
6/26/2010 10:15	1.12	1.38	1.23	1.11	0.74	1.13	1.04	1.32	1.33
6/26/2010 10:30	1.12	1.36	1.20	1.09	0.73	1.10	1.00	1.27	1.28
6/26/2010 10:45	1.12	1.34	1.16	1.07	0.72	1.06	0.95	1.22	1.23
6/26/2010 11:00	1.12	1.32	1.13	1.06	0.71	1.03	0.91	1.17	1.18
6/26/2010 11:15	1.11	1.31	1.10	1.04	0.70	0.99	0.86	1.12	1.13
6/26/2010 11:30	1.11	1.29	1.07	1.02	0.70	0.96	0.82	1.08	1.09
6/26/2010 11:45	1.11	1.27	1.04	1.01	0.69	0.92	0.77	1.04	1.05
6/26/2010 12:00	1.10	1.24	0.99	0.97	0.67	0.87	0.71	0.97	0.99
6/26/2010 12:15	1.09	1.22	0.96	0.95	0.67	0.84	0.66	0.93	0.94
6/26/2010 12:30	1.09	1.20	0.94	0.92	0.66	0.80	0.63	0.89	0.91
6/26/2010 12:45	1.08	1.17	0.91	0.90	0.65	0.76	0.57	0.84	0.86
6/26/2010 13:00	1.06	1.15	0.87	0.87	0.64	0.72	0.52	0.78	0.80
6/26/2010 13:15	1.05	1.12	0.84	0.84	0.62	0.68	0.47	0.73	0.75
6/26/2010 13:30	1.04	1.11	0.81	0.79	0.62	0.65	0.43	0.69	0.72
6/26/2010 13:45	1.04	1.09	0.79	0.76	0.61	0.62	0.39	0.65	0.67
6/26/2010 14:00	1.02	1.07	0.76	0.71	0.60	0.58	0.34	0.61	0.63
6/26/2010 14:15	1.01	1.06	0.74	0.68	0.60	0.56	0.31	0.58	0.60
6/26/2010 14:30	1.00	1.04	0.73	0.65	0.59	0.52	0.27	0.55	0.57
6/26/2010 14:45	0.99	1.04	0.72	0.63	0.58	0.51	0.25	0.53	0.56
6/26/2010 15:00	0.98	1.03	0.73	0.62	0.58	0.50	0.24	0.53	0.56
6/26/2010 15:15	0.97	1.01	0.72	0.59	0.56	0.48	0.22	0.51	0.54
6/26/2010 15:30	0.95	1.01	0.72	0.58	0.56	0.47	0.21	0.50	0.53
6/26/2010 15:45	0.95	1.02	0.75	0.57	0.56	0.48	0.22	0.52	0.56
6/26/2010 16:00	0.94	1.03	0.77	0.56	0.55	0.49	0.23	0.54	0.57
6/26/2010 16:15	0.94	1.04	0.81	0.58	0.55	0.51	0.26	0.58	0.60
6/26/2010 16:30	0.93	1.06	0.83	0.59	0.55	0.53	0.29	0.61	0.63
6/26/2010 16:45	0.92	1.06	0.86	0.60	0.55	0.54	0.32	0.64	0.66
6/26/2010 17:00	0.91	1.07	0.88	0.62	0.54	0.56	0.34	0.66	0.69
6/26/2010 17:15	0.91	1.09	0.91	0.64	0.53	0.59	0.38	0.69	0.73
6/26/2010 17:30	0.90	1.12	0.96	0.67	0.53	0.63	0.43	0.76	0.79
6/26/2010 17:45	0.91	1.15	1.01	0.70	0.54	0.68	0.49	0.82	0.85

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/26/2010 18:00	0.91	1.16	1.03	0.73	0.53	0.71	0.54	0.86	0.89
6/26/2010 18:15	0.92	1.19	1.07	0.77	0.54	0.76	0.60	0.92	0.95
6/26/2010 18:30	0.92	1.20	1.09	0.79	0.54	0.78	0.64	0.96	0.98
6/26/2010 18:45	0.93	1.21	1.12	0.82	0.53	0.81	0.67	0.99	1.02
6/26/2010 19:00	0.94	1.24	1.15	0.85	0.54	0.85	0.73	1.05	1.07
6/26/2010 19:15	0.95	1.25	1.17	0.88	0.53	0.88	0.76	1.08	1.10
6/26/2010 19:30	0.96	1.27	1.20	0.91	0.54	0.91	0.80	1.11	1.14
6/26/2010 19:45	0.96	1.28	1.21	0.93	0.54	0.94	0.83	1.15	1.16
6/26/2010 20:00	0.97	1.30	1.21	0.95	0.55	0.96	0.86	1.17	1.18
6/26/2010 20:15	0.98	1.30	1.21	0.95	0.55	0.97	0.87	1.18	1.19
6/26/2010 20:30	1.00	1.30	1.21	0.97	0.55	0.98	0.88	1.19	1.20
6/26/2010 20:45	1.00	1.31	1.21	0.98	0.56	0.99	0.89	1.19	1.20
6/26/2010 21:00	1.00	1.31	1.20	0.99	0.56	0.99	0.89	1.19	1.20
6/26/2010 21:15	1.01	1.31	1.20	0.99	0.56	0.99	0.88	1.18	1.19
6/26/2010 21:30	1.02	1.31	1.18	1.00	0.57	0.99	0.89	1.17	1.18
6/26/2010 21:45	1.03	1.29	1.15	1.00	0.57	0.98	0.86	1.15	1.16
6/26/2010 22:00	1.03	1.29	1.13	0.99	0.56	0.96	0.84	1.12	1.13
6/26/2010 22:15	1.03	1.27	1.10	0.98	0.56	0.94	0.81	1.09	1.10
6/26/2010 22:30	1.04	1.26	1.08	0.97	0.56	0.91	0.78	1.05	1.06
6/26/2010 22:45	1.04	1.25	1.05	0.96	0.56	0.89	0.74	1.02	1.03
6/26/2010 23:00	1.03	1.23	1.02	0.94	0.56	0.86	0.70	0.97	0.99
6/26/2010 23:15	1.04	1.22	1.00	0.93	0.57	0.84	0.67	0.94	0.95
6/26/2010 23:30	1.03	1.19	0.96	0.90	0.55	0.80	0.62	0.89	0.90
6/26/2010 23:45	1.04	1.18	0.94	0.89	0.56	0.77	0.59	0.86	0.87
6/27/2010 0:00	1.03	1.15	0.90	0.85	0.55	0.73	0.54	0.80	0.82
6/27/2010 0:15	1.03	1.14	0.87	0.83	0.55	0.70	0.49	0.76	0.77
6/27/2010 0:30	1.01	1.11	0.83	0.79	0.53	0.65	0.44	0.70	0.73
6/27/2010 0:45	1.02	1.10	0.81	0.77	0.54	0.63	0.41	0.68	0.69
6/27/2010 1:00	1.01	1.08	0.78	0.74	0.53	0.59	0.36	0.62	0.64
6/27/2010 1:15	0.99	1.05	0.76	0.71	0.52	0.55	0.31	0.58	0.60
6/27/2010 1:30	0.98	1.03	0.73	0.69	0.52	0.52	0.28	0.54	0.56
6/27/2010 1:45	0.96	1.01	0.70	0.65	0.49	0.47	0.22	0.49	0.51
6/27/2010 2:00	0.94	0.99	0.67	0.62	0.48	0.44	0.18	0.45	0.48
6/27/2010 2:15	0.94	0.99	0.67	0.61	0.49	0.43	0.17	0.44	0.47

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/27/2010 2:30	0.92	0.97	0.66	0.58	0.48	0.41	0.14	0.42	0.45
6/27/2010 2:45	0.92	0.98	0.67	0.57	0.49	0.41	0.14	0.43	0.46
6/27/2010 3:00	0.93	1.00	0.70	0.56	0.50	0.42	0.15	0.44	0.47
6/27/2010 3:15	0.91	0.99	0.72	0.55	0.49	0.42	0.16	0.46	0.49
6/27/2010 3:30	0.91	1.00	0.74	0.55	0.49	0.43	0.18	0.48	0.51
6/27/2010 3:45	0.89	1.00	0.75	0.55	0.48	0.44	0.19	0.50	0.53
6/27/2010 4:00	0.90	1.02	0.79	0.57	0.49	0.47	0.24	0.54	0.57
6/27/2010 4:15	0.90	1.04	0.82	0.59	0.50	0.50	0.27	0.58	0.61
6/27/2010 4:30	0.90	1.06	0.86	0.61	0.50	0.53	0.31	0.63	0.66
6/27/2010 4:45	0.90	1.09	0.91	0.64	0.50	0.57	0.37	0.69	0.72
6/27/2010 5:00	0.91	1.12	0.96	0.68	0.51	0.61	0.42	0.75	0.78
6/27/2010 5:15	0.92	1.15	1.01	0.71	0.52	0.67	0.49	0.82	0.85
6/27/2010 5:30	0.92	1.17	1.05	0.75	0.52	0.71	0.55	0.88	0.91
6/27/2010 5:45	0.94	1.21	1.11	0.79	0.53	0.77	0.62	0.95	0.98
6/27/2010 6:00	0.94	1.23	1.14	0.83	0.54	0.82	0.68	1.01	1.04
6/27/2010 6:15	0.97	1.26	1.20	0.88	0.55	0.87	0.75	1.08	1.10
6/27/2010 6:30	0.98	1.29	1.23	0.91	0.54	0.91	0.80	1.13	1.15
6/27/2010 6:45	0.98	1.32	1.27	0.95	0.55	0.96	0.86	1.19	1.21
6/27/2010 7:00	0.99	1.34	1.30	0.99	0.54	1.00	0.91	1.24	1.26
6/27/2010 7:15	1.00	1.37	1.34	1.03	0.54	1.05	0.97	1.30	1.32
6/27/2010 7:30	1.01	1.39	1.37	1.07	0.55	1.09	1.02	1.36	1.37
6/27/2010 7:45	1.02	1.41	1.39	1.09	0.54	1.12	1.06	1.39	1.40
6/27/2010 8:00	1.02	1.42	1.41	1.12	0.54	1.15	1.10	1.42	1.44
6/27/2010 8:15	1.04	1.44	1.43	1.15	0.54	1.18	1.14	1.46	1.47
6/27/2010 8:30	1.05	1.46	1.44	1.18	0.56	1.21	1.18	1.49	1.50
6/27/2010 8:45	1.05	1.45	1.43	1.19	0.55	1.22	1.18	1.49	1.50
6/27/2010 9:00	1.06	1.45	1.42	1.20	0.53	1.22	1.18	1.49	1.49
6/27/2010 9:15	1.07	1.46	1.42	1.21	0.55	1.23	1.20	1.49	1.50
6/27/2010 9:30	1.08	1.46	1.41	1.21	0.54	1.23	1.19	1.48	1.49
6/27/2010 9:45	1.08	1.45	1.38	1.22	0.53	1.22	1.17	1.46	1.47
6/27/2010 10:00	1.10	1.44	1.37	1.21	0.54	1.21	1.17	1.45	1.45
6/27/2010 10:15	1.09	1.43	1.33	1.21	0.53	1.18	1.13	1.41	1.41
6/27/2010 10:30	1.10	1.41	1.30	1.20	0.53	1.16	1.10	1.37	1.38
6/27/2010 10:45	1.10	1.40	1.27	1.19	0.53	1.14	1.06	1.33	1.34

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/27/2010 11:00	1.10	1.37	1.25	1.16	0.52	1.10	1.01	1.28	1.29
6/27/2010 11:15	1.10	1.36	1.21	1.14	0.51	1.07	0.97	1.24	1.25
6/27/2010 11:30	1.10	1.34	1.18	1.12	0.51	1.03	0.93	1.20	1.20
6/27/2010 11:45	1.10	1.32	1.15	1.10	0.50	1.00	0.89	1.15	1.16
6/27/2010 12:00	1.10	1.30	1.12	1.08	0.50	0.97	0.84	1.10	1.11
6/27/2010 12:15	1.11	1.28	1.09	1.05	0.50	0.93	0.79	1.05	1.07
6/27/2010 12:30	1.10	1.27	1.05	1.03	0.49	0.89	0.74	1.00	1.01
6/27/2010 12:45	1.09	1.25	1.02	1.00	0.48	0.85	0.69	0.96	0.97
6/27/2010 13:00	1.08	1.22	0.98	0.96	0.47	0.81	0.64	0.90	0.92
6/27/2010 13:15	1.08	1.20	0.95	0.94	0.46	0.77	0.59	0.86	0.87
6/27/2010 13:30	1.07	1.18	0.93	0.90	0.46	0.74	0.55	0.82	0.83
6/27/2010 13:45	1.06	1.15	0.89	0.87	0.45	0.69	0.50	0.76	0.78
6/27/2010 14:00	1.05	1.13	0.85	0.84	0.44	0.66	0.45	0.71	0.73
6/27/2010 14:15	1.04	1.11	0.82	0.81	0.44	0.62	0.40	0.66	0.68
6/27/2010 14:30	1.02	1.07	0.77	0.76	0.43	0.56	0.34	0.60	0.62
6/27/2010 14:45	1.02	1.05	0.74	0.73	0.42	0.52	0.28	0.54	0.56
6/27/2010 15:00	1.00	1.02	0.71	0.69	0.41	0.48	0.23	0.49	0.52
6/27/2010 15:15	0.98	1.00	0.68	0.66	0.39	0.44	0.17	0.45	0.47
6/27/2010 15:30	0.96	0.99	0.65	0.62	0.38	0.40	0.13	0.40	0.43
6/27/2010 15:45	0.95	0.97	0.65	0.59	0.38	0.37	0.10	0.38	0.41
6/27/2010 16:00	0.93	0.95	0.64	0.57	0.37	0.35	0.07	0.36	0.39
6/27/2010 16:15	0.92	0.95	0.65	0.55	0.36	0.34	0.05	0.35	0.38
6/27/2010 16:30	0.91	0.96	0.66	0.53	0.36	0.33	0.05	0.35	0.38
6/27/2010 16:45	0.89	0.95	0.66	0.51	0.35	0.32	0.04	0.35	0.38
6/27/2010 17:00	0.89	0.96	0.69	0.51	0.35	0.33	0.06	0.37	0.40
6/27/2010 17:15	0.88	0.96	0.70	0.51	0.35	0.34	0.08	0.39	0.42
6/27/2010 17:30	0.87	0.96	0.72	0.51	0.36	0.35	0.09	0.40	0.44
6/27/2010 17:45	0.86	0.96	0.73	0.51	0.34	0.35	0.11	0.42	0.45
6/27/2010 18:00	0.86	0.97	0.74	0.52	0.35	0.37	0.13	0.44	0.48
6/27/2010 18:15	0.84	0.99	0.77	0.53	0.34	0.38	0.15	0.46	0.50
6/27/2010 18:30	0.83	1.01	0.81	0.55	0.34	0.41	0.19	0.51	0.55
6/27/2010 18:45	0.84	1.03	0.86	0.58	0.36	0.46	0.25	0.58	0.61
6/27/2010 19:00	0.85	1.05	0.89	0.61	0.36	0.50	0.30	0.63	0.66
6/27/2010 19:15	0.85	1.07	0.91	0.64	0.36	0.53	0.34	0.67	0.70

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/27/2010 19:30	0.86	1.08	0.93	0.66	0.36	0.56	0.38	0.71	0.73
6/27/2010 19:45	0.87	1.11	0.97	0.69	0.38	0.61	0.44	0.76	0.78
6/27/2010 20:00	0.88	1.11	0.97	0.72	0.38	0.62	0.46	0.77	0.80
6/27/2010 20:15	0.88	1.13	1.00	0.74	0.38	0.64	0.48	0.81	0.83
6/27/2010 20:30	0.90	1.15	1.02	0.76	0.38	0.68	0.52	0.84	0.87
6/27/2010 20:45	0.89	1.15	1.01	0.78	0.39	0.68	0.53	0.85	0.86
6/27/2010 21:00	0.90	1.16	1.03	0.79	0.39	0.70	0.56	0.87	0.89
6/27/2010 21:15	0.90	1.14	0.99	0.79	0.38	0.69	0.55	0.85	0.87
6/27/2010 21:30	0.90	1.14	0.98	0.79	0.38	0.69	0.54	0.84	0.86
6/27/2010 21:45	0.92	1.16	1.02	0.81	0.39	0.71	0.56	0.87	0.89
6/27/2010 22:00	0.92	1.15	0.99	0.81	0.39	0.71	0.56	0.86	0.88
6/27/2010 22:15	0.91	1.14	0.97	0.81	0.37	0.69	0.53	0.82	0.85
6/27/2010 22:30	0.91	1.13	0.94	0.81	0.37	0.68	0.52	0.80	0.83
6/27/2010 22:45	0.92	1.11	0.91	0.80	0.38	0.66	0.49	0.78	0.80
6/27/2010 23:00	0.91	1.10	0.90	0.79	0.38	0.64	0.47	0.76	0.77
6/27/2010 23:15	0.91	1.09	0.88	0.78	0.37	0.62	0.44	0.73	0.75
6/27/2010 23:30	0.91	1.07	0.85	0.76	0.37	0.60	0.41	0.69	0.72
6/27/2010 23:45	0.91	1.06	0.83	0.75	0.37	0.57	0.38	0.66	0.68
6/28/2010 0:00	0.90	1.04	0.79	0.73	0.37	0.54	0.34	0.62	0.64
6/28/2010 0:15	0.89	1.02	0.76	0.71	0.36	0.51	0.29	0.57	0.60
6/28/2010 0:30	0.89	1.00	0.74	0.69	0.37	0.49	0.27	0.54	0.56
6/28/2010 0:45	0.87	0.98	0.70	0.67	0.35	0.44	0.21	0.48	0.51
6/28/2010 1:00	0.87	0.97	0.68	0.64	0.35	0.41	0.18	0.45	0.48
6/28/2010 1:15	0.86	0.95	0.65	0.62	0.35	0.38	0.14	0.41	0.44
6/28/2010 1:30	0.85	0.93	0.63	0.60	0.35	0.36	0.10	0.37	0.41
6/28/2010 1:45	0.84	0.92	0.62	0.58	0.34	0.34	0.07	0.35	0.39
6/28/2010 2:00	0.83	0.90	0.59	0.54	0.33	0.30	0.04	0.31	0.34
6/28/2010 2:15	0.81	0.88	0.57	0.52	0.32	0.27	0.00	0.27	0.30
6/28/2010 2:30	0.80	0.86	0.55	0.50	0.32	0.25	-0.03	0.25	0.28
6/28/2010 2:45	0.79	0.85	0.53	0.48	0.32	0.22	-0.05	0.22	0.25
6/28/2010 3:00	0.78	0.84	0.53	0.47	0.32	0.21	-0.07	0.20	0.23
6/28/2010 3:15	0.77	0.84	0.53	0.45	0.32	0.20	-0.09	0.19	0.23
6/28/2010 3:30	0.76	0.83	0.54	0.42	0.30	0.19	-0.10	0.20	0.23
6/28/2010 3:45	0.75	0.84	0.56	0.42	0.31	0.20	-0.08	0.21	0.25

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/28/2010 4:00	0.75	0.85	0.57	0.42	0.31	0.20	-0.07	0.23	0.27
6/28/2010 4:15	0.74	0.86	0.61	0.42	0.31	0.22	-0.04	0.26	0.30
6/28/2010 4:30	0.73	0.87	0.62	0.43	0.31	0.24	-0.02	0.29	0.32
6/28/2010 4:45	0.73	0.88	0.65	0.44	0.31	0.26	0.01	0.32	0.35
6/28/2010 5:00	0.73	0.90	0.69	0.46	0.32	0.29	0.05	0.37	0.40
6/28/2010 5:15	0.74	0.93	0.74	0.50	0.33	0.34	0.11	0.43	0.47
6/28/2010 5:30	0.75	0.96	0.80	0.53	0.33	0.39	0.17	0.50	0.53
6/28/2010 5:45	0.75	1.00	0.86	0.58	0.34	0.44	0.24	0.58	0.61
6/28/2010 6:00	0.77	1.04	0.92	0.62	0.35	0.51	0.32	0.66	0.70
6/28/2010 6:15	0.77	1.06	0.97	0.67	0.36	0.56	0.39	0.72	0.76
6/28/2010 6:30	0.79	1.09	1.00	0.71	0.36	0.61	0.45	0.79	0.82
6/28/2010 6:45	0.81	1.12	1.03	0.76	0.38	0.66	0.52	0.85	0.88
6/28/2010 7:00	0.82	1.16	1.09	0.79	0.38	0.71	0.58	0.92	0.95
6/28/2010 7:15	0.83	1.19	1.13	0.84	0.38	0.77	0.65	0.98	1.02
6/28/2010 7:30	0.85	1.23	1.18	0.88	0.39	0.82	0.71	1.05	1.08
6/28/2010 7:45	0.86	1.25	1.22	0.92	0.39	0.87	0.78	1.11	1.14
6/28/2010 8:00	0.88	1.28	1.25	0.96	0.39	0.91	0.83	1.16	1.19
6/28/2010 8:15	0.89	1.30	1.28	1.00	0.40	0.96	0.89	1.22	1.24
6/28/2010 8:30	0.91	1.32	1.30	1.03	0.40	0.99	0.93	1.25	1.28
6/28/2010 8:45	0.92	1.34	1.32	1.06	0.40	1.02	0.97	1.29	1.32
6/28/2010 9:00	0.94	1.35	1.34	1.08	0.41	1.05	1.00	1.32	1.34
6/28/2010 9:15	0.96	1.37	1.35	1.10	0.41	1.07	1.03	1.34	1.36
6/28/2010 9:30	0.96	1.37	1.36	1.11	0.40	1.09	1.04	1.35	1.37
6/28/2010 9:45	0.98	1.38	1.36	1.13	0.40	1.10	1.06	1.37	1.39
6/28/2010 10:00	0.99	1.38	1.36	1.15	0.40	1.11	1.07	1.37	1.38
6/28/2010 10:15	1.00	1.39	1.35	1.15	0.40	1.11	1.07	1.37	1.39
6/28/2010 10:30	1.01	1.38	1.33	1.15	0.40	1.10	1.06	1.35	1.37
6/28/2010 10:45	1.01	1.37	1.32	1.15	0.39	1.10	1.05	1.33	1.35
6/28/2010 11:00	1.01	1.36	1.29	1.14	0.38	1.08	1.02	1.31	1.31
6/28/2010 11:15	1.02	1.35	1.26	1.14	0.38	1.06	0.99	1.27	1.28
6/28/2010 11:30	1.02	1.34	1.25	1.13	0.38	1.04	0.96	1.25	1.25
6/28/2010 11:45	1.03	1.33	1.22	1.12	0.38	1.02	0.94	1.21	1.22
6/28/2010 12:00	1.03	1.31	1.19	1.10	0.37	0.99	0.90	1.17	1.18
6/28/2010 12:15	1.04	1.31	1.18	1.09	0.38	0.97	0.88	1.15	1.17

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/28/2010 12:30	1.04	1.29	1.14	1.07	0.37	0.94	0.83	1.10	1.11
6/28/2010 12:45	1.04	1.27	1.11	1.05	0.37	0.90	0.79	1.06	1.07
6/28/2010 13:00	1.05	1.26	1.07	1.03	0.37	0.88	0.75	1.02	1.04
6/28/2010 13:15	1.04	1.23	1.03	1.00	0.36	0.82	0.69	0.95	0.96
6/28/2010 13:30	1.02	1.19	0.98	0.96	0.33	0.77	0.62	0.88	0.90
6/28/2010 13:45	1.03	1.18	0.95	0.93	0.34	0.74	0.58	0.84	0.86
6/28/2010 14:00	1.01	1.15	0.93	0.90	0.32	0.70	0.52	0.79	0.80
6/28/2010 14:15	1.01	1.13	0.91	0.87	0.31	0.67	0.48	0.75	0.77
6/28/2010 14:30	1.00	1.12	0.88	0.85	0.33	0.64	0.46	0.72	0.74
6/28/2010 14:45	1.02	1.11	0.85	0.84	0.35	0.62	0.42	0.68	0.71
6/28/2010 15:00	1.02	1.08	0.78	0.81	0.36	0.58	0.36	0.61	0.64
6/28/2010 15:15	1.03	1.06	0.73	0.79	0.39	0.54	0.31	0.56	0.58
6/28/2010 15:30	1.02	1.01	0.66	0.74	0.37	0.46	0.21	0.46	0.48
6/28/2010 15:45	1.02	0.97	0.59	0.68	0.37	0.39	0.12	0.37	0.39
6/28/2010 16:00	1.01	0.99	0.68	0.63	0.37	0.38	0.08	0.39	0.43
6/28/2010 16:15	1.00	1.03	0.78	0.61	0.37	0.42	0.14	0.48	0.51
6/28/2010 16:30	0.98	1.00	0.70	0.59	0.36	0.39	0.14	0.43	0.46
6/28/2010 16:45	0.97	0.98	0.68	0.58	0.36	0.37	0.12	0.41	0.43
6/28/2010 17:00	0.94	0.95	0.62	0.55	0.33	0.32	0.06	0.33	0.36
6/28/2010 17:15	0.92	0.91	0.56	0.53	0.32	0.27	0.00	0.26	0.28
6/28/2010 17:30	0.89	0.89	0.56	0.50	0.31	0.23	-0.05	0.22	0.26
6/28/2010 17:45	0.90	0.94	0.66	0.49	0.33	0.28	-0.02	0.30	0.35
6/28/2010 18:00	0.88	0.94	0.66	0.49	0.32	0.28	0.01	0.32	0.35
6/28/2010 18:15	0.89	0.93	0.63	0.48	0.33	0.28	0.02	0.30	0.34
6/28/2010 18:30	0.87	0.93	0.66	0.48	0.32	0.28	0.01	0.31	0.35
6/28/2010 18:45	0.86	0.94	0.69	0.49	0.32	0.30	0.04	0.35	0.38
6/28/2010 19:00	0.86	0.95	0.72	0.50	0.32	0.32	0.07	0.38	0.41
6/28/2010 19:15	0.87	1.01	0.83	0.52	0.34	0.39	0.14	0.48	0.54
6/28/2010 19:30	0.87	1.03	0.86	0.56	0.34	0.43	0.22	0.55	0.59
6/28/2010 19:45	0.88	1.06	0.90	0.61	0.37	0.49	0.29	0.63	0.66
6/28/2010 20:00	0.88	1.06	0.87	0.64	0.36	0.50	0.32	0.62	0.66
6/28/2010 20:15	0.88	1.05	0.85	0.64	0.36	0.50	0.32	0.62	0.65
6/28/2010 20:30	0.89	1.07	0.89	0.65	0.37	0.53	0.35	0.66	0.69
6/28/2010 20:45	0.90	1.08	0.90	0.68	0.38	0.56	0.38	0.69	0.71

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/28/2010 21:00	0.90	1.08	0.91	0.69	0.38	0.57	0.39	0.70	0.73
6/28/2010 21:15	0.90	1.11	0.96	0.70	0.39	0.60	0.42	0.75	0.78
6/28/2010 21:30	0.92	1.12	0.96	0.72	0.39	0.63	0.46	0.77	0.79
6/28/2010 21:45	0.93	1.13	0.97	0.74	0.40	0.65	0.48	0.79	0.81
6/28/2010 22:00	0.94	1.15	0.99	0.75	0.41	0.67	0.51	0.82	0.85
6/28/2010 22:15	0.95	1.15	0.99	0.77	0.42	0.69	0.53	0.84	0.86
6/28/2010 22:30	0.96	1.14	0.95	0.78	0.42	0.68	0.52	0.81	0.82
6/28/2010 22:45	0.96	1.11	0.91	0.77	0.42	0.65	0.49	0.77	0.78
6/28/2010 23:00	0.96	1.10	0.88	0.76	0.42	0.63	0.45	0.73	0.75
6/28/2010 23:15	0.96	1.07	0.84	0.75	0.42	0.60	0.41	0.69	0.70
6/28/2010 23:30	0.94	1.06	0.82	0.73	0.41	0.56	0.36	0.65	0.67
6/28/2010 23:45	0.94	1.06	0.83	0.72	0.42	0.56	0.36	0.65	0.67
6/29/2010 0:00	0.94	1.04	0.80	0.71	0.41	0.54	0.33	0.62	0.64
6/29/2010 0:15	0.94	1.04	0.78	0.70	0.42	0.53	0.32	0.59	0.61
6/29/2010 0:30	0.94	1.02	0.75	0.69	0.42	0.50	0.29	0.56	0.58
6/29/2010 0:45	0.92	0.99	0.71	0.65	0.41	0.46	0.23	0.51	0.53
6/29/2010 1:00	0.92	0.98	0.69	0.64	0.42	0.44	0.21	0.47	0.49
6/29/2010 1:15	0.91	0.96	0.66	0.62	0.41	0.40	0.16	0.43	0.45
6/29/2010 1:30	0.91	0.94	0.64	0.60	0.41	0.38	0.13	0.40	0.42
6/29/2010 1:45	0.90	0.92	0.61	0.57	0.41	0.34	0.09	0.36	0.38
6/29/2010 2:00	0.89	0.91	0.59	0.54	0.41	0.32	0.05	0.32	0.34
6/29/2010 2:15	0.88	0.89	0.56	0.52	0.41	0.29	0.02	0.28	0.31
6/29/2010 2:30	0.87	0.87	0.52	0.50	0.40	0.25	-0.02	0.24	0.26
6/29/2010 2:45	0.87	0.86	0.51	0.47	0.41	0.23	-0.06	0.21	0.24
6/29/2010 3:00	0.86	0.84	0.49	0.44	0.41	0.20	-0.09	0.18	0.21
6/29/2010 3:15	0.86	0.84	0.48	0.43	0.42	0.19	-0.11	0.17	0.20
6/29/2010 3:30	0.85	0.83	0.47	0.41	0.42	0.17	-0.13	0.15	0.18
6/29/2010 3:45	0.84	0.82	0.46	0.39	0.42	0.15	-0.15	0.13	0.16
6/29/2010 4:00	0.84	0.81	0.45	0.37	0.42	0.14	-0.17	0.11	0.15
6/29/2010 4:15	0.84	0.82	0.46	0.36	0.43	0.14	-0.17	0.12	0.15
6/29/2010 4:30	0.84	0.82	0.48	0.35	0.44	0.15	-0.16	0.13	0.16
6/29/2010 4:45	0.83	0.84	0.50	0.35	0.44	0.16	-0.15	0.15	0.19
6/29/2010 5:00	0.84	0.84	0.53	0.35	0.45	0.18	-0.12	0.18	0.22
6/29/2010 5:15	0.83	0.85	0.56	0.35	0.45	0.19	-0.10	0.21	0.24

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/29/2010 5:30	0.84	0.87	0.59	0.37	0.46	0.22	-0.06	0.25	0.29
6/29/2010 5:45	0.84	0.89	0.61	0.38	0.48	0.25	-0.02	0.29	0.32
6/29/2010 6:00	0.85	0.91	0.66	0.41	0.49	0.29	0.03	0.34	0.37
6/29/2010 6:15	0.85	0.93	0.69	0.43	0.49	0.32	0.07	0.39	0.42
6/29/2010 6:30	0.85	0.95	0.72	0.46	0.51	0.36	0.12	0.43	0.46
6/29/2010 6:45	0.87	0.97	0.76	0.49	0.52	0.40	0.17	0.49	0.52
6/29/2010 7:00	0.86	0.99	0.78	0.51	0.51	0.42	0.20	0.52	0.55
6/29/2010 7:15	0.88	1.01	0.83	0.54	0.53	0.48	0.26	0.58	0.61
6/29/2010 7:30	0.89	1.05	0.88	0.59	0.55	0.53	0.33	0.66	0.69
6/29/2010 7:45	0.90	1.07	0.91	0.62	0.55	0.57	0.38	0.71	0.73
6/29/2010 8:00	0.90	1.09	0.94	0.65	0.55	0.60	0.43	0.75	0.77
6/29/2010 8:15	0.92	1.12	0.97	0.69	0.57	0.65	0.48	0.80	0.83
6/29/2010 8:30	0.94	1.14	1.00	0.72	0.58	0.69	0.53	0.85	0.86
6/29/2010 8:45	0.93	1.15	1.01	0.74	0.57	0.70	0.55	0.87	0.89
6/29/2010 9:00	0.95	1.18	1.05	0.76	0.59	0.75	0.60	0.93	0.94
6/29/2010 9:15	0.95	1.19	1.06	0.79	0.58	0.77	0.63	0.95	0.97
6/29/2010 9:30	0.97	1.21	1.10	0.82	0.59	0.81	0.67	1.00	1.01
6/29/2010 9:45	0.98	1.23	1.11	0.84	0.59	0.83	0.71	1.03	1.04
6/29/2010 10:00	0.99	1.23	1.11	0.85	0.59	0.85	0.73	1.04	1.05
6/29/2010 10:15	1.00	1.23	1.10	0.87	0.59	0.86	0.74	1.05	1.05
6/29/2010 10:30	1.01	1.24	1.09	0.88	0.60	0.87	0.75	1.05	1.05
6/29/2010 10:45	1.02	1.23	1.06	0.88	0.60	0.86	0.74	1.03	1.03
6/29/2010 11:00	1.02	1.22	1.05	0.88	0.60	0.85	0.72	1.01	1.01
6/29/2010 11:15	1.03	1.21	1.03	0.88	0.60	0.84	0.71	0.99	0.99
6/29/2010 11:30	1.04	1.20	1.02	0.87	0.60	0.83	0.68	0.97	0.97
6/29/2010 11:45	1.04	1.19	1.00	0.86	0.59	0.81	0.66	0.94	0.95
6/29/2010 12:00	1.05	1.18	0.96	0.85	0.60	0.79	0.64	0.91	0.92
6/29/2010 12:15	1.05	1.16	0.93	0.84	0.60	0.76	0.60	0.86	0.88
6/29/2010 12:30	1.04	1.13	0.89	0.81	0.60	0.72	0.55	0.81	0.82
6/29/2010 12:45	1.05	1.12	0.85	0.79	0.60	0.69	0.51	0.76	0.77
6/29/2010 13:00	1.03	1.09	0.81	0.76	0.59	0.64	0.44	0.70	0.72
6/29/2010 13:15	1.02	1.07	0.78	0.74	0.58	0.60	0.39	0.65	0.67
6/29/2010 13:30	1.02	1.05	0.74	0.71	0.59	0.57	0.35	0.61	0.62
6/29/2010 13:45	1.00	1.01	0.69	0.67	0.58	0.52	0.28	0.54	0.56

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/29/2010 14:00	0.99	0.99	0.66	0.64	0.57	0.47	0.23	0.49	0.51
6/29/2010 14:15	0.98	0.97	0.64	0.60	0.57	0.44	0.18	0.45	0.47
6/29/2010 14:30	0.97	0.94	0.59	0.57	0.57	0.40	0.14	0.39	0.42
6/29/2010 14:45	0.96	0.92	0.55	0.54	0.57	0.36	0.09	0.34	0.36
6/29/2010 15:00	0.95	0.90	0.53	0.50	0.57	0.32	0.03	0.29	0.33
6/29/2010 15:15	0.94	0.89	0.51	0.47	0.57	0.29	-0.01	0.26	0.29
6/29/2010 15:30	0.93	0.86	0.48	0.44	0.56	0.25	-0.05	0.21	0.24
6/29/2010 15:45	0.92	0.84	0.44	0.41	0.56	0.22	-0.10	0.16	0.19
6/29/2010 16:00	0.91	0.82	0.42	0.37	0.56	0.18	-0.14	0.12	0.15
6/29/2010 16:15	0.90	0.79	0.39	0.34	0.55	0.14	-0.19	0.08	0.11
6/29/2010 16:30	0.88	0.77	0.34	0.30	0.53	0.10	-0.25	0.02	0.05
6/29/2010 16:45	0.87	0.74	0.31	0.27	0.53	0.06	-0.29	-0.02	0.00
6/29/2010 17:00	0.86	0.73	0.29	0.24	0.53	0.03	-0.33	-0.05	-0.03
6/29/2010 17:15	0.85	0.72	0.29	0.22	0.53	0.01	-0.36	-0.07	-0.04
6/29/2010 17:30	0.83	0.72	0.29	0.20	0.53	-0.01	-0.38	-0.09	-0.06
6/29/2010 17:45	0.83	0.72	0.32	0.18	0.52	0.00	-0.37	-0.07	-0.04
6/29/2010 18:00	0.83	0.73	0.35	0.17	0.53	0.01	-0.35	-0.04	-0.01
6/29/2010 18:15	0.83	0.75	0.39	0.18	0.54	0.03	-0.31	0.00	0.04
6/29/2010 18:30	0.83	0.77	0.41	0.18	0.55	0.06	-0.27	0.03	0.07
6/29/2010 18:45	0.83	0.77	0.41	0.20	0.56	0.07	-0.25	0.05	0.08
6/29/2010 19:00	0.83	0.78	0.43	0.21	0.56	0.09	-0.23	0.07	0.11
6/29/2010 19:15	0.84	0.80	0.47	0.22	0.58	0.12	-0.19	0.11	0.15
6/29/2010 19:30	0.84	0.81	0.50	0.24	0.59	0.15	-0.15	0.16	0.19
6/29/2010 19:45	0.84	0.83	0.55	0.26	0.59	0.18	-0.11	0.20	0.24
6/29/2010 20:00	0.86	0.88	0.62	0.30	0.62	0.23	-0.03	0.29	0.33
6/29/2010 20:15	0.86	0.90	0.66	0.33	0.62	0.27	0.02	0.34	0.38
6/29/2010 20:30	0.87	0.92	0.68	0.36	0.64	0.32	0.08	0.40	0.43
6/29/2010 20:45	0.88	0.95	0.72	0.40	0.65	0.36	0.14	0.45	0.48
6/29/2010 21:00	0.89	0.97	0.75	0.43	0.65	0.40	0.18	0.50	0.52
6/29/2010 21:15	0.88	0.98	0.76	0.46	0.65	0.43	0.22	0.53	0.56
6/29/2010 21:30	0.89	0.99	0.79	0.48	0.66	0.45	0.25	0.56	0.59
6/29/2010 21:45	0.89	1.01	0.81	0.51	0.67	0.49	0.30	0.60	0.63
6/29/2010 22:00	0.91	1.02	0.84	0.53	0.68	0.52	0.33	0.64	0.67
6/29/2010 22:15	0.91	1.03	0.84	0.55	0.69	0.54	0.36	0.65	0.68

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/29/2010 22:30	0.91	1.03	0.83	0.56	0.69	0.55	0.37	0.66	0.68
6/29/2010 22:45	0.92	1.05	0.84	0.58	0.70	0.57	0.39	0.68	0.71
6/29/2010 23:00	0.93	1.05	0.84	0.59	0.70	0.58	0.40	0.69	0.71
6/29/2010 23:15	0.93	1.05	0.84	0.60	0.70	0.58	0.40	0.70	0.72
6/29/2010 23:30	0.93	1.05	0.84	0.60	0.70	0.58	0.41	0.70	0.71
6/29/2010 23:45	0.94	1.05	0.82	0.61	0.71	0.59	0.41	0.68	0.70
6/30/2010 0:00	0.95	1.04	0.80	0.61	0.72	0.58	0.39	0.66	0.68
6/30/2010 0:15	0.96	1.04	0.79	0.61	0.73	0.57	0.37	0.65	0.66
6/30/2010 0:30	0.96	1.04	0.78	0.61	0.74	0.56	0.36	0.64	0.66
6/30/2010 0:45	0.96	1.02	0.76	0.59	0.74	0.55	0.34	0.62	0.63
6/30/2010 1:00	0.96	1.01	0.74	0.58	0.74	0.53	0.31	0.59	0.61
6/30/2010 1:15	0.96	1.00	0.71	0.57	0.74	0.50	0.28	0.55	0.57
6/30/2010 1:30	0.95	0.97	0.64	0.55	0.73	0.46	0.23	0.49	0.50
6/30/2010 1:45	0.95	0.94	0.61	0.52	0.73	0.42	0.18	0.43	0.45
6/30/2010 2:00	0.95	0.93	0.61	0.50	0.74	0.40	0.15	0.41	0.43
6/30/2010 2:15	0.96	0.93	0.61	0.48	0.76	0.39	0.14	0.40	0.41
6/30/2010 2:30	0.95	0.91	0.59	0.46	0.76	0.36	0.10	0.37	0.38
6/30/2010 2:45	0.95	0.90	0.58	0.44	0.76	0.34	0.07	0.34	0.36
6/30/2010 3:00	0.96	0.90	0.57	0.42	0.76	0.33	0.05	0.32	0.34
6/30/2010 3:15	0.96	0.90	0.55	0.41	0.77	0.32	0.04	0.31	0.33
6/30/2010 3:30	0.95	0.89	0.57	0.38	0.76	0.30	0.01	0.30	0.32
6/30/2010 3:45	0.96	0.90	0.58	0.38	0.78	0.31	0.03	0.31	0.33
6/30/2010 4:00	0.97	0.90	0.57	0.38	0.79	0.31	0.02	0.30	0.32
6/30/2010 4:15	0.97	0.88	0.55	0.36	0.79	0.29	0.00	0.28	0.30
6/30/2010 4:30	0.96	0.87	0.53	0.35	0.79	0.27	-0.02	0.25	0.27
6/30/2010 4:45	0.97	0.87	0.52	0.33	0.79	0.25	-0.04	0.23	0.25
6/30/2010 5:00	0.97	0.87	0.52	0.33	0.80	0.25	-0.05	0.23	0.25
6/30/2010 5:15	0.97	0.88	0.55	0.32	0.81	0.25	-0.05	0.24	0.27
6/30/2010 5:30	0.97	0.90	0.60	0.31	0.82	0.28	-0.02	0.28	0.32
6/30/2010 5:45	0.97	0.91	0.62	0.32	0.82	0.30	0.01	0.31	0.35
6/30/2010 6:00	0.98	0.93	0.64	0.33	0.83	0.32	0.04	0.34	0.37
6/30/2010 6:15	0.98	0.93	0.63	0.34	0.83	0.33	0.05	0.35	0.38
6/30/2010 6:30	0.98	0.93	0.64	0.35	0.83	0.33	0.06	0.35	0.38
6/30/2010 6:45	0.98	0.93	0.66	0.35	0.85	0.35	0.08	0.37	0.41

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/30/2010 7:00	0.99	0.95	0.68	0.37	0.86	0.37	0.10	0.40	0.44
6/30/2010 7:15	0.99	0.96	0.70	0.38	0.86	0.39	0.13	0.43	0.47
6/30/2010 7:30	0.99	0.98	0.74	0.39	0.86	0.42	0.16	0.48	0.51
6/30/2010 7:45	0.99	1.00	0.77	0.42	0.86	0.45	0.20	0.51	0.55
6/30/2010 8:00	0.99	1.01	0.79	0.45	0.87	0.47	0.24	0.55	0.59
6/30/2010 8:15	1.00	1.04	0.84	0.46	0.88	0.52	0.29	0.61	0.64
6/30/2010 8:30	1.01	1.06	0.87	0.50	0.89	0.56	0.34	0.66	0.69
6/30/2010 8:45	1.01	1.08	0.89	0.52	0.89	0.58	0.37	0.69	0.72
6/30/2010 9:00	1.02	1.10	0.93	0.55	0.90	0.62	0.42	0.73	0.77
6/30/2010 9:15	1.02	1.12	0.95	0.58	0.90	0.65	0.46	0.77	0.79
6/30/2010 9:30	1.03	1.13	0.96	0.60	0.90	0.67	0.49	0.80	0.82
6/30/2010 9:45	1.03	1.14	0.97	0.61	0.90	0.69	0.51	0.82	0.85
6/30/2010 10:00	1.03	1.14	0.97	0.63	0.90	0.71	0.53	0.83	0.86
6/30/2010 10:15	1.05	1.16	0.99	0.64	0.91	0.73	0.56	0.86	0.88
6/30/2010 10:30	1.04	1.15	0.98	0.65	0.90	0.73	0.56	0.86	0.89
6/30/2010 10:45	1.04	1.16	0.98	0.66	0.90	0.74	0.57	0.87	0.89
6/30/2010 11:00	1.05	1.16	0.99	0.67	0.90	0.75	0.58	0.88	0.90
6/30/2010 11:15	1.05	1.16	0.97	0.67	0.90	0.75	0.58	0.87	0.89
6/30/2010 11:30	1.05	1.15	0.94	0.67	0.90	0.73	0.56	0.84	0.86
6/30/2010 11:45	1.05	1.14	0.92	0.67	0.90	0.72	0.54	0.83	0.84
6/30/2010 12:00	1.05	1.12	0.89	0.66	0.89	0.70	0.52	0.79	0.81
6/30/2010 12:15	1.05	1.11	0.87	0.66	0.89	0.69	0.49	0.77	0.79
6/30/2010 12:30	1.04	1.10	0.86	0.64	0.88	0.66	0.46	0.74	0.76
6/30/2010 12:45	1.04	1.08	0.84	0.63	0.88	0.65	0.44	0.72	0.74
6/30/2010 13:00	1.04	1.07	0.82	0.62	0.88	0.63	0.42	0.69	0.71
6/30/2010 13:15	1.02	1.05	0.78	0.61	0.87	0.60	0.38	0.65	0.67
6/30/2010 13:30	1.02	1.03	0.74	0.60	0.86	0.56	0.34	0.60	0.62
6/30/2010 13:45	1.01	1.01	0.72	0.59	0.86	0.54	0.30	0.57	0.59
6/30/2010 14:00	1.00	0.99	0.69	0.56	0.85	0.50	0.26	0.52	0.55
6/30/2010 14:15	0.99	0.98	0.68	0.54	0.84	0.48	0.22	0.50	0.52
6/30/2010 14:30	0.98	0.97	0.67	0.51	0.84	0.46	0.20	0.47	0.50
6/30/2010 14:45	0.98	0.96	0.65	0.48	0.84	0.44	0.18	0.45	0.47
6/30/2010 15:00	0.97	0.94	0.62	0.46	0.84	0.41	0.14	0.41	0.44
6/30/2010 15:15	0.97	0.92	0.59	0.44	0.84	0.38	0.11	0.38	0.40

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
6/30/2010 15:30	0.95	0.90	0.55	0.41	0.82	0.34	0.06	0.33	0.35
6/30/2010 15:45	0.94	0.88	0.52	0.38	0.81	0.30	0.01	0.28	0.31
6/30/2010 16:00	0.94	0.87	0.50	0.35	0.81	0.28	-0.02	0.25	0.28
6/30/2010 16:15	0.92	0.86	0.49	0.33	0.80	0.26	-0.05	0.23	0.25
6/30/2010 16:30	0.92	0.85	0.48	0.31	0.79	0.24	-0.07	0.21	0.23
6/30/2010 16:45	0.90	0.82	0.47	0.29	0.77	0.21	-0.10	0.18	0.21
6/30/2010 17:00	0.90	0.83	0.47	0.28	0.78	0.21	-0.10	0.18	0.20
6/30/2010 17:15	0.89	0.81	0.45	0.27	0.77	0.19	-0.12	0.16	0.18
6/30/2010 17:30	0.88	0.81	0.45	0.26	0.77	0.18	-0.13	0.15	0.18
6/30/2010 17:45	0.87	0.81	0.46	0.24	0.76	0.17	-0.14	0.15	0.18
6/30/2010 18:00	0.88	0.83	0.49	0.25	0.77	0.19	-0.12	0.18	0.21
6/30/2010 18:15	0.87	0.84	0.52	0.25	0.77	0.21	-0.09	0.21	0.24
6/30/2010 18:30	0.87	0.85	0.55	0.26	0.77	0.23	-0.06	0.24	0.27
6/30/2010 18:45	0.87	0.87	0.58	0.27	0.77	0.26	-0.03	0.28	0.31
6/30/2010 19:00	0.88	0.89	0.63	0.29	0.79	0.30	0.02	0.34	0.36
6/30/2010 19:15	0.87	0.90	0.64	0.32	0.78	0.32	0.05	0.37	0.39
6/30/2010 19:30	0.88	0.93	0.70	0.35	0.80	0.36	0.11	0.43	0.45
6/30/2010 19:45	0.87	0.95	0.73	0.37	0.79	0.39	0.15	0.48	0.50
6/30/2010 20:00	0.88	0.98	0.78	0.41	0.79	0.44	0.21	0.54	0.56
6/30/2010 20:15	0.88	1.00	0.83	0.45	0.80	0.49	0.28	0.61	0.63
6/30/2010 20:30	0.89	1.04	0.89	0.49	0.81	0.55	0.35	0.68	0.71
6/30/2010 20:45	0.90	1.07	0.93	0.53	0.82	0.59	0.42	0.75	0.77
6/30/2010 21:00	0.93	1.11	0.98	0.57	0.84	0.66	0.50	0.83	0.86
6/30/2010 21:15	0.94	1.14	1.02	0.61	0.85	0.71	0.56	0.89	0.91
6/30/2010 21:30	0.94	1.16	1.06	0.65	0.85	0.76	0.62	0.94	0.97
6/30/2010 21:45	0.96	1.19	1.09	0.69	0.86	0.80	0.67	1.00	1.02
6/30/2010 22:00	0.98	1.22	1.15	0.74	0.88	0.86	0.74	1.07	1.09
6/30/2010 22:15	1.00	1.26	1.19	0.78	0.90	0.91	0.80	1.13	1.15
6/30/2010 22:30	1.03	1.29	1.23	0.81	0.91	0.96	0.86	1.18	1.20
6/30/2010 22:45	1.05	1.31	1.25	0.85	0.91	1.00	0.90	1.23	1.24
6/30/2010 23:00	1.05	1.32	1.27	0.87	0.92	1.03	0.94	1.26	1.28
6/30/2010 23:15	1.07	1.34	1.28	0.90	0.92	1.05	0.97	1.29	1.30
6/30/2010 23:30	1.08	1.35	1.29	0.92	0.92	1.08	1.00	1.31	1.33
6/30/2010 23:45	1.10	1.37	1.30	0.95	0.93	1.10	1.03	1.34	1.35

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
7/1/2010 0:00	1.10	1.38	1.31	0.96	0.93	1.12	1.05	1.35	1.36
7/1/2010 0:15	1.12	1.38	1.31	0.97	0.95	1.13	1.06	1.36	1.37
7/1/2010 0:30	1.15	1.38	1.31	0.99	0.96	1.15	1.07	1.37	1.38
7/1/2010 0:45	1.15	1.38	1.30	0.99	0.96	1.14	1.07	1.35	1.36
7/1/2010 1:00	1.16	1.37	1.27	0.99	0.96	1.13	1.05	1.33	1.33
7/1/2010 1:15	1.17	1.36	1.25	0.99	0.96	1.12	1.03	1.30	1.31
7/1/2010 1:30	1.17	1.34	1.22	0.98	0.96	1.09	1.00	1.27	1.28
7/1/2010 1:45	1.19	1.34	1.19	0.98	0.97	1.08	0.98	1.24	1.25
7/1/2010 2:00	1.19	1.33	1.17	0.96	0.96	1.06	0.95	1.21	1.22
7/1/2010 2:15	1.20	1.32	1.16	0.95	0.97	1.04	0.92	1.18	1.19
7/1/2010 2:30	1.20	1.30	1.12	0.93	0.96	1.00	0.88	1.14	1.15
7/1/2010 2:45	1.20	1.29	1.10	0.91	0.96	0.98	0.85	1.11	1.12
7/1/2010 3:00	1.20	1.28	1.08	0.89	0.96	0.96	0.82	1.07	1.09
7/1/2010 3:15	1.20	1.27	1.06	0.87	0.96	0.93	0.78	1.04	1.06
7/1/2010 3:30	1.20	1.26	1.05	0.85	0.95	0.91	0.76	1.02	1.04
7/1/2010 3:45	1.21	1.26	1.04	0.84	0.96	0.90	0.74	1.00	1.02
7/1/2010 4:00	1.20	1.24	1.01	0.82	0.96	0.88	0.71	0.97	0.98
7/1/2010 4:15	1.20	1.23	0.98	0.80	0.96	0.85	0.67	0.93	0.94
7/1/2010 4:30	1.21	1.22	0.96	0.78	0.97	0.83	0.65	0.90	0.92
7/1/2010 4:45	1.20	1.20	0.95	0.76	0.97	0.80	0.61	0.87	0.89
7/1/2010 5:00	1.21	1.21	0.95	0.74	0.98	0.79	0.59	0.86	0.88
7/1/2010 5:15	1.21	1.21	0.96	0.73	0.99	0.79	0.59	0.86	0.88
7/1/2010 5:30	1.20	1.19	0.95	0.71	0.98	0.77	0.56	0.83	0.86
7/1/2010 5:45	1.20	1.19	0.93	0.70	0.98	0.76	0.56	0.83	0.84
7/1/2010 6:00	1.20	1.18	0.92	0.69	0.98	0.74	0.53	0.81	0.83
7/1/2010 6:15	1.20	1.18	0.93	0.68	1.00	0.75	0.53	0.82	0.83
7/1/2010 6:30	1.20	1.18	0.93	0.67	1.00	0.73	0.52	0.81	0.82
7/1/2010 6:45	1.19	1.18	0.95	0.66	1.00	0.74	0.52	0.82	0.83
7/1/2010 7:00	1.20	1.20	0.97	0.66	1.00	0.74	0.54	0.84	0.86
7/1/2010 7:15	1.20	1.20	0.98	0.66	1.00	0.75	0.55	0.85	0.86
7/1/2010 7:30	1.20	1.21	1.00	0.67	1.01	0.77	0.58	0.88	0.89
7/1/2010 7:45	1.21	1.23	1.02	0.69	1.02	0.79	0.60	0.90	0.91
7/1/2010 8:00	1.21	1.23	1.03	0.69	1.02	0.80	0.62	0.91	0.93
7/1/2010 8:15	1.21	1.25	1.06	0.69	1.02	0.81	0.63	0.94	0.96

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
7/1/2010 8:30	1.22	1.26	1.08	0.71	1.03	0.84	0.66	0.97	0.99
7/1/2010 8:45	1.22	1.27	1.10	0.73	1.03	0.85	0.69	1.00	1.01
7/1/2010 9:00	1.22	1.29	1.13	0.74	1.03	0.88	0.72	1.03	1.05
7/1/2010 9:15	1.22	1.29	1.14	0.76	1.03	0.90	0.75	1.06	1.07
7/1/2010 9:30	1.23	1.31	1.16	0.78	1.03	0.92	0.78	1.08	1.10
7/1/2010 9:45	1.23	1.32	1.18	0.80	1.03	0.94	0.80	1.11	1.13
7/1/2010 10:00	1.22	1.31	1.16	0.81	1.02	0.95	0.82	1.12	1.13
7/1/2010 10:15	1.23	1.32	1.17	0.81	1.02	0.95	0.83	1.13	1.14
7/1/2010 10:30	1.24	1.34	1.17	0.82	1.02	0.97	0.84	1.14	1.15
7/1/2010 10:45	1.22	1.32	1.15	0.82	1.01	0.96	0.83	1.13	1.13
7/1/2010 11:00	1.23	1.33	1.16	0.83	1.01	0.97	0.85	1.14	1.15
7/1/2010 11:15	1.23	1.33	1.16	0.84	1.00	0.98	0.85	1.14	1.15
7/1/2010 11:30	1.23	1.32	1.14	0.83	1.00	0.98	0.84	1.13	1.14
7/1/2010 11:45	1.23	1.31	1.13	0.83	1.01	0.97	0.83	1.12	1.12
7/1/2010 12:00	1.23	1.30	1.11	0.83	1.00	0.96	0.82	1.10	1.11
7/1/2010 12:15	1.23	1.30	1.08	0.83	0.99	0.94	0.79	1.07	1.08
7/1/2010 12:30	1.23	1.28	1.06	0.82	1.00	0.92	0.78	1.04	1.05
7/1/2010 12:45	1.22	1.27	1.03	0.81	0.99	0.89	0.74	1.00	1.01
7/1/2010 13:00	1.23	1.26	1.02	0.80	0.99	0.88	0.72	0.99	1.00
7/1/2010 13:15	1.21	1.23	0.98	0.78	0.97	0.84	0.67	0.92	0.94
7/1/2010 13:30	1.22	1.23	0.96	0.78	0.98	0.82	0.64	0.91	0.91
7/1/2010 13:45	1.20	1.20	0.94	0.75	0.96	0.79	0.60	0.86	0.88
7/1/2010 14:00	1.19	1.18	0.90	0.74	0.96	0.76	0.56	0.82	0.84
7/1/2010 14:15	1.18	1.16	0.86	0.72	0.95	0.72	0.52	0.76	0.78
7/1/2010 14:30	1.18	1.15	0.84	0.70	0.96	0.69	0.48	0.73	0.75
7/1/2010 14:45	1.17	1.12	0.79	0.68	0.94	0.65	0.43	0.67	0.70
7/1/2010 15:00	1.15	1.09	0.76	0.65	0.93	0.60	0.37	0.62	0.64
7/1/2010 15:15	1.15	1.08	0.74	0.64	0.93	0.58	0.34	0.59	0.62
7/1/2010 15:30	1.13	1.05	0.71	0.61	0.92	0.54	0.30	0.55	0.58
7/1/2010 15:45	1.13	1.05	0.71	0.59	0.93	0.53	0.28	0.53	0.56
7/1/2010 16:00	1.11	1.02	0.66	0.54	0.92	0.49	0.23	0.48	0.50
7/1/2010 16:15	1.10	0.99	0.62	0.50	0.91	0.45	0.18	0.43	0.45
7/1/2010 16:30	1.09	0.97	0.58	0.47	0.91	0.41	0.13	0.38	0.40
7/1/2010 16:45	1.08	0.95	0.55	0.43	0.91	0.37	0.08	0.33	0.36

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
7/1/2010 17:00	1.06	0.93	0.53	0.40	0.90	0.34	0.04	0.30	0.33
7/1/2010 17:15	1.04	0.90	0.49	0.37	0.89	0.30	-0.01	0.25	0.28
7/1/2010 17:30	1.03	0.89	0.47	0.34	0.89	0.28	-0.04	0.22	0.25
7/1/2010 17:45	1.02	0.88	0.47	0.31	0.89	0.25	-0.07	0.20	0.23
7/1/2010 18:00	1.01	0.86	0.45	0.29	0.89	0.24	-0.09	0.17	0.21
7/1/2010 18:15	1.00	0.85	0.44	0.27	0.89	0.22	-0.11	0.16	0.19
7/1/2010 18:30	0.99	0.85	0.44	0.25	0.89	0.20	-0.13	0.14	0.18
7/1/2010 18:45	0.98	0.84	0.43	0.24	0.89	0.19	-0.14	0.13	0.16
7/1/2010 19:00	0.98	0.84	0.43	0.22	0.90	0.18	-0.15	0.13	0.16
7/1/2010 19:15	0.98	0.84	0.45	0.21	0.89	0.19	-0.15	0.14	0.18
7/1/2010 19:30	0.97	0.85	0.48	0.21	0.90	0.20	-0.13	0.16	0.20
7/1/2010 19:45	0.97	0.86	0.51	0.20	0.90	0.21	-0.11	0.19	0.23
7/1/2010 20:00	0.97	0.87	0.53	0.21	0.90	0.23	-0.08	0.22	0.25
7/1/2010 20:15	0.97	0.88	0.54	0.22	0.90	0.25	-0.06	0.24	0.27
7/1/2010 20:30	0.96	0.89	0.57	0.23	0.91	0.26	-0.03	0.27	0.30
7/1/2010 20:45	0.96	0.91	0.60	0.25	0.91	0.29	0.01	0.31	0.35
7/1/2010 21:00	0.96	0.93	0.64	0.27	0.91	0.32	0.05	0.36	0.39
7/1/2010 21:15	0.97	0.96	0.69	0.31	0.93	0.37	0.11	0.41	0.45
7/1/2010 21:30	0.97	0.98	0.73	0.34	0.93	0.41	0.16	0.47	0.50
7/1/2010 21:45	0.98	1.00	0.76	0.37	0.94	0.45	0.22	0.52	0.56
7/1/2010 22:00	0.99	1.03	0.79	0.41	0.96	0.49	0.27	0.58	0.60
7/1/2010 22:15	0.99	1.04	0.82	0.44	0.96	0.52	0.31	0.62	0.64
7/1/2010 22:30	1.00	1.06	0.85	0.46	0.98	0.56	0.36	0.67	0.69
7/1/2010 22:45	1.00	1.07	0.85	0.48	0.97	0.57	0.38	0.69	0.70
7/1/2010 23:00	1.01	1.08	0.88	0.50	0.98	0.61	0.42	0.73	0.74
7/1/2010 23:15	1.01	1.09	0.89	0.52	0.98	0.63	0.45	0.75	0.77
7/1/2010 23:30	1.02	1.10	0.90	0.54	0.98	0.65	0.47	0.77	0.79
7/1/2010 23:45	1.02	1.11	0.91	0.55	0.99	0.67	0.49	0.79	0.80
7/2/2010 0:00	1.02	1.11	0.91	0.57	0.99	0.68	0.51	0.81	0.82
7/2/2010 0:15	1.04	1.12	0.92	0.58	0.99	0.69	0.53	0.82	0.83
7/2/2010 0:30	1.03	1.11	0.91	0.58	0.99	0.69	0.52	0.81	0.82
7/2/2010 0:45	1.03	1.11	0.89	0.59	0.99	0.69	0.52	0.81	0.81
7/2/2010 1:00	1.04	1.11	0.90	0.60	0.99	0.69	0.53	0.81	0.82
7/2/2010 1:15	1.04	1.11	0.88	0.60	0.99	0.68	0.51	0.80	0.80

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
7/2/2010 1:30	1.05	1.11	0.88	0.60	1.00	0.68	0.51	0.79	0.80
7/2/2010 1:45	1.05	1.10	0.87	0.59	1.00	0.67	0.49	0.77	0.78
7/2/2010 2:00	1.05	1.09	0.85	0.58	1.00	0.66	0.48	0.76	0.76
7/2/2010 2:15	1.06	1.09	0.84	0.59	1.01	0.65	0.47	0.74	0.75
7/2/2010 2:30	1.06	1.08	0.83	0.58	1.01	0.64	0.45	0.73	0.73
7/2/2010 2:45	1.06	1.07	0.81	0.57	1.01	0.62	0.43	0.70	0.71
7/2/2010 3:00	1.06	1.07	0.78	0.55	1.02	0.61	0.41	0.68	0.69
7/2/2010 3:15	1.06	1.05	0.75	0.54	1.02	0.58	0.37	0.64	0.65
7/2/2010 3:30	1.05	1.03	0.72	0.52	1.01	0.55	0.33	0.60	0.61
7/2/2010 3:45	1.06	1.01	0.70	0.51	1.02	0.53	0.31	0.57	0.58
7/2/2010 4:00	1.04	1.00	0.68	0.48	1.01	0.50	0.27	0.54	0.55
7/2/2010 4:15	1.04	0.99	0.67	0.46	1.01	0.48	0.24	0.51	0.52
7/2/2010 4:30	1.04	0.98	0.66	0.45	1.02	0.47	0.23	0.50	0.52
7/2/2010 4:45	1.04	0.97	0.65	0.43	1.02	0.45	0.21	0.48	0.49
7/2/2010 5:00	1.04	0.96	0.63	0.41	1.02	0.43	0.18	0.46	0.47
7/2/2010 5:15	1.03	0.95	0.61	0.40	1.02	0.41	0.16	0.43	0.44
7/2/2010 5:30	1.03	0.94	0.60	0.38	1.01	0.40	0.14	0.41	0.43
7/2/2010 5:45	1.02	0.93	0.58	0.36	1.00	0.37	0.11	0.39	0.40
7/2/2010 6:00	1.03	0.94	0.61	0.35	1.02	0.38	0.12	0.40	0.41
7/2/2010 6:15	1.02	0.93	0.60	0.34	1.02	0.37	0.10	0.39	0.41
7/2/2010 6:30	1.03	0.94	0.62	0.33	1.02	0.38	0.11	0.40	0.42
7/2/2010 6:45	1.02	0.94	0.64	0.33	1.03	0.38	0.12	0.41	0.43
7/2/2010 7:00	1.03	0.96	0.65	0.34	1.04	0.40	0.14	0.44	0.45
7/2/2010 7:15	1.03	0.97	0.67	0.34	1.04	0.41	0.16	0.46	0.47
7/2/2010 7:30	1.03	0.98	0.69	0.35	1.04	0.42	0.17	0.48	0.49
7/2/2010 7:45	1.03	0.98	0.70	0.35	1.04	0.43	0.20	0.50	0.51
7/2/2010 8:00	1.04	1.01	0.74	0.37	1.05	0.47	0.23	0.54	0.55
7/2/2010 8:15	1.03	1.01	0.76	0.38	1.04	0.48	0.26	0.57	0.58
7/2/2010 8:30	1.04	1.03	0.78	0.41	1.05	0.51	0.30	0.61	0.62
7/2/2010 8:45	1.03	1.04	0.81	0.42	1.05	0.53	0.32	0.63	0.64
7/2/2010 9:00	1.04	1.06	0.82	0.45	1.06	0.56	0.36	0.67	0.68
7/2/2010 9:15	1.04	1.07	0.84	0.48	1.06	0.58	0.38	0.69	0.70
7/2/2010 9:30	1.03	1.07	0.86	0.48	1.05	0.60	0.40	0.71	0.73
7/2/2010 9:45	1.04	1.09	0.90	0.50	1.05	0.63	0.44	0.76	0.77

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
7/2/2010 10:00	1.05	1.12	0.93	0.54	1.06	0.67	0.49	0.82	0.83
7/2/2010 10:15	1.06	1.15	0.97	0.57	1.07	0.71	0.54	0.86	0.87
7/2/2010 10:30	1.06	1.17	0.99	0.59	1.07	0.74	0.58	0.90	0.91
7/2/2010 10:45	1.07	1.18	1.01	0.62	1.07	0.77	0.62	0.93	0.94
7/2/2010 11:00	1.08	1.19	1.02	0.64	1.07	0.79	0.65	0.95	0.96
7/2/2010 11:15	1.07	1.19	1.01	0.65	1.06	0.79	0.66	0.96	0.96
7/2/2010 11:30	1.07	1.19	1.01	0.64	1.05	0.79	0.66	0.95	0.96
7/2/2010 11:45	1.08	1.20	1.03	0.67	1.06	0.81	0.68	0.98	0.98
7/2/2010 12:00	1.08	1.20	1.02	0.67	1.06	0.82	0.69	0.98	0.98
7/2/2010 12:15	1.09	1.20	1.02	0.68	1.06	0.82	0.69	0.98	0.98
7/2/2010 12:30	1.08	1.20	1.01	0.67	1.05	0.81	0.68	0.97	0.98
7/2/2010 12:45	1.09	1.19	0.99	0.67	1.05	0.81	0.67	0.96	0.96
7/2/2010 13:00	1.08	1.17	0.96	0.67	1.04	0.79	0.65	0.93	0.93
7/2/2010 13:15	1.09	1.17	0.95	0.67	1.03	0.78	0.63	0.92	0.92
7/2/2010 13:30	1.08	1.16	0.91	0.65	1.02	0.75	0.61	0.88	0.88
7/2/2010 13:45	1.08	1.15	0.89	0.65	1.02	0.74	0.58	0.85	0.86
7/2/2010 14:00	1.07	1.13	0.87	0.64	1.01	0.71	0.55	0.82	0.82
7/2/2010 14:15	1.07	1.12	0.85	0.63	1.00	0.69	0.52	0.79	0.79
7/2/2010 14:30	1.05	1.09	0.81	0.61	0.99	0.65	0.48	0.75	0.75
7/2/2010 14:45	1.05	1.07	0.78	0.60	0.99	0.62	0.44	0.70	0.71
7/2/2010 15:00	1.04	1.05	0.75	0.58	0.98	0.59	0.39	0.66	0.66
7/2/2010 15:15	1.03	1.03	0.72	0.57	0.97	0.56	0.36	0.62	0.63
7/2/2010 15:30	1.02	1.01	0.68	0.55	0.97	0.53	0.32	0.58	0.58
7/2/2010 15:45	1.00	0.99	0.66	0.53	0.97	0.50	0.27	0.54	0.55
7/2/2010 16:00	1.00	0.98	0.64	0.51	0.97	0.48	0.24	0.51	0.52
7/2/2010 16:15	0.99	0.96	0.62	0.49	0.96	0.45	0.21	0.48	0.49
7/2/2010 16:30	0.97	0.95	0.58	0.48	0.95	0.42	0.17	0.44	0.45
7/2/2010 16:45	0.96	0.93	0.56	0.46	0.95	0.39	0.14	0.41	0.42
7/2/2010 17:00	0.95	0.92	0.53	0.44	0.94	0.36	0.10	0.37	0.38
7/2/2010 17:15	0.94	0.89	0.50	0.42	0.93	0.32	0.05	0.31	0.33
7/2/2010 17:30	0.93	0.87	0.48	0.40	0.93	0.30	0.02	0.27	0.29
7/2/2010 17:45	0.93	0.86	0.46	0.38	0.93	0.27	-0.02	0.24	0.27
7/2/2010 18:00	0.91	0.84	0.45	0.36	0.91	0.24	-0.05	0.21	0.24
7/2/2010 18:15	0.92	0.84	0.45	0.34	0.93	0.24	-0.06	0.21	0.24

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
7/2/2010 18:30	0.90	0.83	0.43	0.32	0.91	0.21	-0.08	0.18	0.21
7/2/2010 18:45	0.89	0.83	0.44	0.30	0.92	0.20	-0.09	0.18	0.21
7/2/2010 19:00	0.89	0.83	0.44	0.29	0.91	0.20	-0.10	0.18	0.21
7/2/2010 19:15	0.89	0.82	0.44	0.27	0.91	0.20	-0.10	0.18	0.21
7/2/2010 19:30	0.89	0.83	0.45	0.25	0.92	0.20	-0.09	0.19	0.22
7/2/2010 19:45	0.88	0.83	0.46	0.22	0.91	0.19	-0.09	0.19	0.23
7/2/2010 20:00	0.89	0.85	0.50	0.22	0.92	0.22	-0.06	0.23	0.27
7/2/2010 20:15	0.88	0.85	0.52	0.21	0.91	0.23	-0.04	0.26	0.29
7/2/2010 20:30	0.88	0.87	0.55	0.23	0.92	0.27	0.00	0.30	0.33
7/2/2010 20:45	0.88	0.89	0.59	0.25	0.93	0.29	0.04	0.34	0.37
7/2/2010 21:00	0.88	0.91	0.62	0.27	0.93	0.33	0.08	0.39	0.41
7/2/2010 21:15	0.88	0.93	0.66	0.29	0.93	0.36	0.12	0.43	0.46
7/2/2010 21:30	0.88	0.95	0.70	0.32	0.94	0.39	0.18	0.48	0.51
7/2/2010 21:45	0.89	0.98	0.75	0.36	0.95	0.45	0.24	0.55	0.58
7/2/2010 22:00	0.91	1.01	0.79	0.40	0.97	0.50	0.30	0.63	0.64
7/2/2010 22:15	0.90	1.03	0.83	0.42	0.96	0.53	0.35	0.66	0.69
7/2/2010 22:30	0.90	1.04	0.86	0.46	0.95	0.56	0.39	0.71	0.73
7/2/2010 22:45	0.93	1.09	0.91	0.50	0.98	0.63	0.47	0.79	0.81
7/2/2010 23:00	0.93	1.11	0.94	0.53	0.97	0.66	0.51	0.83	0.85
7/2/2010 23:15	0.91	1.10	0.95	0.55	0.96	0.68	0.54	0.85	0.87
7/2/2010 23:30	0.94	1.14	1.00	0.59	0.98	0.74	0.61	0.92	0.94
7/2/2010 23:45	0.95	1.17	1.03	0.62	0.98	0.78	0.66	0.97	0.99
7/3/2010 0:00	0.96	1.19	1.06	0.66	0.98	0.81	0.71	1.01	1.03
7/3/2010 0:15	0.96	1.20	1.07	0.69	0.98	0.84	0.74	1.04	1.06
7/3/2010 0:30	0.98	1.22	1.10	0.71	0.99	0.87	0.78	1.08	1.10
7/3/2010 0:45	0.99	1.23	1.11	0.73	0.99	0.90	0.81	1.11	1.12
7/3/2010 1:00	1.00	1.25	1.12	0.76	1.00	0.92	0.84	1.13	1.14
7/3/2010 1:15	1.01	1.26	1.13	0.77	1.00	0.94	0.86	1.15	1.17
7/3/2010 1:30	1.02	1.26	1.14	0.79	1.00	0.96	0.88	1.17	1.18
7/3/2010 1:45	1.03	1.27	1.14	0.80	1.00	0.97	0.89	1.18	1.19
7/3/2010 2:00	1.04	1.27	1.14	0.81	1.00	0.98	0.90	1.18	1.19
7/3/2010 2:15	1.04	1.27	1.13	0.82	1.00	0.98	0.90	1.18	1.18
7/3/2010 2:30	1.05	1.27	1.12	0.82	1.00	0.98	0.89	1.17	1.18
7/3/2010 2:45	1.06	1.27	1.11	0.82	1.00	0.97	0.89	1.16	1.17

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
7/3/2010 3:00	1.06	1.27	1.11	0.82	1.00	0.97	0.88	1.16	1.16
7/3/2010 3:15	1.07	1.26	1.10	0.82	1.00	0.97	0.87	1.15	1.16
7/3/2010 3:30	1.07	1.26	1.09	0.82	1.00	0.96	0.87	1.14	1.15
7/3/2010 3:45	1.07	1.26	1.08	0.82	1.00	0.96	0.85	1.13	1.14
7/3/2010 4:00	1.08	1.25	1.07	0.82	1.00	0.94	0.84	1.11	1.12
7/3/2010 4:15	1.08	1.25	1.06	0.81	1.00	0.93	0.82	1.09	1.10
7/3/2010 4:30	1.10	1.25	1.05	0.81	1.01	0.93	0.82	1.10	1.10
7/3/2010 4:45	1.10	1.24	1.03	0.80	1.01	0.92	0.80	1.08	1.07
7/3/2010 5:00	1.10	1.24	1.02	0.80	1.01	0.91	0.78	1.06	1.06
7/3/2010 5:15	1.10	1.23	1.02	0.79	1.01	0.90	0.77	1.05	1.05
7/3/2010 5:30	1.11	1.23	1.03	0.78	1.02	0.90	0.76	1.05	1.05
7/3/2010 5:45	1.12	1.24	1.03	0.77	1.02	0.90	0.76	1.05	1.05
7/3/2010 6:00	1.13	1.25	1.05	0.78	1.02	0.90	0.77	1.06	1.07
7/3/2010 6:15	1.13	1.25	1.06	0.78	1.02	0.91	0.78	1.07	1.07
7/3/2010 6:30	1.14	1.25	1.06	0.78	1.02	0.90	0.78	1.07	1.08
7/3/2010 6:45	1.14	1.25	1.06	0.78	1.03	0.90	0.78	1.07	1.07
7/3/2010 7:00	1.14	1.25	1.06	0.78	1.02	0.90	0.78	1.07	1.07
7/3/2010 7:15	1.15	1.26	1.07	0.78	1.03	0.91	0.79	1.07	1.08
7/3/2010 7:30	1.15	1.26	1.08	0.78	1.03	0.91	0.79	1.08	1.09
7/3/2010 7:45	1.16	1.27	1.10	0.78	1.03	0.93	0.80	1.10	1.11
7/3/2010 8:00	1.16	1.29	1.13	0.78	1.04	0.94	0.82	1.13	1.13
7/3/2010 8:15	1.17	1.31	1.16	0.81	1.05	0.98	0.86	1.17	1.17
7/3/2010 8:30	1.18	1.33	1.18	0.82	1.05	0.99	0.89	1.20	1.20
7/3/2010 8:45	1.17	1.33	1.19	0.83	1.04	1.00	0.90	1.21	1.21
7/3/2010 9:00	1.18	1.34	1.19	0.85	1.04	1.02	0.92	1.23	1.23
7/3/2010 9:15	1.19	1.35	1.21	0.86	1.04	1.03	0.94	1.24	1.24
7/3/2010 9:30	1.18	1.35	1.21	0.87	1.03	1.04	0.95	1.26	1.26
7/3/2010 9:45	1.17	1.35	1.22	0.87	1.03	1.06	0.96	1.27	1.28
7/3/2010 10:00	1.18	1.37	1.25	0.88	1.03	1.08	0.99	1.31	1.31
7/3/2010 10:15	1.17	1.39	1.27	0.91	1.02	1.10	1.02	1.33	1.33
7/3/2010 10:30	1.18	1.40	1.29	0.94	1.03	1.13	1.05	1.36	1.36
7/3/2010 10:45	1.19	1.42	1.30	0.95	1.03	1.14	1.08	1.39	1.39
7/3/2010 11:00	1.18	1.41	1.31	0.96	1.02	1.15	1.09	1.38	1.39
7/3/2010 11:15	1.18	1.42	1.32	0.97	1.02	1.17	1.11	1.40	1.41

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
7/3/2010 11:30	1.18	1.42	1.32	0.98	1.01	1.17	1.11	1.40	1.41
7/3/2010 11:45	1.19	1.42	1.32	0.99	1.01	1.18	1.12	1.41	1.42
7/3/2010 12:00	1.18	1.42	1.32	0.99	0.99	1.18	1.13	1.42	1.43
7/3/2010 12:15	1.20	1.44	1.33	1.01	1.00	1.20	1.15	1.44	1.44
7/3/2010 12:30	1.19	1.42	1.31	1.01	0.98	1.19	1.13	1.42	1.43
7/3/2010 12:45	1.19	1.43	1.30	1.01	0.98	1.19	1.13	1.41	1.42
7/3/2010 13:00	1.18	1.41	1.28	1.00	0.97	1.17	1.10	1.38	1.39
7/3/2010 13:15	1.19	1.40	1.26	1.00	0.97	1.16	1.09	1.37	1.37
7/3/2010 13:30	1.18	1.40	1.24	0.99	0.95	1.14	1.06	1.34	1.34
7/3/2010 13:45	1.19	1.39	1.23	0.99	0.96	1.13	1.05	1.32	1.32
7/3/2010 14:00	1.19	1.38	1.20	0.97	0.95	1.11	1.02	1.29	1.30
7/3/2010 14:15	1.17	1.36	1.17	0.96	0.93	1.07	0.97	1.25	1.25
7/3/2010 14:30	1.17	1.34	1.14	0.95	0.93	1.05	0.95	1.22	1.22
7/3/2010 14:45	1.17	1.33	1.12	0.93	0.92	1.03	0.91	1.18	1.19
7/3/2010 15:00	1.17	1.31	1.09	0.92	0.92	1.00	0.88	1.15	1.15
7/3/2010 15:15	1.15	1.27	1.05	0.90	0.90	0.95	0.82	1.08	1.09
7/3/2010 15:30	1.15	1.26	1.03	0.89	0.89	0.92	0.78	1.05	1.06
7/3/2010 15:45	1.15	1.25	1.01	0.88	0.89	0.89	0.75	1.01	1.02
7/3/2010 16:00	1.13	1.22	0.96	0.85	0.87	0.85	0.69	0.96	0.97
7/3/2010 16:15	1.14	1.22	0.94	0.85	0.88	0.82	0.67	0.93	0.94
7/3/2010 16:30	1.14	1.20	0.91	0.83	0.87	0.79	0.63	0.89	0.90
7/3/2010 16:45	1.12	1.18	0.87	0.81	0.86	0.75	0.57	0.83	0.84
7/3/2010 17:00	1.11	1.15	0.83	0.79	0.85	0.70	0.52	0.78	0.78
7/3/2010 17:15	1.10	1.13	0.81	0.77	0.84	0.67	0.48	0.74	0.74
7/3/2010 17:30	1.10	1.11	0.79	0.76	0.84	0.64	0.44	0.70	0.71
7/3/2010 17:45	1.09	1.10	0.76	0.73	0.84	0.61	0.40	0.67	0.67
7/3/2010 18:00	1.08	1.07	0.73	0.71	0.83	0.57	0.35	0.61	0.62
7/3/2010 18:15	1.07	1.05	0.71	0.69	0.83	0.54	0.31	0.58	0.58
7/3/2010 18:30	1.06	1.03	0.68	0.64	0.82	0.51	0.27	0.54	0.55
7/3/2010 18:45	1.06	1.02	0.66	0.60	0.83	0.49	0.25	0.51	0.52
7/3/2010 19:00	1.05	1.01	0.65	0.57	0.83	0.47	0.22	0.49	0.50
7/3/2010 19:15	1.04	0.99	0.64	0.54	0.82	0.44	0.18	0.46	0.47
7/3/2010 19:30	1.03	0.98	0.63	0.50	0.82	0.42	0.16	0.44	0.45
7/3/2010 19:45	1.02	0.98	0.64	0.49	0.82	0.41	0.15	0.44	0.45

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
7/3/2010 20:00	1.01	0.98	0.64	0.48	0.82	0.40	0.15	0.44	0.45
7/3/2010 20:15	1.01	0.98	0.65	0.47	0.82	0.40	0.15	0.44	0.46
7/3/2010 20:30	1.00	0.99	0.67	0.46	0.82	0.41	0.16	0.46	0.48
7/3/2010 20:45	1.00	0.99	0.69	0.46	0.82	0.42	0.18	0.48	0.50
7/3/2010 21:00	0.99	1.00	0.71	0.46	0.82	0.44	0.20	0.50	0.52
7/3/2010 21:15	0.99	1.01	0.74	0.46	0.83	0.46	0.23	0.53	0.55
7/3/2010 21:30	0.98	1.03	0.76	0.47	0.83	0.48	0.26	0.57	0.59
7/3/2010 21:45	0.99	1.06	0.80	0.48	0.84	0.52	0.31	0.62	0.64
7/3/2010 22:00	0.99	1.07	0.84	0.48	0.85	0.55	0.36	0.67	0.69
7/3/2010 22:15	0.99	1.10	0.89	0.54	0.85	0.60	0.41	0.73	0.75
7/3/2010 22:30	1.00	1.12	0.93	0.57	0.85	0.64	0.47	0.79	0.81
7/3/2010 22:45	1.00	1.15	0.97	0.60	0.86	0.68	0.53	0.85	0.86
7/3/2010 23:00	1.00	1.16	1.01	0.63	0.85	0.71	0.57	0.89	0.91
7/3/2010 23:15	1.01	1.19	1.04	0.67	0.86	0.76	0.64	0.96	0.97
7/3/2010 23:30	1.02	1.22	1.07	0.71	0.87	0.80	0.69	1.01	1.02
7/3/2010 23:45	1.03	1.24	1.10	0.75	0.87	0.85	0.74	1.06	1.07
7/4/2010 0:00	1.04	1.27	1.14	0.78	0.89	0.89	0.79	1.11	1.13
7/4/2010 0:15	1.05	1.28	1.16	0.80	0.89	0.93	0.84	1.15	1.17
7/4/2010 0:30	1.06	1.30	1.19	0.83	0.89	0.96	0.88	1.19	1.20
7/4/2010 0:45	1.07	1.31	1.20	0.86	0.89	0.98	0.91	1.22	1.23
7/4/2010 1:00	1.08	1.33	1.21	0.88	0.90	1.01	0.94	1.24	1.26
7/4/2010 1:15	1.08	1.33	1.21	0.90	0.89	1.02	0.95	1.26	1.26
7/4/2010 1:30	1.09	1.34	1.22	0.92	0.89	1.04	0.97	1.27	1.27
7/4/2010 1:45	1.10	1.35	1.23	0.93	0.89	1.05	0.99	1.29	1.29
7/4/2010 2:00	1.11	1.36	1.23	0.95	0.89	1.07	1.00	1.30	1.30
7/4/2010 2:15	1.11	1.36	1.23	0.96	0.89	1.07	1.01	1.31	1.30
7/4/2010 2:30	1.12	1.36	1.21	0.96	0.89	1.07	1.01	1.30	1.30
7/4/2010 2:45	1.13	1.35	1.20	0.96	0.89	1.07	1.00	1.29	1.28
7/4/2010 3:00	1.12	1.34	1.20	0.95	0.88	1.06	0.98	1.27	1.27
7/4/2010 3:15	1.13	1.34	1.19	0.95	0.88	1.05	0.98	1.27	1.26
7/4/2010 3:30	1.13	1.34	1.19	0.94	0.88	1.05	0.97	1.26	1.25
7/4/2010 3:45	1.13	1.34	1.17	0.94	0.88	1.04	0.96	1.24	1.24
7/4/2010 4:00	1.13	1.33	1.15	0.93	0.88	1.03	0.94	1.22	1.22
7/4/2010 4:15	1.14	1.31	1.13	0.92	0.88	1.01	0.92	1.20	1.19

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
7/4/2010 4:30	1.14	1.30	1.12	0.91	0.88	1.00	0.90	1.18	1.18
7/4/2010 4:45	1.14	1.30	1.11	0.90	0.88	0.98	0.88	1.16	1.16
7/4/2010 5:00	1.14	1.29	1.10	0.89	0.88	0.97	0.86	1.14	1.14
7/4/2010 5:15	1.15	1.30	1.09	0.89	0.89	0.97	0.86	1.13	1.13
7/4/2010 5:30	1.15	1.29	1.07	0.88	0.89	0.95	0.83	1.11	1.11
7/4/2010 5:45	1.15	1.28	1.06	0.86	0.89	0.94	0.81	1.09	1.09
7/4/2010 6:00	1.16	1.27	1.05	0.85	0.89	0.92	0.80	1.07	1.07
7/4/2010 6:15	1.15	1.26	1.03	0.84	0.89	0.90	0.77	1.05	1.05
7/4/2010 6:30	1.14	1.25	1.03	0.82	0.87	0.88	0.74	1.02	1.03
7/4/2010 6:45	1.15	1.25	1.01	0.81	0.88	0.87	0.74	1.02	1.02
7/4/2010 7:00	1.15	1.25	1.00	0.81	0.88	0.86	0.72	1.00	1.00
7/4/2010 7:15	1.15	1.24	1.00	0.79	0.88	0.85	0.70	0.99	0.99
7/4/2010 7:30	1.16	1.25	1.00	0.78	0.89	0.85	0.70	0.99	1.00
7/4/2010 7:45	1.15	1.23	0.99	0.78	0.88	0.83	0.68	0.97	0.97
7/4/2010 8:00	1.15	1.24	1.00	0.77	0.88	0.83	0.68	0.97	0.98
7/4/2010 8:15	1.14	1.23	1.01	0.76	0.87	0.82	0.67	0.97	0.97
7/4/2010 8:30	1.15	1.24	1.02	0.78	0.88	0.84	0.69	0.98	0.99
7/4/2010 8:45	1.15	1.24	1.02	0.78	0.88	0.84	0.70	0.99	0.99
7/4/2010 9:00	1.15	1.25	1.03	0.78	0.88	0.84	0.70	0.99	1.00
7/4/2010 9:15	1.14	1.24	1.03	0.78	0.86	0.83	0.69	0.99	0.99
7/4/2010 9:30	1.13	1.24	1.03	0.78	0.86	0.84	0.70	1.00	1.00
7/4/2010 9:45	1.13	1.24	1.03	0.77	0.85	0.84	0.70	1.00	1.00
7/4/2010 10:00	1.12	1.24	1.05	0.79	0.85	0.85	0.72	1.01	1.02
7/4/2010 10:15	1.13	1.25	1.05	0.79	0.85	0.85	0.73	1.02	1.02
7/4/2010 10:30	1.13	1.26	1.07	0.80	0.85	0.87	0.74	1.04	1.05
7/4/2010 10:45	1.13	1.26	1.09	0.81	0.85	0.88	0.76	1.06	1.06
7/4/2010 11:00	1.14	1.28	1.11	0.83	0.86	0.90	0.79	1.09	1.09
7/4/2010 11:15	1.13	1.29	1.12	0.84	0.85	0.91	0.80	1.11	1.11
7/4/2010 11:30	1.14	1.30	1.13	0.85	0.85	0.93	0.82	1.12	1.13
7/4/2010 11:45	1.14	1.30	1.14	0.86	0.85	0.94	0.84	1.14	1.14
7/4/2010 12:00	1.14	1.31	1.14	0.88	0.84	0.95	0.85	1.15	1.15
7/4/2010 12:15	1.14	1.31	1.14	0.88	0.84	0.95	0.86	1.15	1.15
7/4/2010 12:30	1.13	1.31	1.15	0.88	0.83	0.95	0.85	1.15	1.15
7/4/2010 12:45	1.12	1.30	1.14	0.87	0.83	0.94	0.85	1.14	1.14

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
7/4/2010 13:00	1.14	1.31	1.14	0.89	0.83	0.96	0.86	1.15	1.15
7/4/2010 13:15	1.14	1.31	1.14	0.89	0.82	0.96	0.86	1.15	1.15
7/4/2010 13:30	1.13	1.30	1.12	0.87	0.82	0.95	0.85	1.13	1.13
7/4/2010 13:45	1.13	1.30	1.12	0.87	0.82	0.94	0.84	1.13	1.13
7/4/2010 14:00	1.12	1.28	1.10	0.86	0.81	0.92	0.82	1.11	1.11
7/4/2010 14:15	1.12	1.27	1.08	0.86	0.81	0.91	0.81	1.09	1.09
7/4/2010 14:30	1.12	1.26	1.05	0.85	0.80	0.89	0.78	1.06	1.05
7/4/2010 14:45	1.12	1.24	1.02	0.82	0.79	0.86	0.74	1.00	1.01
7/4/2010 15:00	1.10	1.23	0.98	0.80	0.78	0.83	0.69	0.96	0.97
7/4/2010 15:15	1.10	1.21	0.96	0.78	0.77	0.80	0.66	0.93	0.94
7/4/2010 15:30	1.09	1.19	0.93	0.75	0.76	0.77	0.61	0.88	0.89
7/4/2010 15:45	1.09	1.17	0.91	0.72	0.76	0.74	0.58	0.84	0.86
7/4/2010 16:00	1.08	1.15	0.88	0.70	0.76	0.71	0.54	0.81	0.82
7/4/2010 16:15	1.07	1.13	0.84	0.68	0.74	0.67	0.49	0.76	0.77
7/4/2010 16:30	1.06	1.11	0.82	0.65	0.74	0.64	0.45	0.72	0.73
7/4/2010 16:45	1.05	1.08	0.78	0.62	0.73	0.60	0.40	0.67	0.69
7/4/2010 17:00	1.05	1.07	0.76	0.59	0.72	0.57	0.37	0.63	0.65
7/4/2010 17:15	1.03	1.04	0.72	0.57	0.71	0.53	0.32	0.58	0.60
7/4/2010 17:30	1.02	1.02	0.69	0.54	0.71	0.50	0.28	0.54	0.56
7/4/2010 17:45	1.01	1.00	0.67	0.51	0.71	0.46	0.24	0.51	0.52
7/4/2010 18:00	1.00	0.99	0.64	0.49	0.71	0.43	0.20	0.47	0.49
7/4/2010 18:15	0.99	0.96	0.62	0.45	0.70	0.39	0.15	0.42	0.44
7/4/2010 18:30	0.97	0.94	0.59	0.43	0.69	0.36	0.12	0.38	0.40
7/4/2010 18:45	0.97	0.93	0.58	0.40	0.69	0.34	0.08	0.36	0.38
7/4/2010 19:00	0.96	0.92	0.57	0.39	0.69	0.32	0.06	0.33	0.36
7/4/2010 19:15	0.95	0.91	0.55	0.36	0.69	0.30	0.03	0.31	0.33
7/4/2010 19:30	0.95	0.90	0.54	0.35	0.70	0.29	0.02	0.30	0.32
7/4/2010 19:45	0.93	0.88	0.52	0.33	0.69	0.26	-0.01	0.26	0.29
7/4/2010 20:00	0.93	0.88	0.52	0.32	0.70	0.25	-0.02	0.26	0.29
7/4/2010 20:15	0.91	0.87	0.53	0.30	0.69	0.24	-0.04	0.25	0.28
7/4/2010 20:30	0.91	0.87	0.54	0.30	0.69	0.24	-0.03	0.26	0.29
7/4/2010 20:45	0.91	0.89	0.56	0.31	0.70	0.25	-0.01	0.28	0.32
7/4/2010 21:00	0.91	0.90	0.59	0.32	0.71	0.28	0.02	0.32	0.35
7/4/2010 21:15	0.91	0.92	0.62	0.33	0.71	0.30	0.05	0.35	0.39

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
7/4/2010 21:30	0.90	0.93	0.64	0.35	0.71	0.32	0.08	0.38	0.41
7/4/2010 21:45	0.91	0.94	0.66	0.37	0.73	0.35	0.11	0.42	0.45
7/4/2010 22:00	0.90	0.95	0.69	0.39	0.73	0.37	0.15	0.45	0.48
7/4/2010 22:15	0.90	0.97	0.72	0.42	0.73	0.40	0.18	0.49	0.52
7/4/2010 22:30	0.91	1.00	0.76	0.44	0.75	0.44	0.23	0.55	0.58
7/4/2010 22:45	0.91	1.02	0.81	0.47	0.75	0.48	0.28	0.60	0.63
7/4/2010 23:00	0.92	1.06	0.85	0.51	0.77	0.53	0.35	0.67	0.70
7/4/2010 23:15	0.93	1.08	0.89	0.54	0.77	0.57	0.41	0.73	0.76
7/4/2010 23:30	0.93	1.10	0.93	0.58	0.77	0.62	0.47	0.79	0.81
7/4/2010 23:45	0.94	1.13	0.96	0.62	0.78	0.66	0.52	0.84	0.86
7/5/2010 0:00	0.94	1.14	0.99	0.64	0.77	0.69	0.56	0.88	0.90
7/5/2010 0:15	0.95	1.17	1.02	0.68	0.78	0.74	0.62	0.94	0.96
7/5/2010 0:30	0.96	1.19	1.06	0.72	0.79	0.78	0.67	0.99	1.01
7/5/2010 0:45	0.98	1.22	1.12	0.75	0.80	0.83	0.75	1.06	1.08
7/5/2010 1:00	0.99	1.25	1.15	0.79	0.81	0.87	0.80	1.11	1.13
7/5/2010 1:15	0.99	1.26	1.16	0.82	0.80	0.90	0.83	1.14	1.16
7/5/2010 1:30	1.01	1.28	1.18	0.85	0.80	0.94	0.87	1.18	1.19
7/5/2010 1:45	1.01	1.29	1.19	0.88	0.80	0.96	0.90	1.21	1.22
7/5/2010 2:00	1.02	1.31	1.22	0.90	0.81	0.99	0.94	1.25	1.26
7/5/2010 2:15	1.02	1.32	1.24	0.92	0.80	1.01	0.96	1.27	1.28
7/5/2010 2:30	1.03	1.33	1.24	0.94	0.80	1.03	0.98	1.29	1.29
7/5/2010 2:45	1.04	1.34	1.24	0.95	0.80	1.05	1.00	1.30	1.30
7/5/2010 3:00	1.05	1.34	1.24	0.96	0.80	1.05	1.01	1.30	1.31
7/5/2010 3:15	1.06	1.34	1.24	0.97	0.80	1.06	1.01	1.30	1.31
7/5/2010 3:30	1.07	1.34	1.23	0.98	0.80	1.06	1.01	1.30	1.31
7/5/2010 3:45	1.06	1.33	1.21	0.98	0.79	1.05	1.00	1.29	1.29
7/5/2010 4:00	1.08	1.35	1.22	0.98	0.80	1.06	1.00	1.30	1.30
7/5/2010 4:15	1.09	1.34	1.21	0.98	0.81	1.06	1.00	1.28	1.29
7/5/2010 4:30	1.09	1.33	1.18	0.97	0.80	1.04	0.98	1.26	1.26
7/5/2010 4:45	1.09	1.32	1.17	0.96	0.80	1.03	0.96	1.24	1.24
7/5/2010 5:00	1.10	1.31	1.14	0.95	0.80	1.01	0.93	1.21	1.21
7/5/2010 5:15	1.11	1.30	1.13	0.94	0.81	1.00	0.91	1.19	1.20
7/5/2010 5:30	1.10	1.29	1.11	0.92	0.80	0.98	0.88	1.16	1.16
7/5/2010 5:45	1.12	1.29	1.09	0.92	0.81	0.97	0.87	1.14	1.15

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
7/5/2010 6:00	1.11	1.28	1.07	0.90	0.81	0.95	0.84	1.11	1.12
7/5/2010 6:15	1.12	1.26	1.05	0.88	0.82	0.93	0.83	1.09	1.09
7/5/2010 6:30	1.12	1.26	1.04	0.86	0.82	0.91	0.80	1.06	1.07
7/5/2010 6:45	1.13	1.25	1.03	0.85	0.83	0.90	0.78	1.05	1.05
7/5/2010 7:00	1.12	1.23	1.00	0.82	0.81	0.86	0.74	1.00	1.01
7/5/2010 7:15	1.13	1.23	0.99	0.81	0.82	0.85	0.72	0.99	0.99
7/5/2010 7:30	1.13	1.22	0.97	0.80	0.82	0.83	0.69	0.96	0.96
7/5/2010 7:45	1.14	1.22	0.97	0.78	0.83	0.82	0.67	0.94	0.95
7/5/2010 8:00	1.13	1.19	0.94	0.76	0.81	0.78	0.64	0.91	0.91
7/5/2010 8:15	1.12	1.18	0.92	0.75	0.81	0.76	0.61	0.88	0.89
7/5/2010 8:30	1.13	1.18	0.92	0.73	0.82	0.76	0.60	0.88	0.88
7/5/2010 8:45	1.13	1.18	0.91	0.71	0.82	0.74	0.58	0.86	0.86
7/5/2010 9:00	1.12	1.17	0.90	0.70	0.82	0.72	0.56	0.84	0.84
7/5/2010 9:15	1.12	1.16	0.90	0.69	0.82	0.71	0.55	0.83	0.83
7/5/2010 9:30	1.12	1.16	0.89	0.68	0.82	0.70	0.53	0.81	0.82
7/5/2010 9:45	1.10	1.14	0.88	0.67	0.80	0.69	0.51	0.79	0.80
7/5/2010 10:00	1.10	1.14	0.88	0.67	0.80	0.68	0.51	0.79	0.80
7/5/2010 10:15	1.11	1.15	0.90	0.66	0.81	0.69	0.52	0.80	0.81
7/5/2010 10:30	1.10	1.15	0.90	0.66	0.81	0.69	0.52	0.80	0.81
7/5/2010 10:45	1.09	1.14	0.89	0.66	0.80	0.68	0.51	0.80	0.81
7/5/2010 11:00	1.10	1.16	0.92	0.66	0.81	0.69	0.53	0.82	0.83
7/5/2010 11:15	1.09	1.15	0.90	0.66	0.80	0.68	0.52	0.81	0.82
7/5/2010 11:30	1.07	1.13	0.90	0.65	0.79	0.67	0.51	0.79	0.81
7/5/2010 11:45	1.08	1.15	0.91	0.67	0.80	0.69	0.52	0.81	0.82
7/5/2010 12:00	1.08	1.15	0.91	0.67	0.80	0.69	0.53	0.82	0.83
7/5/2010 12:15	1.07	1.14	0.91	0.66	0.79	0.68	0.52	0.81	0.82
7/5/2010 12:30	1.07	1.15	0.92	0.66	0.79	0.69	0.53	0.82	0.84
7/5/2010 12:45	1.06	1.16	0.92	0.67	0.77	0.69	0.53	0.82	0.84
7/5/2010 13:00	1.06	1.15	0.92	0.67	0.77	0.69	0.53	0.82	0.84
7/5/2010 13:15	1.05	1.14	0.92	0.67	0.76	0.68	0.52	0.81	0.83
7/5/2010 13:30	1.05	1.14	0.91	0.66	0.76	0.68	0.52	0.81	0.82
7/5/2010 13:45	1.04	1.14	0.90	0.66	0.76	0.68	0.52	0.80	0.82
7/5/2010 14:00	1.04	1.13	0.90	0.65	0.76	0.67	0.51	0.80	0.81
7/5/2010 14:15	1.03	1.12	0.89	0.65	0.75	0.66	0.50	0.78	0.79

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
7/5/2010 14:30	1.03	1.12	0.87	0.65	0.75	0.65	0.49	0.77	0.78
7/5/2010 14:45	1.03	1.10	0.85	0.64	0.75	0.64	0.47	0.74	0.76
7/5/2010 15:00	1.02	1.09	0.82	0.62	0.74	0.62	0.44	0.71	0.73
7/5/2010 15:15	1.02	1.07	0.79	0.61	0.74	0.59	0.41	0.68	0.69
7/5/2010 15:30	1.00	1.05	0.76	0.57	0.73	0.55	0.36	0.63	0.65
7/5/2010 15:45	1.00	1.03	0.73	0.55	0.72	0.53	0.33	0.60	0.61
7/5/2010 16:00	0.98	1.01	0.71	0.53	0.71	0.49	0.29	0.56	0.58
7/5/2010 16:15	0.99	1.00	0.69	0.51	0.72	0.48	0.27	0.54	0.55
7/5/2010 16:30	0.97	0.98	0.65	0.49	0.71	0.44	0.22	0.49	0.50
7/5/2010 16:45	0.96	0.96	0.62	0.46	0.70	0.41	0.18	0.45	0.46
7/5/2010 17:00	0.96	0.94	0.59	0.44	0.70	0.38	0.14	0.41	0.42
7/5/2010 17:15	0.95	0.92	0.56	0.41	0.70	0.35	0.10	0.37	0.39
7/5/2010 17:30	0.94	0.90	0.54	0.39	0.70	0.32	0.06	0.33	0.35
7/5/2010 17:45	0.94	0.88	0.52	0.36	0.69	0.29	0.03	0.30	0.32
7/5/2010 18:00	0.91	0.85	0.48	0.32	0.68	0.25	-0.02	0.25	0.27
7/5/2010 18:15	0.91	0.85	0.45	0.31	0.69	0.22	-0.05	0.22	0.24
7/5/2010 18:30	0.90	0.82	0.43	0.28	0.69	0.19	-0.09	0.18	0.20
7/5/2010 18:45	0.90	0.81	0.41	0.25	0.69	0.16	-0.13	0.14	0.16
7/5/2010 19:00	0.89	0.79	0.38	0.23	0.69	0.13	-0.16	0.11	0.13
7/5/2010 19:15	0.87	0.77	0.36	0.20	0.68	0.11	-0.20	0.07	0.10
7/5/2010 19:30	0.87	0.76	0.34	0.17	0.69	0.09	-0.22	0.05	0.08
7/5/2010 19:45	0.86	0.75	0.32	0.15	0.69	0.06	-0.25	0.02	0.05
7/5/2010 20:00	0.85	0.73	0.30	0.13	0.69	0.04	-0.28	-0.01	0.02
7/5/2010 20:15	0.84	0.72	0.28	0.11	0.69	0.01	-0.31	-0.04	-0.01
7/5/2010 20:30	0.84	0.71	0.29	0.10	0.69	0.00	-0.33	-0.05	-0.02
7/5/2010 20:45	0.83	0.71	0.29	0.09	0.69	-0.01	-0.33	-0.05	-0.02
7/5/2010 21:00	0.83	0.71	0.30	0.09	0.70	0.00	-0.33	-0.04	-0.01
7/5/2010 21:15	0.82	0.72	0.33	0.08	0.71	0.01	-0.31	-0.02	0.01
7/5/2010 21:30	0.83	0.74	0.34	0.10	0.72	0.03	-0.29	0.01	0.04
7/5/2010 21:45	0.83	0.74	0.37	0.11	0.73	0.05	-0.26	0.03	0.06
7/5/2010 22:00	0.83	0.75	0.39	0.12	0.73	0.06	-0.24	0.06	0.09
7/5/2010 22:15	0.82	0.76	0.41	0.13	0.73	0.07	-0.22	0.08	0.12
7/5/2010 22:30	0.82	0.77	0.44	0.15	0.74	0.10	-0.18	0.12	0.15
7/5/2010 22:45	0.81	0.79	0.47	0.17	0.74	0.13	-0.15	0.16	0.19

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
7/5/2010 23:00	0.81	0.81	0.51	0.19	0.74	0.16	-0.10	0.21	0.24
7/5/2010 23:15	0.81	0.83	0.56	0.22	0.75	0.20	-0.05	0.27	0.31
7/5/2010 23:30	0.81	0.86	0.61	0.26	0.75	0.25	0.03	0.34	0.37
7/5/2010 23:45	0.81	0.89	0.66	0.30	0.76	0.30	0.09	0.40	0.43
7/6/2010 0:00	0.81	0.91	0.70	0.33	0.76	0.34	0.16	0.47	0.50
7/6/2010 0:15	0.81	0.93	0.74	0.37	0.76	0.39	0.21	0.52	0.55
7/6/2010 0:30	0.82	0.95	0.77	0.41	0.77	0.43	0.27	0.57	0.60
7/6/2010 0:45	0.83	0.98	0.81	0.45	0.77	0.48	0.33	0.64	0.66
7/6/2010 1:00	0.83	1.01	0.86	0.49	0.78	0.53	0.39	0.70	0.72
7/6/2010 1:15	0.83	1.04	0.88	0.53	0.77	0.56	0.43	0.75	0.77
7/6/2010 1:30	0.84	1.07	0.92	0.57	0.77	0.61	0.49	0.81	0.83
7/6/2010 1:45	0.85	1.09	0.96	0.61	0.78	0.66	0.54	0.86	0.88
7/6/2010 2:00	0.86	1.11	0.99	0.64	0.78	0.70	0.60	0.91	0.93
7/6/2010 2:15	0.87	1.13	1.02	0.67	0.78	0.74	0.64	0.96	0.97
7/6/2010 2:30	0.88	1.15	1.04	0.70	0.79	0.77	0.69	1.00	1.01
7/6/2010 2:45	0.89	1.16	1.05	0.73	0.79	0.80	0.72	1.03	1.04
7/6/2010 3:00	0.90	1.17	1.06	0.76	0.79	0.83	0.75	1.05	1.07
7/6/2010 3:15	0.91	1.19	1.08	0.78	0.79	0.85	0.78	1.08	1.09
7/6/2010 3:30	0.91	1.19	1.08	0.79	0.79	0.86	0.79	1.09	1.10
7/6/2010 3:45	0.92	1.20	1.08	0.80	0.79	0.87	0.80	1.10	1.11
7/6/2010 4:00	0.92	1.20	1.08	0.81	0.79	0.88	0.81	1.10	1.11
7/6/2010 4:15	0.94	1.20	1.06	0.83	0.80	0.89	0.82	1.10	1.11
7/6/2010 4:30	0.95	1.20	1.04	0.82	0.80	0.88	0.81	1.09	1.09
7/6/2010 4:45	0.95	1.19	1.03	0.81	0.80	0.87	0.79	1.07	1.07
7/6/2010 5:00	0.97	1.19	1.02	0.81	0.81	0.87	0.79	1.06	1.07
7/6/2010 5:15	0.97	1.18	1.01	0.80	0.81	0.86	0.77	1.05	1.05
7/6/2010 5:30	0.98	1.17	0.99	0.79	0.81	0.85	0.75	1.02	1.03
7/6/2010 5:45	0.98	1.16	0.97	0.78	0.81	0.83	0.73	1.00	1.00
7/6/2010 6:00	1.00	1.17	0.96	0.77	0.82	0.83	0.72	0.99	0.99
7/6/2010 6:15	0.99	1.14	0.93	0.76	0.81	0.79	0.68	0.95	0.95
7/6/2010 6:30	1.00	1.13	0.90	0.74	0.81	0.77	0.65	0.92	0.91
7/6/2010 6:45	1.00	1.12	0.88	0.72	0.81	0.75	0.61	0.89	0.88
7/6/2010 7:00	1.01	1.11	0.87	0.70	0.82	0.73	0.59	0.86	0.86
7/6/2010 7:15	1.01	1.10	0.84	0.67	0.82	0.70	0.55	0.82	0.82

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

	DMW4S	DMW4I	DMW4D	PZ1(S)	PZ1(I)	PZ1(D)	PZ2(S)	PZ2(I)	PZ2(D)
Date/Time	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)	Elevation, Ft (NAVD 1988)
7/6/2010 7:30	1.00	1.09	0.82	0.65	0.81	0.68	0.52	0.79	0.79
7/6/2010 7:45	1.00	1.07	0.80	0.63	0.81	0.65	0.48	0.75	0.76
7/6/2010 8:00	1.01	1.06	0.78	0.62	0.81	0.63	0.46	0.73	0.73
7/6/2010 8:15	1.00	1.05	0.77	0.60	0.81	0.61	0.43	0.70	0.71
7/6/2010 8:30	1.00	1.04	0.75	0.58	0.81	0.59	0.40	0.67	0.68
7/6/2010 8:45	1.00	1.02	0.73	0.56	0.80	0.56	0.37	0.64	0.64
7/6/2010 9:00	0.99	1.01	0.71	0.54	0.80	0.54	0.34	0.61	0.62
7/6/2010 9:15	0.99	1.00	0.70	0.52	0.80	0.52	0.32	0.59	0.60
7/6/2010 9:30	0.98	1.00	0.69	0.50	0.79	0.50	0.30	0.57	0.58
7/6/2010 9:45				0.49	0.79	0.49	0.28	0.56	0.57
7/6/2010 10:00				0.47	0.79	0.47	0.26	0.54	0.55
7/6/2010 10:15				0.46	0.78	0.45	0.24	0.53	0.54
7/6/2010 10:30				0.47	0.63	0.48	0.27	0.55	0.56
7/6/2010 10:45							0.26	0.54	0.55
7/6/2010 11:00							0.27	0.56	
7/6/2010 11:15									

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
	Max	**0.0182**	**0.0001**	**0.0088**	**0.0281**	**0.0577**	**0.0046**	**0.0355**	**0.0038**	**0.0236**
	Min	**-0.0067**	**-0.0208**	**-0.0132**	**-0.0345**	**-0.0476**	**-0.0069**	**-0.0249**	**-0.0010**	**-0.0155**
	Mean	**0.0045**	**-0.0100**	**-0.0024**	**-0.0027**	**0.0051**	**-0.0008**	**0.0118**	**0.0013**	**0.0081**
6/2/2010 16:45		-0.0046	-0.0058	-0.0051						
6/2/2010 17:00		0.0037	-0.0158	-0.0055	0.0281					
6/2/2010 17:15		0.0035	-0.0162	-0.0058	-0.0345					
6/2/2010 17:30		0.0034	-0.0171	-0.0063	-0.0027					
6/2/2010 17:45		0.0027	-0.0175	-0.0068						
6/2/2010 18:00		0.0025	-0.0179	-0.0071						
6/2/2010 18:15		0.0025	-0.0179	-0.0071						
6/2/2010 18:30		0.0025	-0.0175	-0.0070						
6/2/2010 18:45		0.0026	-0.0170	-0.0067						
6/2/2010 19:00		0.0025	-0.0170	-0.0067						
6/2/2010 19:15		0.0028	-0.0166	-0.0063						
6/2/2010 19:30		0.0036	-0.0162	-0.0058	See below	-0.0071	See below			
6/2/2010 19:45		0.0037	-0.0153	-0.0053		-0.0171				
6/2/2010 20:00		0.0046	-0.0149	-0.0046		-0.0065				
6/2/2010 20:15		0.0054	-0.0141	-0.0038		-0.0047		See below		See below
6/2/2010 20:30		0.0058	-0.0132	-0.0032		-0.0030			0.0015	
6/2/2010 20:45		0.0065	-0.0128	-0.0026		-0.0018			0.0015	
6/2/2010 21:00		0.0071	-0.0124	-0.0021		-0.0006			0.0008	
6/2/2010 21:15		0.0076	-0.0115	-0.0015		0.0012			0.0008	
6/2/2010 21:30		0.0085	-0.0107	-0.0006		0.0035			0.0015	
6/2/2010 21:45		0.0094	-0.0099	0.0003		0.0053			0.0015	
6/2/2010 22:00		0.0104	-0.0090	0.0012		0.0082			0.0008	
6/2/2010 22:15		0.0108	-0.0082	0.0018		0.0112			0.0008	
6/2/2010 22:30		0.0116	-0.0082	0.0023		0.0129			0.0000	
6/2/2010 22:45		0.0120	-0.0077	0.0027		0.0153			0.0000	
6/2/2010 23:00		0.0124	-0.0073	0.0031		0.0177			0.0008	
6/2/2010 23:15		0.0128	-0.0069	0.0035		0.0188			0.0008	
6/2/2010 23:30		0.0132	-0.0069	0.0037		0.0212			0.0008	
6/2/2010 23:45		0.0136	-0.0065	0.0041		0.0230			0.0000	
6/3/2010 0:00		0.0140	-0.0065	0.0043		0.0242			0.0008	
6/3/2010 0:15		0.0138	-0.0061	0.0044		0.0259			0.0000	

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/3/2010 0:30		0.0138	-0.0061	0.0044		0.0271			0.0000	
6/3/2010 0:45		0.0139	-0.0061	0.0044		0.0283			0.0000	
6/3/2010 1:00		0.0138	-0.0061	0.0044		0.0295			0.0000	
6/3/2010 1:15		0.0137	-0.0061	0.0043		0.0295			0.0000	
6/3/2010 1:30		0.0137	-0.0061	0.0043		0.0307			0.0000	
6/3/2010 1:45		0.0136	-0.0065	0.0041		0.0312			-0.0007	
6/3/2010 2:00		0.0129	-0.0065	0.0037		0.0312			0.0000	
6/3/2010 2:15		0.0126	-0.0073	0.0032		0.0312			0.0000	
6/3/2010 2:30		0.0124	-0.0077	0.0029		0.0306			0.0000	
6/3/2010 2:45		0.0123	-0.0085	0.0024		0.0300			0.0000	
6/3/2010 3:00		0.0114	-0.0085	0.0020		0.0288			0.0000	
6/3/2010 3:15		0.0112	-0.0089	0.0017		0.0288			0.0000	
6/3/2010 3:30		0.0112	-0.0093	0.0015		0.0282			0.0008	
6/3/2010 3:45		0.0109	-0.0097	0.0011		0.0270			0.0001	
6/3/2010 4:00		0.0105	-0.0097	0.0009		0.0265			0.0008	
6/3/2010 4:15		0.0101	-0.0097	0.0007		0.0253			0.0008	
6/3/2010 4:30		0.0100	-0.0102	0.0005		0.0247			0.0001	
6/3/2010 4:45		0.0101	-0.0102	0.0005		0.0247			0.0001	
6/3/2010 5:00		0.0097	-0.0102	0.0003		0.0235			0.0001	
6/3/2010 5:15		0.0098	-0.0106	0.0002		0.0229			0.0000	
6/3/2010 5:30		0.0095	-0.0106	0.0000		0.0223			0.0000	
6/3/2010 5:45		0.0090	-0.0102	-0.0001		0.0223			0.0000	
6/3/2010 6:00		0.0091	-0.0106	-0.0002		0.0223			0.0008	
6/3/2010 6:15		0.0089	-0.0102	-0.0001		0.0218			0.0008	
6/3/2010 6:30		0.0089	-0.0106	-0.0003		0.0206			0.0008	
6/3/2010 6:45		0.0092	-0.0106	-0.0002		0.0206			0.0008	
6/3/2010 7:00		0.0090	-0.0102	-0.0001		0.0206			0.0008	
6/3/2010 7:15		0.0090	-0.0102	-0.0001		0.0206			0.0008	
6/3/2010 7:30		0.0093	-0.0098	0.0003		0.0212			0.0008	
6/3/2010 7:45		0.0093	-0.0098	0.0003		0.0218			0.0008	
6/3/2010 8:00		0.0096	-0.0094	0.0006		0.0218			0.0000	
6/3/2010 8:15		0.0102	-0.0082	0.0015		0.0053			0.0008	
6/3/2010 8:30		0.0104	-0.0078	0.0018		0.0071			0.0000	
6/3/2010 8:45		0.0105	-0.0078	0.0019		0.0082			0.0000	

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/3/2010 9:00		0.0110	-0.0078	0.0021		0.0088			0.0008	
6/3/2010 9:15		0.0111	-0.0074	0.0024		0.0106			0.0008	
6/3/2010 9:30		0.0114	-0.0065	0.0029		0.0112			0.0008	
6/3/2010 9:45		0.0122	-0.0061	0.0036		0.0135			0.0000	
6/3/2010 10:00		0.0126	-0.0057	0.0040		0.0153			0.0008	
6/3/2010 10:15		0.0129	-0.0053	0.0043		0.0171			0.0008	
6/3/2010 10:30		0.0133	-0.0048	0.0047		0.0189			0.0008	
6/3/2010 10:45		0.0138	-0.0040	0.0054		0.0212			0.0008	
6/3/2010 11:00		0.0143	-0.0044	0.0055		0.0224			0.0000	
6/3/2010 11:15		0.0144	-0.0044	0.0055		0.0236			0.0000	
6/3/2010 11:30		0.0144	-0.0036	0.0059		0.0253			0.0000	
6/3/2010 11:45		0.0147	-0.0040	0.0059		0.0265			0.0000	
6/3/2010 12:00		0.0147	-0.0036	0.0061		0.0271			0.0000	
6/3/2010 12:15		0.0151	-0.0036	0.0063		0.0289			0.0000	
6/3/2010 12:30		0.0147	-0.0036	0.0061		0.0295			0.0000	
6/3/2010 12:45		0.0143	-0.0040	0.0056		0.0295			-0.0007	
6/3/2010 13:00		0.0145	-0.0044	0.0056		0.0300			0.0000	
6/3/2010 13:15		0.0141	-0.0048	0.0051		0.0301			0.0000	
6/3/2010 13:30		0.0135	-0.0048	0.0049		0.0300			0.0000	
6/3/2010 13:45		0.0133	-0.0052	0.0045		0.0300			0.0000	
6/3/2010 14:00		0.0128	-0.0057	0.0041		0.0295			0.0000	
6/3/2010 14:15		0.0122	-0.0069	0.0032		0.0277			0.0000	
6/3/2010 14:30		0.0113	-0.0073	0.0025		0.0265			-0.0007	
6/3/2010 14:45		0.0111	-0.0077	0.0022		0.0253			0.0000	
6/3/2010 15:00		0.0106	-0.0086	0.0015		0.0236			0.0000	
6/3/2010 15:15		0.0101	-0.0086	0.0013		0.0218			0.0008	
6/3/2010 15:30		0.0095	-0.0085	0.0010		0.0218			0.0008	
6/3/2010 15:45		0.0091	-0.0090	0.0006		0.0200			0.0008	
6/3/2010 16:00		0.0089	-0.0098	0.0000		0.0182			0.0008	
6/3/2010 16:15		0.0083	-0.0098	-0.0003		0.0170			0.0000	
6/3/2010 16:30		0.0080	-0.0102	-0.0006		0.0164			0.0008	
6/3/2010 16:45		0.0078	-0.0106	-0.0009		0.0146			0.0001	
6/3/2010 17:00		0.0075	-0.0106	-0.0011		0.0135			0.0000	
6/3/2010 17:15		0.0074	-0.0115	-0.0015		0.0117			0.0008	

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/3/2010 17:30		0.0067	-0.0114	-0.0019		0.0099			0.0008	
6/3/2010 17:45		0.0059	-0.0118	-0.0025		0.0088			0.0008	
6/3/2010 18:00		0.0061	-0.0118	-0.0024		0.0076			0.0008	
6/3/2010 18:15		0.0058	-0.0118	-0.0026		0.0070			0.0015	
6/3/2010 18:30		0.0058	-0.0131	-0.0032		0.0041			0.0008	
6/3/2010 18:45		0.0048	-0.0144	-0.0043		0.0023			0.0000	
6/3/2010 19:00		0.0049	-0.0135	-0.0038		0.0005			0.0015	
6/3/2010 19:15		0.0052	-0.0123	-0.0031		0.0005			0.0015	
6/3/2010 19:30		0.0056	-0.0115	-0.0025		0.0011			0.0008	
6/3/2010 19:45		0.0058	-0.0115	-0.0024		0.0005			0.0008	
6/3/2010 20:00		0.0063	-0.0106	-0.0017		0.0011			0.0015	
6/3/2010 20:15		0.0063	-0.0115	-0.0021		0.0017			0.0008	
6/3/2010 20:30		0.0048	-0.0145	-0.0043		-0.0018			0.0008	
6/3/2010 20:45		0.0046	-0.0128	-0.0036		-0.0030			0.0008	
6/3/2010 21:00		0.0054	-0.0116	-0.0026		-0.0024			0.0007	
6/3/2010 21:15		0.0059	-0.0107	-0.0020		-0.0018			0.0007	
6/3/2010 21:30		0.0078	-0.0078	0.0004		0.0018			0.0015	
6/3/2010 21:45		0.0089	-0.0070	0.0014		0.0047			0.0007	
6/3/2010 22:00		0.0096	-0.0066	0.0019		0.0077			0.0007	
6/3/2010 22:15		0.0097	-0.0066	0.0020		0.0101			0.0007	
6/3/2010 22:30		0.0099	-0.0070	0.0019		0.0106			0.0000	
6/3/2010 22:45		0.0100	-0.0074	0.0018		0.0118			0.0000	
6/3/2010 23:00		0.0093	-0.0074	0.0014		0.0124			0.0000	
6/3/2010 23:15		0.0095	-0.0070	0.0017		0.0130			0.0007	
6/3/2010 23:30		0.0105	-0.0062	0.0026		0.0154			0.0007	
6/3/2010 23:45		0.0111	-0.0058	0.0031		0.0165			0.0007	
6/4/2010 0:00		0.0117	-0.0049	0.0038		0.0189			0.0007	
6/4/2010 0:15		0.0120	-0.0049	0.0040		0.0213			0.0007	
6/4/2010 0:30		0.0113	-0.0058	0.0032		0.0219			0.0000	
6/4/2010 0:45		0.0105	-0.0070	0.0022		0.0213			0.0000	
6/4/2010 1:00		0.0101	-0.0074	0.0018		0.0201			0.0000	
6/4/2010 1:15		0.0095	-0.0078	0.0013		0.0195			0.0007	
6/4/2010 1:30		0.0095	-0.0083	0.0011		0.0189			0.0000	
6/4/2010 1:45		0.0097	-0.0066	0.0020		0.0195			0.0007	

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/4/2010 2:00		0.0098	-0.0070	0.0019		0.0201			0.0000	
6/4/2010 2:15		0.0097	-0.0074	0.0016		0.0201			0.0000	
6/4/2010 2:30		0.0092	-0.0078	0.0011		0.0195			0.0000	
6/4/2010 2:45		0.0087	-0.0091	0.0003		0.0183			0.0000	
6/4/2010 3:00		0.0080	-0.0091	0.0000		0.0171			0.0007	
6/4/2010 3:15		0.0078	-0.0091	-0.0002		0.0159			0.0007	
6/4/2010 3:30		0.0077	-0.0091	-0.0002		0.0148			0.0000	
6/4/2010 3:45		0.0076	-0.0091	-0.0003		0.0148			0.0007	
6/4/2010 4:00		0.0075	-0.0095	-0.0005		0.0142			0.0015	
6/4/2010 4:15		0.0075	-0.0099	-0.0008		0.0136			0.0007	
6/4/2010 4:30		0.0069	-0.0104	-0.0013		0.0124			0.0007	
6/4/2010 4:45		0.0064	-0.0112	-0.0019		0.0112			0.0007	
6/4/2010 5:00		0.0058	-0.0112	-0.0023		0.0095			0.0007	
6/4/2010 5:15		0.0052	-0.0116	-0.0028		0.0083			0.0007	
6/4/2010 5:30		0.0051	-0.0121	-0.0030		0.0065			0.0007	
6/4/2010 5:45		0.0051	-0.0121	-0.0030		0.0053			0.0007	
6/4/2010 6:00		0.0046	-0.0125	-0.0035		0.0036			0.0015	
6/4/2010 6:15		0.0041	-0.0129	-0.0039		0.0018			0.0015	
6/4/2010 6:30		0.0038	-0.0138	-0.0045		0.0006			0.0007	
6/4/2010 6:45		0.0033	-0.0134	-0.0046		-0.0011			0.0007	
6/4/2010 7:00		0.0029	-0.0138	-0.0050		-0.0023			0.0007	
6/4/2010 7:15		0.0029	-0.0134	-0.0048		-0.0035			0.0007	
6/4/2010 7:30		0.0030	-0.0130	-0.0046		-0.0040			0.0014	
6/4/2010 7:45		0.0033	-0.0134	-0.0046		-0.0046			0.0014	
6/4/2010 8:00		0.0031	-0.0138	-0.0049		-0.0058			0.0007	
6/4/2010 8:15		0.0031	-0.0143	-0.0051		-0.0070			0.0014	
6/4/2010 8:30		0.0029	-0.0139	-0.0050		-0.0076			0.0014	
6/4/2010 8:45		0.0035	-0.0130	-0.0043		-0.0070			0.0014	
6/4/2010 9:00		0.0041	-0.0122	-0.0036		-0.0064			0.0014	
6/4/2010 9:15		0.0048	-0.0113	-0.0028		-0.0052			0.0014	
6/4/2010 9:30		0.0054	-0.0113	-0.0025		-0.0040			0.0014	
6/4/2010 9:45		0.0055	-0.0113	-0.0024		-0.0034			0.0014	
6/4/2010 10:00		0.0059	-0.0109	-0.0020		-0.0022			0.0014	
6/4/2010 10:15		0.0063	-0.0101	-0.0015		-0.0011			0.0007	

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/4/2010 10:30		0.0071	-0.0093	-0.0007		0.0007			0.0014	
6/4/2010 10:45		0.0077	-0.0080	0.0002		0.0031			0.0014	
6/4/2010 11:00		0.0080	-0.0076	0.0006		0.0048			0.0014	
6/4/2010 11:15		0.0087	-0.0076	0.0010		0.0066			0.0014	
6/4/2010 11:30		0.0089	-0.0080	0.0009		0.0072			0.0007	
6/4/2010 11:45		0.0091	-0.0076	0.0012		0.0084			0.0014	
6/4/2010 12:00		0.0091	-0.0076	0.0012		0.0096			0.0007	
6/4/2010 12:15		0.0092	-0.0076	0.0012		0.0102			0.0007	
6/4/2010 12:30		0.0095	-0.0072	0.0016		0.0119			0.0014	
6/4/2010 12:45		0.0096	-0.0063	0.0020		0.0131			0.0007	
6/4/2010 13:00		0.0097	-0.0067	0.0019		0.0143			0.0007	
6/4/2010 13:15		0.0094	-0.0067	0.0018		0.0149			0.0014	
6/4/2010 13:30		0.0092	-0.0076	0.0013		0.0149			0.0007	
6/4/2010 13:45		0.0091	-0.0080	0.0010		0.0148			0.0014	
6/4/2010 14:00		0.0089	-0.0080	0.0009		0.0148			0.0007	
6/4/2010 14:15		0.0088	-0.0084	0.0007		0.0148			0.0014	
6/4/2010 14:30		0.0083	-0.0088	0.0002		0.0142			0.0007	
6/4/2010 14:45		0.0079	-0.0096	-0.0004		0.0131			0.0007	
6/4/2010 15:00		0.0074	-0.0096	-0.0006		0.0119			0.0007	
6/4/2010 15:15		0.0071	-0.0100	-0.0010		0.0113			0.0007	
6/4/2010 15:30		0.0069	-0.0108	-0.0015		0.0101			0.0015	
6/4/2010 15:45		0.0063	-0.0108	-0.0018		0.0089			0.0007	
6/4/2010 16:00		0.0062	-0.0112	-0.0020		0.0071			0.0007	
6/4/2010 16:15		0.0061	-0.0116	-0.0023		0.0059			0.0007	
6/4/2010 16:30		0.0055	-0.0121	-0.0028		0.0042			0.0015	
6/4/2010 16:45		0.0050	-0.0125	-0.0033		0.0024			0.0015	
6/4/2010 17:00		0.0050	-0.0129	-0.0034		0.0018			0.0015	
6/4/2010 17:15		0.0044	-0.0129	-0.0038		0.0000			0.0015	
6/4/2010 17:30		0.0046	-0.0137	-0.0040		-0.0012			0.0015	
6/4/2010 17:45		0.0044	-0.0137	-0.0042		-0.0029			0.0015	
6/4/2010 18:00		0.0036	-0.0142	-0.0048		-0.0047		0.0126	0.0015	0.0087
6/4/2010 18:15		0.0032	-0.0146	-0.0052		-0.0070		0.0109	0.0015	0.0076
6/4/2010 18:30		0.0027	-0.0146	-0.0055		-0.0088		0.0101	0.0015	0.0071
6/4/2010 18:45		0.0024	-0.0146	-0.0056		-0.0100		0.0097	0.0015	0.0069

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/4/2010 19:00		0.0024	-0.0150	-0.0059		-0.0117		0.0089	0.0015	0.0063
6/4/2010 19:15		0.0028	-0.0146	-0.0054		-0.0117		0.0093	0.0015	0.0066
6/4/2010 19:30		0.0023	-0.0158	-0.0063		-0.0129		0.0081	0.0015	0.0058
6/4/2010 19:45		0.0021	-0.0154	-0.0062		-0.0147		0.0077	0.0015	0.0055
6/4/2010 20:00		0.0018	-0.0158	-0.0066		-0.0159		0.0073	0.0015	0.0053
6/4/2010 20:15		0.0019	-0.0163	-0.0067		-0.0177		0.0065	0.0015	0.0048
6/4/2010 20:30		0.0022	-0.0154	-0.0062		-0.0182		0.0061	0.0022	0.0047
6/4/2010 20:45		0.0024	-0.0146	-0.0056		-0.0176		0.0069	0.0015	0.0050
6/4/2010 21:00		0.0031	-0.0134	-0.0047		-0.0165		0.0085	0.0015	0.0061
6/4/2010 21:15		0.0039	-0.0125	-0.0039		-0.0147		0.0101	0.0015	0.0071
6/4/2010 21:30		0.0048	-0.0125	-0.0034		-0.0135		0.0113	0.0022	0.0082
6/4/2010 21:45		0.0054	-0.0121	-0.0029		-0.0129		0.0130	0.0015	0.0089
6/4/2010 22:00		0.0059	-0.0112	-0.0022		-0.0118		0.0142	0.0015	0.0097
6/4/2010 22:15		0.0063	-0.0104	-0.0016		-0.0100		0.0154	0.0015	0.0105
6/4/2010 22:30		0.0074	-0.0104	-0.0010		-0.0082		0.0170	0.0022	0.0118
6/4/2010 22:45		0.0079	-0.0092	-0.0002		-0.0059		0.0190	0.0022	0.0131
6/4/2010 23:00		0.0088	-0.0087	0.0005		-0.0035		0.0210	0.0022	0.0145
6/4/2010 23:15		0.0097	-0.0079	0.0014		-0.0006		0.0234	0.0015	0.0158
6/4/2010 23:30		0.0100	-0.0070	0.0019		0.0018		0.0250	0.0015	0.0168
6/4/2010 23:45		0.0106	-0.0066	0.0025		0.0036		0.0266	0.0015	0.0179
6/5/2010 0:00		0.0112	-0.0066	0.0028		0.0059		0.0279	0.0015	0.0187
6/5/2010 0:15		0.0114	-0.0062	0.0031		0.0077		0.0295	0.0007	0.0194
6/5/2010 0:30		0.0119	-0.0061	0.0034		0.0094		0.0303	0.0015	0.0202
6/5/2010 0:45		0.0123	-0.0053	0.0040		0.0118		0.0315	0.0015	0.0210
6/5/2010 1:00		0.0127	-0.0049	0.0044		0.0136		0.0331	0.0015	0.0221
6/5/2010 1:15		0.0132	-0.0049	0.0046		0.0159		0.0339	0.0015	0.0226
6/5/2010 1:30		0.0132	-0.0041	0.0050		0.0171		0.0347	0.0015	0.0231
6/5/2010 1:45		0.0133	-0.0045	0.0049		0.0189		0.0355	0.0015	0.0236
6/5/2010 2:00		0.0130	-0.0045	0.0048		0.0201		0.0355	0.0007	0.0234
6/5/2010 2:15		0.0132	-0.0049	0.0046		0.0212		0.0347	0.0007	0.0229
6/5/2010 2:30		0.0131	-0.0049	0.0046		0.0218		0.0343	0.0007	0.0226
6/5/2010 2:45		0.0130	-0.0049	0.0046		0.0224		0.0347	0.0008	0.0229
6/5/2010 3:00		0.0125	-0.0052	0.0041		0.0230		0.0339	0.0008	0.0224
6/5/2010 3:15		0.0125	-0.0052	0.0041		0.0230		0.0331	0.0008	0.0218

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/5/2010 3:30		0.0122	-0.0057	0.0037		0.0230		0.0327	0.0008	0.0216
6/5/2010 3:45		0.0117	-0.0061	0.0033		0.0224		0.0315	0.0008	0.0208
6/5/2010 4:00		0.0113	-0.0065	0.0029		0.0224		0.0307	0.0008	0.0202
6/5/2010 4:15		0.0109	-0.0069	0.0025		0.0212		0.0295	0.0008	0.0195
6/5/2010 4:30		0.0106	-0.0078	0.0019		0.0206		0.0279	0.0008	0.0184
6/5/2010 4:45		0.0102	-0.0082	0.0015		0.0194		0.0267	0.0008	0.0176
6/5/2010 5:00		0.0099	-0.0078	0.0015		0.0189		0.0259	0.0008	0.0171
6/5/2010 5:15		0.0096	-0.0086	0.0010		0.0177		0.0246	0.0015	0.0166
6/5/2010 5:30		0.0088	-0.0090	0.0004		0.0165		0.0234	0.0008	0.0155
6/5/2010 5:45		0.0085	-0.0094	0.0000		0.0153		0.0218	0.0008	0.0145
6/5/2010 6:00		0.0078	-0.0094	-0.0003		0.0141		0.0202	0.0015	0.0137
6/5/2010 6:15		0.0077	-0.0103	-0.0008		0.0124		0.0190	0.0015	0.0129
6/5/2010 6:30		0.0074	-0.0103	-0.0010		0.0118		0.0178	0.0015	0.0121
6/5/2010 6:45		0.0071	-0.0107	-0.0014		0.0100		0.0170	0.0007	0.0113
6/5/2010 7:00		0.0065	-0.0103	-0.0015		0.0095		0.0158	0.0015	0.0108
6/5/2010 7:15		0.0065	-0.0112	-0.0018		0.0083		0.0150	0.0007	0.0100
6/5/2010 7:30		0.0061	-0.0112	-0.0021		0.0077		0.0138	0.0015	0.0095
6/5/2010 7:45		0.0059	-0.0108	-0.0020		0.0065		0.0130	0.0015	0.0090
6/5/2010 8:00		0.0055	-0.0112	-0.0024		0.0053		0.0122	0.0015	0.0084
6/5/2010 8:15		0.0055	-0.0116	-0.0026		0.0041		0.0114	0.0007	0.0077
6/5/2010 8:30		0.0051	-0.0112	-0.0026		0.0041		0.0110	0.0015	0.0077
6/5/2010 8:45		0.0055	-0.0116	-0.0026		0.0036		0.0105	0.0015	0.0074
6/5/2010 9:00		0.0058	-0.0112	-0.0023		0.0030		0.0105	0.0015	0.0074
6/5/2010 9:15		0.0058	-0.0112	-0.0022		0.0030		0.0106	0.0015	0.0074
6/5/2010 9:30		0.0058	-0.0116	-0.0024		0.0030		0.0106	0.0015	0.0074
6/5/2010 9:45		0.0056	-0.0108	-0.0022		0.0024		0.0110	0.0015	0.0077
6/5/2010 10:00		0.0062	-0.0107	-0.0018		0.0029		0.0110	0.0015	0.0077
6/5/2010 10:15		0.0067	-0.0099	-0.0011		0.0035		0.0122	0.0015	0.0084
6/5/2010 10:30		0.0073	-0.0091	-0.0004		0.0047		0.0134	0.0015	0.0092
6/5/2010 10:45		0.0078	-0.0091	-0.0002		0.0053		0.0146	0.0015	0.0100
6/5/2010 11:00		0.0080	-0.0087	0.0001		0.0065		0.0154	0.0015	0.0105
6/5/2010 11:15		0.0082	-0.0083	0.0004		0.0077		0.0158	0.0007	0.0105
6/5/2010 11:30		0.0086	-0.0083	0.0006		0.0083		0.0158	0.0022	0.0111
6/5/2010 11:45		0.0084	-0.0078	0.0007		0.0095		0.0170	0.0015	0.0116

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/5/2010 12:00		0.0090	-0.0074	0.0013		0.0106		0.0174	0.0015	0.0119
6/5/2010 12:15		0.0096	-0.0070	0.0018		0.0124		0.0182	0.0015	0.0124
6/5/2010 12:30		0.0097	-0.0065	0.0020		0.0136		0.0194	0.0015	0.0132
6/5/2010 12:45		0.0099	-0.0065	0.0021		0.0153		0.0194	0.0015	0.0132
6/5/2010 13:00		0.0101	-0.0066	0.0022		0.0159		0.0194	0.0007	0.0129
6/5/2010 13:15		0.0099	-0.0070	0.0020		0.0159		0.0186	0.0008	0.0124
6/5/2010 13:30		0.0095	-0.0070	0.0017		0.0165		0.0178	0.0007	0.0119
6/5/2010 13:45		0.0095	-0.0070	0.0017		0.0165		0.0170	0.0008	0.0113
6/5/2010 14:00		0.0098	-0.0074	0.0017		0.0171		0.0170	0.0008	0.0113
6/5/2010 14:15		0.0093	-0.0078	0.0012		0.0165		0.0158	0.0008	0.0105
6/5/2010 14:30		0.0093	-0.0078	0.0012		0.0165		0.0154	0.0008	0.0103
6/5/2010 14:45		0.0092	-0.0082	0.0010		0.0165		0.0146	0.0008	0.0098
6/5/2010 15:00		0.0085	-0.0082	0.0006		0.0159		0.0134	0.0008	0.0090
6/5/2010 15:15		0.0083	-0.0086	0.0003		0.0153		0.0126	0.0015	0.0087
6/5/2010 15:30		0.0077	-0.0090	-0.0002		0.0135		0.0118	0.0008	0.0079
6/5/2010 15:45		0.0075	-0.0094	-0.0005		0.0124		0.0106	0.0008	0.0072
6/5/2010 16:00		0.0073	-0.0103	-0.0010		0.0112		0.0098	0.0008	0.0066
6/5/2010 16:15		0.0066	-0.0103	-0.0014		0.0100		0.0094	0.0008	0.0064
6/5/2010 16:30		0.0065	-0.0103	-0.0014		0.0094		0.0090	0.0008	0.0061
6/5/2010 16:45		0.0060	-0.0115	-0.0023		0.0076		0.0082	0.0008	0.0056
6/5/2010 17:00		0.0058	-0.0115	-0.0024		0.0059		0.0078	0.0015	0.0056
6/5/2010 17:15		0.0056	-0.0119	-0.0027		0.0047		0.0078	0.0008	0.0053
6/5/2010 17:30		0.0054	-0.0123	-0.0030		0.0035		0.0074	0.0015	0.0053
6/5/2010 17:45		0.0051	-0.0119	-0.0029		0.0023		0.0074	0.0015	0.0053
6/5/2010 18:00		0.0045	-0.0123	-0.0035		0.0011		0.0074	0.0008	0.0051
6/5/2010 18:15		0.0045	-0.0136	-0.0041		-0.0006		0.0069	0.0008	0.0048
6/5/2010 18:30		0.0042	-0.0136	-0.0042		-0.0024		0.0065	0.0015	0.0048
6/5/2010 18:45		0.0040	-0.0140	-0.0045		-0.0042		0.0065	0.0015	0.0048
6/5/2010 19:00		0.0033	-0.0140	-0.0049		-0.0059		0.0065	0.0015	0.0048
6/5/2010 19:15		0.0033	-0.0148	-0.0053		-0.0071		0.0061	0.0015	0.0045
6/5/2010 19:30		0.0029	-0.0149	-0.0055		-0.0089		0.0065	0.0015	0.0048
6/5/2010 19:45		0.0026	-0.0153	-0.0058		-0.0107		0.0061	0.0015	0.0045
6/5/2010 20:00		0.0023	-0.0153	-0.0060		-0.0124		0.0065	0.0015	0.0048
6/5/2010 20:15		0.0022	-0.0149	-0.0059		-0.0136		0.0069	0.0015	0.0050

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/5/2010 20:30		0.0021	-0.0149	-0.0059		-0.0148		0.0073	0.0015	0.0053
6/5/2010 20:45		0.0023	-0.0153	-0.0060		-0.0154		0.0078	0.0015	0.0056
6/5/2010 21:00		0.0024	-0.0149	-0.0058		-0.0160		0.0081	0.0015	0.0058
6/5/2010 21:15		0.0026	-0.0149	-0.0057		-0.0160		0.0086	0.0023	0.0064
6/5/2010 21:30		0.0029	-0.0144	-0.0053		-0.0160		0.0098	0.0023	0.0072
6/5/2010 21:45		0.0033	-0.0140	-0.0049		-0.0160		0.0106	0.0023	0.0077
6/5/2010 22:00		0.0040	-0.0132	-0.0041		-0.0160		0.0118	0.0023	0.0085
6/5/2010 22:15		0.0044	-0.0124	-0.0035		-0.0148		0.0130	0.0023	0.0092
6/5/2010 22:30		0.0054	-0.0124	-0.0030		-0.0136		0.0138	0.0023	0.0098
6/5/2010 22:45		0.0059	-0.0111	-0.0022		-0.0118		0.0150	0.0023	0.0106
6/5/2010 23:00		0.0066	-0.0103	-0.0014		-0.0101		0.0162	0.0023	0.0113
6/5/2010 23:15		0.0075	-0.0098	-0.0007		-0.0089		0.0170	0.0015	0.0116
6/5/2010 23:30		0.0083	-0.0094	-0.0001		-0.0065		0.0174	0.0015	0.0119
6/5/2010 23:45		0.0087	-0.0086	0.0005		-0.0048		0.0182	0.0015	0.0124
6/6/2010 0:00		0.0092	-0.0081	0.0010		-0.0024		0.0186	0.0015	0.0127
6/6/2010 0:15		0.0097	-0.0081	0.0013		-0.0013		0.0190	0.0015	0.0129
6/6/2010 0:30		0.0102	-0.0072	0.0020		0.0011		0.0194	0.0015	0.0132
6/6/2010 0:45		0.0110	-0.0068	0.0026		0.0035		0.0194	0.0015	0.0132
6/6/2010 1:00		0.0115	-0.0064	0.0030		0.0052		0.0194	0.0016	0.0132
6/6/2010 1:15		0.0121	-0.0055	0.0038		0.0082		0.0202	0.0016	0.0137
6/6/2010 1:30		0.0127	-0.0051	0.0043		0.0099		0.0207	0.0016	0.0140
6/6/2010 1:45		0.0131	-0.0051	0.0045		0.0123		0.0203	0.0008	0.0135
6/6/2010 2:00		0.0134	-0.0051	0.0047		0.0140		0.0199	0.0016	0.0135
6/6/2010 2:15		0.0133	-0.0050	0.0046		0.0152		0.0195	0.0008	0.0130
6/6/2010 2:30		0.0135	-0.0050	0.0047		0.0169		0.0187	0.0008	0.0125
6/6/2010 2:45		0.0137	-0.0050	0.0049		0.0169		0.0179	0.0009	0.0119
6/6/2010 3:00		0.0138	-0.0050	0.0049		0.0181		0.0175	0.0016	0.0119
6/6/2010 3:15		0.0140	-0.0050	0.0050		0.0193		0.0171	0.0009	0.0114
6/6/2010 3:30		0.0140	-0.0054	0.0048		0.0199		0.0167	0.0009	0.0111
6/6/2010 3:45		0.0134	-0.0050	0.0047		0.0205		0.0154	0.0008	0.0104
6/6/2010 4:00		0.0131	-0.0058	0.0042		0.0205		0.0146	0.0016	0.0101
6/6/2010 4:15		0.0126	-0.0063	0.0037		0.0199		0.0134	0.0008	0.0090
6/6/2010 4:30		0.0118	-0.0071	0.0029		0.0187		0.0122	0.0016	0.0085
6/6/2010 4:45		0.0113	-0.0075	0.0024		0.0181		0.0114	0.0008	0.0077

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/6/2010 5:00		0.0110	-0.0079	0.0021		0.0169		0.0110	0.0009	0.0075
6/6/2010 5:15		0.0107	-0.0075	0.0021		0.0163		0.0110	0.0016	0.0077
6/6/2010 5:30		0.0106	-0.0079	0.0019		0.0163		0.0106	0.0016	0.0075
6/6/2010 5:45		0.0101	-0.0083	0.0014		0.0157		0.0102	0.0009	0.0070
6/6/2010 6:00		0.0096	-0.0092	0.0008		0.0140		0.0094	0.0016	0.0067
6/6/2010 6:15		0.0092	-0.0100	0.0001		0.0128		0.0090	0.0009	0.0062
6/6/2010 6:30		0.0086	-0.0100	-0.0002		0.0110		0.0082	0.0016	0.0059
6/6/2010 6:45		0.0081	-0.0100	-0.0004		0.0098		0.0082	0.0016	0.0059
6/6/2010 7:00		0.0081	-0.0104	-0.0006		0.0086		0.0086	0.0009	0.0059
6/6/2010 7:15		0.0079	-0.0112	-0.0011		0.0075		0.0078	0.0016	0.0057
6/6/2010 7:30		0.0073	-0.0112	-0.0014		0.0063		0.0078	0.0016	0.0057
6/6/2010 7:45		0.0074	-0.0116	-0.0016		0.0045		0.0078	0.0016	0.0057
6/6/2010 8:00		0.0068	-0.0121	-0.0021		0.0027		0.0074	0.0016	0.0054
6/6/2010 8:15		0.0066	-0.0124	-0.0024		0.0021		0.0074	0.0016	0.0054
6/6/2010 8:30		0.0066	-0.0129	-0.0026		0.0010		0.0074	0.0024	0.0057
6/6/2010 8:45		0.0060	-0.0120	-0.0025		-0.0002		0.0078	0.0024	0.0059
6/6/2010 9:00		0.0060	-0.0120	-0.0025		-0.0014		0.0082	0.0017	0.0059
6/6/2010 9:15		0.0064	-0.0124	-0.0025		-0.0020		0.0086	0.0017	0.0062
6/6/2010 9:30		0.0065	-0.0127	-0.0026		-0.0026		0.0090	0.0017	0.0065
6/6/2010 9:45		0.0065	-0.0123	-0.0024		-0.0032		0.0094	0.0017	0.0067
6/6/2010 10:00		0.0067	-0.0127	-0.0025		-0.0038		0.0094	0.0024	0.0070
6/6/2010 10:15		0.0073	-0.0119	-0.0018		-0.0038		0.0103	0.0017	0.0073
6/6/2010 10:30		0.0077	-0.0114	-0.0013		-0.0033		0.0111	0.0025	0.0081
6/6/2010 10:45		0.0083	-0.0106	-0.0006		-0.0021		0.0127	0.0025	0.0091
6/6/2010 11:00		0.0088	-0.0102	-0.0002		-0.0009		0.0135	0.0025	0.0096
6/6/2010 11:15		0.0094	-0.0098	0.0004		-0.0003		0.0143	0.0017	0.0099
6/6/2010 11:30		0.0095	-0.0102	0.0002		0.0003		0.0139	0.0017	0.0096
6/6/2010 11:45		0.0095	-0.0102	0.0002		0.0003		0.0143	0.0017	0.0099
6/6/2010 12:00		0.0104	-0.0093	0.0011		0.0014		0.0151	0.0017	0.0104
6/6/2010 12:15		0.0108	-0.0084	0.0017		0.0032		0.0159	0.0017	0.0110
6/6/2010 12:30		0.0116	-0.0080	0.0023		0.0049		0.0167	0.0025	0.0118
6/6/2010 12:45		0.0121	-0.0076	0.0028		0.0067		0.0171	0.0025	0.0120
6/6/2010 13:00		0.0123	-0.0071	0.0031		0.0079		0.0171	0.0017	0.0118
6/6/2010 13:15		0.0123	-0.0067	0.0033		0.0085		0.0167	0.0017	0.0115

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/6/2010 13:30		0.0128	-0.0072	0.0033		0.0097		0.0163	0.0025	0.0115
6/6/2010 13:45		0.0129	-0.0067	0.0036		0.0108		0.0159	0.0017	0.0110
6/6/2010 14:00		0.0132	-0.0063	0.0040		0.0120		0.0167	0.0017	0.0115
6/6/2010 14:15		0.0132	-0.0059	0.0042		0.0132		0.0163	0.0017	0.0112
6/6/2010 14:30		0.0134	-0.0059	0.0043		0.0138		0.0163	0.0017	0.0112
6/6/2010 14:45		0.0133	-0.0063	0.0040		0.0144		0.0155	0.0017	0.0107
6/6/2010 15:00		0.0134	-0.0064	0.0040		0.0144		0.0151	0.0017	0.0104
6/6/2010 15:15		0.0132	-0.0068	0.0037		0.0150		0.0147	0.0017	0.0102
6/6/2010 15:30		0.0122	-0.0076	0.0028		0.0144		0.0131	0.0017	0.0091
6/6/2010 15:45		0.0116	-0.0085	0.0021		0.0132		0.0119	0.0010	0.0081
6/6/2010 16:00		0.0115	-0.0080	0.0022		0.0126		0.0115	0.0017	0.0081
6/6/2010 16:15		0.0115	-0.0076	0.0025		0.0126		0.0123	0.0017	0.0086
6/6/2010 16:30		0.0116	-0.0076	0.0025		0.0126		0.0127	0.0010	0.0086
6/6/2010 16:45		0.0110	-0.0089	0.0016		0.0120		0.0115	0.0017	0.0081
6/6/2010 17:00		0.0105	-0.0085	0.0015		0.0109		0.0107	0.0017	0.0075
6/6/2010 17:15		0.0094	-0.0102	0.0001		0.0091		0.0095	0.0017	0.0068
6/6/2010 17:30		0.0083	-0.0114	-0.0010		0.0062		0.0074	0.0017	0.0054
6/6/2010 17:45		0.0086	-0.0102	-0.0003		0.0056		0.0082	0.0025	0.0062
6/6/2010 18:00		0.0084	-0.0110	-0.0008		0.0038		0.0082	0.0017	0.0060
6/6/2010 18:15		0.0082	-0.0114	-0.0011		0.0026		0.0087	0.0017	0.0062
6/6/2010 18:30		0.0082	-0.0106	-0.0007		0.0026		0.0099	0.0017	0.0070
6/6/2010 18:45		0.0079	-0.0115	-0.0013		0.0009		0.0090	0.0017	0.0065
6/6/2010 19:00		0.0073	-0.0124	-0.0020		-0.0009		0.0086	0.0017	0.0062
6/6/2010 19:15		0.0059	-0.0140	-0.0035		-0.0044		0.0066	0.0009	0.0046
6/6/2010 19:30		0.0053	-0.0145	-0.0040		-0.0067		0.0058	0.0017	0.0044
6/6/2010 19:45		0.0053	-0.0141	-0.0039		-0.0079		0.0066	0.0016	0.0049
6/6/2010 20:00		0.0045	-0.0149	-0.0047		-0.0103		0.0062	0.0024	0.0049
6/6/2010 20:15		0.0041	-0.0146	-0.0047		-0.0126		0.0066	0.0016	0.0049
6/6/2010 20:30		0.0045	-0.0142	-0.0043		-0.0132		0.0078	0.0016	0.0057
6/6/2010 20:45		0.0038	-0.0150	-0.0051		-0.0149		0.0078	0.0016	0.0056
6/6/2010 21:00		0.0031	-0.0142	-0.0051		-0.0161		0.0074	0.0024	0.0056
6/6/2010 21:15		0.0029	-0.0147	-0.0054		-0.0173		0.0078	0.0016	0.0056
6/6/2010 21:30		0.0024	-0.0168	-0.0067		-0.0196		0.0070	0.0016	0.0051
6/6/2010 21:45		0.0017	-0.0172	-0.0073		-0.0225		0.0058	0.0016	0.0043

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/6/2010 22:00		0.0014	-0.0160	-0.0068		-0.0237		0.0070	0.0023	0.0053
6/6/2010 22:15		0.0019	-0.0156	-0.0064		-0.0243		0.0082	0.0023	0.0061
6/6/2010 22:30		0.0025	-0.0148	-0.0057		-0.0243		0.0098	0.0023	0.0072
6/6/2010 22:45		0.0030	-0.0140	-0.0050		-0.0237		0.0118	0.0023	0.0085
6/6/2010 23:00		0.0035	-0.0144	-0.0050		-0.0231		0.0122	0.0023	0.0087
6/6/2010 23:15		0.0037	-0.0140	-0.0047		-0.0225		0.0126	0.0023	0.0090
6/6/2010 23:30		0.0035	-0.0140	-0.0048		-0.0225		0.0126	0.0015	0.0087
6/6/2010 23:45		0.0037	-0.0140	-0.0047		-0.0225		0.0126	0.0023	0.0090
6/7/2010 0:00		0.0037	-0.0136	-0.0045		-0.0219		0.0130	0.0015	0.0090
6/7/2010 0:15		0.0040	-0.0140	-0.0045		-0.0225		0.0126	0.0023	0.0090
6/7/2010 0:30		0.0050	-0.0119	-0.0030		-0.0213		0.0142	0.0023	0.0100
6/7/2010 0:45		0.0063	-0.0103	-0.0015		-0.0183		0.0162	0.0023	0.0113
6/7/2010 1:00		0.0074	-0.0099	-0.0008		-0.0160		0.0178	0.0015	0.0121
6/7/2010 1:15		0.0080	-0.0090	-0.0001		-0.0136		0.0186	0.0015	0.0127
6/7/2010 1:30		0.0083	-0.0095	-0.0001		-0.0112		0.0182	0.0015	0.0124
6/7/2010 1:45		0.0079	-0.0103	-0.0007		-0.0112		0.0162	0.0015	0.0111
6/7/2010 2:00		0.0077	-0.0107	-0.0010		-0.0112		0.0154	0.0007	0.0103
6/7/2010 2:15		0.0074	-0.0099	-0.0008		-0.0106		0.0146	0.0023	0.0103
6/7/2010 2:30		0.0081	-0.0095	-0.0002		-0.0106		0.0150	0.0015	0.0103
6/7/2010 2:45		0.0084	-0.0091	0.0001		-0.0088		0.0154	0.0015	0.0105
6/7/2010 3:00		0.0083	-0.0095	-0.0001		-0.0082		0.0150	0.0015	0.0103
6/7/2010 3:15		0.0085	-0.0091	0.0002		-0.0076		0.0146	0.0015	0.0100
6/7/2010 3:30		0.0080	-0.0099	-0.0005		-0.0076		0.0138	0.0015	0.0095
6/7/2010 3:45		0.0076	-0.0112	-0.0013		-0.0088		0.0126	0.0015	0.0087
6/7/2010 4:00		0.0072	-0.0104	-0.0011		-0.0088		0.0126	0.0015	0.0087
6/7/2010 4:15		0.0073	-0.0108	-0.0013		-0.0094		0.0121	0.0015	0.0084
6/7/2010 4:30		0.0073	-0.0108	-0.0013		-0.0100		0.0117	0.0015	0.0082
6/7/2010 4:45		0.0073	-0.0108	-0.0013		-0.0100		0.0121	0.0015	0.0084
6/7/2010 5:00		0.0066	-0.0113	-0.0019		-0.0106		0.0113	0.0015	0.0079
6/7/2010 5:15		0.0060	-0.0121	-0.0026		-0.0117		0.0101	0.0014	0.0071
6/7/2010 5:30		0.0058	-0.0130	-0.0031		-0.0135		0.0097	0.0014	0.0068
6/7/2010 5:45		0.0050	-0.0126	-0.0033		-0.0147		0.0093	0.0014	0.0066
6/7/2010 6:00		0.0049	-0.0126	-0.0034		-0.0158		0.0093	0.0014	0.0066
6/7/2010 6:15		0.0047	-0.0130	-0.0037		-0.0164		0.0089	0.0022	0.0066

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/7/2010 6:30		0.0046	-0.0138	-0.0041		-0.0182		0.0089	0.0014	0.0063
6/7/2010 6:45		0.0036	-0.0143	-0.0048		-0.0199		0.0081	0.0014	0.0058
6/7/2010 7:00		0.0031	-0.0151	-0.0055		-0.0223		0.0077	0.0014	0.0055
6/7/2010 7:15		0.0022	-0.0156	-0.0062		-0.0241		0.0065	0.0022	0.0050
6/7/2010 7:30		0.0015	-0.0160	-0.0068		-0.0258		0.0065	0.0014	0.0047
6/7/2010 7:45		0.0011	-0.0164	-0.0072		-0.0282		0.0065	0.0014	0.0047
6/7/2010 8:00		0.0007	-0.0169	-0.0076		-0.0299		0.0065	0.0014	0.0047
6/7/2010 8:15		0.0005	-0.0173	-0.0079		-0.0311		0.0069	0.0014	0.0050
6/7/2010 8:30		-0.0001	-0.0177	-0.0084		-0.0329		0.0069	0.0021	0.0052
6/7/2010 8:45		-0.0008	-0.0182	-0.0090		-0.0346		0.0065	0.0014	0.0047
6/7/2010 9:00		-0.0013	-0.0190	-0.0097		-0.0376		0.0061	0.0014	0.0044
6/7/2010 9:15		-0.0023	-0.0194	-0.0104		-0.0393		0.0053	0.0021	0.0042
6/7/2010 9:30		-0.0028	-0.0198	-0.0109		-0.0411		0.0053	0.0014	0.0039
6/7/2010 9:45		-0.0033	-0.0199	-0.0111		-0.0429		0.0053	0.0021	0.0042
6/7/2010 10:00		-0.0034	-0.0194	-0.0110		-0.0441		0.0061	0.0021	0.0047
6/7/2010 10:15		-0.0032	-0.0194	-0.0108		-0.0447		0.0073	0.0021	0.0055
6/7/2010 10:30		-0.0032	-0.0194	-0.0109		-0.0453		0.0081	0.0014	0.0057
6/7/2010 10:45		-0.0030	-0.0198	-0.0110		-0.0464		0.0081	0.0021	0.0060
6/7/2010 11:00		-0.0031	-0.0194	-0.0108		-0.0470		0.0089	0.0021	0.0065
6/7/2010 11:15		-0.0029	-0.0194	-0.0107		-0.0476		0.0093	0.0021	0.0068
6/7/2010 11:30		-0.0030	-0.0194	-0.0107		-0.0470		0.0097	0.0021	0.0071
6/7/2010 11:45		-0.0026	-0.0186	-0.0101		-0.0470		0.0105	0.0021	0.0076
6/7/2010 12:00		-0.0025	-0.0182	-0.0099		-0.0470		0.0113	0.0021	0.0081
6/7/2010 12:15		-0.0020	-0.0177	-0.0094		-0.0464		0.0121	0.0021	0.0086
6/7/2010 12:30		-0.0015	-0.0169	-0.0088		-0.0453		0.0133	0.0021	0.0094
6/7/2010 12:45		-0.0010	-0.0165	-0.0083		-0.0447		0.0137	0.0021	0.0097
6/7/2010 13:00		-0.0004	-0.0161	-0.0078		-0.0435		0.0145	0.0021	0.0102
6/7/2010 13:15		0.0004	-0.0156	-0.0072		-0.0417		0.0153	0.0021	0.0107
6/7/2010 13:30		0.0009	-0.0152	-0.0067		-0.0352		0.0157	0.0021	0.0110
6/7/2010 13:45		0.0015	-0.0148	-0.0062		-0.0276		0.0157	0.0021	0.0110
6/7/2010 14:00		0.0016	-0.0144	-0.0060		-0.0246		0.0157	0.0014	0.0107
6/7/2010 14:15		0.0018	-0.0148	-0.0061		-0.0240		0.0149	0.0021	0.0105
6/7/2010 14:30		0.0020	-0.0144	-0.0057		-0.0228		0.0149	0.0021	0.0105
6/7/2010 14:45		0.0026	-0.0144	-0.0054		-0.0217		0.0149	0.0021	0.0105

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/7/2010 15:00		0.0030	-0.0144	-0.0052		-0.0134		0.0149	0.0014	0.0102
6/7/2010 15:15		0.0031	-0.0144	-0.0052		-0.0110		0.0145	0.0014	0.0099
6/7/2010 15:30		0.0031	-0.0140	-0.0049		-0.0105		0.0145	0.0021	0.0102
6/7/2010 15:45		0.0032	-0.0140	-0.0049		-0.0098		0.0141	0.0021	0.0099
6/7/2010 16:00		0.0034	-0.0144	-0.0050		-0.0110		0.0137	0.0014	0.0094
6/7/2010 16:15		0.0029	-0.0144	-0.0053		-0.0104		0.0129	0.0014	0.0089
6/7/2010 16:30		0.0030	-0.0148	-0.0054		-0.0104		0.0125	0.0014	0.0086
6/7/2010 16:45		0.0029	-0.0148	-0.0055		-0.0116		0.0117	0.0021	0.0084
6/7/2010 17:00		0.0024	-0.0153	-0.0059		-0.0116		0.0113	0.0021	0.0081
6/7/2010 17:15		0.0026	-0.0157	-0.0060		-0.0128		0.0109	0.0021	0.0078
6/7/2010 17:30		0.0020	-0.0149	-0.0060		-0.0128		0.0109	0.0021	0.0078
6/7/2010 17:45		0.0022	-0.0148	-0.0058		-0.0134		0.0113	0.0021	0.0081
6/7/2010 18:00		0.0021	-0.0148	-0.0059		-0.0134		0.0117	0.0021	0.0084
6/7/2010 18:15		0.0027	-0.0148	-0.0056		-0.0140		0.0117	0.0021	0.0084
6/7/2010 18:30		0.0026	-0.0153	-0.0058		-0.0134		0.0117	0.0014	0.0081
6/7/2010 18:45		0.0022	-0.0161	-0.0065		-0.0145		0.0109	0.0014	0.0076
6/7/2010 19:00		0.0016	-0.0161	-0.0068		-0.0157		0.0101	0.0021	0.0073
6/7/2010 19:15		0.0018	-0.0161	-0.0067		-0.0163		0.0105	0.0021	0.0076
6/7/2010 19:30		0.0016	-0.0166	-0.0070		-0.0169		0.0105	0.0021	0.0076
6/7/2010 19:45		0.0014	-0.0166	-0.0071		-0.0175		0.0105	0.0021	0.0076
6/7/2010 20:00		0.0013	-0.0166	-0.0071		-0.0187		0.0105	0.0021	0.0076
6/7/2010 20:15		0.0014	-0.0162	-0.0069		-0.0186		0.0109	0.0021	0.0078
6/7/2010 20:30		0.0015	-0.0166	-0.0071		-0.0192		0.0113	0.0021	0.0081
6/7/2010 20:45		0.0014	-0.0162	-0.0069		-0.0186		0.0117	0.0021	0.0083
6/7/2010 21:00		0.0016	-0.0154	-0.0064		-0.0186		0.0121	0.0021	0.0086
6/7/2010 21:15		0.0016	-0.0154	-0.0064		-0.0180		0.0125	0.0021	0.0089
6/7/2010 21:30		0.0017	-0.0154	-0.0064		-0.0180		0.0125	0.0021	0.0089
6/7/2010 21:45		0.0022	-0.0154	-0.0061		-0.0174		0.0125	0.0021	0.0088
6/7/2010 22:00		0.0023	-0.0150	-0.0059		-0.0174		0.0133	0.0021	0.0094
6/7/2010 22:15		0.0026	-0.0142	-0.0053		-0.0168		0.0133	0.0028	0.0096
6/7/2010 22:30		0.0027	-0.0142	-0.0053		-0.0156		0.0137	0.0021	0.0096
6/7/2010 22:45		0.0029	-0.0134	-0.0048		-0.0150		0.0145	0.0021	0.0101
6/7/2010 23:00		0.0036	-0.0125	-0.0040		-0.0133		0.0149	0.0028	0.0107
6/7/2010 23:15		0.0044	-0.0121	-0.0034		-0.0115		0.0157	0.0021	0.0109

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/7/2010 23:30		0.0054	-0.0117	-0.0027		-0.0097		0.0165	0.0013	0.0112
6/7/2010 23:45		0.0060	-0.0109	-0.0020		-0.0080		0.0169	0.0021	0.0117
6/8/2010 0:00		0.0062	-0.0104	-0.0017		-0.0062		0.0165	0.0021	0.0115
6/8/2010 0:15		0.0068	-0.0104	-0.0014		-0.0044		0.0169	0.0021	0.0117
6/8/2010 0:30		0.0074	-0.0100	-0.0008		-0.0027		0.0169	0.0021	0.0117
6/8/2010 0:45		0.0080	-0.0092	-0.0001		-0.0015		0.0173	0.0013	0.0117
6/8/2010 1:00		0.0089	-0.0084	0.0007		0.0015		0.0177	0.0021	0.0122
6/8/2010 1:15		0.0094	-0.0075	0.0014		0.0033		0.0181	0.0021	0.0125
6/8/2010 1:30		0.0100	-0.0071	0.0019		0.0062		0.0185	0.0013	0.0125
6/8/2010 1:45		0.0104	-0.0067	0.0023		0.0086		0.0185	0.0020	0.0128
6/8/2010 2:00		0.0107	-0.0063	0.0027		0.0098		0.0181	0.0020	0.0125
6/8/2010 2:15		0.0111	-0.0059	0.0031		0.0121		0.0181	0.0013	0.0122
6/8/2010 2:30		0.0115	-0.0055	0.0035		0.0139		0.0177	0.0013	0.0120
6/8/2010 2:45		0.0118	-0.0055	0.0036		0.0157		0.0177	0.0013	0.0120
6/8/2010 3:00		0.0121	-0.0051	0.0040		0.0175		0.0177	0.0013	0.0120
6/8/2010 3:15		0.0124	-0.0047	0.0044		0.0198		0.0173	0.0013	0.0117
6/8/2010 3:30		0.0127	-0.0051	0.0043		0.0204		0.0169	0.0013	0.0114
6/8/2010 3:45		0.0127	-0.0047	0.0045		0.0222		0.0165	0.0013	0.0112
6/8/2010 4:00		0.0127	-0.0051	0.0043		0.0234		0.0161	0.0013	0.0109
6/8/2010 4:15		0.0127	-0.0051	0.0043		0.0245		0.0157	0.0005	0.0104
6/8/2010 4:30		0.0125	-0.0051	0.0042		0.0246		0.0153	0.0013	0.0104
6/8/2010 4:45		0.0122	-0.0051	0.0040		0.0251		0.0149	0.0013	0.0101
6/8/2010 5:00		0.0122	-0.0055	0.0038		0.0257		0.0145	0.0005	0.0096
6/8/2010 5:15		0.0122	-0.0059	0.0036		0.0263		0.0136	0.0013	0.0093
6/8/2010 5:30		0.0116	-0.0060	0.0033		0.0263		0.0132	0.0005	0.0088
6/8/2010 5:45		0.0113	-0.0064	0.0029		0.0258		0.0128	0.0005	0.0085
6/8/2010 6:00		0.0110	-0.0073	0.0024		0.0258		0.0120	0.0005	0.0080
6/8/2010 6:15		0.0104	-0.0073	0.0020		0.0252		0.0112	0.0012	0.0077
6/8/2010 6:30		0.0098	-0.0081	0.0013		0.0240		0.0108	0.0005	0.0072
6/8/2010 6:45		0.0093	-0.0086	0.0008		0.0228		0.0100	0.0012	0.0069
6/8/2010 7:00		0.0087	-0.0090	0.0004		0.0217		0.0100	0.0012	0.0069
6/8/2010 7:15		0.0077	-0.0094	-0.0004		0.0205		0.0096	0.0005	0.0064
6/8/2010 7:30		0.0073	-0.0107	-0.0012		0.0187		0.0088	0.0012	0.0062
6/8/2010 7:45		0.0069	-0.0107	-0.0014		0.0181		0.0088	0.0012	0.0061

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/8/2010 8:00		0.0060	-0.0115	-0.0023		0.0158		0.0084	0.0012	0.0059
6/8/2010 8:15		0.0055	-0.0124	-0.0029		0.0134		0.0076	0.0005	0.0051
6/8/2010 8:30		0.0046	-0.0124	-0.0034		0.0117		0.0076	0.0012	0.0054
6/8/2010 8:45		0.0039	-0.0133	-0.0042		0.0105		0.0072	0.0012	0.0051
6/8/2010 9:00		0.0031	-0.0137	-0.0049		0.0082		0.0068	0.0012	0.0048
6/8/2010 9:15		0.0026	-0.0137	-0.0051		0.0064		0.0072	0.0012	0.0051
6/8/2010 9:30		0.0019	-0.0145	-0.0059		0.0052		0.0068	0.0012	0.0048
6/8/2010 9:45		0.0010	-0.0149	-0.0066		0.0023		0.0064	0.0012	0.0046
6/8/2010 10:00		0.0007	-0.0158	-0.0071		-0.0001		0.0060	0.0012	0.0043
6/8/2010 10:15		-0.0001	-0.0166	-0.0079		-0.0019		0.0056	0.0012	0.0040
6/8/2010 10:30		-0.0011	-0.0166	-0.0085		-0.0048		0.0052	0.0019	0.0040
6/8/2010 10:45		-0.0010	-0.0170	-0.0086		-0.0060		0.0056	0.0019	0.0043
6/8/2010 11:00		-0.0013	-0.0166	-0.0085		-0.0078		0.0060	0.0019	0.0046
6/8/2010 11:15		-0.0014	-0.0166	-0.0086		-0.0090		0.0068	0.0012	0.0048
6/8/2010 11:30		-0.0014	-0.0170	-0.0088		-0.0101		0.0072	0.0019	0.0054
6/8/2010 11:45		-0.0010	-0.0174	-0.0088		-0.0107		0.0076	0.0019	0.0056
6/8/2010 12:00		-0.0013	-0.0174	-0.0089		-0.0125		0.0080	0.0020	0.0059
6/8/2010 12:15		-0.0013	-0.0174	-0.0089		-0.0137		0.0084	0.0020	0.0061
6/8/2010 12:30		-0.0009	-0.0174	-0.0087		-0.0143		0.0092	0.0020	0.0067
6/8/2010 12:45		-0.0009	-0.0170	-0.0085		-0.0143		0.0092	0.0027	0.0069
6/8/2010 13:00		-0.0007	-0.0161	-0.0080		-0.0143		0.0108	0.0020	0.0077
6/8/2010 13:15		0.0004	-0.0157	-0.0072		-0.0137		0.0116	0.0027	0.0085
6/8/2010 13:30		0.0003	-0.0157	-0.0073		-0.0131		0.0116	0.0027	0.0085
6/8/2010 13:45		0.0006	-0.0153	-0.0069		-0.0131		0.0120	0.0020	0.0085
6/8/2010 14:00		0.0013	-0.0149	-0.0064		-0.0125		0.0128	0.0020	0.0090
6/8/2010 14:15		0.0015	-0.0149	-0.0062		-0.0125		0.0128	0.0027	0.0093
6/8/2010 14:30		0.0013	-0.0149	-0.0064		-0.0125		0.0124	0.0020	0.0088
6/8/2010 14:45		0.0014	-0.0144	-0.0061		-0.0125		0.0128	0.0020	0.0090
6/8/2010 15:00		0.0020	-0.0140	-0.0056		-0.0114		0.0132	0.0020	0.0093
6/8/2010 15:15		0.0023	-0.0140	-0.0054		-0.0114		0.0132	0.0020	0.0093
6/8/2010 15:30		0.0023	-0.0144	-0.0056		-0.0108		0.0128	0.0020	0.0090
6/8/2010 15:45		0.0028	-0.0140	-0.0052		-0.0108		0.0132	0.0020	0.0093
6/8/2010 16:00		0.0030	-0.0136	-0.0049		-0.0102		0.0132	0.0020	0.0093
6/8/2010 16:15		0.0034	-0.0140	-0.0048		-0.0096		0.0132	0.0020	0.0093

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/8/2010 16:30		0.0032	-0.0136	-0.0048		-0.0096		0.0132	0.0020	0.0093
6/8/2010 16:45		0.0033	-0.0140	-0.0049		-0.0090		0.0128	0.0020	0.0090
6/8/2010 17:00		0.0030	-0.0140	-0.0051		-0.0096		0.0124	0.0012	0.0085
6/8/2010 17:15		0.0030	-0.0149	-0.0055		-0.0102		0.0116	0.0020	0.0083
6/8/2010 17:30		0.0026	-0.0149	-0.0056		-0.0114		0.0112	0.0020	0.0080
6/8/2010 17:45		0.0028	-0.0149	-0.0056		-0.0114		0.0112	0.0020	0.0080
6/8/2010 18:00		0.0025	-0.0153	-0.0059		-0.0120		0.0108	0.0020	0.0077
6/8/2010 18:15		0.0020	-0.0157	-0.0064		-0.0131		0.0100	0.0020	0.0072
6/8/2010 18:30		0.0019	-0.0157	-0.0064		-0.0143		0.0100	0.0020	0.0072
6/8/2010 18:45		0.0016	-0.0161	-0.0068		-0.0149		0.0100	0.0020	0.0072
6/8/2010 19:00		0.0010	-0.0170	-0.0075		-0.0167		0.0092	0.0020	0.0067
6/8/2010 19:15		0.0008	-0.0170	-0.0076		-0.0178		0.0092	0.0020	0.0067
6/8/2010 19:30		0.0008	-0.0166	-0.0074		-0.0184		0.0100	0.0020	0.0072
6/8/2010 19:45		0.0005	-0.0174	-0.0080		-0.0196		0.0096	0.0027	0.0072
6/8/2010 20:00		0.0002	-0.0174	-0.0081		-0.0202		0.0100	0.0020	0.0072
6/8/2010 20:15		0.0000	-0.0170	-0.0080		-0.0208		0.0100	0.0020	0.0072
6/8/2010 20:30		-0.0002	-0.0178	-0.0085		-0.0220		0.0096	0.0020	0.0069
6/8/2010 20:45		-0.0008	-0.0179	-0.0089		-0.0237		0.0096	0.0019	0.0069
6/8/2010 21:00		-0.0011	-0.0179	-0.0090		-0.0243		0.0096	0.0027	0.0072
6/8/2010 21:15		-0.0012	-0.0183	-0.0093		-0.0255		0.0096	0.0019	0.0069
6/8/2010 21:30		-0.0015	-0.0179	-0.0093		-0.0261		0.0096	0.0027	0.0072
6/8/2010 21:45		-0.0014	-0.0183	-0.0094		-0.0266		0.0104	0.0019	0.0074
6/8/2010 22:00		-0.0016	-0.0187	-0.0097		-0.0272		0.0100	0.0019	0.0072
6/8/2010 22:15		-0.0017	-0.0179	-0.0094		-0.0278		0.0108	0.0027	0.0080
6/8/2010 22:30		-0.0014	-0.0179	-0.0092		-0.0278		0.0112	0.0019	0.0080
6/8/2010 22:45		-0.0014	-0.0179	-0.0092		-0.0278		0.0112	0.0019	0.0080
6/8/2010 23:00		-0.0012	-0.0171	-0.0087		-0.0272		0.0120	0.0019	0.0085
6/8/2010 23:15		-0.0008	-0.0171	-0.0085		-0.0272		0.0124	0.0027	0.0090
6/8/2010 23:30		-0.0004	-0.0166	-0.0081		-0.0266		0.0128	0.0027	0.0093
6/8/2010 23:45		0.0000	-0.0158	-0.0075		-0.0255		0.0136	0.0027	0.0098
6/9/2010 0:00		0.0004	-0.0150	-0.0069		-0.0243		0.0144	0.0019	0.0101
6/9/2010 0:15		0.0013	-0.0145	-0.0062		-0.0231		0.0152	0.0019	0.0106
6/9/2010 0:30		0.0025	-0.0137	-0.0052		-0.0207		0.0156	0.0019	0.0108
6/9/2010 0:45		0.0032	-0.0133	-0.0046		-0.0190		0.0164	0.0019	0.0114

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/9/2010 1:00		0.0034	-0.0121	-0.0039		-0.0172		0.0168	0.0019	0.0116
6/9/2010 1:15		0.0045	-0.0116	-0.0031		-0.0148		0.0168	0.0019	0.0116
6/9/2010 1:30		0.0050	-0.0112	-0.0026		-0.0131		0.0172	0.0019	0.0119
6/9/2010 1:45		0.0061	-0.0104	-0.0017		-0.0101		0.0176	0.0027	0.0124
6/9/2010 2:00		0.0073	-0.0095	-0.0007		-0.0072		0.0184	0.0019	0.0127
6/9/2010 2:15		0.0081	-0.0087	0.0002		-0.0048		0.0188	0.0019	0.0129
6/9/2010 2:30		0.0090	-0.0079	0.0010		-0.0013		0.0192	0.0019	0.0132
6/9/2010 2:45		0.0095	-0.0074	0.0015		0.0011		0.0188	0.0027	0.0132
6/9/2010 3:00		0.0099	-0.0066	0.0021		0.0034		0.0188	0.0019	0.0129
6/9/2010 3:15		0.0110	-0.0062	0.0029		0.0064		0.0192	0.0019	0.0132
6/9/2010 3:30		0.0112	-0.0053	0.0034		0.0087		0.0193	0.0020	0.0132
6/9/2010 3:45		0.0126	-0.0049	0.0044		0.0117		0.0188	0.0020	0.0130
6/9/2010 4:00		0.0132	-0.0045	0.0048		0.0146		0.0192	0.0012	0.0130
6/9/2010 4:15		0.0134	-0.0040	0.0052		0.0170		0.0188	0.0019	0.0130
6/9/2010 4:30		0.0142	-0.0036	0.0058		0.0194		0.0184	0.0019	0.0127
6/9/2010 4:45		0.0137	-0.0036	0.0055		0.0211		0.0180	0.0012	0.0122
6/9/2010 5:00		0.0143	-0.0040	0.0056		0.0229		0.0172	0.0012	0.0116
6/9/2010 5:15		0.0142	-0.0040	0.0056		0.0241		0.0164	0.0012	0.0111
6/9/2010 5:30		0.0139	-0.0036	0.0056		0.0253		0.0164	0.0012	0.0111
6/9/2010 5:45		0.0143	-0.0036	0.0058		0.0264		0.0160	0.0012	0.0109
6/9/2010 6:00		0.0142	-0.0036	0.0058		0.0276		0.0156	0.0012	0.0106
6/9/2010 6:15		0.0144	-0.0040	0.0057		0.0288		0.0152	0.0012	0.0103
6/9/2010 6:30		0.0142	-0.0045	0.0054		0.0294		0.0148	0.0004	0.0098
6/9/2010 6:45		0.0139	-0.0049	0.0050		0.0300		0.0140	0.0012	0.0095
6/9/2010 7:00		0.0134	-0.0053	0.0046		0.0294		0.0132	0.0012	0.0090
6/9/2010 7:15		0.0128	-0.0057	0.0040		0.0294		0.0124	0.0012	0.0085
6/9/2010 7:30		0.0125	-0.0061	0.0037		0.0288		0.0116	0.0012	0.0080
6/9/2010 7:45		0.0118	-0.0061	0.0033		0.0282		0.0116	0.0004	0.0077
6/9/2010 8:00		0.0116	-0.0066	0.0030		0.0276		0.0112	0.0012	0.0077
6/9/2010 8:15		0.0112	-0.0070	0.0026		0.0270		0.0112	0.0005	0.0075
6/9/2010 8:30		0.0106	-0.0074	0.0021		0.0264		0.0104	0.0012	0.0072
6/9/2010 8:45		0.0101	-0.0078	0.0016		0.0258		0.0104	0.0005	0.0069
6/9/2010 9:00		0.0096	-0.0090	0.0008		0.0240		0.0096	0.0005	0.0064
6/9/2010 9:15		0.0088	-0.0094	0.0002		0.0223		0.0088	0.0012	0.0061

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/9/2010 9:30		0.0084	-0.0103	-0.0004		0.0205		0.0084	0.0012	0.0059
6/9/2010 9:45		0.0075	-0.0103	-0.0009		0.0199		0.0084	0.0012	0.0059
6/9/2010 10:00		0.0074	-0.0103	-0.0009		0.0187		0.0084	0.0012	0.0059
6/9/2010 10:15		0.0070	-0.0102	-0.0011		0.0175		0.0092	0.0012	0.0064
6/9/2010 10:30		0.0071	-0.0106	-0.0013		0.0169		0.0096	0.0005	0.0064
6/9/2010 10:45		0.0067	-0.0106	-0.0015		0.0157		0.0092	0.0012	0.0064
6/9/2010 11:00		0.0068	-0.0110	-0.0016		0.0145		0.0096	0.0012	0.0067
6/9/2010 11:15		0.0064	-0.0110	-0.0018		0.0145		0.0096	0.0013	0.0067
6/9/2010 11:30		0.0064	-0.0106	-0.0016		0.0139		0.0104	0.0013	0.0072
6/9/2010 11:45		0.0065	-0.0101	-0.0014		0.0145		0.0108	0.0020	0.0078
6/9/2010 12:00		0.0072	-0.0101	-0.0010		0.0151		0.0120	0.0020	0.0086
6/9/2010 12:15		0.0073	-0.0093	-0.0005		0.0157		0.0125	0.0020	0.0088
6/9/2010 12:30		0.0081	-0.0084	0.0003		0.0169		0.0137	0.0020	0.0096
6/9/2010 12:45		0.0085	-0.0088	0.0003		0.0180		0.0141	0.0020	0.0099
6/9/2010 13:00		0.0084	-0.0088	0.0003		0.0186		0.0141	0.0013	0.0096
6/9/2010 13:15		0.0090	-0.0080	0.0010		0.0198		0.0145	0.0020	0.0101
6/9/2010 13:30		0.0098	-0.0071	0.0018		0.0221		0.0153	0.0020	0.0107
6/9/2010 13:45		0.0104	-0.0071	0.0021		0.0233		0.0161	0.0013	0.0109
6/9/2010 14:00		0.0111	-0.0058	0.0031		0.0251		0.0177	0.0021	0.0123
6/9/2010 14:15		0.0119	-0.0062	0.0033		0.0262		0.0185	0.0021	0.0128
6/9/2010 14:30		0.0115	-0.0062	0.0031		0.0274		0.0189	0.0013	0.0128
6/9/2010 14:45		0.0117	-0.0066	0.0030		0.0280		0.0193	0.0006	0.0128
6/9/2010 15:00		0.0120	-0.0057	0.0036		0.0286		0.0197	0.0013	0.0133
6/9/2010 15:15		0.0132	-0.0049	0.0047		0.0303		0.0217	0.0014	0.0146
6/9/2010 15:30		0.0142	-0.0032	0.0060		0.0327		0.0246	0.0014	0.0165
6/9/2010 15:45		0.0157	-0.0019	0.0074		0.0368		0.0274	0.0021	0.0186
6/9/2010 16:00		0.0166	-0.0015	0.0081		0.0397		0.0302	0.0021	0.0204
6/9/2010 16:15		0.0171	-0.0019	0.0081		0.0415		0.0314	0.0014	0.0209
6/9/2010 16:30		0.0169	-0.0019	0.0080		0.0427		0.0322	0.0006	0.0212
6/9/2010 16:45		0.0171	-0.0014	0.0083		0.0438		0.0326	0.0014	0.0217
6/9/2010 17:00		0.0171	-0.0022	0.0080		0.0450		0.0330	0.0006	0.0217
6/9/2010 17:15		0.0168	-0.0026	0.0076		0.0456		0.0326	0.0006	0.0215
6/9/2010 17:30		0.0173	-0.0018	0.0083		0.0467		0.0330	0.0014	0.0220
6/9/2010 17:45		0.0173	-0.0018	0.0083		0.0479		0.0338	0.0007	0.0223

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/9/2010 18:00		0.0179	-0.0013	0.0088		0.0497		0.0351	0.0014	0.0233
6/9/2010 18:15		0.0182	-0.0017	0.0088		0.0508		0.0355	0.0014	0.0236
6/9/2010 18:30		0.0176	-0.0022	0.0082		0.0503		0.0351	0.0007	0.0231
6/9/2010 18:45		0.0174	-0.0030	0.0078		0.0508		0.0339	0.0007	0.0223
6/9/2010 19:00		0.0166	-0.0038	0.0069		0.0497		0.0322	0.0007	0.0212
6/9/2010 19:15		0.0160	-0.0034	0.0068		0.0491		0.0318	0.0007	0.0210
6/9/2010 19:30		0.0157	-0.0042	0.0063		0.0491		0.0311	0.0007	0.0205
6/9/2010 19:45		0.0154	-0.0042	0.0062		0.0479		0.0302	0.0007	0.0199
6/9/2010 20:00		0.0155	-0.0042	0.0062		0.0479		0.0298	0.0014	0.0199
6/9/2010 20:15		0.0150	-0.0042	0.0059		0.0479		0.0290	0.0015	0.0194
6/9/2010 20:30		0.0149	-0.0046	0.0057		0.0473		0.0286	0.0007	0.0189
6/9/2010 20:45		0.0142	-0.0050	0.0051		0.0467		0.0278	0.0007	0.0184
6/9/2010 21:00		0.0135	-0.0054	0.0046		0.0455		0.0266	0.0007	0.0176
6/9/2010 21:15		0.0135	-0.0058	0.0044		0.0449		0.0254	0.0007	0.0168
6/9/2010 21:30		0.0132	-0.0058	0.0042		0.0449		0.0250	0.0015	0.0168
6/9/2010 21:45		0.0131	-0.0058	0.0041		0.0443		0.0250	0.0015	0.0168
6/9/2010 22:00		0.0125	-0.0063	0.0036		0.0443		0.0238	0.0015	0.0160
6/9/2010 22:15		0.0119	-0.0071	0.0029		0.0425		0.0226	0.0007	0.0150
6/9/2010 22:30		0.0111	-0.0075	0.0023		0.0414		0.0210	0.0007	0.0139
6/9/2010 22:45		0.0107	-0.0079	0.0019		0.0396		0.0198	0.0007	0.0131
6/9/2010 23:00		0.0101	-0.0075	0.0018		0.0390		0.0190	0.0015	0.0129
6/9/2010 23:15		0.0104	-0.0075	0.0019		0.0384		0.0190	0.0007	0.0126
6/9/2010 23:30		0.0104	-0.0079	0.0017		0.0378		0.0186	0.0015	0.0126
6/9/2010 23:45		0.0099	-0.0079	0.0015		0.0378		0.0182	0.0007	0.0121
6/10/2010 0:00		0.0094	-0.0079	0.0012		0.0372		0.0174	0.0015	0.0118
6/10/2010 0:15		0.0094	-0.0084	0.0010		0.0361		0.0166	0.0015	0.0113
6/10/2010 0:30		0.0089	-0.0075	0.0011		0.0361		0.0166	0.0015	0.0113
6/10/2010 0:45		0.0092	-0.0071	0.0015		0.0361		0.0170	0.0015	0.0116
6/10/2010 1:00		0.0094	-0.0071	0.0016		0.0366		0.0178	0.0007	0.0118
6/10/2010 1:15		0.0102	-0.0067	0.0022		0.0372		0.0182	0.0015	0.0124
6/10/2010 1:30		0.0099	-0.0063	0.0023		0.0378		0.0190	0.0015	0.0129
6/10/2010 1:45		0.0103	-0.0062	0.0025		0.0384		0.0194	0.0015	0.0131
6/10/2010 2:00		0.0103	-0.0058	0.0026		0.0396		0.0202	0.0015	0.0137
6/10/2010 2:15		0.0106	-0.0058	0.0028		0.0402		0.0210	0.0015	0.0142

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/10/2010 2:30		0.0112	-0.0054	0.0033		0.0414		0.0222	0.0014	0.0150
6/10/2010 2:45		0.0112	-0.0050	0.0035		0.0420		0.0230	0.0014	0.0155
6/10/2010 3:00		0.0114	-0.0046	0.0038		0.0431		0.0242	0.0015	0.0163
6/10/2010 3:15		0.0119	-0.0042	0.0043		0.0449		0.0254	0.0014	0.0171
6/10/2010 3:30		0.0122	-0.0038	0.0046		0.0461		0.0270	0.0007	0.0178
6/10/2010 3:45		0.0128	-0.0034	0.0051		0.0479		0.0286	0.0014	0.0191
6/10/2010 4:00		0.0127	-0.0029	0.0053		0.0491		0.0294	0.0014	0.0197
6/10/2010 4:15		0.0130	-0.0030	0.0054		0.0502		0.0302	0.0014	0.0202
6/10/2010 4:30		0.0130	-0.0025	0.0056		0.0514		0.0314	0.0007	0.0207
6/10/2010 4:45		0.0135	-0.0030	0.0057		0.0526		0.0327	0.0007	0.0215
6/10/2010 5:00		0.0132	-0.0025	0.0058		0.0538		0.0331	0.0007	0.0218
6/10/2010 5:15		0.0132	-0.0026	0.0058		0.0544		0.0335	0.0007	0.0220
6/10/2010 5:30		0.0131	-0.0026	0.0057		0.0544		0.0343	0.0007	0.0225
6/10/2010 5:45		0.0127	-0.0030	0.0053		0.0550		0.0343	0.0007	0.0225
6/10/2010 6:00		0.0127	-0.0034	0.0051		0.0550		0.0343	0.0007	0.0225
6/10/2010 6:15		0.0124	-0.0034	0.0049		0.0556		0.0343	0.0007	0.0225
6/10/2010 6:30		0.0118	-0.0043	0.0042		0.0550		0.0335	0.0007	0.0220
6/10/2010 6:45		0.0111	-0.0047	0.0037		0.0538		0.0326	-0.0001	0.0212
6/10/2010 7:00		0.0106	-0.0055	0.0030		0.0526		0.0310	0.0007	0.0204
6/10/2010 7:15		0.0097	-0.0056	0.0025		0.0515		0.0302	0.0007	0.0199
6/10/2010 7:30		0.0094	-0.0060	0.0021		0.0503		0.0290	0.0007	0.0191
6/10/2010 7:45		0.0087	-0.0060	0.0017		0.0497		0.0278	0.0006	0.0183
6/10/2010 8:00		0.0080	-0.0072	0.0008		0.0485		0.0262	0.0006	0.0173
6/10/2010 8:15		0.0073	-0.0081	0.0000		0.0468		0.0246	0.0006	0.0162
6/10/2010 8:30		0.0062	-0.0085	-0.0008		0.0450		0.0226	0.0006	0.0149
6/10/2010 8:45		0.0058	-0.0093	-0.0013		0.0426		0.0210	0.0006	0.0139
6/10/2010 9:00		0.0051	-0.0093	-0.0017		0.0409		0.0198	0.0006	0.0131
6/10/2010 9:15		0.0048	-0.0098	-0.0021		0.0391		0.0181	0.0014	0.0123
6/10/2010 9:30		0.0041	-0.0106	-0.0028		0.0379		0.0165	0.0006	0.0110
6/10/2010 9:45		0.0034	-0.0110	-0.0034		0.0361		0.0149	0.0014	0.0102
6/10/2010 10:00		0.0024	-0.0118	-0.0043		0.0338		0.0129	0.0007	0.0086
6/10/2010 10:15		0.0016	-0.0122	-0.0049		0.0314		0.0105	0.0014	0.0073
6/10/2010 10:30		0.0012	-0.0131	-0.0056		0.0285		0.0085	0.0007	0.0058
6/10/2010 10:45		0.0004	-0.0135	-0.0062		0.0261		0.0061	0.0007	0.0042

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/10/2010 11:00		-0.0001	-0.0143	-0.0068		0.0237		0.0041	0.0014	0.0031
6/10/2010 11:15		-0.0009	-0.0143	-0.0072		0.0220		0.0033	0.0007	0.0024
6/10/2010 11:30		-0.0011	-0.0156	-0.0080		0.0190		0.0033	0.0014	0.0026
6/10/2010 11:45		-0.0019	-0.0160	-0.0085		0.0161		0.0029	0.0007	0.0021
6/10/2010 12:00		-0.0024	-0.0168	-0.0092		0.0137		0.0025	0.0014	0.0021
6/10/2010 12:15		-0.0031	-0.0172	-0.0098		0.0113		0.0025	0.0014	0.0021
6/10/2010 12:30		-0.0040	-0.0172	-0.0103		0.0090		0.0025	0.0014	0.0021
6/10/2010 12:45		-0.0041	-0.0181	-0.0107		0.0060		0.0029	0.0014	0.0024
6/10/2010 13:00		-0.0043	-0.0180	-0.0108		0.0042		0.0033	0.0022	0.0029
6/10/2010 13:15		-0.0044	-0.0181	-0.0109		0.0019		0.0045	0.0014	0.0034
6/10/2010 13:30		-0.0043	-0.0185	-0.0110		0.0001		0.0049	0.0014	0.0037
6/10/2010 13:45		-0.0044	-0.0180	-0.0108		-0.0005		0.0057	0.0022	0.0045
6/10/2010 14:00		-0.0042	-0.0180	-0.0107		-0.0017		0.0089	0.0014	0.0063
6/10/2010 14:15		-0.0038	-0.0180	-0.0105		-0.0029		0.0105	0.0022	0.0076
6/10/2010 14:30		-0.0041	-0.0176	-0.0105		-0.0040		0.0113	0.0014	0.0079
6/10/2010 14:45		-0.0033	-0.0176	-0.0101		-0.0052		0.0117	0.0022	0.0084
6/10/2010 15:00		-0.0034	-0.0172	-0.0099		-0.0052		0.0113	0.0029	0.0084
6/10/2010 15:15		-0.0029	-0.0172	-0.0097		-0.0052		0.0113	0.0022	0.0081
6/10/2010 15:30		-0.0025	-0.0163	-0.0090		-0.0046		0.0121	0.0022	0.0087
6/10/2010 15:45		-0.0017	-0.0155	-0.0082		-0.0046		0.0121	0.0022	0.0087
6/10/2010 16:00		-0.0010	-0.0151	-0.0077		-0.0040		0.0121	0.0022	0.0087
6/10/2010 16:15		-0.0003	-0.0151	-0.0073		-0.0029		0.0121	0.0022	0.0087
6/10/2010 16:30		-0.0004	-0.0143	-0.0070		-0.0023		0.0117	0.0022	0.0084
6/10/2010 16:45		0.0003	-0.0147	-0.0067		-0.0023		0.0117	0.0022	0.0084
6/10/2010 17:00		0.0003	-0.0142	-0.0066		-0.0017		0.0117	0.0022	0.0084
6/10/2010 17:15		0.0005	-0.0143	-0.0065		-0.0017		0.0117	0.0022	0.0084
6/10/2010 17:30		0.0008	-0.0143	-0.0063		-0.0011		0.0121	0.0014	0.0084
6/10/2010 17:45		0.0011	-0.0147	-0.0063		-0.0011		0.0121	0.0014	0.0084
6/10/2010 18:00		0.0013	-0.0147	-0.0063		-0.0011		0.0117	0.0022	0.0084
6/10/2010 18:15		0.0015	-0.0143	-0.0060		-0.0011		0.0117	0.0022	0.0084
6/10/2010 18:30		0.0015	-0.0143	-0.0059		-0.0017		0.0117	0.0014	0.0081
6/10/2010 18:45		0.0013	-0.0143	-0.0061		-0.0017		0.0117	0.0022	0.0084
6/10/2010 19:00		0.0016	-0.0143	-0.0059		-0.0017		0.0117	0.0022	0.0084
6/10/2010 19:15		0.0014	-0.0151	-0.0064		-0.0022		0.0113	0.0022	0.0081

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/10/2010 19:30		0.0009	-0.0152	-0.0067		-0.0034		0.0117	0.0014	0.0081
6/10/2010 19:45		0.0007	-0.0156	-0.0070		-0.0046		0.0113	0.0022	0.0081
6/10/2010 20:00		0.0003	-0.0156	-0.0072		-0.0052		0.0117	0.0014	0.0081
6/10/2010 20:15		0.0001	-0.0156	-0.0073		-0.0063		0.0113	0.0022	0.0081
6/10/2010 20:30		0.0000	-0.0160	-0.0076		-0.0069		0.0113	0.0022	0.0081
6/10/2010 20:45		-0.0002	-0.0161	-0.0077		-0.0081		0.0117	0.0021	0.0084
6/10/2010 21:00		-0.0002	-0.0161	-0.0077		-0.0087		0.0117	0.0021	0.0084
6/10/2010 21:15		-0.0008	-0.0165	-0.0082		-0.0098		0.0113	0.0021	0.0081
6/10/2010 21:30		-0.0013	-0.0165	-0.0085		-0.0110		0.0113	0.0021	0.0081
6/10/2010 21:45		-0.0014	-0.0174	-0.0089		-0.0128		0.0113	0.0021	0.0081
6/10/2010 22:00		-0.0019	-0.0174	-0.0092		-0.0139		0.0113	0.0021	0.0081
6/10/2010 22:15		-0.0021	-0.0174	-0.0093		-0.0145		0.0113	0.0021	0.0081
6/10/2010 22:30		-0.0023	-0.0175	-0.0095		-0.0157		0.0113	0.0021	0.0081
6/10/2010 22:45		-0.0021	-0.0175	-0.0094		-0.0163		0.0113	0.0028	0.0083
6/10/2010 23:00		-0.0023	-0.0175	-0.0095		-0.0163		0.0117	0.0021	0.0083
6/10/2010 23:15		-0.0024	-0.0175	-0.0095		-0.0168		0.0113	0.0021	0.0081
6/10/2010 23:30		-0.0023	-0.0175	-0.0095		-0.0174		0.0117	0.0021	0.0083
6/10/2010 23:45		-0.0024	-0.0171	-0.0093		-0.0174		0.0117	0.0021	0.0083
6/11/2010 0:00		-0.0021	-0.0171	-0.0092		-0.0180		0.0117	0.0021	0.0083
6/11/2010 0:15		-0.0018	-0.0167	-0.0088		-0.0180		0.0121	0.0021	0.0086
6/11/2010 0:30		-0.0019	-0.0163	-0.0087		-0.0180		0.0117	0.0021	0.0083
6/11/2010 0:45		-0.0013	-0.0159	-0.0082		-0.0174		0.0121	0.0028	0.0088
6/11/2010 1:00		-0.0006	-0.0146	-0.0072		-0.0156		0.0125	0.0021	0.0088
6/11/2010 1:15		0.0003	-0.0138	-0.0064		-0.0139		0.0125	0.0021	0.0088
6/11/2010 1:30		0.0011	-0.0125	-0.0054		-0.0121		0.0129	0.0021	0.0091
6/11/2010 1:45		0.0018	-0.0117	-0.0046		-0.0097		0.0125	0.0021	0.0088
6/11/2010 2:00		0.0026	-0.0121	-0.0044		-0.0074		0.0125	0.0020	0.0088
6/11/2010 2:15		0.0031	-0.0113	-0.0037		-0.0067		0.0125	0.0020	0.0088
6/11/2010 2:30		0.0040	-0.0105	-0.0029		-0.0044		0.0129	0.0020	0.0091
6/11/2010 2:45		0.0053	-0.0093	-0.0016		-0.0014		0.0133	0.0020	0.0093
6/11/2010 3:00		0.0064	-0.0080	-0.0004		0.0027		0.0133	0.0020	0.0093
6/11/2010 3:15		0.0077	-0.0063	0.0011		0.0062		0.0133	0.0020	0.0093
6/11/2010 3:30		0.0086	-0.0055	0.0019		0.0104		0.0133	0.0020	0.0093
6/11/2010 3:45		0.0093	-0.0055	0.0023		0.0127		0.0133	0.0020	0.0093

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/11/2010 4:00		0.0098	-0.0051	0.0027		0.0157		0.0133	0.0013	0.0091
6/11/2010 4:15		0.0102	-0.0047	0.0032		0.0181		0.0128	0.0013	0.0088
6/11/2010 4:30		0.0104	-0.0043	0.0035		0.0204		0.0128	0.0013	0.0088
6/11/2010 4:45		0.0111	-0.0034	0.0042		0.0228		0.0128	0.0013	0.0088
6/11/2010 5:00		0.0121	-0.0026	0.0051		0.0257		0.0136	0.0013	0.0093
6/11/2010 5:15		0.0124	-0.0022	0.0055		0.0287		0.0136	0.0012	0.0093
6/11/2010 5:30		0.0125	-0.0018	0.0057		0.0317		0.0132	0.0005	0.0088
6/11/2010 5:45		0.0128	-0.0018	0.0059		0.0334		0.0128	0.0012	0.0088
6/11/2010 6:00		0.0130	-0.0018	0.0060		0.0352		0.0128	0.0012	0.0088
6/11/2010 6:15		0.0129	-0.0019	0.0059		0.0376		0.0132	0.0005	0.0088
6/11/2010 6:30		0.0130	-0.0015	0.0062		0.0388		0.0132	0.0005	0.0088
6/11/2010 6:45		0.0132	-0.0019	0.0060		0.0406		0.0128	0.0005	0.0085
6/11/2010 7:00		0.0130	-0.0019	0.0059		0.0417		0.0128	-0.0003	0.0082
6/11/2010 7:15		0.0124	-0.0023	0.0054		0.0423		0.0124	-0.0003	0.0080
6/11/2010 7:30		0.0120	-0.0032	0.0048		0.0418		0.0120	0.0005	0.0080
6/11/2010 7:45		0.0111	-0.0036	0.0041		0.0418		0.0120	-0.0003	0.0077
6/11/2010 8:00		0.0107	-0.0045	0.0035		0.0412		0.0120	-0.0003	0.0077
6/11/2010 8:15		0.0100	-0.0045	0.0031		0.0406		0.0120	-0.0003	0.0077
6/11/2010 8:30		0.0097	-0.0049	0.0028		0.0406		0.0120	-0.0003	0.0077
6/11/2010 8:45		0.0090	-0.0049	0.0024		0.0400		0.0116	0.0004	0.0077
6/11/2010 9:00		0.0083	-0.0058	0.0016		0.0389		0.0116	0.0004	0.0077
6/11/2010 9:15		0.0076	-0.0066	0.0009		0.0377		0.0116	-0.0003	0.0074
6/11/2010 9:30		0.0071	-0.0075	0.0002		0.0359		0.0112	0.0004	0.0074
6/11/2010 9:45		0.0061	-0.0083	-0.0007		0.0341		0.0108	0.0004	0.0072
6/11/2010 10:00		0.0053	-0.0087	-0.0013		0.0330		0.0108	0.0004	0.0072
6/11/2010 10:15		0.0046	-0.0091	-0.0019		0.0312		0.0112	0.0004	0.0074
6/11/2010 10:30		0.0040	-0.0100	-0.0026		0.0294		0.0108	0.0004	0.0072
6/11/2010 10:45		0.0036	-0.0100	-0.0028		0.0277		0.0112	0.0004	0.0074
6/11/2010 11:00		0.0026	-0.0104	-0.0035		0.0259		0.0112	0.0004	0.0074
6/11/2010 11:15		0.0020	-0.0113	-0.0043		0.0241		0.0108	0.0004	0.0072
6/11/2010 11:30		0.0016	-0.0121	-0.0049		0.0218		0.0108	0.0004	0.0072
6/11/2010 11:45		0.0009	-0.0125	-0.0055		0.0194		0.0112	0.0004	0.0074
6/11/2010 12:00		0.0000	-0.0129	-0.0061		0.0176		0.0108	0.0012	0.0074
6/11/2010 12:15		-0.0001	-0.0137	-0.0066		0.0158		0.0108	0.0004	0.0072

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/11/2010 12:30		-0.0004	-0.0142	-0.0069		0.0135		0.0108	0.0012	0.0074
6/11/2010 12:45		-0.0013	-0.0138	-0.0072		0.0117		0.0108	0.0012	0.0074
6/11/2010 13:00		-0.0016	-0.0142	-0.0076		0.0100		0.0108	0.0012	0.0074
6/11/2010 13:15		-0.0021	-0.0150	-0.0082		0.0076		0.0108	0.0012	0.0074
6/11/2010 13:30		-0.0023	-0.0150	-0.0083		0.0064		0.0108	0.0019	0.0077
6/11/2010 13:45		-0.0026	-0.0150	-0.0085		0.0046		0.0112	0.0012	0.0077
6/11/2010 14:00		-0.0026	-0.0154	-0.0086		0.0029		0.0112	0.0012	0.0077
6/11/2010 14:15		-0.0024	-0.0154	-0.0086		0.0017		0.0116	0.0012	0.0080
6/11/2010 14:30		-0.0023	-0.0150	-0.0083		0.0017		0.0116	0.0012	0.0080
6/11/2010 14:45		-0.0017	-0.0146	-0.0078		0.0011		0.0116	0.0012	0.0080
6/11/2010 15:00		-0.0016	-0.0142	-0.0075		0.0011		0.0116	0.0019	0.0082
6/11/2010 15:15		-0.0012	-0.0137	-0.0071		0.0017		0.0120	0.0019	0.0085
6/11/2010 15:30		-0.0005	-0.0133	-0.0065		0.0023		0.0120	0.0019	0.0085
6/11/2010 15:45		0.0001	-0.0128	-0.0060		0.0028		0.0120	0.0019	0.0085
6/11/2010 16:00		0.0008	-0.0124	-0.0054		0.0040		0.0120	0.0020	0.0085
6/11/2010 16:15		0.0015	-0.0116	-0.0047		0.0046		0.0124	0.0020	0.0088
6/11/2010 16:30		0.0020	-0.0112	-0.0042		0.0058		0.0124	0.0019	0.0088
6/11/2010 16:45		0.0024	-0.0103	-0.0036		0.0070		0.0124	0.0019	0.0088
6/11/2010 17:00		0.0030	-0.0099	-0.0031		0.0087		0.0128	0.0012	0.0088
6/11/2010 17:15		0.0037	-0.0090	-0.0023		0.0111		0.0128	0.0012	0.0088
6/11/2010 17:30		0.0042	-0.0082	-0.0017		0.0123		0.0128	0.0012	0.0088
6/11/2010 17:45		0.0052	-0.0078	-0.0009		0.0152		0.0128	0.0012	0.0088
6/11/2010 18:00		0.0054	-0.0078	-0.0008		0.0164		0.0124	0.0012	0.0085
6/11/2010 18:15		0.0056	-0.0078	-0.0007		0.0176		0.0124	0.0012	0.0085
6/11/2010 18:30		0.0058	-0.0078	-0.0006		0.0182		0.0120	0.0012	0.0082
6/11/2010 18:45		0.0060	-0.0082	-0.0007		0.0193		0.0124	0.0012	0.0085
6/11/2010 19:00		0.0062	-0.0078	-0.0004		0.0205		0.0124	0.0012	0.0085
6/11/2010 19:15		0.0059	-0.0074	-0.0004		0.0211		0.0124	0.0012	0.0085
6/11/2010 19:30		0.0060	-0.0078	-0.0005		0.0217		0.0124	0.0012	0.0085
6/11/2010 19:45		0.0058	-0.0078	-0.0006		0.0217		0.0120	0.0012	0.0082
6/11/2010 20:00		0.0056	-0.0087	-0.0011		0.0217		0.0116	0.0012	0.0080
6/11/2010 20:15		0.0050	-0.0086	-0.0015		0.0211		0.0116	0.0012	0.0080
6/11/2010 20:30		0.0046	-0.0095	-0.0021		0.0205		0.0116	0.0004	0.0077
6/11/2010 20:45		0.0041	-0.0103	-0.0027		0.0194		0.0116	0.0004	0.0077

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/11/2010 21:00		0.0034	-0.0103	-0.0031		0.0182		0.0116	0.0012	0.0080
6/11/2010 21:15		0.0030	-0.0112	-0.0037		0.0170		0.0112	0.0012	0.0077
6/11/2010 21:30		0.0028	-0.0112	-0.0038		0.0158		0.0116	0.0012	0.0080
6/11/2010 21:45		0.0023	-0.0116	-0.0043		0.0147		0.0116	0.0012	0.0080
6/11/2010 22:00		0.0019	-0.0125	-0.0049		0.0129		0.0112	0.0012	0.0077
6/11/2010 22:15		0.0014	-0.0125	-0.0052		0.0111		0.0116	0.0012	0.0080
6/11/2010 22:30		0.0012	-0.0129	-0.0054		0.0099		0.0116	0.0012	0.0080
6/11/2010 22:45		0.0010	-0.0129	-0.0056		0.0094		0.0116	0.0012	0.0080
6/11/2010 23:00		0.0004	-0.0125	-0.0057		0.0088		0.0116	0.0012	0.0080
6/11/2010 23:15		0.0004	-0.0129	-0.0059		0.0076		0.0112	0.0012	0.0077
6/11/2010 23:30		0.0006	-0.0133	-0.0060		0.0064		0.0116	0.0012	0.0080
6/11/2010 23:45		0.0002	-0.0137	-0.0064		0.0052		0.0116	0.0012	0.0080
6/12/2010 0:00		0.0000	-0.0137	-0.0065		0.0040		0.0112	0.0019	0.0080
6/12/2010 0:15		0.0000	-0.0137	-0.0065		0.0029		0.0112	0.0019	0.0080
6/12/2010 0:30		-0.0002	-0.0137	-0.0066		0.0023		0.0112	0.0019	0.0080
6/12/2010 0:45		-0.0002	-0.0137	-0.0066		0.0011		0.0116	0.0012	0.0080
6/12/2010 1:00		0.0001	-0.0137	-0.0064		0.0011		0.0116	0.0019	0.0082
6/12/2010 1:15		0.0006	-0.0133	-0.0059		0.0017		0.0120	0.0019	0.0085
6/12/2010 1:30		0.0011	-0.0120	-0.0051		0.0017		0.0120	0.0027	0.0088
6/12/2010 1:45		0.0020	-0.0116	-0.0045		0.0034		0.0124	0.0019	0.0088
6/12/2010 2:00		0.0023	-0.0108	-0.0039		0.0046		0.0120	0.0019	0.0085
6/12/2010 2:15		0.0027	-0.0107	-0.0037		0.0058		0.0120	0.0019	0.0085
6/12/2010 2:30		0.0030	-0.0103	-0.0033		0.0070		0.0124	0.0019	0.0088
6/12/2010 2:45		0.0038	-0.0099	-0.0027		0.0075		0.0124	0.0020	0.0088
6/12/2010 3:00		0.0044	-0.0090	-0.0020		0.0099		0.0124	0.0020	0.0088
6/12/2010 3:15		0.0055	-0.0078	-0.0008		0.0123		0.0128	0.0019	0.0090
6/12/2010 3:30		0.0062	-0.0065	0.0002		0.0146		0.0128	0.0020	0.0090
6/12/2010 3:45		0.0073	-0.0061	0.0009		0.0176		0.0128	0.0019	0.0090
6/12/2010 4:00		0.0078	-0.0053	0.0016		0.0211		0.0128	0.0019	0.0090
6/12/2010 4:15		0.0086	-0.0044	0.0024		0.0235		0.0132	0.0012	0.0090
6/12/2010 4:30		0.0092	-0.0040	0.0029		0.0264		0.0132	0.0012	0.0090
6/12/2010 4:45		0.0100	-0.0036	0.0035		0.0288		0.0136	0.0012	0.0093
6/12/2010 5:00		0.0104	-0.0028	0.0042		0.0323		0.0132	0.0012	0.0090
6/12/2010 5:15		0.0114	-0.0024	0.0049		0.0347		0.0132	0.0012	0.0090

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/12/2010 5:30		0.0114	-0.0020	0.0051		0.0376		0.0132	0.0012	0.0090
6/12/2010 5:45		0.0120	-0.0011	0.0058		0.0406		0.0132	0.0004	0.0088
6/12/2010 6:00		0.0124	-0.0007	0.0062		0.0430		0.0136	0.0012	0.0093
6/12/2010 6:15		0.0127	-0.0007	0.0064		0.0453		0.0132	0.0004	0.0088
6/12/2010 6:30		0.0130	0.0001	0.0069		0.0483		0.0136	0.0004	0.0090
6/12/2010 6:45		0.0132	-0.0003	0.0069		0.0500		0.0132	0.0004	0.0088
6/12/2010 7:00		0.0131	0.0001	0.0070		0.0518		0.0132	0.0004	0.0088
6/12/2010 7:15		0.0131	0.0001	0.0070		0.0536		0.0128	0.0004	0.0085
6/12/2010 7:30		0.0130	-0.0007	0.0065		0.0553		0.0132	-0.0003	0.0085
6/12/2010 7:45		0.0127	-0.0003	0.0066		0.0565		0.0124	0.0004	0.0082
6/12/2010 8:00		0.0124	-0.0011	0.0060		0.0565		0.0124	0.0004	0.0082
6/12/2010 8:15		0.0120	-0.0011	0.0058		0.0577		0.0124	-0.0003	0.0080
6/12/2010 8:30		0.0114	-0.0019	0.0051		0.0577		0.0120	0.0005	0.0080
6/12/2010 8:45		0.0109	-0.0024	0.0047		0.0577		0.0120	-0.0003	0.0077
6/12/2010 9:00		0.0104	-0.0028	0.0041		0.0571		0.0120	0.0004	0.0080
6/12/2010 9:15		0.0096	-0.0032	0.0035		0.0559		0.0116	0.0004	0.0077
6/12/2010 9:30		0.0088	-0.0036	0.0029		0.0553		0.0120	-0.0003	0.0077
6/12/2010 9:45		0.0084	-0.0044	0.0023		0.0541		0.0116	0.0005	0.0077
6/12/2010 10:00		0.0078	-0.0044	0.0020		0.0530		0.0120	-0.0003	0.0077
6/12/2010 10:15		0.0077	-0.0053	0.0015		0.0530		0.0116	0.0005	0.0077
6/12/2010 10:30		0.0067	-0.0053	0.0011		0.0518		0.0112	0.0005	0.0075
6/12/2010 10:45		0.0061	-0.0065	0.0002		0.0500		0.0112	0.0005	0.0075
6/12/2010 11:00		0.0054	-0.0073	-0.0006		0.0482		0.0112	0.0005	0.0075
6/12/2010 11:15		0.0047	-0.0077	-0.0012		0.0465		0.0112	0.0005	0.0075
6/12/2010 11:30		0.0039	-0.0086	-0.0020		0.0441		0.0112	-0.0003	0.0072
6/12/2010 11:45		0.0034	-0.0090	-0.0024		0.0429		0.0112	0.0005	0.0075
6/12/2010 12:00		0.0026	-0.0094	-0.0031		0.0411		0.0112	0.0005	0.0075
6/12/2010 12:15		0.0020	-0.0098	-0.0036		0.0388		0.0112	0.0005	0.0075
6/12/2010 12:30		0.0013	-0.0102	-0.0041		0.0376		0.0112	0.0005	0.0075
6/12/2010 12:45		0.0008	-0.0106	-0.0046		0.0352		0.0108	0.0012	0.0075
6/12/2010 13:00		0.0004	-0.0114	-0.0052		0.0334		0.0112	0.0005	0.0075
6/12/2010 13:15		-0.0001	-0.0118	-0.0056		0.0316		0.0108	0.0013	0.0075
6/12/2010 13:30		-0.0005	-0.0122	-0.0060		0.0304		0.0112	0.0005	0.0075
6/12/2010 13:45		-0.0006	-0.0122	-0.0061		0.0281		0.0112	0.0013	0.0078

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/12/2010 14:00		-0.0010	-0.0126	-0.0065		0.0263		0.0112	0.0005	0.0075
6/12/2010 14:15		-0.0012	-0.0130	-0.0068		0.0251		0.0112	0.0013	0.0078
6/12/2010 14:30		-0.0017	-0.0126	-0.0069		0.0239		0.0112	0.0013	0.0078
6/12/2010 14:45		-0.0015	-0.0130	-0.0069		0.0227		0.0117	0.0013	0.0080
6/12/2010 15:00		-0.0015	-0.0121	-0.0065		0.0221		0.0117	0.0021	0.0083
6/12/2010 15:15		-0.0010	-0.0117	-0.0061		0.0221		0.0117	0.0021	0.0083
6/12/2010 15:30		-0.0004	-0.0113	-0.0055		0.0227		0.0121	0.0013	0.0083
6/12/2010 15:45		0.0001	-0.0108	-0.0051		0.0227		0.0121	0.0013	0.0083
6/12/2010 16:00		0.0007	-0.0104	-0.0045		0.0239		0.0121	0.0021	0.0086
6/12/2010 16:15		0.0011	-0.0100	-0.0041		0.0245		0.0121	0.0021	0.0086
6/12/2010 16:30		0.0015	-0.0091	-0.0035		0.0256		0.0125	0.0013	0.0086
6/12/2010 16:45		0.0023	-0.0087	-0.0029		0.0268		0.0125	0.0013	0.0086
6/12/2010 17:00		0.0029	-0.0083	-0.0024		0.0274		0.0129	0.0013	0.0089
6/12/2010 17:15		0.0036	-0.0070	-0.0014		0.0298		0.0129	0.0013	0.0089
6/12/2010 17:30		0.0046	-0.0070	-0.0009		0.0321		0.0129	0.0013	0.0089
6/12/2010 17:45		0.0050	-0.0057	-0.0001		0.0345		0.0129	0.0013	0.0089
6/12/2010 18:00		0.0059	-0.0057	0.0004		0.0362		0.0129	0.0013	0.0089
6/12/2010 18:15		0.0061	-0.0053	0.0007		0.0380		0.0129	0.0014	0.0089
6/12/2010 18:30		0.0065	-0.0049	0.0011		0.0398		0.0129	0.0006	0.0086
6/12/2010 18:45		0.0068	-0.0049	0.0013		0.0409		0.0129	0.0014	0.0089
6/12/2010 19:00		0.0074	-0.0049	0.0016		0.0421		0.0129	0.0014	0.0089
6/12/2010 19:15		0.0070	-0.0040	0.0018		0.0439		0.0129	0.0006	0.0086
6/12/2010 19:30		0.0076	-0.0045	0.0019		0.0451		0.0125	0.0013	0.0086
6/12/2010 19:45		0.0077	-0.0044	0.0020		0.0456		0.0125	0.0006	0.0084
6/12/2010 20:00		0.0078	-0.0044	0.0020		0.0468		0.0125	0.0014	0.0086
6/12/2010 20:15		0.0076	-0.0044	0.0019		0.0474		0.0121	0.0014	0.0084
6/12/2010 20:30		0.0078	-0.0044	0.0020		0.0480		0.0125	0.0006	0.0084
6/12/2010 20:45		0.0080	-0.0044	0.0021		0.0480		0.0125	0.0006	0.0084
6/12/2010 21:00		0.0075	-0.0048	0.0017		0.0480		0.0121	0.0006	0.0081
6/12/2010 21:15		0.0070	-0.0065	0.0006		0.0474		0.0117	0.0006	0.0078
6/12/2010 21:30		0.0058	-0.0073	-0.0004		0.0456		0.0113	0.0006	0.0076
6/12/2010 21:45		0.0045	-0.0086	-0.0017		0.0433		0.0109	0.0006	0.0073
6/12/2010 22:00		0.0044	-0.0090	-0.0019		0.0409		0.0117	0.0006	0.0078
6/12/2010 22:15		0.0040	-0.0086	-0.0020		0.0403		0.0117	0.0006	0.0078

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/12/2010 22:30		0.0043	-0.0086	-0.0018		0.0391		0.0117	0.0014	0.0081
6/12/2010 22:45		0.0041	-0.0090	-0.0021		0.0391		0.0117	0.0014	0.0081
6/12/2010 23:00		0.0031	-0.0094	-0.0028		0.0374		0.0117	0.0006	0.0078
6/12/2010 23:15		0.0023	-0.0107	-0.0038		0.0350		0.0109	0.0006	0.0073
6/12/2010 23:30		0.0012	-0.0119	-0.0050		0.0326		0.0109	0.0006	0.0073
6/12/2010 23:45		0.0005	-0.0123	-0.0056		0.0297		0.0109	0.0014	0.0076
6/13/2010 0:00		0.0005	-0.0123	-0.0055		0.0273		0.0113	0.0014	0.0078
6/13/2010 0:15		0.0000	-0.0119	-0.0056		0.0255		0.0113	0.0014	0.0078
6/13/2010 0:30		0.0003	-0.0123	-0.0057		0.0244		0.0117	0.0014	0.0081
6/13/2010 0:45		0.0002	-0.0123	-0.0057		0.0238		0.0117	0.0014	0.0081
6/13/2010 1:00		0.0000	-0.0131	-0.0062		0.0220		0.0113	0.0014	0.0078
6/13/2010 1:15		-0.0009	-0.0136	-0.0069		0.0196		0.0109	0.0014	0.0076
6/13/2010 1:30		-0.0011	-0.0140	-0.0072		0.0179		0.0113	0.0014	0.0078
6/13/2010 1:45		-0.0012	-0.0140	-0.0073		0.0167		0.0109	0.0014	0.0076
6/13/2010 2:00		-0.0014	-0.0144	-0.0075		0.0155		0.0113	0.0021	0.0081
6/13/2010 2:15		-0.0014	-0.0135	-0.0071		0.0143		0.0117	0.0021	0.0084
6/13/2010 2:30		-0.0009	-0.0136	-0.0069		0.0137		0.0117	0.0014	0.0081
6/13/2010 2:45		-0.0006	-0.0135	-0.0067		0.0131		0.0117	0.0014	0.0081
6/13/2010 3:00		-0.0003	-0.0131	-0.0064		0.0131		0.0117	0.0021	0.0084
6/13/2010 3:15		0.0005	-0.0127	-0.0058		0.0137		0.0121	0.0021	0.0086
6/13/2010 3:30		0.0007	-0.0114	-0.0050		0.0143		0.0121	0.0022	0.0086
6/13/2010 3:45		0.0015	-0.0106	-0.0042		0.0161		0.0125	0.0022	0.0089
6/13/2010 4:00		0.0026	-0.0097	-0.0032		0.0172		0.0125	0.0022	0.0089
6/13/2010 4:15		0.0033	-0.0097	-0.0028		0.0190		0.0125	0.0014	0.0087
6/13/2010 4:30		0.0041	-0.0093	-0.0022		0.0202		0.0125	0.0022	0.0089
6/13/2010 4:45		0.0043	-0.0085	-0.0017		0.0220		0.0125	0.0014	0.0086
6/13/2010 5:00		0.0054	-0.0081	-0.0009		0.0237		0.0125	0.0022	0.0089
6/13/2010 5:15		0.0061	-0.0068	0.0000		0.0261		0.0129	0.0022	0.0092
6/13/2010 5:30		0.0069	-0.0056	0.0010		0.0296		0.0129	0.0022	0.0092
6/13/2010 5:45		0.0081	-0.0056	0.0016		0.0320		0.0133	0.0014	0.0092
6/13/2010 6:00		0.0084	-0.0047	0.0022		0.0344		0.0133	0.0014	0.0092
6/13/2010 6:15		0.0086	-0.0043	0.0025		0.0367		0.0129	0.0014	0.0089
6/13/2010 6:30		0.0092	-0.0043	0.0028		0.0391		0.0129	0.0014	0.0089
6/13/2010 6:45		0.0094	-0.0035	0.0033		0.0415		0.0129	0.0014	0.0089

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/13/2010 7:00		0.0100	-0.0031	0.0038		0.0432		0.0133	0.0014	0.0092
6/13/2010 7:15		0.0102	-0.0022	0.0043		0.0462		0.0133	0.0014	0.0092
6/13/2010 7:30		0.0109	-0.0022	0.0047		0.0479		0.0133	0.0007	0.0089
6/13/2010 7:45		0.0105	-0.0022	0.0045		0.0497		0.0129	0.0007	0.0087
6/13/2010 8:00		0.0105	-0.0026	0.0043		0.0515		0.0129	0.0007	0.0087
6/13/2010 8:15		0.0103	-0.0026	0.0042		0.0520		0.0125	0.0007	0.0084
6/13/2010 8:30		0.0102	-0.0030	0.0039		0.0520		0.0121	0.0007	0.0081
6/13/2010 8:45		0.0101	-0.0034	0.0037		0.0526		0.0125	-0.0001	0.0081
6/13/2010 9:00		0.0097	-0.0034	0.0035		0.0526		0.0125	0.0007	0.0084
6/13/2010 9:15		0.0089	-0.0043	0.0027		0.0532		0.0121	0.0007	0.0081
6/13/2010 9:30		0.0085	-0.0051	0.0021		0.0526		0.0117	0.0007	0.0079
6/13/2010 9:45		0.0078	-0.0051	0.0017		0.0515		0.0117	0.0007	0.0079
6/13/2010 10:00		0.0072	-0.0064	0.0008		0.0503		0.0117	-0.0001	0.0076
6/13/2010 10:15		0.0065	-0.0068	0.0002		0.0491		0.0113	0.0007	0.0076
6/13/2010 10:30		0.0056	-0.0072	-0.0004		0.0473		0.0113	0.0007	0.0076
6/13/2010 10:45		0.0050	-0.0080	-0.0012		0.0456		0.0113	0.0007	0.0076
6/13/2010 11:00		0.0047	-0.0089	-0.0017		0.0438		0.0113	0.0007	0.0076
6/13/2010 11:15		0.0039	-0.0093	-0.0024		0.0426		0.0109	0.0014	0.0076
6/13/2010 11:30		0.0033	-0.0097	-0.0028		0.0402		0.0113	0.0007	0.0076
6/13/2010 11:45		0.0026	-0.0106	-0.0036		0.0379		0.0109	0.0007	0.0073
6/13/2010 12:00		0.0016	-0.0105	-0.0041		0.0367		0.0109	0.0007	0.0073
6/13/2010 12:15		0.0009	-0.0113	-0.0049		0.0343		0.0109	0.0007	0.0073
6/13/2010 12:30		0.0007	-0.0122	-0.0054		0.0320		0.0109	0.0007	0.0074
6/13/2010 12:45		0.0002	-0.0130	-0.0061		0.0296		0.0109	0.0007	0.0074
6/13/2010 13:00		-0.0009	-0.0130	-0.0066		0.0272		0.0109	0.0014	0.0076
6/13/2010 13:15		-0.0010	-0.0142	-0.0072		0.0248		0.0109	0.0007	0.0074
6/13/2010 13:30		-0.0017	-0.0142	-0.0076		0.0225		0.0109	0.0015	0.0076
6/13/2010 13:45		-0.0023	-0.0150	-0.0083		0.0201		0.0109	0.0007	0.0074
6/13/2010 14:00		-0.0024	-0.0159	-0.0088		0.0172		0.0109	0.0015	0.0076
6/13/2010 14:15		-0.0030	-0.0163	-0.0093		0.0142		0.0109	0.0015	0.0076
6/13/2010 14:30		-0.0039	-0.0171	-0.0102		0.0119		0.0109	0.0015	0.0076
6/13/2010 14:45		-0.0045	-0.0175	-0.0107		0.0089		0.0105	0.0015	0.0074
6/13/2010 15:00		-0.0049	-0.0184	-0.0113		0.0065		0.0109	0.0015	0.0076
6/13/2010 15:15		-0.0053	-0.0184	-0.0115		0.0036		0.0105	0.0022	0.0076

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/13/2010 15:30		-0.0054	-0.0175	-0.0111		0.0018		0.0109	0.0022	0.0079
6/13/2010 15:45		-0.0052	-0.0175	-0.0110		0.0006		0.0113	0.0022	0.0082
6/13/2010 16:00		-0.0049	-0.0171	-0.0107		-0.0005		0.0113	0.0022	0.0082
6/13/2010 16:15		-0.0048	-0.0171	-0.0106		-0.0011		0.0113	0.0022	0.0082
6/13/2010 16:30		-0.0046	-0.0171	-0.0105		-0.0023		0.0113	0.0022	0.0082
6/13/2010 16:45		-0.0040	-0.0167	-0.0100		-0.0029		0.0118	0.0030	0.0087
6/13/2010 17:00		-0.0036	-0.0167	-0.0098		-0.0029		0.0118	0.0022	0.0084
6/13/2010 17:15		-0.0030	-0.0158	-0.0090		-0.0029		0.0118	0.0022	0.0084
6/13/2010 17:30		-0.0025	-0.0158	-0.0088		-0.0023		0.0118	0.0022	0.0084
6/13/2010 17:45		-0.0025	-0.0158	-0.0088		-0.0029		0.0118	0.0022	0.0084
6/13/2010 18:00		-0.0013	-0.0142	-0.0074		-0.0017		0.0122	0.0030	0.0090
6/13/2010 18:15		-0.0002	-0.0129	-0.0062		0.0006		0.0126	0.0030	0.0092
6/13/2010 18:30		0.0007	-0.0125	-0.0055		0.0018		0.0126	0.0022	0.0089
6/13/2010 18:45		0.0017	-0.0121	-0.0048		0.0036		0.0122	0.0030	0.0090
6/13/2010 19:00		0.0019	-0.0121	-0.0047		0.0048		0.0126	0.0015	0.0087
6/13/2010 19:15		0.0021	-0.0117	-0.0044		0.0059		0.0121	0.0022	0.0087
6/13/2010 19:30		0.0029	-0.0108	-0.0036		0.0077		0.0129	0.0015	0.0089
6/13/2010 19:45		0.0037	-0.0100	-0.0028		0.0089		0.0125	0.0022	0.0089
6/13/2010 20:00		0.0041	-0.0100	-0.0026		0.0107		0.0125	0.0015	0.0087
6/13/2010 20:15		0.0037	-0.0104	-0.0030		0.0113		0.0121	0.0015	0.0084
6/13/2010 20:30		0.0035	-0.0113	-0.0035		0.0107		0.0117	0.0015	0.0082
6/13/2010 20:45		0.0038	-0.0117	-0.0035		0.0101		0.0117	0.0015	0.0082
6/13/2010 21:00		0.0038	-0.0113	-0.0034		0.0107		0.0121	0.0015	0.0084
6/13/2010 21:15		0.0042	-0.0109	-0.0029		0.0107		0.0121	0.0022	0.0087
6/13/2010 21:30		0.0044	-0.0105	-0.0026		0.0119		0.0121	0.0022	0.0087
6/13/2010 21:45		0.0041	-0.0113	-0.0032		0.0113		0.0117	0.0014	0.0081
6/13/2010 22:00		0.0035	-0.0117	-0.0037		0.0107		0.0113	0.0014	0.0079
6/13/2010 22:15		0.0030	-0.0130	-0.0045		0.0090		0.0113	0.0014	0.0079
6/13/2010 22:30		0.0017	-0.0135	-0.0054		0.0072		0.0109	0.0014	0.0076
6/13/2010 22:45		0.0013	-0.0143	-0.0061		0.0054		0.0109	0.0022	0.0079
6/13/2010 23:00		0.0007	-0.0147	-0.0066		0.0031		0.0113	0.0014	0.0079
6/13/2010 23:15		0.0005	-0.0147	-0.0067		0.0019		0.0113	0.0022	0.0081
6/13/2010 23:30		0.0004	-0.0151	-0.0070		0.0007		0.0113	0.0014	0.0079
6/13/2010 23:45		-0.0004	-0.0156	-0.0076		-0.0011		0.0113	0.0014	0.0079

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/14/2010 0:00		-0.0007	-0.0164	-0.0081		-0.0028		0.0109	0.0022	0.0079
6/14/2010 0:15		-0.0013	-0.0168	-0.0086		-0.0052		0.0109	0.0014	0.0076
6/14/2010 0:30		-0.0020	-0.0168	-0.0090		-0.0075		0.0109	0.0022	0.0079
6/14/2010 0:45		-0.0025	-0.0172	-0.0095		-0.0093		0.0109	0.0022	0.0079
6/14/2010 1:00		-0.0026	-0.0173	-0.0095		-0.0105		0.0109	0.0022	0.0079
6/14/2010 1:15		-0.0028	-0.0176	-0.0098		-0.0117		0.0113	0.0022	0.0081
6/14/2010 1:30		-0.0030	-0.0185	-0.0103		-0.0135		0.0109	0.0022	0.0079
6/14/2010 1:45		-0.0034	-0.0185	-0.0106		-0.0146		0.0109	0.0022	0.0079
6/14/2010 2:00		-0.0036	-0.0185	-0.0107		-0.0164		0.0113	0.0022	0.0081
6/14/2010 2:15		-0.0036	-0.0189	-0.0108		-0.0176		0.0113	0.0022	0.0081
6/14/2010 2:30		-0.0036	-0.0189	-0.0108		-0.0188		0.0113	0.0029	0.0084
6/14/2010 2:45		-0.0036	-0.0189	-0.0109		-0.0193		0.0113	0.0029	0.0084
6/14/2010 3:00		-0.0040	-0.0181	-0.0106		-0.0199		0.0117	0.0029	0.0087
6/14/2010 3:15		-0.0035	-0.0176	-0.0102		-0.0199		0.0117	0.0022	0.0084
6/14/2010 3:30		-0.0028	-0.0176	-0.0098		-0.0199		0.0117	0.0029	0.0087
6/14/2010 3:45		-0.0022	-0.0168	-0.0091		-0.0194		0.0121	0.0029	0.0089
6/14/2010 4:00		-0.0016	-0.0160	-0.0084		-0.0182		0.0121	0.0029	0.0089
6/14/2010 4:15		-0.0008	-0.0151	-0.0076		-0.0170		0.0121	0.0029	0.0089
6/14/2010 4:30		0.0000	-0.0143	-0.0067		-0.0152		0.0121	0.0029	0.0089
6/14/2010 4:45		0.0008	-0.0135	-0.0059		-0.0129		0.0125	0.0022	0.0089
6/14/2010 5:00		0.0017	-0.0122	-0.0049		-0.0105		0.0129	0.0022	0.0092
6/14/2010 5:15		0.0029	-0.0114	-0.0038		-0.0081		0.0129	0.0022	0.0092
6/14/2010 5:30		0.0045	-0.0105	-0.0026		-0.0052		0.0129	0.0029	0.0094
6/14/2010 5:45		0.0054	-0.0093	-0.0015		-0.0022		0.0129	0.0022	0.0092
6/14/2010 6:00		0.0065	-0.0089	-0.0008		0.0007		0.0133	0.0022	0.0094
6/14/2010 6:15		0.0073	-0.0076	0.0002		0.0037		0.0129	0.0022	0.0092
6/14/2010 6:30		0.0080	-0.0068	0.0010		0.0066		0.0133	0.0014	0.0092
6/14/2010 6:45		0.0089	-0.0060	0.0019		0.0096		0.0133	0.0022	0.0094
6/14/2010 7:00		0.0099	-0.0051	0.0028		0.0137		0.0133	0.0022	0.0094
6/14/2010 7:15		0.0111	-0.0047	0.0036		0.0167		0.0133	0.0014	0.0092
6/14/2010 7:30		0.0112	-0.0039	0.0041		0.0190		0.0129	0.0022	0.0092
6/14/2010 7:45		0.0118	-0.0035	0.0046		0.0220		0.0133	0.0014	0.0092
6/14/2010 8:00		0.0124	-0.0035	0.0049		0.0249		0.0129	0.0014	0.0089
6/14/2010 8:15		0.0124	-0.0026	0.0053		0.0273		0.0133	0.0014	0.0092

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/14/2010 8:30		0.0129	-0.0026	0.0056		0.0297		0.0129	0.0006	0.0086
6/14/2010 8:45		0.0131	-0.0026	0.0057		0.0320		0.0129	0.0014	0.0089
6/14/2010 9:00		0.0132	-0.0026	0.0057		0.0338		0.0129	0.0014	0.0089
6/14/2010 9:15		0.0132	-0.0027	0.0057		0.0350		0.0129	0.0006	0.0086
6/14/2010 9:30		0.0130	-0.0026	0.0056		0.0361		0.0125	0.0006	0.0084
6/14/2010 9:45		0.0126	-0.0035	0.0050		0.0367		0.0125	0.0006	0.0084
6/14/2010 10:00		0.0121	-0.0043	0.0044		0.0367		0.0121	0.0006	0.0081
6/14/2010 10:15		0.0117	-0.0043	0.0042		0.0373		0.0121	0.0006	0.0081
6/14/2010 10:30		0.0113	-0.0052	0.0035		0.0367		0.0117	0.0006	0.0079
6/14/2010 10:45		0.0104	-0.0056	0.0028		0.0361		0.0117	-0.0001	0.0076
6/14/2010 11:00		0.0102	-0.0064	0.0023		0.0349		0.0117	0.0007	0.0079
6/14/2010 11:15		0.0093	-0.0068	0.0017		0.0338		0.0113	0.0007	0.0076
6/14/2010 11:30		0.0087	-0.0072	0.0012		0.0332		0.0113	0.0007	0.0076
6/14/2010 11:45		0.0081	-0.0081	0.0005		0.0314		0.0113	0.0007	0.0076
6/14/2010 12:00		0.0074	-0.0089	-0.0003		0.0296		0.0113	0.0007	0.0076
6/14/2010 12:15		0.0066	-0.0093	-0.0009		0.0285		0.0113	0.0007	0.0076
6/14/2010 12:30		0.0060	-0.0102	-0.0017		0.0261		0.0113	0.0007	0.0076
6/14/2010 12:45		0.0049	-0.0101	-0.0022		0.0243		0.0113	0.0007	0.0076
6/14/2010 13:00		0.0045	-0.0109	-0.0028		0.0225		0.0109	0.0014	0.0076
6/14/2010 13:15		0.0038	-0.0114	-0.0033		0.0202		0.0109	0.0014	0.0076
6/14/2010 13:30		0.0037	-0.0122	-0.0038		0.0184		0.0113	0.0007	0.0076
6/14/2010 13:45		0.0032	-0.0122	-0.0041		0.0166		0.0113	0.0007	0.0076
6/14/2010 14:00		0.0028	-0.0126	-0.0045		0.0149		0.0109	0.0014	0.0076
6/14/2010 14:15		0.0023	-0.0134	-0.0052		0.0125		0.0113	0.0014	0.0079
6/14/2010 14:30		0.0019	-0.0138	-0.0055		0.0107		0.0113	0.0014	0.0079
6/14/2010 14:45		0.0016	-0.0143	-0.0059		0.0090		0.0113	0.0014	0.0079
6/14/2010 15:00		0.0008	-0.0147	-0.0065		0.0066		0.0109	0.0014	0.0076
6/14/2010 15:15		0.0005	-0.0147	-0.0066		0.0042		0.0113	0.0014	0.0079
6/14/2010 15:30		0.0007	-0.0151	-0.0067		0.0036		0.0113	0.0014	0.0079
6/14/2010 15:45		0.0008	-0.0151	-0.0067		0.0019		0.0113	0.0022	0.0081
6/14/2010 16:00		0.0008	-0.0151	-0.0067		0.0001		0.0113	0.0022	0.0081
6/14/2010 16:15		0.0009	-0.0147	-0.0064		-0.0005		0.0117	0.0022	0.0084
6/14/2010 16:30		0.0008	-0.0142	-0.0063		-0.0011		0.0117	0.0022	0.0084
6/14/2010 16:45		0.0013	-0.0138	-0.0058	-0.0054	-0.0011	-0.0036	0.0121	0.0022	0.0087

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/14/2010 17:00		0.0015	-0.0134	-0.0055	-0.0054	-0.0011	-0.0036	0.0121	0.0022	0.0087
6/14/2010 17:15		0.0026	-0.0130	-0.0048	-0.0054	-0.0005	-0.0034	0.0121	0.0022	0.0087
6/14/2010 17:30		0.0030	-0.0126	-0.0044	-0.0058	0.0007	-0.0032	0.0125	0.0022	0.0089
6/14/2010 17:45		0.0034	-0.0122	-0.0040	-0.0068	0.0019	-0.0033	0.0125	0.0029	0.0092
6/14/2010 18:00		0.0040	-0.0117	-0.0034	-0.0074	0.0030	-0.0032	0.0129	0.0022	0.0092
6/14/2010 18:15		0.0048	-0.0105	-0.0024	-0.0078	0.0036	-0.0032	0.0137	0.0022	0.0097
6/14/2010 18:30		0.0054	-0.0096	-0.0017	-0.0086	0.0060	-0.0027	0.0137	0.0029	0.0100
6/14/2010 18:45		0.0065	-0.0088	-0.0007	-0.0098	0.0083	-0.0024	0.0146	0.0022	0.0102
6/14/2010 19:00		0.0074	-0.0080	0.0001	-0.0108	0.0107	-0.0021	0.0149	0.0022	0.0105
6/14/2010 19:15		0.0076	-0.0080	0.0002	-0.0120	0.0125	-0.0021	0.0141	0.0022	0.0100
6/14/2010 19:30		0.0084	-0.0067	0.0012	-0.0126	0.0143	-0.0018	0.0145	0.0022	0.0102
6/14/2010 19:45		0.0092	-0.0059	0.0021	-0.0144	0.0172	-0.0016	0.0149	0.0022	0.0105
6/14/2010 20:00		0.0094	-0.0059	0.0022	-0.0160	0.0196	-0.0016	0.0149	0.0014	0.0102
6/14/2010 20:15		0.0104	-0.0051	0.0031	-0.0172	0.0219	-0.0014	0.0149	0.0022	0.0105
6/14/2010 20:30		0.0105	-0.0046	0.0034	-0.0184	0.0243	-0.0011	0.0145	0.0014	0.0100
6/14/2010 20:45		0.0104	-0.0047	0.0033	-0.0195	0.0255	-0.0013	0.0137	0.0014	0.0094
6/14/2010 21:00		0.0104	-0.0042	0.0035	-0.0199	0.0267	-0.0010	0.0129	0.0014	0.0089
6/14/2010 21:15		0.0105	-0.0047	0.0033	-0.0205	0.0278	-0.0009	0.0125	0.0014	0.0087
6/14/2010 21:30		0.0104	-0.0051	0.0031	-0.0211	0.0290	-0.0008	0.0125	0.0007	0.0084
6/14/2010 21:45		0.0101	-0.0051	0.0029	-0.0215	0.0296	-0.0008	0.0121	0.0014	0.0084
6/14/2010 22:00		0.0100	-0.0051	0.0028	-0.0218	0.0302	-0.0007	0.0125	0.0007	0.0084
6/14/2010 22:15		0.0100	-0.0056	0.0026	-0.0222	0.0308	-0.0007	0.0125	0.0007	0.0084
6/14/2010 22:30		0.0097	-0.0064	0.0021	-0.0220	0.0302	-0.0009	0.0121	0.0006	0.0081
6/14/2010 22:45		0.0091	-0.0068	0.0016	-0.0214	0.0297	-0.0008	0.0117	0.0006	0.0078
6/14/2010 23:00		0.0081	-0.0073	0.0008	-0.0213	0.0291	-0.0009	0.0117	0.0006	0.0078
6/14/2010 23:15		0.0076	-0.0081	0.0002	-0.0210	0.0285	-0.0010	0.0117	0.0006	0.0078
6/14/2010 23:30		0.0072	-0.0085	-0.0002	-0.0206	0.0273	-0.0012	0.0117	0.0006	0.0078
6/14/2010 23:45		0.0062	-0.0090	-0.0010	-0.0195	0.0256	-0.0013	0.0113	0.0006	0.0076
6/15/2010 0:00		0.0058	-0.0094	-0.0014	-0.0183	0.0238	-0.0013	0.0113	0.0006	0.0076
6/15/2010 0:15		0.0053	-0.0103	-0.0020	-0.0173	0.0220	-0.0014	0.0113	0.0014	0.0078
6/15/2010 0:30		0.0045	-0.0107	-0.0027	-0.0164	0.0203	-0.0015	0.0113	0.0014	0.0078
6/15/2010 0:45		0.0038	-0.0111	-0.0032	-0.0156	0.0185	-0.0018	0.0113	0.0006	0.0076
6/15/2010 1:00		0.0032	-0.0115	-0.0038	-0.0148	0.0173	-0.0018	0.0113	0.0014	0.0078
6/15/2010 1:15		0.0027	-0.0124	-0.0044	-0.0136	0.0156	-0.0018	0.0109	0.0014	0.0076

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/15/2010 1:30		0.0020	-0.0124	-0.0048	-0.0128	0.0132	-0.0023	0.0109	0.0014	0.0076
6/15/2010 1:45		0.0017	-0.0132	-0.0053	-0.0114	0.0114	-0.0022	0.0113	0.0006	0.0076
6/15/2010 2:00		0.0010	-0.0132	-0.0057	-0.0106	0.0097	-0.0024	0.0109	0.0014	0.0076
6/15/2010 2:15		0.0009	-0.0136	-0.0060	-0.0096	0.0079	-0.0025	0.0109	0.0021	0.0078
6/15/2010 2:30		0.0010	-0.0140	-0.0061	-0.0088	0.0067	-0.0025	0.0113	0.0014	0.0078
6/15/2010 2:45		0.0006	-0.0141	-0.0064	-0.0076	0.0050	-0.0025	0.0113	0.0013	0.0078
6/15/2010 3:00		0.0003	-0.0145	-0.0067	-0.0066	0.0026	-0.0029	0.0113	0.0014	0.0078
6/15/2010 3:15		-0.0001	-0.0149	-0.0071	-0.0058	0.0020	-0.0026	0.0109	0.0014	0.0076
6/15/2010 3:30		-0.0003	-0.0149	-0.0072	-0.0050	0.0002	-0.0029	0.0113	0.0014	0.0078
6/15/2010 3:45		-0.0002	-0.0145	-0.0070	-0.0040	-0.0009	-0.0028	0.0113	0.0021	0.0081
6/15/2010 4:00		0.0003	-0.0145	-0.0067	-0.0035	-0.0015	-0.0027	0.0113	0.0021	0.0081
6/15/2010 4:15		0.0005	-0.0137	-0.0062	-0.0029	-0.0021	-0.0026	0.0117	0.0021	0.0083
6/15/2010 4:30		0.0010	-0.0137	-0.0060	-0.0025	-0.0021	-0.0023	0.0117	0.0021	0.0083
6/15/2010 4:45		0.0013	-0.0133	-0.0056	-0.0025	-0.0021	-0.0023	0.0121	0.0021	0.0086
6/15/2010 5:00		0.0015	-0.0125	-0.0051	-0.0029	-0.0009	-0.0021	0.0125	0.0013	0.0086
6/15/2010 5:15		0.0023	-0.0116	-0.0043	-0.0033	0.0003	-0.0019	0.0125	0.0021	0.0089
6/15/2010 5:30		0.0028	-0.0104	-0.0034	-0.0039	0.0020	-0.0015	0.0125	0.0021	0.0088
6/15/2010 5:45		0.0036	-0.0100	-0.0028	-0.0050	0.0038	-0.0014	0.0125	0.0021	0.0088
6/15/2010 6:00		0.0043	-0.0092	-0.0021	-0.0054	0.0050	-0.0012	0.0129	0.0021	0.0091
6/15/2010 6:15		0.0049	-0.0083	-0.0014	-0.0064	0.0074	-0.0008	0.0129	0.0021	0.0091
6/15/2010 6:30		0.0058	-0.0079	-0.0007	-0.0072	0.0091	-0.0006	0.0129	0.0021	0.0091
6/15/2010 6:45		0.0067	-0.0071	0.0002	-0.0088	0.0121	-0.0004	0.0129	0.0021	0.0091
6/15/2010 7:00		0.0074	-0.0063	0.0009	-0.0102	0.0151	0.0000	0.0133	0.0021	0.0094
6/15/2010 7:15		0.0082	-0.0059	0.0016	-0.0113	0.0174	0.0003	0.0133	0.0013	0.0091
6/15/2010 7:30		0.0088	-0.0054	0.0021	-0.0129	0.0198	0.0003	0.0129	0.0020	0.0091
6/15/2010 7:45		0.0090	-0.0046	0.0025	-0.0139	0.0222	0.0007	0.0129	0.0013	0.0088
6/15/2010 8:00		0.0097	-0.0042	0.0031	-0.0155	0.0251	0.0009	0.0133	0.0013	0.0091
6/15/2010 8:15		0.0102	-0.0038	0.0036	-0.0160	0.0269	0.0014	0.0133	0.0013	0.0091
6/15/2010 8:30		0.0104	-0.0034	0.0038	-0.0176	0.0293	0.0014	0.0133	0.0013	0.0091
6/15/2010 8:45		0.0105	-0.0030	0.0041	-0.0185	0.0316	0.0018	0.0128	0.0013	0.0088
6/15/2010 9:00		0.0106	-0.0030	0.0042	-0.0197	0.0334	0.0018	0.0128	0.0005	0.0085
6/15/2010 9:15		0.0102	-0.0030	0.0040	-0.0209	0.0352	0.0018	0.0128	0.0005	0.0085
6/15/2010 9:30		0.0104	-0.0030	0.0040	-0.0213	0.0364	0.0020	0.0128	0.0013	0.0088
6/15/2010 9:45		0.0106	-0.0026	0.0043	-0.0221	0.0381	0.0023	0.0128	0.0005	0.0085

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/15/2010 10:00		0.0108	-0.0030	0.0043	-0.0229	0.0393	0.0023	0.0124	0.0005	0.0083
6/15/2010 10:15		0.0104	-0.0030	0.0040	-0.0237	0.0405	0.0023	0.0124	0.0005	0.0083
6/15/2010 10:30		0.0101	-0.0043	0.0033	-0.0239	0.0405	0.0021	0.0120	0.0005	0.0080
6/15/2010 10:45		0.0091	-0.0048	0.0025	-0.0238	0.0399	0.0020	0.0120	-0.0003	0.0077
6/15/2010 11:00		0.0082	-0.0056	0.0017	-0.0234	0.0387	0.0018	0.0116	-0.0003	0.0075
6/15/2010 11:15		0.0075	-0.0064	0.0009	-0.0226	0.0370	0.0015	0.0112	0.0005	0.0075
6/15/2010 11:30		0.0071	-0.0069	0.0005	-0.0216	0.0358	0.0016	0.0116	0.0005	0.0077
6/15/2010 11:45		0.0065	-0.0069	0.0002	-0.0212	0.0352	0.0016	0.0112	0.0005	0.0075
6/15/2010 12:00		0.0061	-0.0073	-0.0003	-0.0212	0.0346	0.0014	0.0116	0.0005	0.0077
6/15/2010 12:15		0.0055	-0.0081	-0.0009	-0.0202	0.0335	0.0015	0.0116	-0.0003	0.0075
6/15/2010 12:30		0.0046	-0.0086	-0.0016	-0.0194	0.0317	0.0013	0.0112	0.0005	0.0075
6/15/2010 12:45		0.0040	-0.0098	-0.0026	-0.0186	0.0293	0.0008	0.0108	0.0005	0.0072
6/15/2010 13:00		0.0031	-0.0102	-0.0032	-0.0170	0.0270	0.0008	0.0108	0.0005	0.0072
6/15/2010 13:15		0.0023	-0.0111	-0.0040	-0.0161	0.0252	0.0006	0.0108	0.0005	0.0072
6/15/2010 13:30		0.0014	-0.0111	-0.0045	-0.0148	0.0229	0.0004	0.0108	0.0005	0.0072
6/15/2010 13:45		0.0008	-0.0115	-0.0050	-0.0136	0.0205	0.0002	0.0108	0.0005	0.0072
6/15/2010 14:00		0.0003	-0.0119	-0.0055	-0.0128	0.0193	0.0002	0.0108	0.0012	0.0075
6/15/2010 14:15		-0.0002	-0.0128	-0.0061	-0.0112	0.0170	0.0002	0.0108	0.0012	0.0075
6/15/2010 14:30		-0.0006	-0.0136	-0.0068	-0.0100	0.0140	-0.0003	0.0108	0.0005	0.0072
6/15/2010 14:45		-0.0013	-0.0144	-0.0075	-0.0090	0.0116	-0.0007	0.0108	0.0005	0.0072
6/15/2010 15:00		-0.0017	-0.0148	-0.0079	-0.0078	0.0093	-0.0009	0.0108	0.0012	0.0075
6/15/2010 15:15		-0.0023	-0.0153	-0.0084	-0.0062	0.0069	-0.0009	0.0104	0.0012	0.0072
6/15/2010 15:30		-0.0030	-0.0157	-0.0090	-0.0052	0.0045	-0.0012	0.0104	0.0012	0.0072
6/15/2010 15:45		-0.0033	-0.0161	-0.0093	-0.0036	0.0016	-0.0015	0.0104	0.0012	0.0072
6/15/2010 16:00		-0.0037	-0.0165	-0.0097	-0.0020	-0.0008	-0.0015	0.0104	0.0012	0.0072
6/15/2010 16:15		-0.0040	-0.0169	-0.0101	-0.0012	-0.0025	-0.0017	0.0108	0.0012	0.0075
6/15/2010 16:30		-0.0041	-0.0169	-0.0102	-0.0001	-0.0043	-0.0018	0.0108	0.0012	0.0075
6/15/2010 16:45		-0.0043	-0.0169	-0.0102	0.0013	-0.0061	-0.0017	0.0108	0.0020	0.0077
6/15/2010 17:00		-0.0043	-0.0173	-0.0104	0.0025	-0.0078	-0.0017	0.0108	0.0020	0.0077
6/15/2010 17:15		-0.0045	-0.0169	-0.0104	0.0029	-0.0084	-0.0017	0.0112	0.0020	0.0080
6/15/2010 17:30		-0.0039	-0.0165	-0.0099	0.0035	-0.0090	-0.0016	0.0112	0.0020	0.0080
6/15/2010 17:45		-0.0034	-0.0161	-0.0094	0.0035	-0.0096	-0.0018	0.0116	0.0020	0.0083
6/15/2010 18:00		-0.0030	-0.0152	-0.0088	0.0035	-0.0096	-0.0018	0.0120	0.0020	0.0085
6/15/2010 18:15		-0.0024	-0.0140	-0.0079	0.0035	-0.0084	-0.0013	0.0120	0.0027	0.0088

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/15/2010 18:30		-0.0011	-0.0140	-0.0072	0.0037	-0.0073	-0.0008	0.0120	0.0027	0.0088
6/15/2010 18:45		-0.0004	-0.0127	-0.0062	0.0025	-0.0061	-0.0010	0.0124	0.0020	0.0088
6/15/2010 19:00		0.0005	-0.0123	-0.0055	0.0017	-0.0043	-0.0008	0.0124	0.0020	0.0088
6/15/2010 19:15		0.0010	-0.0115	-0.0049	0.0005	-0.0025	-0.0008	0.0124	0.0020	0.0088
6/15/2010 19:30		0.0017	-0.0110	-0.0043	-0.0005	-0.0002	-0.0004	0.0124	0.0020	0.0088
6/15/2010 19:45		0.0025	-0.0098	-0.0033	-0.0012	0.0010	-0.0003	0.0124	0.0027	0.0090
6/15/2010 20:00		0.0037	-0.0086	-0.0021	-0.0026	0.0040	0.0001	0.0128	0.0020	0.0090
6/15/2010 20:15		0.0045	-0.0077	-0.0013	-0.0040	0.0069	0.0004	0.0132	0.0012	0.0090
6/15/2010 20:30		0.0053	-0.0073	-0.0006	-0.0056	0.0093	0.0004	0.0128	0.0020	0.0090
6/15/2010 20:45		0.0062	-0.0069	0.0000	-0.0066	0.0116	0.0008	0.0128	0.0020	0.0090
6/15/2010 21:00		0.0066	-0.0069	0.0002	-0.0082	0.0140	0.0008	0.0128	0.0012	0.0088
6/15/2010 21:15		0.0068	-0.0065	0.0005	-0.0094	0.0164	0.0010	0.0128	0.0012	0.0088
6/15/2010 21:30		0.0074	-0.0061	0.0010	-0.0102	0.0181	0.0013	0.0124	0.0012	0.0085
6/15/2010 21:45		0.0076	-0.0057	0.0013	-0.0112	0.0199	0.0014	0.0128	0.0012	0.0088
6/15/2010 22:00		0.0081	-0.0052	0.0018	-0.0124	0.0223	0.0016	0.0124	0.0012	0.0085
6/15/2010 22:15		0.0080	-0.0053	0.0017	-0.0131	0.0235	0.0017	0.0128	0.0005	0.0085
6/15/2010 22:30		0.0077	-0.0053	0.0016	-0.0139	0.0246	0.0017	0.0124	0.0012	0.0085
6/15/2010 22:45		0.0075	-0.0053	0.0015	-0.0145	0.0258	0.0018	0.0120	0.0012	0.0082
6/15/2010 23:00		0.0070	-0.0061	0.0008	-0.0144	0.0258	0.0019	0.0120	0.0004	0.0080
6/15/2010 23:15		0.0067	-0.0066	0.0004	-0.0148	0.0258	0.0017	0.0116	0.0004	0.0077
6/15/2010 23:30		0.0066	-0.0070	0.0002	-0.0146	0.0259	0.0018	0.0116	0.0004	0.0077
6/15/2010 23:45		0.0057	-0.0074	-0.0005	-0.0142	0.0253	0.0018	0.0116	0.0004	0.0077
6/16/2010 0:00		0.0055	-0.0083	-0.0010	-0.0142	0.0247	0.0015	0.0112	0.0012	0.0077
6/16/2010 0:15		0.0048	-0.0083	-0.0014	-0.0138	0.0241	0.0015	0.0116	0.0004	0.0077
6/16/2010 0:30		0.0044	-0.0095	-0.0022	-0.0134	0.0223	0.0011	0.0112	0.0012	0.0077
6/16/2010 0:45		0.0036	-0.0099	-0.0028	-0.0128	0.0211	0.0009	0.0108	0.0012	0.0074
6/16/2010 1:00		0.0030	-0.0103	-0.0033	-0.0118	0.0194	0.0008	0.0108	0.0012	0.0074
6/16/2010 1:15		0.0024	-0.0108	-0.0038	-0.0110	0.0182	0.0008	0.0108	0.0012	0.0074
6/16/2010 1:30		0.0020	-0.0116	-0.0044	-0.0100	0.0164	0.0007	0.0108	0.0012	0.0074
6/16/2010 1:45		0.0014	-0.0116	-0.0047	-0.0090	0.0146	0.0006	0.0112	0.0004	0.0074
6/16/2010 2:00		0.0008	-0.0120	-0.0052	-0.0082	0.0129	0.0003	0.0108	0.0012	0.0074
6/16/2010 2:15		0.0002	-0.0124	-0.0058	-0.0075	0.0111	0.0000	0.0112	0.0004	0.0074
6/16/2010 2:30		0.0000	-0.0128	-0.0061	-0.0067	0.0099	0.0000	0.0108	0.0004	0.0072
6/16/2010 2:45		-0.0003	-0.0128	-0.0062	-0.0059	0.0087	0.0000	0.0108	0.0012	0.0074

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/16/2010 3:00		-0.0002	-0.0128	-0.0062	-0.0051	0.0070	-0.0002	0.0112	0.0012	0.0077
6/16/2010 3:15		-0.0005	-0.0132	-0.0065	-0.0045	0.0058	-0.0003	0.0112	0.0012	0.0077
6/16/2010 3:30		-0.0005	-0.0136	-0.0067	-0.0037	0.0046	-0.0003	0.0108	0.0020	0.0077
6/16/2010 3:45		-0.0003	-0.0137	-0.0066	-0.0027	0.0034	-0.0002	0.0108	0.0019	0.0077
6/16/2010 4:00		-0.0005	-0.0141	-0.0069	-0.0027	0.0028	-0.0005	0.0112	0.0012	0.0077
6/16/2010 4:15		-0.0005	-0.0141	-0.0069	-0.0021	0.0016	-0.0006	0.0112	0.0020	0.0080
6/16/2010 4:30		-0.0007	-0.0132	-0.0066	-0.0017	0.0011	-0.0006	0.0112	0.0020	0.0080
6/16/2010 4:45		-0.0003	-0.0132	-0.0064	-0.0013	0.0011	-0.0003	0.0112	0.0020	0.0080
6/16/2010 5:00		0.0004	-0.0128	-0.0058	-0.0013	0.0011	-0.0003	0.0120	0.0012	0.0082
6/16/2010 5:15		0.0007	-0.0128	-0.0057	-0.0017	0.0011	-0.0006	0.0116	0.0020	0.0082
6/16/2010 5:30		0.0010	-0.0120	-0.0051	-0.0017	0.0022	-0.0001	0.0120	0.0012	0.0082
6/16/2010 5:45		0.0017	-0.0116	-0.0046	-0.0015	0.0022	0.0000	0.0120	0.0019	0.0085
6/16/2010 6:00		0.0021	-0.0103	-0.0038	-0.0025	0.0040	0.0001	0.0124	0.0020	0.0088
6/16/2010 6:15		0.0030	-0.0099	-0.0031	-0.0030	0.0058	0.0006	0.0124	0.0019	0.0088
6/16/2010 6:30		0.0034	-0.0083	-0.0021	-0.0038	0.0076	0.0008	0.0124	0.0019	0.0088
6/16/2010 6:45		0.0042	-0.0074	-0.0013	-0.0050	0.0099	0.0011	0.0128	0.0012	0.0088
6/16/2010 7:00		0.0049	-0.0070	-0.0007	-0.0069	0.0128	0.0011	0.0128	0.0012	0.0088
6/16/2010 7:15		0.0058	-0.0066	0.0000	-0.0075	0.0146	0.0014	0.0128	0.0012	0.0088
6/16/2010 7:30		0.0067	-0.0057	0.0008	-0.0091	0.0176	0.0017	0.0132	0.0012	0.0090
6/16/2010 7:45		0.0073	-0.0053	0.0013	-0.0107	0.0205	0.0019	0.0128	0.0012	0.0088
6/16/2010 8:00		0.0083	-0.0049	0.0021	-0.0124	0.0229	0.0019	0.0132	0.0012	0.0090
6/16/2010 8:15		0.0088	-0.0040	0.0027	-0.0140	0.0258	0.0021	0.0128	0.0012	0.0088
6/16/2010 8:30		0.0090	-0.0032	0.0032	-0.0150	0.0282	0.0025	0.0128	0.0012	0.0088
6/16/2010 8:45		0.0096	-0.0024	0.0039	-0.0168	0.0317	0.0029	0.0136	0.0004	0.0090
6/16/2010 9:00		0.0103	-0.0019	0.0045	-0.0189	0.0347	0.0028	0.0132	0.0005	0.0088
6/16/2010 9:15		0.0112	-0.0015	0.0052	-0.0201	0.0370	0.0030	0.0144	0.0012	0.0098
6/16/2010 9:30		0.0114	-0.0007	0.0056	-0.0214	0.0400	0.0034	0.0152	0.0004	0.0101
6/16/2010 9:45		0.0111	-0.0019	0.0050	-0.0233	0.0418	0.0030	0.0148	0.0005	0.0098
6/16/2010 10:00		0.0117	-0.0011	0.0056	-0.0249	0.0447	0.0033	0.0156	0.0005	0.0103
6/16/2010 10:15		0.0118	-0.0011	0.0057	-0.0251	0.0459	0.0036	0.0164	0.0005	0.0109
6/16/2010 10:30		0.0122	-0.0007	0.0061	-0.0263	0.0476	0.0036	0.0185	0.0005	0.0122
6/16/2010 10:45		0.0120	-0.0006	0.0060	-0.0273	0.0494	0.0037	0.0197	0.0005	0.0130
6/16/2010 11:00		0.0120	-0.0006	0.0060	-0.0285	0.0518	0.0040	0.0205	0.0005	0.0135
6/16/2010 11:15		0.0115	-0.0019	0.0052	-0.0301	0.0524	0.0033	0.0213	-0.0003	0.0138

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/16/2010 11:30		0.0108	-0.0023	0.0046	-0.0298	0.0518	0.0032	0.0205	-0.0003	0.0132
6/16/2010 11:45		0.0103	-0.0027	0.0041	-0.0298	0.0518	0.0032	0.0201	-0.0003	0.0130
6/16/2010 12:00		0.0097	-0.0035	0.0034	-0.0300	0.0512	0.0028	0.0193	-0.0003	0.0125
6/16/2010 12:15		0.0093	-0.0039	0.0030	-0.0302	0.0505	0.0025	0.0185	0.0005	0.0122
6/16/2010 12:30		0.0087	-0.0043	0.0026	-0.0302	0.0500	0.0022	0.0177	0.0005	0.0117
6/16/2010 12:45		0.0079	-0.0048	0.0019	-0.0300	0.0488	0.0019	0.0169	-0.0003	0.0109
6/16/2010 13:00		0.0076	-0.0056	0.0014	-0.0299	0.0476	0.0014	0.0157	-0.0003	0.0101
6/16/2010 13:15		0.0067	-0.0060	0.0007	-0.0299	0.0470	0.0012	0.0140	-0.0003	0.0091
6/16/2010 13:30		0.0060	-0.0068	-0.0001	-0.0297	0.0452	0.0006	0.0124	-0.0002	0.0080
6/16/2010 13:45		0.0056	-0.0072	-0.0005	-0.0291	0.0434	0.0003	0.0112	0.0005	0.0075
6/16/2010 14:00		0.0051	-0.0072	-0.0007	-0.0284	0.0422	0.0002	0.0100	0.0005	0.0067
6/16/2010 14:15		0.0047	-0.0072	-0.0009	-0.0284	0.0422	0.0002	0.0092	0.0005	0.0062
6/16/2010 14:30		0.0043	-0.0084	-0.0017	-0.0278	0.0405	-0.0002	0.0076	0.0005	0.0051
6/16/2010 14:45		0.0028	-0.0097	-0.0031	-0.0270	0.0375	-0.0009	0.0052	-0.0002	0.0033
6/16/2010 15:00		0.0018	-0.0109	-0.0042	-0.0263	0.0351	-0.0015	0.0024	-0.0002	0.0015
6/16/2010 15:15		0.0010	-0.0113	-0.0048	-0.0251	0.0322	-0.0020	-0.0004	0.0005	-0.0001
6/16/2010 15:30		0.0005	-0.0113	-0.0051	-0.0247	0.0304	-0.0024	-0.0020	0.0005	-0.0011
6/16/2010 15:45		0.0003	-0.0113	-0.0052	-0.0236	0.0286	-0.0025	-0.0032	0.0006	-0.0019
6/16/2010 16:00		0.0000	-0.0117	-0.0055	-0.0226	0.0268	-0.0026	-0.0044	0.0013	-0.0024
6/16/2010 16:15		-0.0003	-0.0125	-0.0061	-0.0220	0.0256	-0.0027	-0.0064	0.0013	-0.0037
6/16/2010 16:30		-0.0013	-0.0133	-0.0070	-0.0209	0.0227	-0.0033	-0.0084	0.0006	-0.0053
6/16/2010 16:45		-0.0017	-0.0141	-0.0076	-0.0197	0.0203	-0.0035	-0.0105	0.0006	-0.0066
6/16/2010 17:00		-0.0024	-0.0145	-0.0081	-0.0191	0.0179	-0.0041	-0.0129	0.0006	-0.0082
6/16/2010 17:15		-0.0028	-0.0145	-0.0083	-0.0176	0.0156	-0.0042	-0.0149	0.0013	-0.0092
6/16/2010 17:30		-0.0031	-0.0145	-0.0085	-0.0164	0.0138	-0.0042	-0.0161	0.0006	-0.0103
6/16/2010 17:45		-0.0030	-0.0145	-0.0085	-0.0156	0.0126	-0.0042	-0.0169	0.0013	-0.0105
6/16/2010 18:00		-0.0029	-0.0145	-0.0084	-0.0146	0.0114	-0.0041	-0.0181	0.0014	-0.0113
6/16/2010 18:15		-0.0030	-0.0149	-0.0086	-0.0140	0.0102	-0.0042	-0.0189	0.0014	-0.0118
6/16/2010 18:30		-0.0029	-0.0140	-0.0082	-0.0133	0.0096	-0.0040	-0.0193	0.0021	-0.0118
6/16/2010 18:45		-0.0023	-0.0136	-0.0077	-0.0124	0.0091	-0.0037	-0.0193	0.0021	-0.0118
6/16/2010 19:00		-0.0019	-0.0128	-0.0070	-0.0118	0.0097	-0.0031	-0.0189	0.0021	-0.0116
6/16/2010 19:15		-0.0013	-0.0120	-0.0064	-0.0114	0.0103	-0.0026	-0.0177	0.0021	-0.0108
6/16/2010 19:30		-0.0006	-0.0120	-0.0059	-0.0116	0.0108	-0.0025	-0.0169	0.0014	-0.0105
6/16/2010 19:45		0.0001	-0.0116	-0.0054	-0.0118	0.0114	-0.0024	-0.0161	0.0021	-0.0097

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/16/2010 20:00		0.0005	-0.0107	-0.0048	-0.0122	0.0126	-0.0022	-0.0145	0.0014	-0.0090
6/16/2010 20:15		0.0013	-0.0103	-0.0042	-0.0128	0.0144	-0.0018	-0.0129	0.0014	-0.0079
6/16/2010 20:30		0.0025	-0.0094	-0.0031	-0.0136	0.0161	-0.0015	-0.0108	0.0021	-0.0063
6/16/2010 20:45		0.0032	-0.0082	-0.0022	-0.0149	0.0185	-0.0014	-0.0080	0.0014	-0.0047
6/16/2010 21:00		0.0041	-0.0073	-0.0013	-0.0165	0.0214	-0.0012	-0.0064	0.0021	-0.0034
6/16/2010 21:15		0.0049	-0.0065	-0.0005	-0.0179	0.0232	-0.0013	-0.0036	0.0014	-0.0019
6/16/2010 21:30		0.0058	-0.0065	0.0000	-0.0191	0.0261	-0.0008	-0.0016	0.0014	-0.0006
6/16/2010 21:45		0.0066	-0.0056	0.0008	-0.0209	0.0285	-0.0009	0.0008	0.0014	0.0010
6/16/2010 22:00		0.0071	-0.0052	0.0013	-0.0221	0.0303	-0.0009	0.0024	0.0014	0.0021
6/16/2010 22:15		0.0077	-0.0052	0.0016	-0.0233	0.0326	-0.0007	0.0041	0.0014	0.0031
6/16/2010 22:30		0.0080	-0.0048	0.0019	-0.0245	0.0344	-0.0007	0.0057	0.0014	0.0042
6/16/2010 22:45		0.0076	-0.0048	0.0018	-0.0257	0.0362	-0.0007	0.0069	0.0006	0.0047
6/16/2010 23:00		0.0080	-0.0052	0.0018	-0.0258	0.0367	-0.0005	0.0077	0.0006	0.0052
6/16/2010 23:15		0.0081	-0.0052	0.0018	-0.0265	0.0379	-0.0004	0.0085	0.0006	0.0057
6/16/2010 23:30		0.0079	-0.0052	0.0017	-0.0270	0.0385	-0.0005	0.0089	0.0006	0.0060
6/16/2010 23:45		0.0078	-0.0048	0.0019	-0.0278	0.0397	-0.0005	0.0097	0.0006	0.0065
6/17/2010 0:00		0.0077	-0.0052	0.0016	-0.0284	0.0397	-0.0009	0.0097	0.0006	0.0065
6/17/2010 0:15		0.0074	-0.0056	0.0013	-0.0288	0.0397	-0.0011	0.0093	0.0006	0.0063
6/17/2010 0:30		0.0068	-0.0064	0.0005	-0.0286	0.0391	-0.0012	0.0085	0.0006	0.0058
6/17/2010 0:45		0.0062	-0.0077	-0.0003	-0.0286	0.0379	-0.0017	0.0073	-0.0001	0.0047
6/17/2010 1:00		0.0056	-0.0077	-0.0007	-0.0286	0.0373	-0.0020	0.0061	-0.0001	0.0039
6/17/2010 1:15		0.0053	-0.0085	-0.0012	-0.0284	0.0361	-0.0023	0.0045	0.0006	0.0031
6/17/2010 1:30		0.0047	-0.0085	-0.0015	-0.0280	0.0350	-0.0025	0.0033	0.0006	0.0023
6/17/2010 1:45		0.0042	-0.0093	-0.0022	-0.0272	0.0332	-0.0028	0.0025	0.0006	0.0018
6/17/2010 2:00		0.0037	-0.0098	-0.0027	-0.0264	0.0314	-0.0030	0.0004	0.0014	0.0008
6/17/2010 2:15		0.0032	-0.0102	-0.0031	-0.0258	0.0296	-0.0034	-0.0012	0.0007	-0.0005
6/17/2010 2:30		0.0027	-0.0110	-0.0038	-0.0254	0.0279	-0.0038	-0.0032	0.0007	-0.0018
6/17/2010 2:45		0.0023	-0.0114	-0.0042	-0.0247	0.0261	-0.0042	-0.0052	0.0014	-0.0029
6/17/2010 3:00		0.0019	-0.0122	-0.0048	-0.0235	0.0237	-0.0044	-0.0064	0.0007	-0.0039
6/17/2010 3:15		0.0013	-0.0127	-0.0053	-0.0226	0.0220	-0.0045	-0.0084	0.0007	-0.0052
6/17/2010 3:30		0.0009	-0.0126	-0.0055	-0.0215	0.0202	-0.0047	-0.0100	0.0007	-0.0063
6/17/2010 3:45		0.0006	-0.0126	-0.0056	-0.0203	0.0184	-0.0047	-0.0116	0.0014	-0.0071
6/17/2010 4:00		0.0001	-0.0131	-0.0061	-0.0190	0.0167	-0.0045	-0.0132	0.0014	-0.0081
6/17/2010 4:15		-0.0001	-0.0135	-0.0064	-0.0182	0.0149	-0.0048	-0.0148	0.0014	-0.0092

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/17/2010 4:30		-0.0004	-0.0139	-0.0068	-0.0175	0.0131	-0.0051	-0.0165	0.0007	-0.0105
6/17/2010 4:45		-0.0007	-0.0143	-0.0071	-0.0162	0.0108	-0.0053	-0.0177	0.0007	-0.0113
6/17/2010 5:00		-0.0010	-0.0144	-0.0073	-0.0148	0.0090	-0.0052	-0.0193	0.0014	-0.0121
6/17/2010 5:15		-0.0009	-0.0152	-0.0077	-0.0138	0.0072	-0.0053	-0.0209	0.0021	-0.0129
6/17/2010 5:30		-0.0012	-0.0148	-0.0076	-0.0126	0.0061	-0.0051	-0.0217	0.0014	-0.0136
6/17/2010 5:45		-0.0016	-0.0148	-0.0078	-0.0118	0.0055	-0.0048	-0.0233	0.0021	-0.0144
6/17/2010 6:00		-0.0016	-0.0148	-0.0078	-0.0108	0.0037	-0.0050	-0.0241	0.0021	-0.0150
6/17/2010 6:15		-0.0015	-0.0148	-0.0078	-0.0100	0.0031	-0.0047	-0.0245	0.0014	-0.0155
6/17/2010 6:30		-0.0011	-0.0144	-0.0074	-0.0094	0.0025	-0.0046	-0.0249	0.0021	-0.0155
6/17/2010 6:45		-0.0008	-0.0140	-0.0071	-0.0088	0.0025	-0.0042	-0.0245	0.0021	-0.0152
6/17/2010 7:00		-0.0006	-0.0136	-0.0067	-0.0084	0.0025	-0.0040	-0.0241	0.0021	-0.0150
6/17/2010 7:15		0.0002	-0.0127	-0.0059	-0.0080	0.0031	-0.0035	-0.0229	0.0014	-0.0144
6/17/2010 7:30		0.0007	-0.0123	-0.0054	-0.0080	0.0037	-0.0033	-0.0221	0.0021	-0.0137
6/17/2010 7:45		0.0012	-0.0115	-0.0048	-0.0083	0.0049	-0.0029	-0.0209	0.0021	-0.0129
6/17/2010 8:00		0.0021	-0.0111	-0.0041	-0.0088	0.0061	-0.0028	-0.0193	0.0021	-0.0118
6/17/2010 8:15		0.0025	-0.0107	-0.0037	-0.0095	0.0079	-0.0025	-0.0177	0.0021	-0.0108
6/17/2010 8:30		0.0034	-0.0102	-0.0030	-0.0104	0.0096	-0.0023	-0.0161	0.0021	-0.0097
6/17/2010 8:45		0.0037	-0.0094	-0.0025	-0.0113	0.0108	-0.0023	-0.0145	0.0014	-0.0089
6/17/2010 9:00		0.0048	-0.0090	-0.0017	-0.0121	0.0126	-0.0021	-0.0124	0.0014	-0.0076
6/17/2010 9:15		0.0055	-0.0085	-0.0011	-0.0134	0.0149	-0.0020	-0.0108	0.0014	-0.0066
6/17/2010 9:30		0.0057	-0.0077	-0.0006	-0.0145	0.0167	-0.0019	-0.0092	0.0014	-0.0055
6/17/2010 9:45		0.0066	-0.0077	-0.0001	-0.0158	0.0190	-0.0017	-0.0076	0.0014	-0.0045
6/17/2010 10:00		0.0068	-0.0065	0.0005	-0.0169	0.0214	-0.0014	-0.0052	0.0014	-0.0029
6/17/2010 10:15		0.0075	-0.0064	0.0009	-0.0178	0.0226	-0.0015	-0.0036	0.0014	-0.0019
6/17/2010 10:30		0.0077	-0.0064	0.0010	-0.0190	0.0244	-0.0015	-0.0024	0.0014	-0.0011
6/17/2010 10:45		0.0078	-0.0060	0.0013	-0.0197	0.0255	-0.0014	-0.0012	0.0006	-0.0005
6/17/2010 11:00		0.0080	-0.0060	0.0014	-0.0206	0.0273	-0.0012	-0.0004	0.0014	0.0002
6/17/2010 11:15		0.0079	-0.0065	0.0011	-0.0209	0.0279	-0.0011	0.0004	0.0006	0.0005
6/17/2010 11:30		0.0078	-0.0056	0.0014	-0.0217	0.0291	-0.0011	0.0012	0.0006	0.0010
6/17/2010 11:45		0.0078	-0.0065	0.0011	-0.0221	0.0297	-0.0011	0.0020	0.0006	0.0016
6/17/2010 12:00		0.0073	-0.0073	0.0004	-0.0221	0.0291	-0.0014	0.0012	0.0006	0.0010
6/17/2010 12:15		0.0071	-0.0073	0.0003	-0.0223	0.0291	-0.0015	0.0008	0.0006	0.0008
6/17/2010 12:30		0.0066	-0.0077	-0.0002	-0.0223	0.0285	-0.0018	0.0004	-0.0001	0.0002
6/17/2010 12:45		0.0060	-0.0086	-0.0009	-0.0219	0.0273	-0.0020	-0.0012	0.0006	-0.0006

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/17/2010 13:00		0.0057	-0.0094	-0.0015	-0.0215	0.0261	-0.0022	-0.0024	0.0006	-0.0013
6/17/2010 13:15		0.0052	-0.0094	-0.0017	-0.0215	0.0256	-0.0025	-0.0028	0.0006	-0.0016
6/17/2010 13:30		0.0049	-0.0094	-0.0019	-0.0211	0.0250	-0.0025	-0.0020	0.0006	-0.0011
6/17/2010 13:45		0.0040	-0.0102	-0.0027	-0.0207	0.0232	-0.0029	-0.0012	0.0006	-0.0006
6/17/2010 14:00		0.0034	-0.0107	-0.0033	-0.0199	0.0220	-0.0029	0.0004	0.0006	0.0005
6/17/2010 14:15		0.0029	-0.0119	-0.0041	-0.0191	0.0197	-0.0034	0.0016	0.0006	0.0013
6/17/2010 14:30		0.0024	-0.0123	-0.0045	-0.0183	0.0173	-0.0039	0.0053	0.0014	0.0039
6/17/2010 14:45		0.0021	-0.0127	-0.0049	-0.0175	0.0161	-0.0039	0.0093	0.0006	0.0063
6/17/2010 15:00		0.0013	-0.0132	-0.0056	-0.0163	0.0138	-0.0041	0.0101	0.0006	0.0068
6/17/2010 15:15		0.0008	-0.0140	-0.0062	-0.0151	0.0114	-0.0044	0.0101	0.0014	0.0071
6/17/2010 15:30		0.0000	-0.0140	-0.0066	-0.0139	0.0090	-0.0046	0.0105	0.0014	0.0073
6/17/2010 15:45		-0.0002	-0.0153	-0.0073	-0.0131	0.0067	-0.0051	0.0105	0.0006	0.0071
6/17/2010 16:00		-0.0008	-0.0157	-0.0078	-0.0113	0.0037	-0.0052	0.0101	0.0014	0.0070
6/17/2010 16:15		-0.0019	-0.0165	-0.0088	-0.0103	0.0014	-0.0056	0.0101	0.0014	0.0071
6/17/2010 16:30		-0.0020	-0.0174	-0.0093	-0.0087	-0.0016	-0.0058	0.0101	0.0014	0.0071
6/17/2010 16:45		-0.0030	-0.0178	-0.0100	-0.0069	-0.0045	-0.0059	0.0101	0.0014	0.0070
6/17/2010 17:00		-0.0036	-0.0178	-0.0103	-0.0057	-0.0069	-0.0062	0.0101	0.0021	0.0073
6/17/2010 17:15		-0.0039	-0.0186	-0.0109	-0.0035	-0.0098	-0.0061	0.0105	0.0014	0.0073
6/17/2010 17:30		-0.0045	-0.0195	-0.0116	-0.0019	-0.0128	-0.0063	0.0101	0.0021	0.0073
6/17/2010 17:45		-0.0056	-0.0199	-0.0124	-0.0006	-0.0151	-0.0065	0.0101	0.0014	0.0070
6/17/2010 18:00		-0.0059	-0.0199	-0.0125	0.0014	-0.0175	-0.0062	0.0105	0.0021	0.0076
6/17/2010 18:15		-0.0060	-0.0204	-0.0128	0.0028	-0.0198	-0.0064	0.0105	0.0021	0.0076
6/17/2010 18:30		-0.0065	-0.0208	-0.0132	0.0046	-0.0216	-0.0060	0.0109	0.0021	0.0078
6/17/2010 18:45		-0.0065	-0.0204	-0.0131	0.0058	-0.0228	-0.0058	0.0109	0.0021	0.0078
6/17/2010 19:00		-0.0067	-0.0204	-0.0132	0.0070	-0.0245	-0.0058	0.0113	0.0021	0.0081
6/17/2010 19:15		-0.0065	-0.0204	-0.0131	0.0079	-0.0251	-0.0054	0.0109	0.0028	0.0081
6/17/2010 19:30		-0.0066	-0.0192	-0.0125	0.0089	-0.0257	-0.0051	0.0113	0.0028	0.0083
6/17/2010 19:45		-0.0059	-0.0183	-0.0118	0.0097	-0.0257	-0.0046	0.0117	0.0028	0.0086
6/17/2010 20:00		-0.0053	-0.0183	-0.0115	0.0097	-0.0251	-0.0044	0.0117	0.0028	0.0086
6/17/2010 20:15		-0.0048	-0.0171	-0.0106	0.0105	-0.0251	-0.0039	0.0121	0.0021	0.0086
6/17/2010 20:30		-0.0040	-0.0163	-0.0098	0.0103	-0.0233	-0.0033	0.0125	0.0028	0.0091
6/17/2010 20:45		-0.0031	-0.0159	-0.0091	0.0100	-0.0221	-0.0030	0.0121	0.0028	0.0088
6/17/2010 21:00		-0.0025	-0.0146	-0.0083	0.0094	-0.0203	-0.0026	0.0125	0.0021	0.0088
6/17/2010 21:15		-0.0018	-0.0142	-0.0077	0.0086	-0.0186	-0.0024	0.0129	0.0021	0.0091

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/17/2010 21:30		-0.0007	-0.0138	-0.0069	0.0076	-0.0168	-0.0023	0.0125	0.0028	0.0091
6/17/2010 21:45		0.0000	-0.0126	-0.0059	0.0069	-0.0144	-0.0017	0.0129	0.0020	0.0091
6/17/2010 22:00		0.0007	-0.0118	-0.0052	0.0060	-0.0120	-0.0013	0.0128	0.0020	0.0091
6/17/2010 22:15		0.0013	-0.0114	-0.0047	0.0050	-0.0103	-0.0012	0.0128	0.0020	0.0091
6/17/2010 22:30		0.0024	-0.0101	-0.0035	0.0038	-0.0079	-0.0009	0.0128	0.0020	0.0091
6/17/2010 22:45		0.0033	-0.0097	-0.0029	0.0028	-0.0055	-0.0006	0.0128	0.0020	0.0091
6/17/2010 23:00		0.0040	-0.0093	-0.0023	0.0012	-0.0026	-0.0003	0.0124	0.0020	0.0088
6/17/2010 23:15		0.0043	-0.0093	-0.0022	-0.0003	-0.0008	-0.0005	0.0124	0.0012	0.0085
6/17/2010 23:30		0.0041	-0.0094	-0.0023	-0.0005	-0.0002	-0.0004	0.0124	0.0012	0.0085
6/17/2010 23:45		0.0038	-0.0106	-0.0030	-0.0009	-0.0002	-0.0006	0.0116	0.0012	0.0080
6/18/2010 0:00		0.0032	-0.0110	-0.0036	-0.0013	-0.0002	-0.0009	0.0116	0.0005	0.0077
6/18/2010 0:15		0.0036	-0.0106	-0.0031	-0.0012	-0.0002	-0.0008	0.0116	0.0012	0.0080
6/18/2010 0:30		0.0038	-0.0102	-0.0028	-0.0016	0.0010	-0.0005	0.0120	0.0020	0.0085
6/18/2010 0:45		0.0040	-0.0098	-0.0025	-0.0021	0.0022	-0.0004	0.0120	0.0020	0.0085
6/18/2010 1:00		0.0039	-0.0094	-0.0023	-0.0021	0.0028	-0.0001	0.0120	0.0012	0.0083
6/18/2010 1:15		0.0038	-0.0102	-0.0028	-0.0024	0.0028	-0.0003	0.0116	0.0005	0.0077
6/18/2010 1:30		0.0039	-0.0110	-0.0032	-0.0029	0.0022	-0.0009	0.0116	0.0005	0.0077
6/18/2010 1:45		0.0028	-0.0118	-0.0041	-0.0031	0.0016	-0.0012	0.0108	0.0012	0.0075
6/18/2010 2:00		0.0020	-0.0127	-0.0050	-0.0025	-0.0002	-0.0016	0.0104	0.0012	0.0072
6/18/2010 2:15		0.0019	-0.0140	-0.0056	-0.0017	-0.0020	-0.0018	0.0108	0.0012	0.0075
6/18/2010 2:30		0.0010	-0.0135	-0.0059	-0.0013	-0.0037	-0.0023	0.0112	0.0012	0.0077
6/18/2010 2:45		0.0009	-0.0135	-0.0059	-0.0005	-0.0049	-0.0023	0.0112	0.0012	0.0077
6/18/2010 3:00		0.0006	-0.0140	-0.0063	0.0003	-0.0061	-0.0023	0.0108	0.0012	0.0075
6/18/2010 3:15		0.0001	-0.0144	-0.0067	0.0007	-0.0073	-0.0025	0.0108	0.0012	0.0075
6/18/2010 3:30		-0.0005	-0.0152	-0.0074	0.0015	-0.0090	-0.0028	0.0104	0.0012	0.0072
6/18/2010 3:45		-0.0009	-0.0161	-0.0081	0.0023	-0.0114	-0.0032	0.0104	0.0012	0.0072
6/18/2010 4:00		-0.0015	-0.0165	-0.0086	0.0031	-0.0126	-0.0032	0.0108	0.0012	0.0075
6/18/2010 4:15		-0.0018	-0.0169	-0.0090	0.0047	-0.0155	-0.0035	0.0108	0.0012	0.0075
6/18/2010 4:30		-0.0025	-0.0169	-0.0093	0.0053	-0.0167	-0.0036	0.0108	0.0020	0.0077
6/18/2010 4:45		-0.0030	-0.0173	-0.0097	0.0063	-0.0185	-0.0037	0.0104	0.0020	0.0075
6/18/2010 5:00		-0.0033	-0.0173	-0.0099	0.0075	-0.0202	-0.0037	0.0104	0.0020	0.0075
6/18/2010 5:15		-0.0036	-0.0178	-0.0103	0.0090	-0.0220	-0.0035	0.0108	0.0020	0.0077
6/18/2010 5:30		-0.0038	-0.0182	-0.0106	0.0098	-0.0232	-0.0035	0.0108	0.0020	0.0077
6/18/2010 5:45		-0.0038	-0.0182	-0.0106	0.0106	-0.0244	-0.0035	0.0112	0.0020	0.0080

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/18/2010 6:00		-0.0045	-0.0182	-0.0110	0.0116	-0.0249	-0.0032	0.0112	0.0020	0.0080
6/18/2010 6:15		-0.0048	-0.0186	-0.0113	0.0126	-0.0267	-0.0033	0.0108	0.0020	0.0077
6/18/2010 6:30		-0.0048	-0.0186	-0.0113	0.0134	-0.0273	-0.0031	0.0112	0.0020	0.0080
6/18/2010 6:45		-0.0049	-0.0187	-0.0114	0.0139	-0.0284	-0.0032	0.0112	0.0020	0.0080
6/18/2010 7:00		-0.0053	-0.0183	-0.0114	0.0147	-0.0290	-0.0030	0.0112	0.0020	0.0080
6/18/2010 7:15		-0.0049	-0.0179	-0.0110	0.0153	-0.0290	-0.0026	0.0116	0.0027	0.0085
6/18/2010 7:30		-0.0049	-0.0175	-0.0108	0.0159	-0.0290	-0.0023	0.0116	0.0019	0.0082
6/18/2010 7:45		-0.0044	-0.0170	-0.0104	0.0161	-0.0290	-0.0022	0.0120	0.0019	0.0085
6/18/2010 8:00		-0.0040	-0.0162	-0.0098	0.0163	-0.0278	-0.0016	0.0120	0.0019	0.0085
6/18/2010 8:15		-0.0034	-0.0154	-0.0091	0.0159	-0.0272	-0.0016	0.0124	0.0019	0.0088
6/18/2010 8:30		-0.0027	-0.0149	-0.0085	0.0159	-0.0261	-0.0011	0.0120	0.0027	0.0088
6/18/2010 8:45		-0.0018	-0.0145	-0.0078	0.0147	-0.0243	-0.0011	0.0124	0.0019	0.0088
6/18/2010 9:00		-0.0014	-0.0141	-0.0074	0.0139	-0.0225	-0.0009	0.0124	0.0027	0.0090
6/18/2010 9:15		-0.0006	-0.0133	-0.0066	0.0131	-0.0208	-0.0006	0.0124	0.0019	0.0088
6/18/2010 9:30		0.0004	-0.0124	-0.0057	0.0119	-0.0190	-0.0006	0.0128	0.0019	0.0090
6/18/2010 9:45		0.0012	-0.0116	-0.0048	0.0105	-0.0166	-0.0005	0.0132	0.0019	0.0093
6/18/2010 10:00		0.0023	-0.0103	-0.0036	0.0087	-0.0137	-0.0003	0.0132	0.0020	0.0093
6/18/2010 10:15		0.0032	-0.0099	-0.0030	0.0073	-0.0107	0.0000	0.0132	0.0019	0.0093
6/18/2010 10:30		0.0044	-0.0095	-0.0022	0.0059	-0.0084	0.0001	0.0136	0.0020	0.0096
6/18/2010 10:45		0.0050	-0.0086	-0.0015	0.0043	-0.0060	0.0001	0.0140	0.0012	0.0096
6/18/2010 11:00		0.0058	-0.0082	-0.0008	0.0031	-0.0031	0.0006	0.0136	0.0020	0.0096
6/18/2010 11:15		0.0063	-0.0074	-0.0002	0.0015	-0.0007	0.0006	0.0136	0.0020	0.0096
6/18/2010 11:30		0.0069	-0.0070	0.0004	0.0003	0.0016	0.0008	0.0136	0.0020	0.0096
6/18/2010 11:45		0.0076	-0.0070	0.0007	-0.0013	0.0040	0.0008	0.0136	0.0012	0.0093
6/18/2010 12:00		0.0080	-0.0065	0.0011	-0.0025	0.0064	0.0011	0.0136	0.0012	0.0093
6/18/2010 12:15		0.0083	-0.0061	0.0015	-0.0033	0.0075	0.0011	0.0132	0.0012	0.0090
6/18/2010 12:30		0.0083	-0.0061	0.0015	-0.0045	0.0093	0.0011	0.0128	0.0012	0.0088
6/18/2010 12:45		0.0083	-0.0061	0.0015	-0.0053	0.0111	0.0013	0.0128	0.0012	0.0088
6/18/2010 13:00		0.0084	-0.0057	0.0017	-0.0061	0.0123	0.0013	0.0124	0.0012	0.0085
6/18/2010 13:15		0.0085	-0.0061	0.0016	-0.0069	0.0134	0.0013	0.0124	0.0005	0.0082
6/18/2010 13:30		0.0083	-0.0065	0.0013	-0.0073	0.0140	0.0013	0.0124	0.0005	0.0082
6/18/2010 13:45		0.0083	-0.0069	0.0011	-0.0079	0.0146	0.0012	0.0120	0.0012	0.0082
6/18/2010 14:00		0.0083	-0.0073	0.0009	-0.0084	0.0146	0.0009	0.0116	0.0005	0.0077
6/18/2010 14:15		0.0078	-0.0077	0.0005	-0.0084	0.0140	0.0006	0.0112	0.0012	0.0077

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/18/2010 14:30		0.0074	-0.0086	-0.0001	-0.0088	0.0146	0.0006	0.0116	0.0005	0.0077
6/18/2010 14:45		0.0071	-0.0090	-0.0005	-0.0086	0.0134	0.0003	0.0112	0.0005	0.0075
6/18/2010 15:00		0.0061	-0.0090	-0.0010	-0.0084	0.0122	-0.0001	0.0112	0.0005	0.0075
6/18/2010 15:15		0.0056	-0.0098	-0.0017	-0.0082	0.0110	-0.0004	0.0108	0.0012	0.0075
6/18/2010 15:30		0.0049	-0.0102	-0.0023	-0.0078	0.0099	-0.0007	0.0112	0.0005	0.0075
6/18/2010 15:45		0.0046	-0.0111	-0.0028	-0.0076	0.0087	-0.0010	0.0108	0.0005	0.0072
6/18/2010 16:00		0.0038	-0.0115	-0.0034	-0.0068	0.0069	-0.0012	0.0108	0.0005	0.0072
6/18/2010 16:15		0.0032	-0.0119	-0.0039	-0.0056	0.0045	-0.0015	0.0108	0.0012	0.0075
6/18/2010 16:30		0.0028	-0.0123	-0.0044	-0.0052	0.0034	-0.0017	0.0108	0.0012	0.0075
6/18/2010 16:45		0.0023	-0.0127	-0.0048	-0.0045	0.0022	-0.0018	0.0108	0.0012	0.0075
6/18/2010 17:00		0.0017	-0.0131	-0.0053	-0.0037	-0.0002	-0.0023	0.0108	0.0012	0.0075
6/18/2010 17:15		0.0012	-0.0139	-0.0060	-0.0027	-0.0020	-0.0024	0.0108	0.0020	0.0077
6/18/2010 17:30		0.0011	-0.0144	-0.0062	-0.0023	-0.0032	-0.0026	0.0112	0.0012	0.0077
6/18/2010 17:45		0.0010	-0.0148	-0.0064	-0.0011	-0.0049	-0.0026	0.0108	0.0012	0.0075
6/18/2010 18:00		0.0005	-0.0148	-0.0067	-0.0003	-0.0061	-0.0026	0.0108	0.0012	0.0075
6/18/2010 18:15		0.0005	-0.0148	-0.0067	0.0004	-0.0073	-0.0027	0.0112	0.0013	0.0078
6/18/2010 18:30		0.0005	-0.0148	-0.0067	0.0012	-0.0091	-0.0030	0.0112	0.0020	0.0080
6/18/2010 18:45		0.0002	-0.0148	-0.0069	0.0016	-0.0097	-0.0030	0.0108	0.0020	0.0078
6/18/2010 19:00		0.0001	-0.0152	-0.0071	0.0028	-0.0108	-0.0027	0.0112	0.0013	0.0078
6/18/2010 19:15		0.0001	-0.0156	-0.0073	0.0036	-0.0120	-0.0027	0.0112	0.0020	0.0080
6/18/2010 19:30		0.0001	-0.0156	-0.0073	0.0041	-0.0132	-0.0029	0.0112	0.0020	0.0080
6/18/2010 19:45		0.0001	-0.0148	-0.0069	0.0048	-0.0138	-0.0027	0.0116	0.0020	0.0083
6/18/2010 20:00		0.0002	-0.0143	-0.0067	0.0052	-0.0138	-0.0025	0.0112	0.0020	0.0080
6/18/2010 20:15		0.0008	-0.0139	-0.0062	0.0057	-0.0132	-0.0019	0.0116	0.0020	0.0083
6/18/2010 20:30		0.0015	-0.0127	-0.0052	0.0056	-0.0126	-0.0018	0.0120	0.0028	0.0088
6/18/2010 20:45		0.0019	-0.0123	-0.0048	0.0061	-0.0120	-0.0012	0.0124	0.0020	0.0088
6/18/2010 21:00		0.0028	-0.0119	-0.0042	0.0055	-0.0102	-0.0009	0.0120	0.0020	0.0085
6/18/2010 21:15		0.0035	-0.0110	-0.0034	0.0047	-0.0084	-0.0006	0.0120	0.0027	0.0088
6/18/2010 21:30		0.0039	-0.0102	-0.0028	0.0043	-0.0073	-0.0004	0.0124	0.0020	0.0088
6/18/2010 21:45		0.0045	-0.0098	-0.0023	0.0031	-0.0055	-0.0004	0.0124	0.0020	0.0088
6/18/2010 22:00		0.0054	-0.0085	-0.0012	0.0019	-0.0025	0.0001	0.0128	0.0020	0.0091
6/18/2010 22:15		0.0064	-0.0077	-0.0003	0.0007	-0.0002	0.0003	0.0128	0.0012	0.0088
6/18/2010 22:30		0.0076	-0.0073	0.0006	-0.0007	0.0028	0.0007	0.0128	0.0012	0.0088
6/18/2010 22:45		0.0078	-0.0061	0.0013	-0.0022	0.0051	0.0008	0.0128	0.0020	0.0090

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/18/2010 23:00		0.0086	-0.0056	0.0019	-0.0038	0.0081	0.0010	0.0124	0.0020	0.0088
6/18/2010 23:15		0.0092	-0.0056	0.0022	-0.0046	0.0099	0.0013	0.0128	0.0012	0.0088
6/18/2010 23:30		0.0098	-0.0048	0.0029	-0.0060	0.0128	0.0016	0.0128	0.0012	0.0088
6/18/2010 23:45		0.0105	-0.0044	0.0035	-0.0074	0.0152	0.0017	0.0128	0.0012	0.0088
6/19/2010 0:00		0.0111	-0.0040	0.0040	-0.0090	0.0181	0.0020	0.0128	0.0012	0.0088
6/19/2010 0:15		0.0113	-0.0036	0.0043	-0.0100	0.0205	0.0023	0.0128	0.0005	0.0085
6/19/2010 0:30		0.0114	-0.0031	0.0045	-0.0112	0.0223	0.0023	0.0124	0.0012	0.0085
6/19/2010 0:45		0.0115	-0.0031	0.0046	-0.0130	0.0246	0.0022	0.0124	0.0012	0.0085
6/19/2010 1:00		0.0119	-0.0036	0.0046	-0.0136	0.0258	0.0023	0.0124	0.0012	0.0085
6/19/2010 1:15		0.0119	-0.0031	0.0048	-0.0150	0.0276	0.0022	0.0124	0.0005	0.0083
6/19/2010 1:30		0.0118	-0.0031	0.0047	-0.0154	0.0282	0.0022	0.0124	0.0005	0.0083
6/19/2010 1:45		0.0117	-0.0031	0.0047	-0.0157	0.0293	0.0026	0.0124	0.0005	0.0083
6/19/2010 2:00		0.0117	-0.0035	0.0045	-0.0168	0.0305	0.0023	0.0120	0.0005	0.0080
6/19/2010 2:15		0.0115	-0.0035	0.0044	-0.0170	0.0311	0.0024	0.0120	0.0012	0.0083
6/19/2010 2:30		0.0112	-0.0040	0.0040	-0.0174	0.0311	0.0022	0.0116	0.0005	0.0077
6/19/2010 2:45		0.0110	-0.0052	0.0033	-0.0178	0.0311	0.0020	0.0116	-0.0003	0.0075
6/19/2010 3:00		0.0103	-0.0056	0.0028	-0.0174	0.0305	0.0020	0.0112	0.0005	0.0075
6/19/2010 3:15		0.0093	-0.0061	0.0020	-0.0174	0.0287	0.0013	0.0112	-0.0003	0.0072
6/19/2010 3:30		0.0086	-0.0069	0.0013	-0.0170	0.0276	0.0010	0.0108	0.0005	0.0072
6/19/2010 3:45		0.0081	-0.0073	0.0008	-0.0165	0.0264	0.0009	0.0112	0.0005	0.0075
6/19/2010 4:00		0.0078	-0.0077	0.0004	-0.0166	0.0258	0.0005	0.0112	0.0005	0.0075
6/19/2010 4:15		0.0071	-0.0082	-0.0001	-0.0157	0.0246	0.0006	0.0108	0.0005	0.0072
6/19/2010 4:30		0.0066	-0.0090	-0.0008	-0.0150	0.0228	0.0003	0.0112	0.0005	0.0075
6/19/2010 4:45		0.0058	-0.0090	-0.0012	-0.0146	0.0217	0.0001	0.0108	0.0005	0.0072
6/19/2010 5:00		0.0054	-0.0098	-0.0018	-0.0138	0.0199	-0.0002	0.0112	0.0005	0.0075
6/19/2010 5:15		0.0046	-0.0102	-0.0024	-0.0134	0.0187	-0.0004	0.0112	0.0005	0.0075
6/19/2010 5:30		0.0039	-0.0102	-0.0028	-0.0126	0.0169	-0.0007	0.0112	0.0005	0.0075
6/19/2010 5:45		0.0036	-0.0107	-0.0031	-0.0116	0.0152	-0.0008	0.0108	0.0012	0.0075
6/19/2010 6:00		0.0029	-0.0111	-0.0037	-0.0107	0.0140	-0.0007	0.0108	0.0005	0.0072
6/19/2010 6:15		0.0026	-0.0111	-0.0039	-0.0096	0.0122	-0.0008	0.0112	0.0005	0.0075
6/19/2010 6:30		0.0023	-0.0115	-0.0042	-0.0087	0.0111	-0.0007	0.0112	0.0012	0.0077
6/19/2010 6:45		0.0021	-0.0115	-0.0044	-0.0079	0.0099	-0.0007	0.0112	0.0012	0.0077
6/19/2010 7:00		0.0018	-0.0115	-0.0045	-0.0075	0.0093	-0.0007	0.0108	0.0012	0.0075
6/19/2010 7:15		0.0015	-0.0119	-0.0049	-0.0072	0.0081	-0.0010	0.0108	0.0012	0.0075

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/19/2010 7:30		0.0015	-0.0119	-0.0049	-0.0064	0.0069	-0.0010	0.0112	0.0012	0.0077
6/19/2010 7:45		0.0014	-0.0119	-0.0049	-0.0056	0.0063	-0.0008	0.0112	0.0012	0.0077
6/19/2010 8:00		0.0017	-0.0123	-0.0050	-0.0054	0.0057	-0.0009	0.0116	0.0012	0.0080
6/19/2010 8:15		0.0016	-0.0115	-0.0046	-0.0050	0.0057	-0.0007	0.0116	0.0012	0.0080
6/19/2010 8:30		0.0020	-0.0111	-0.0042	-0.0048	0.0057	-0.0006	0.0116	0.0012	0.0080
6/19/2010 8:45		0.0024	-0.0111	-0.0040	-0.0046	0.0063	-0.0002	0.0116	0.0012	0.0080
6/19/2010 9:00		0.0028	-0.0102	-0.0034	-0.0046	0.0069	0.0001	0.0116	0.0020	0.0083
6/19/2010 9:15		0.0037	-0.0098	-0.0027	-0.0050	0.0081	0.0003	0.0120	0.0020	0.0085
6/19/2010 9:30		0.0039	-0.0090	-0.0022	-0.0058	0.0099	0.0005	0.0120	0.0020	0.0085
6/19/2010 9:45		0.0043	-0.0086	-0.0018	-0.0062	0.0110	0.0008	0.0120	0.0012	0.0083
6/19/2010 10:00		0.0046	-0.0081	-0.0014	-0.0068	0.0122	0.0009	0.0120	0.0012	0.0083
6/19/2010 10:15		0.0050	-0.0077	-0.0010	-0.0081	0.0140	0.0008	0.0124	0.0012	0.0085
6/19/2010 10:30		0.0058	-0.0068	-0.0002	-0.0085	0.0152	0.0011	0.0124	0.0012	0.0085
6/19/2010 10:45		0.0070	-0.0064	0.0007	-0.0097	0.0175	0.0013	0.0128	0.0012	0.0088
6/19/2010 11:00		0.0079	-0.0056	0.0015	-0.0113	0.0205	0.0015	0.0128	0.0012	0.0088
6/19/2010 11:15		0.0082	-0.0052	0.0019	-0.0129	0.0228	0.0015	0.0128	0.0012	0.0088
6/19/2010 11:30		0.0088	-0.0047	0.0024	-0.0135	0.0240	0.0017	0.0124	0.0012	0.0085
6/19/2010 11:45		0.0090	-0.0043	0.0027	-0.0145	0.0264	0.0020	0.0128	0.0005	0.0085
6/19/2010 12:00		0.0095	-0.0039	0.0032	-0.0163	0.0281	0.0017	0.0124	0.0012	0.0085
6/19/2010 12:15		0.0099	-0.0035	0.0036	-0.0171	0.0305	0.0021	0.0124	0.0012	0.0085
6/19/2010 12:30		0.0103	-0.0031	0.0040	-0.0183	0.0322	0.0021	0.0128	0.0005	0.0085
6/19/2010 12:45		0.0108	-0.0031	0.0042	-0.0191	0.0334	0.0021	0.0124	0.0012	0.0085
6/19/2010 13:00		0.0110	-0.0026	0.0046	-0.0201	0.0358	0.0025	0.0128	0.0005	0.0085
6/19/2010 13:15		0.0111	-0.0026	0.0046	-0.0213	0.0370	0.0023	0.0128	0.0005	0.0085
6/19/2010 13:30		0.0112	-0.0022	0.0049	-0.0222	0.0381	0.0022	0.0124	0.0013	0.0085
6/19/2010 13:45		0.0111	-0.0026	0.0046	-0.0231	0.0393	0.0022	0.0124	-0.0002	0.0080
6/19/2010 14:00		0.0113	-0.0034	0.0044	-0.0232	0.0399	0.0023	0.0120	-0.0002	0.0078
6/19/2010 14:15		0.0110	-0.0038	0.0040	-0.0238	0.0399	0.0020	0.0120	-0.0002	0.0078
6/19/2010 14:30		0.0107	-0.0042	0.0037	-0.0239	0.0399	0.0019	0.0121	-0.0002	0.0078
6/19/2010 14:45		0.0108	-0.0042	0.0037	-0.0241	0.0393	0.0015	0.0117	0.0005	0.0078
6/19/2010 15:00		0.0104	-0.0046	0.0033	-0.0245	0.0398	0.0015	0.0117	0.0005	0.0078
6/19/2010 15:15		0.0099	-0.0050	0.0029	-0.0247	0.0392	0.0012	0.0113	0.0005	0.0075
6/19/2010 15:30		0.0094	-0.0054	0.0024	-0.0248	0.0381	0.0006	0.0113	0.0006	0.0075
6/19/2010 15:45		0.0090	-0.0062	0.0018	-0.0250	0.0375	0.0003	0.0113	-0.0002	0.0073

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/19/2010 16:00		0.0082	-0.0066	0.0012	-0.0246	0.0363	0.0000	0.0113	0.0006	0.0075
6/19/2010 16:15		0.0077	-0.0075	0.0005	-0.0238	0.0345	-0.0002	0.0113	0.0006	0.0075
6/19/2010 16:30		0.0070	-0.0079	0.0000	-0.0232	0.0321	-0.0008	0.0113	-0.0002	0.0073
6/19/2010 16:45		0.0067	-0.0087	-0.0006	-0.0228	0.0309	-0.0010	0.0113	0.0006	0.0075
6/19/2010 17:00		0.0063	-0.0091	-0.0010	-0.0220	0.0298	-0.0010	0.0113	0.0006	0.0075
6/19/2010 17:15		0.0055	-0.0091	-0.0014	-0.0212	0.0280	-0.0013	0.0113	0.0006	0.0075
6/19/2010 17:30		0.0049	-0.0095	-0.0019	-0.0205	0.0262	-0.0016	0.0113	0.0006	0.0075
6/19/2010 17:45		0.0045	-0.0099	-0.0023	-0.0201	0.0250	-0.0019	0.0113	0.0006	0.0075
6/19/2010 18:00		0.0040	-0.0104	-0.0028	-0.0193	0.0233	-0.0021	0.0113	0.0006	0.0075
6/19/2010 18:15		0.0034	-0.0112	-0.0035	-0.0184	0.0209	-0.0025	0.0109	0.0006	0.0073
6/19/2010 18:30		0.0029	-0.0116	-0.0040	-0.0175	0.0191	-0.0027	0.0113	0.0006	0.0075
6/19/2010 18:45		0.0024	-0.0120	-0.0044	-0.0164	0.0168	-0.0030	0.0109	0.0006	0.0073
6/19/2010 19:00		0.0020	-0.0128	-0.0050	-0.0156	0.0150	-0.0033	0.0109	0.0013	0.0076
6/19/2010 19:15		0.0015	-0.0128	-0.0053	-0.0144	0.0132	-0.0033	0.0109	0.0013	0.0076
6/19/2010 19:30		0.0010	-0.0128	-0.0055	-0.0132	0.0114	-0.0033	0.0113	0.0006	0.0076
6/19/2010 19:45		0.0010	-0.0132	-0.0057	-0.0122	0.0097	-0.0034	0.0109	0.0014	0.0076
6/19/2010 20:00		0.0006	-0.0133	-0.0060	-0.0111	0.0085	-0.0031	0.0113	0.0013	0.0078
6/19/2010 20:15		0.0004	-0.0129	-0.0058	-0.0099	0.0067	-0.0031	0.0113	0.0013	0.0078
6/19/2010 20:30		0.0008	-0.0133	-0.0058	-0.0096	0.0067	-0.0030	0.0117	0.0013	0.0081
6/19/2010 20:45		0.0006	-0.0128	-0.0058	-0.0088	0.0061	-0.0028	0.0117	0.0013	0.0081
6/19/2010 21:00		0.0008	-0.0124	-0.0054	-0.0084	0.0055	-0.0028	0.0117	0.0013	0.0081
6/19/2010 21:15		0.0014	-0.0116	-0.0047	-0.0082	0.0061	-0.0024	0.0121	0.0014	0.0083
6/19/2010 21:30		0.0021	-0.0112	-0.0042	-0.0080	0.0067	-0.0021	0.0121	0.0021	0.0086
6/19/2010 21:45		0.0027	-0.0103	-0.0035	-0.0076	0.0079	-0.0013	0.0121	0.0021	0.0086
6/19/2010 22:00		0.0036	-0.0091	-0.0024	-0.0084	0.0097	-0.0011	0.0125	0.0021	0.0089
6/19/2010 22:15		0.0047	-0.0082	-0.0014	-0.0092	0.0120	-0.0006	0.0125	0.0021	0.0089
6/19/2010 22:30		0.0053	-0.0078	-0.0009	-0.0104	0.0138	-0.0006	0.0125	0.0021	0.0089
6/19/2010 22:45		0.0060	-0.0066	0.0001	-0.0115	0.0162	-0.0003	0.0129	0.0013	0.0089
6/19/2010 23:00		0.0069	-0.0057	0.0009	-0.0128	0.0185	-0.0001	0.0133	0.0013	0.0091
6/19/2010 23:15		0.0072	-0.0053	0.0013	-0.0143	0.0215	0.0002	0.0129	0.0013	0.0089
6/19/2010 23:30		0.0085	-0.0049	0.0021	-0.0160	0.0238	0.0001	0.0129	0.0013	0.0089
6/19/2010 23:45		0.0090	-0.0045	0.0026	-0.0171	0.0262	0.0004	0.0133	0.0006	0.0089
6/20/2010 0:00		0.0096	-0.0032	0.0036	-0.0188	0.0291	0.0006	0.0129	0.0013	0.0089
6/20/2010 0:15		0.0103	-0.0024	0.0043	-0.0199	0.0321	0.0011	0.0133	0.0013	0.0091

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/20/2010 0:30		0.0110	-0.0020	0.0049	-0.0217	0.0350	0.0013	0.0133	0.0006	0.0089
6/20/2010 0:45		0.0119	-0.0015	0.0055	-0.0238	0.0380	0.0012	0.0133	0.0014	0.0091
6/20/2010 1:00		0.0119	-0.0011	0.0058	-0.0250	0.0403	0.0014	0.0133	0.0006	0.0089
6/20/2010 1:15		0.0125	-0.0011	0.0061	-0.0262	0.0427	0.0017	0.0129	0.0014	0.0089
6/20/2010 1:30		0.0131	-0.0011	0.0064	-0.0280	0.0451	0.0016	0.0129	0.0006	0.0086
6/20/2010 1:45		0.0133	-0.0007	0.0067	-0.0282	0.0462	0.0019	0.0129	0.0006	0.0086
6/20/2010 2:00		0.0135	-0.0007	0.0068	-0.0298	0.0480	0.0017	0.0125	0.0006	0.0083
6/20/2010 2:15		0.0131	-0.0007	0.0066	-0.0308	0.0498	0.0018	0.0125	0.0006	0.0084
6/20/2010 2:30		0.0132	-0.0006	0.0066	-0.0322	0.0509	0.0015	0.0129	-0.0001	0.0084
6/20/2010 2:45		0.0132	-0.0006	0.0066	-0.0326	0.0521	0.0017	0.0125	0.0006	0.0084
6/20/2010 3:00		0.0131	-0.0011	0.0064	-0.0326	0.0527	0.0019	0.0121	0.0006	0.0081
6/20/2010 3:15		0.0129	-0.0015	0.0061	-0.0339	0.0533	0.0014	0.0125	-0.0001	0.0081
6/20/2010 3:30		0.0126	-0.0023	0.0056	-0.0341	0.0533	0.0012	0.0121	-0.0001	0.0078
6/20/2010 3:45		0.0118	-0.0023	0.0052	-0.0345	0.0533	0.0010	0.0121	-0.0001	0.0078
6/20/2010 4:00		0.0112	-0.0031	0.0045	-0.0345	0.0521	0.0005	0.0117	-0.0001	0.0076
6/20/2010 4:15		0.0106	-0.0035	0.0039	-0.0341	0.0515	0.0005	0.0113	-0.0001	0.0073
6/20/2010 4:30		0.0099	-0.0040	0.0033	-0.0339	0.0503	0.0002	0.0117	-0.0001	0.0076
6/20/2010 4:45		0.0098	-0.0048	0.0029	-0.0337	0.0491	-0.0002	0.0117	-0.0001	0.0076
6/20/2010 5:00		0.0087	-0.0052	0.0021	-0.0331	0.0480	-0.0003	0.0113	-0.0001	0.0073
6/20/2010 5:15		0.0079	-0.0061	0.0013	-0.0323	0.0462	-0.0006	0.0113	-0.0001	0.0073
6/20/2010 5:30		0.0074	-0.0065	0.0008	-0.0319	0.0450	-0.0008	0.0113	-0.0001	0.0073
6/20/2010 5:45		0.0065	-0.0069	0.0002	-0.0315	0.0433	-0.0013	0.0113	-0.0001	0.0073
6/20/2010 6:00		0.0062	-0.0077	-0.0004	-0.0307	0.0415	-0.0015	0.0113	-0.0001	0.0073
6/20/2010 6:15		0.0055	-0.0086	-0.0012	-0.0295	0.0397	-0.0015	0.0109	-0.0001	0.0071
6/20/2010 6:30		0.0044	-0.0086	-0.0018	-0.0286	0.0374	-0.0019	0.0109	0.0006	0.0073
6/20/2010 6:45		0.0036	-0.0094	-0.0026	-0.0276	0.0356	-0.0020	0.0109	0.0006	0.0073
6/20/2010 7:00		0.0029	-0.0099	-0.0032	-0.0264	0.0333	-0.0023	0.0109	0.0006	0.0073
6/20/2010 7:15		0.0023	-0.0103	-0.0037	-0.0256	0.0315	-0.0025	0.0113	-0.0001	0.0073
6/20/2010 7:30		0.0017	-0.0111	-0.0044	-0.0248	0.0297	-0.0027	0.0109	-0.0001	0.0070
6/20/2010 7:45		0.0009	-0.0120	-0.0052	-0.0234	0.0274	-0.0029	0.0105	0.0006	0.0070
6/20/2010 8:00		0.0000	-0.0120	-0.0057	-0.0218	0.0250	-0.0029	0.0105	0.0006	0.0070
6/20/2010 8:15		-0.0004	-0.0124	-0.0061	-0.0206	0.0226	-0.0031	0.0109	-0.0002	0.0070
6/20/2010 8:30		-0.0010	-0.0128	-0.0066	-0.0196	0.0209	-0.0033	0.0109	0.0006	0.0073
6/20/2010 8:45		-0.0016	-0.0133	-0.0071	-0.0180	0.0185	-0.0033	0.0113	0.0006	0.0076

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/20/2010 9:00		-0.0017	-0.0137	-0.0074	-0.0172	0.0168	-0.0035	0.0109	0.0006	0.0073
6/20/2010 9:15		-0.0022	-0.0137	-0.0076	-0.0156	0.0150	-0.0033	0.0109	0.0013	0.0076
6/20/2010 9:30		-0.0026	-0.0136	-0.0078	-0.0150	0.0132	-0.0036	0.0109	0.0014	0.0076
6/20/2010 9:45		-0.0025	-0.0136	-0.0078	-0.0142	0.0126	-0.0034	0.0109	0.0014	0.0076
6/20/2010 10:00		-0.0027	-0.0136	-0.0079	-0.0134	0.0114	-0.0034	0.0113	0.0014	0.0078
6/20/2010 10:15		-0.0026	-0.0136	-0.0078	-0.0124	0.0102	-0.0032	0.0113	0.0014	0.0078
6/20/2010 10:30		-0.0022	-0.0128	-0.0072	-0.0118	0.0097	-0.0031	0.0113	0.0021	0.0081
6/20/2010 10:45		-0.0018	-0.0128	-0.0070	-0.0112	0.0097	-0.0027	0.0117	0.0014	0.0081
6/20/2010 11:00		-0.0016	-0.0120	-0.0065	-0.0112	0.0102	-0.0025	0.0121	0.0014	0.0084
6/20/2010 11:15		-0.0011	-0.0115	-0.0060	-0.0109	0.0102	-0.0024	0.0121	0.0014	0.0084
6/20/2010 11:30		-0.0002	-0.0115	-0.0056	-0.0109	0.0108	-0.0021	0.0121	0.0014	0.0084
6/20/2010 11:45		0.0000	-0.0107	-0.0051	-0.0113	0.0114	-0.0021	0.0121	0.0014	0.0084
6/20/2010 12:00		0.0007	-0.0107	-0.0047	-0.0113	0.0126	-0.0016	0.0121	0.0014	0.0084
6/20/2010 12:15		0.0012	-0.0103	-0.0042	-0.0117	0.0132	-0.0016	0.0121	0.0021	0.0086
6/20/2010 12:30		0.0017	-0.0098	-0.0037	-0.0121	0.0144	-0.0014	0.0121	0.0014	0.0084
6/20/2010 12:45		0.0017	-0.0094	-0.0036	-0.0125	0.0155	-0.0012	0.0125	0.0014	0.0086
6/20/2010 13:00		0.0026	-0.0090	-0.0029	-0.0131	0.0167	-0.0010	0.0121	0.0014	0.0084
6/20/2010 13:15		0.0030	-0.0090	-0.0026	-0.0139	0.0173	-0.0013	0.0125	0.0014	0.0086
6/20/2010 13:30		0.0035	-0.0085	-0.0022	-0.0149	0.0185	-0.0014	0.0121	0.0014	0.0084
6/20/2010 13:45		0.0036	-0.0085	-0.0022	-0.0153	0.0196	-0.0011	0.0121	0.0014	0.0084
6/20/2010 14:00		0.0035	-0.0085	-0.0022	-0.0157	0.0202	-0.0011	0.0121	0.0006	0.0081
6/20/2010 14:15		0.0036	-0.0085	-0.0022	-0.0162	0.0202	-0.0015	0.0121	0.0006	0.0081
6/20/2010 14:30		0.0037	-0.0089	-0.0023	-0.0162	0.0202	-0.0015	0.0121	0.0006	0.0081
6/20/2010 14:45		0.0036	-0.0089	-0.0023	-0.0162	0.0202	-0.0015	0.0117	0.0006	0.0078
6/20/2010 15:00		0.0032	-0.0094	-0.0027	-0.0162	0.0196	-0.0017	0.0117	0.0006	0.0078
6/20/2010 15:15		0.0030	-0.0098	-0.0031	-0.0161	0.0191	-0.0019	0.0117	0.0014	0.0081
6/20/2010 15:30		0.0030	-0.0102	-0.0032	-0.0157	0.0185	-0.0019	0.0117	0.0006	0.0078
6/20/2010 15:45		0.0025	-0.0102	-0.0035	-0.0154	0.0173	-0.0022	0.0113	0.0006	0.0076
6/20/2010 16:00		0.0023	-0.0110	-0.0040	-0.0154	0.0161	-0.0027	0.0113	0.0014	0.0078
6/20/2010 16:15		0.0023	-0.0114	-0.0042	-0.0144	0.0149	-0.0025	0.0117	0.0006	0.0079
6/20/2010 16:30		0.0014	-0.0119	-0.0049	-0.0138	0.0131	-0.0029	0.0109	0.0014	0.0076
6/20/2010 16:45		0.0009	-0.0131	-0.0057	-0.0130	0.0114	-0.0032	0.0109	0.0014	0.0076
6/20/2010 17:00		0.0002	-0.0131	-0.0061	-0.0128	0.0096	-0.0037	0.0109	0.0014	0.0076
6/20/2010 17:15		-0.0004	-0.0135	-0.0066	-0.0114	0.0072	-0.0039	0.0113	0.0014	0.0078

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/20/2010 17:30		-0.0006	-0.0139	-0.0069	-0.0108	0.0055	-0.0042	0.0109	0.0014	0.0076
6/20/2010 17:45		-0.0010	-0.0144	-0.0073	-0.0098	0.0037	-0.0043	0.0109	0.0014	0.0076
6/20/2010 18:00		-0.0016	-0.0148	-0.0079	-0.0084	0.0019	-0.0042	0.0109	0.0014	0.0076
6/20/2010 18:15		-0.0014	-0.0156	-0.0081	-0.0078	0.0002	-0.0046	0.0109	0.0014	0.0076
6/20/2010 18:30		-0.0021	-0.0156	-0.0085	-0.0068	-0.0016	-0.0047	0.0109	0.0014	0.0076
6/20/2010 18:45		-0.0024	-0.0161	-0.0089	-0.0054	-0.0040	-0.0048	0.0113	0.0014	0.0078
6/20/2010 19:00		-0.0028	-0.0156	-0.0088	-0.0046	-0.0046	-0.0046	0.0113	0.0021	0.0081
6/20/2010 19:15		-0.0032	-0.0161	-0.0093	-0.0036	-0.0063	-0.0047	0.0109	0.0014	0.0076
6/20/2010 19:30		-0.0035	-0.0169	-0.0099	-0.0023	-0.0087	-0.0049	0.0109	0.0021	0.0078
6/20/2010 19:45		-0.0037	-0.0173	-0.0102	-0.0012	-0.0110	-0.0052	0.0109	0.0021	0.0078
6/20/2010 20:00		-0.0042	-0.0178	-0.0106	-0.0003	-0.0122	-0.0051	0.0109	0.0021	0.0078
6/20/2010 20:15		-0.0044	-0.0178	-0.0107	0.0009	-0.0140	-0.0051	0.0113	0.0021	0.0081
6/20/2010 20:30		-0.0047	-0.0178	-0.0109	0.0017	-0.0152	-0.0051	0.0113	0.0021	0.0081
6/20/2010 20:45		-0.0046	-0.0178	-0.0109	0.0031	-0.0163	-0.0048	0.0113	0.0014	0.0078
6/20/2010 21:00		-0.0047	-0.0178	-0.0109	0.0041	-0.0175	-0.0046	0.0113	0.0021	0.0081
6/20/2010 21:15		-0.0047	-0.0174	-0.0107	0.0049	-0.0181	-0.0044	0.0113	0.0021	0.0081
6/20/2010 21:30		-0.0045	-0.0170	-0.0104	0.0056	-0.0186	-0.0042	0.0117	0.0021	0.0083
6/20/2010 21:45		-0.0046	-0.0166	-0.0103	0.0062	-0.0186	-0.0039	0.0117	0.0021	0.0083
6/20/2010 22:00		-0.0038	-0.0162	-0.0097	0.0066	-0.0186	-0.0036	0.0117	0.0028	0.0086
6/20/2010 22:15		-0.0035	-0.0154	-0.0091	0.0070	-0.0186	-0.0034	0.0121	0.0021	0.0086
6/20/2010 22:30		-0.0028	-0.0150	-0.0086	0.0071	-0.0168	-0.0026	0.0121	0.0028	0.0089
6/20/2010 22:45		-0.0018	-0.0141	-0.0076	0.0062	-0.0157	-0.0027	0.0121	0.0028	0.0089
6/20/2010 23:00		-0.0011	-0.0133	-0.0068	0.0059	-0.0139	-0.0021	0.0121	0.0028	0.0089
6/20/2010 23:15		-0.0006	-0.0125	-0.0062	0.0051	-0.0121	-0.0019	0.0125	0.0021	0.0089
6/20/2010 23:30		0.0004	-0.0116	-0.0053	0.0039	-0.0104	-0.0019	0.0125	0.0021	0.0089
6/20/2010 23:45		0.0012	-0.0108	-0.0045	0.0029	-0.0080	-0.0015	0.0129	0.0021	0.0091
6/21/2010 0:00		0.0023	-0.0100	-0.0035	0.0017	-0.0056	-0.0013	0.0129	0.0021	0.0091
6/21/2010 0:15		0.0031	-0.0087	-0.0025	0.0001	-0.0027	-0.0010	0.0133	0.0013	0.0091
6/21/2010 0:30		0.0046	-0.0083	-0.0015	-0.0013	0.0003	-0.0007	0.0129	0.0021	0.0091
6/21/2010 0:45		0.0051	-0.0070	-0.0006	-0.0031	0.0032	-0.0006	0.0125	0.0021	0.0088
6/21/2010 1:00		0.0060	-0.0066	0.0001	-0.0045	0.0056	-0.0004	0.0129	0.0021	0.0091
6/21/2010 1:15		0.0068	-0.0062	0.0006	-0.0059	0.0085	-0.0001	0.0129	0.0021	0.0091
6/21/2010 1:30		0.0075	-0.0053	0.0015	-0.0081	0.0115	-0.0002	0.0129	0.0013	0.0089
6/21/2010 1:45		0.0083	-0.0054	0.0019	-0.0091	0.0138	0.0002	0.0129	0.0013	0.0088

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/21/2010 2:00		0.0089	-0.0049	0.0024	-0.0107	0.0168	0.0004	0.0129	0.0013	0.0088
6/21/2010 2:15		0.0093	-0.0041	0.0029	-0.0119	0.0192	0.0006	0.0129	0.0013	0.0088
6/21/2010 2:30		0.0095	-0.0037	0.0032	-0.0131	0.0215	0.0009	0.0125	0.0013	0.0086
6/21/2010 2:45		0.0100	-0.0041	0.0033	-0.0147	0.0239	0.0009	0.0129	0.0006	0.0086
6/21/2010 3:00		0.0099	-0.0037	0.0035	-0.0157	0.0250	0.0008	0.0125	0.0013	0.0086
6/21/2010 3:15		0.0102	-0.0037	0.0036	-0.0163	0.0268	0.0011	0.0125	0.0006	0.0083
6/21/2010 3:30		0.0101	-0.0037	0.0036	-0.0177	0.0280	0.0008	0.0125	0.0006	0.0083
6/21/2010 3:45		0.0101	-0.0041	0.0034	-0.0185	0.0292	0.0008	0.0121	0.0006	0.0081
6/21/2010 4:00		0.0101	-0.0041	0.0034	-0.0184	0.0298	0.0011	0.0121	0.0006	0.0081
6/21/2010 4:15		0.0096	-0.0049	0.0027	-0.0192	0.0304	0.0009	0.0117	0.0006	0.0078
6/21/2010 4:30		0.0093	-0.0054	0.0024	-0.0196	0.0304	0.0006	0.0117	0.0006	0.0078
6/21/2010 4:45		0.0087	-0.0058	0.0018	-0.0192	0.0298	0.0006	0.0117	-0.0002	0.0075
6/21/2010 5:00		0.0080	-0.0066	0.0011	-0.0194	0.0292	0.0003	0.0117	-0.0002	0.0075
6/21/2010 5:15		0.0070	-0.0071	0.0004	-0.0188	0.0280	0.0001	0.0113	0.0006	0.0075
6/21/2010 5:30		0.0066	-0.0075	-0.0001	-0.0183	0.0269	0.0000	0.0113	0.0005	0.0075
6/21/2010 5:45		0.0057	-0.0080	-0.0008	-0.0177	0.0251	-0.0004	0.0113	0.0005	0.0075
6/21/2010 6:00		0.0053	-0.0088	-0.0014	-0.0171	0.0239	-0.0005	0.0112	0.0005	0.0075
6/21/2010 6:15		0.0046	-0.0097	-0.0022	-0.0162	0.0222	-0.0007	0.0112	-0.0002	0.0072
6/21/2010 6:30		0.0034	-0.0101	-0.0030	-0.0150	0.0198	-0.0009	0.0112	0.0005	0.0075
6/21/2010 6:45		0.0026	-0.0106	-0.0036	-0.0138	0.0181	-0.0009	0.0108	0.0005	0.0072
6/21/2010 7:00		0.0018	-0.0114	-0.0044	-0.0134	0.0163	-0.0014	0.0108	0.0005	0.0072
6/21/2010 7:15		0.0014	-0.0118	-0.0049	-0.0122	0.0139	-0.0016	0.0108	0.0005	0.0072
6/21/2010 7:30		0.0005	-0.0122	-0.0055	-0.0109	0.0116	-0.0018	0.0108	0.0005	0.0072
6/21/2010 7:45		0.0001	-0.0131	-0.0061	-0.0101	0.0098	-0.0020	0.0104	0.0013	0.0072
6/21/2010 8:00		-0.0007	-0.0131	-0.0066	-0.0087	0.0075	-0.0022	0.0108	0.0005	0.0072
6/21/2010 8:15		-0.0012	-0.0135	-0.0070	-0.0069	0.0051	-0.0021	0.0108	0.0005	0.0072
6/21/2010 8:30		-0.0017	-0.0144	-0.0077	-0.0059	0.0027	-0.0024	0.0108	0.0005	0.0072
6/21/2010 8:45		-0.0021	-0.0152	-0.0083	-0.0051	0.0010	-0.0026	0.0104	0.0012	0.0072
6/21/2010 9:00		-0.0026	-0.0156	-0.0087	-0.0036	-0.0014	-0.0027	0.0108	0.0013	0.0075
6/21/2010 9:15		-0.0032	-0.0156	-0.0091	-0.0028	-0.0032	-0.0030	0.0108	0.0013	0.0075
6/21/2010 9:30		-0.0034	-0.0160	-0.0094	-0.0015	-0.0055	-0.0031	0.0108	0.0012	0.0075
6/21/2010 9:45		-0.0036	-0.0165	-0.0097	0.0001	-0.0079	-0.0031	0.0108	0.0012	0.0075
6/21/2010 10:00		-0.0039	-0.0165	-0.0099	0.0009	-0.0091	-0.0031	0.0108	0.0012	0.0075
6/21/2010 10:15		-0.0042	-0.0165	-0.0100	0.0021	-0.0108	-0.0031	0.0108	0.0020	0.0077

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/21/2010 10:30		-0.0040	-0.0173	-0.0103	0.0033	-0.0126	-0.0031	0.0108	0.0012	0.0075
6/21/2010 10:45		-0.0043	-0.0168	-0.0102	0.0044	-0.0138	-0.0030	0.0108	0.0020	0.0078
6/21/2010 11:00		-0.0039	-0.0164	-0.0098	0.0048	-0.0144	-0.0030	0.0112	0.0020	0.0080
6/21/2010 11:15		-0.0037	-0.0164	-0.0097	0.0056	-0.0150	-0.0027	0.0112	0.0020	0.0080
6/21/2010 11:30		-0.0033	-0.0164	-0.0095	0.0064	-0.0156	-0.0025	0.0112	0.0028	0.0083
6/21/2010 11:45		-0.0035	-0.0156	-0.0092	0.0068	-0.0161	-0.0025	0.0116	0.0020	0.0083
6/21/2010 12:00		-0.0029	-0.0156	-0.0089	0.0072	-0.0156	-0.0020	0.0120	0.0020	0.0085
6/21/2010 12:15		-0.0028	-0.0147	-0.0084	0.0070	-0.0156	-0.0021	0.0116	0.0020	0.0083
6/21/2010 12:30		-0.0021	-0.0148	-0.0081	0.0072	-0.0150	-0.0018	0.0116	0.0028	0.0085
6/21/2010 12:45		-0.0015	-0.0139	-0.0074	0.0072	-0.0138	-0.0013	0.0120	0.0020	0.0085
6/21/2010 13:00		-0.0011	-0.0139	-0.0072	0.0066	-0.0132	-0.0014	0.0120	0.0020	0.0085
6/21/2010 13:15		-0.0010	-0.0135	-0.0069	0.0062	-0.0126	-0.0014	0.0120	0.0020	0.0085
6/21/2010 13:30		-0.0001	-0.0122	-0.0058	0.0058	-0.0108	-0.0009	0.0124	0.0020	0.0088
6/21/2010 13:45		0.0004	-0.0118	-0.0054	0.0048	-0.0097	-0.0010	0.0120	0.0020	0.0086
6/21/2010 14:00		0.0013	-0.0118	-0.0049	0.0040	-0.0085	-0.0010	0.0124	0.0020	0.0088
6/21/2010 14:15		0.0018	-0.0109	-0.0042	0.0032	-0.0067	-0.0008	0.0120	0.0028	0.0088
6/21/2010 14:30		0.0024	-0.0109	-0.0039	0.0024	-0.0055	-0.0008	0.0124	0.0020	0.0088
6/21/2010 14:45		0.0027	-0.0109	-0.0037	0.0015	-0.0038	-0.0007	0.0120	0.0020	0.0086
6/21/2010 15:00		0.0029	-0.0109	-0.0036	0.0015	-0.0038	-0.0007	0.0120	0.0013	0.0083
6/21/2010 15:15		0.0030	-0.0105	-0.0034	0.0008	-0.0026	-0.0006	0.0120	0.0020	0.0086
6/21/2010 15:30		0.0030	-0.0101	-0.0032	0.0004	-0.0020	-0.0006	0.0120	0.0013	0.0083
6/21/2010 15:45		0.0028	-0.0101	-0.0033	0.0000	-0.0014	-0.0006	0.0120	0.0013	0.0083
6/21/2010 16:00		0.0033	-0.0105	-0.0032	-0.0001	-0.0008	-0.0004	0.0120	0.0013	0.0083
6/21/2010 16:15		0.0033	-0.0105	-0.0033	-0.0005	-0.0008	-0.0007	0.0120	0.0013	0.0083
6/21/2010 16:30		0.0033	-0.0109	-0.0034	-0.0009	-0.0008	-0.0009	0.0116	0.0013	0.0080
6/21/2010 16:45		0.0027	-0.0113	-0.0039	-0.0009	-0.0014	-0.0011	0.0112	0.0013	0.0078
6/21/2010 17:00		0.0023	-0.0118	-0.0043	-0.0013	-0.0020	-0.0016	0.0116	0.0013	0.0080
6/21/2010 17:15		0.0022	-0.0126	-0.0048	-0.0009	-0.0026	-0.0016	0.0116	0.0013	0.0080
6/21/2010 17:30		0.0014	-0.0130	-0.0054	-0.0005	-0.0044	-0.0021	0.0112	0.0013	0.0078
6/21/2010 17:45		0.0010	-0.0134	-0.0058	0.0003	-0.0056	-0.0021	0.0108	0.0020	0.0078
6/21/2010 18:00		0.0007	-0.0139	-0.0062	0.0007	-0.0073	-0.0026	0.0116	0.0013	0.0080
6/21/2010 18:15		0.0001	-0.0139	-0.0065	0.0015	-0.0085	-0.0026	0.0112	0.0020	0.0080
6/21/2010 18:30		0.0000	-0.0147	-0.0069	0.0020	-0.0097	-0.0027	0.0112	0.0013	0.0078
6/21/2010 18:45		-0.0003	-0.0151	-0.0073	0.0031	-0.0115	-0.0028	0.0112	0.0013	0.0078

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/21/2010 19:00		-0.0007	-0.0147	-0.0073	0.0036	-0.0120	-0.0027	0.0116	0.0013	0.0080
6/21/2010 19:15		-0.0009	-0.0156	-0.0078	0.0044	-0.0138	-0.0029	0.0108	0.0020	0.0078
6/21/2010 19:30		-0.0015	-0.0156	-0.0082	0.0052	-0.0156	-0.0032	0.0112	0.0013	0.0078
6/21/2010 19:45		-0.0021	-0.0160	-0.0087	0.0062	-0.0167	-0.0031	0.0112	0.0013	0.0078
6/21/2010 20:00		-0.0022	-0.0164	-0.0089	0.0070	-0.0185	-0.0033	0.0108	0.0020	0.0078
6/21/2010 20:15		-0.0028	-0.0168	-0.0094	0.0082	-0.0203	-0.0033	0.0112	0.0013	0.0078
6/21/2010 20:30		-0.0031	-0.0173	-0.0098	0.0088	-0.0209	-0.0032	0.0112	0.0013	0.0078
6/21/2010 20:45		-0.0035	-0.0168	-0.0098	0.0100	-0.0226	-0.0032	0.0112	0.0020	0.0080
6/21/2010 21:00		-0.0038	-0.0168	-0.0100	0.0104	-0.0232	-0.0032	0.0112	0.0020	0.0080
6/21/2010 21:15		-0.0040	-0.0173	-0.0103	0.0113	-0.0244	-0.0031	0.0112	0.0020	0.0080
6/21/2010 21:30		-0.0041	-0.0173	-0.0103	0.0121	-0.0256	-0.0031	0.0112	0.0020	0.0080
6/21/2010 21:45		-0.0042	-0.0173	-0.0104	0.0125	-0.0262	-0.0031	0.0116	0.0020	0.0083
6/21/2010 22:00		-0.0041	-0.0173	-0.0103	0.0135	-0.0267	-0.0028	0.0116	0.0020	0.0083
6/21/2010 22:15		-0.0040	-0.0169	-0.0101	0.0141	-0.0267	-0.0024	0.0116	0.0020	0.0083
6/21/2010 22:30		-0.0038	-0.0165	-0.0098	0.0139	-0.0267	-0.0025	0.0116	0.0020	0.0083
6/21/2010 22:45		-0.0036	-0.0156	-0.0093	0.0143	-0.0267	-0.0023	0.0116	0.0027	0.0085
6/21/2010 23:00		-0.0030	-0.0157	-0.0090	0.0145	-0.0255	-0.0017	0.0120	0.0020	0.0085
6/21/2010 23:15		-0.0026	-0.0144	-0.0082	0.0143	-0.0256	-0.0018	0.0124	0.0020	0.0088
6/21/2010 23:30		-0.0014	-0.0140	-0.0074	0.0139	-0.0238	-0.0013	0.0124	0.0027	0.0091
6/21/2010 23:45		-0.0007	-0.0127	-0.0064	0.0125	-0.0214	-0.0012	0.0124	0.0020	0.0088
6/22/2010 0:00		0.0001	-0.0123	-0.0058	0.0117	-0.0197	-0.0010	0.0124	0.0020	0.0088
6/22/2010 0:15		0.0011	-0.0115	-0.0048	0.0107	-0.0173	-0.0006	0.0128	0.0020	0.0091
6/22/2010 0:30		0.0021	-0.0102	-0.0037	0.0095	-0.0149	-0.0004	0.0128	0.0020	0.0091
6/22/2010 0:45		0.0030	-0.0094	-0.0029	0.0079	-0.0126	-0.0004	0.0128	0.0020	0.0091
6/22/2010 1:00		0.0040	-0.0085	-0.0019	0.0063	-0.0090	0.0001	0.0128	0.0020	0.0091
6/22/2010 1:15		0.0050	-0.0077	-0.0010	0.0047	-0.0067	0.0001	0.0128	0.0020	0.0091
6/22/2010 1:30		0.0061	-0.0068	0.0000	0.0027	-0.0031	0.0003	0.0132	0.0012	0.0091
6/22/2010 1:45		0.0068	-0.0064	0.0006	0.0015	-0.0008	0.0006	0.0128	0.0020	0.0091
6/22/2010 2:00		0.0077	-0.0056	0.0014	-0.0005	0.0028	0.0008	0.0128	0.0020	0.0091
6/22/2010 2:15		0.0086	-0.0056	0.0019	-0.0017	0.0051	0.0011	0.0128	0.0012	0.0088
6/22/2010 2:30		0.0094	-0.0052	0.0025	-0.0035	0.0081	0.0012	0.0128	0.0012	0.0088
6/22/2010 2:45		0.0099	-0.0039	0.0034	-0.0047	0.0104	0.0014	0.0132	0.0012	0.0091
6/22/2010 3:00		0.0103	-0.0035	0.0038	-0.0063	0.0134	0.0017	0.0128	0.0012	0.0088
6/22/2010 3:15		0.0109	-0.0031	0.0043	-0.0083	0.0163	0.0017	0.0128	0.0012	0.0088

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/22/2010 3:30		0.0113	-0.0031	0.0045	-0.0091	0.0181	0.0019	0.0128	0.0005	0.0085
6/22/2010 3:45		0.0117	-0.0031	0.0047	-0.0104	0.0205	0.0021	0.0128	0.0012	0.0088
6/22/2010 4:00		0.0116	-0.0027	0.0049	-0.0116	0.0228	0.0023	0.0124	0.0005	0.0083
6/22/2010 4:15		0.0118	-0.0027	0.0049	-0.0124	0.0240	0.0023	0.0128	0.0005	0.0085
6/22/2010 4:30		0.0116	-0.0027	0.0048	-0.0130	0.0258	0.0027	0.0124	0.0005	0.0083
6/22/2010 4:45		0.0116	-0.0023	0.0050	-0.0140	0.0270	0.0026	0.0124	0.0005	0.0083
6/22/2010 5:00		0.0115	-0.0027	0.0048	-0.0142	0.0276	0.0027	0.0120	0.0005	0.0080
6/22/2010 5:15		0.0109	-0.0035	0.0041	-0.0150	0.0282	0.0024	0.0120	0.0005	0.0080
6/22/2010 5:30		0.0106	-0.0044	0.0035	-0.0153	0.0282	0.0023	0.0120	-0.0003	0.0077
6/22/2010 5:45		0.0098	-0.0048	0.0029	-0.0154	0.0282	0.0022	0.0116	-0.0003	0.0075
6/22/2010 6:00		0.0095	-0.0052	0.0025	-0.0153	0.0276	0.0021	0.0116	0.0005	0.0077
6/22/2010 6:15		0.0089	-0.0057	0.0020	-0.0153	0.0264	0.0016	0.0116	-0.0003	0.0075
6/22/2010 6:30		0.0083	-0.0061	0.0015	-0.0147	0.0258	0.0017	0.0112	0.0005	0.0075
6/22/2010 6:45		0.0077	-0.0074	0.0006	-0.0143	0.0240	0.0012	0.0112	0.0005	0.0075
6/22/2010 7:00		0.0068	-0.0078	-0.0001	-0.0137	0.0223	0.0008	0.0112	0.0005	0.0075
6/22/2010 7:15		0.0059	-0.0082	-0.0008	-0.0131	0.0205	0.0005	0.0112	-0.0003	0.0072
6/22/2010 7:30		0.0051	-0.0086	-0.0014	-0.0125	0.0193	0.0004	0.0112	-0.0003	0.0072
6/22/2010 7:45		0.0045	-0.0095	-0.0021	-0.0117	0.0176	0.0001	0.0112	-0.0003	0.0072
6/22/2010 8:00		0.0038	-0.0099	-0.0027	-0.0105	0.0158	0.0001	0.0108	0.0005	0.0072
6/22/2010 8:15		0.0031	-0.0103	-0.0032	-0.0097	0.0134	-0.0003	0.0108	0.0005	0.0072
6/22/2010 8:30		0.0022	-0.0107	-0.0039	-0.0089	0.0123	-0.0003	0.0108	0.0005	0.0072
6/22/2010 8:45		0.0017	-0.0116	-0.0046	-0.0081	0.0099	-0.0008	0.0108	0.0005	0.0072
6/22/2010 9:00		0.0011	-0.0120	-0.0051	-0.0069	0.0075	-0.0011	0.0108	0.0005	0.0072
6/22/2010 9:15		0.0006	-0.0124	-0.0055	-0.0063	0.0063	-0.0012	0.0108	0.0005	0.0072
6/22/2010 9:30		0.0005	-0.0132	-0.0060	-0.0051	0.0046	-0.0012	0.0108	0.0005	0.0072
6/22/2010 9:45		0.0000	-0.0136	-0.0064	-0.0041	0.0022	-0.0015	0.0108	0.0005	0.0072
6/22/2010 10:00		-0.0008	-0.0136	-0.0069	-0.0029	0.0005	-0.0015	0.0108	0.0012	0.0075
6/22/2010 10:15		-0.0012	-0.0140	-0.0073	-0.0019	-0.0013	-0.0016	0.0104	0.0012	0.0072
6/22/2010 10:30		-0.0016	-0.0145	-0.0077	-0.0007	-0.0037	-0.0019	0.0108	0.0012	0.0075
6/22/2010 10:45		-0.0020	-0.0145	-0.0079	0.0001	-0.0049	-0.0019	0.0108	0.0012	0.0075
6/22/2010 11:00		-0.0019	-0.0153	-0.0083	0.0009	-0.0066	-0.0021	0.0108	0.0012	0.0075
6/22/2010 11:15		-0.0024	-0.0149	-0.0083	0.0021	-0.0084	-0.0021	0.0108	0.0012	0.0075
6/22/2010 11:30		-0.0023	-0.0153	-0.0085	0.0029	-0.0096	-0.0021	0.0112	0.0012	0.0077
6/22/2010 11:45		-0.0024	-0.0153	-0.0085	0.0038	-0.0102	-0.0019	0.0112	0.0012	0.0077

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/22/2010 12:00		-0.0019	-0.0149	-0.0080	0.0046	-0.0114	-0.0019	0.0116	0.0012	0.0080
6/22/2010 12:15		-0.0017	-0.0144	-0.0077	0.0052	-0.0114	-0.0015	0.0116	0.0020	0.0083
6/22/2010 12:30		-0.0014	-0.0140	-0.0074	0.0056	-0.0114	-0.0013	0.0116	0.0020	0.0083
6/22/2010 12:45		-0.0012	-0.0132	-0.0069	0.0058	-0.0114	-0.0011	0.0116	0.0020	0.0083
6/22/2010 13:00		-0.0006	-0.0127	-0.0063	0.0057	-0.0102	-0.0008	0.0120	0.0020	0.0085
6/22/2010 13:15		0.0004	-0.0123	-0.0056	0.0051	-0.0090	-0.0006	0.0120	0.0020	0.0085
6/22/2010 13:30		0.0010	-0.0118	-0.0051	0.0045	-0.0079	-0.0005	0.0124	0.0012	0.0085
6/22/2010 13:45		0.0019	-0.0114	-0.0044	0.0040	-0.0067	-0.0003	0.0120	0.0020	0.0085
6/22/2010 14:00		0.0027	-0.0106	-0.0035	0.0030	-0.0049	-0.0002	0.0120	0.0020	0.0085
6/22/2010 14:15		0.0035	-0.0101	-0.0030	0.0016	-0.0032	-0.0003	0.0124	0.0013	0.0086
6/22/2010 14:30		0.0043	-0.0093	-0.0021	0.0004	-0.0008	-0.0001	0.0124	0.0020	0.0088
6/22/2010 14:45		0.0050	-0.0084	-0.0014	-0.0004	0.0004	-0.0001	0.0128	0.0020	0.0091
6/22/2010 15:00		0.0056	-0.0080	-0.0008	-0.0017	0.0027	0.0001	0.0125	0.0020	0.0088
6/22/2010 15:15		0.0058	-0.0076	-0.0005	-0.0025	0.0045	0.0003	0.0125	0.0013	0.0086
6/22/2010 15:30		0.0063	-0.0071	0.0000	-0.0039	0.0062	0.0002	0.0125	0.0013	0.0086
6/22/2010 15:45		0.0068	-0.0071	0.0002	-0.0047	0.0080	0.0004	0.0121	0.0013	0.0083
6/22/2010 16:00		0.0070	-0.0067	0.0005	-0.0055	0.0098	0.0007	0.0125	0.0013	0.0086
6/22/2010 16:15		0.0074	-0.0067	0.0007	-0.0065	0.0103	0.0003	0.0125	0.0013	0.0086
6/22/2010 16:30		0.0078	-0.0067	0.0010	-0.0076	0.0121	0.0004	0.0121	0.0013	0.0083
6/22/2010 16:45		0.0081	-0.0067	0.0011	-0.0084	0.0133	0.0004	0.0121	0.0013	0.0083
6/22/2010 17:00		0.0079	-0.0071	0.0008	-0.0090	0.0139	0.0003	0.0121	0.0006	0.0081
6/22/2010 17:15		0.0077	-0.0071	0.0007	-0.0098	0.0144	0.0000	0.0117	0.0013	0.0081
6/22/2010 17:30		0.0075	-0.0075	0.0004	-0.0099	0.0144	-0.0001	0.0121	0.0006	0.0081
6/22/2010 17:45		0.0073	-0.0079	0.0001	-0.0099	0.0144	-0.0001	0.0117	0.0006	0.0078
6/22/2010 18:00		0.0072	-0.0083	-0.0001	-0.0099	0.0138	-0.0003	0.0117	0.0006	0.0078
6/22/2010 18:15		0.0069	-0.0087	-0.0005	-0.0099	0.0133	-0.0006	0.0117	0.0006	0.0078
6/22/2010 18:30		0.0063	-0.0087	-0.0008	-0.0099	0.0127	-0.0008	0.0117	0.0006	0.0078
6/22/2010 18:45		0.0059	-0.0091	-0.0012	-0.0101	0.0126	-0.0009	0.0117	0.0006	0.0078
6/22/2010 19:00		0.0054	-0.0091	-0.0015	-0.0097	0.0115	-0.0011	0.0117	0.0006	0.0078
6/22/2010 19:15		0.0057	-0.0100	-0.0017	-0.0082	0.0097	-0.0010	0.0113	0.0013	0.0078
6/22/2010 19:30		0.0045	-0.0108	-0.0027	-0.0087	0.0091	-0.0015	0.0113	0.0006	0.0075
6/22/2010 19:45		0.0045	-0.0108	-0.0027	-0.0081	0.0079	-0.0016	0.0117	0.0006	0.0078
6/22/2010 20:00		0.0041	-0.0100	-0.0026	-0.0074	0.0074	-0.0014	0.0117	0.0013	0.0081
6/22/2010 20:15		0.0040	-0.0104	-0.0028	-0.0073	0.0073	-0.0014	0.0117	0.0006	0.0078

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/22/2010 20:30		0.0028	-0.0116	-0.0040	-0.0063	0.0044	-0.0020	0.0109	0.0013	0.0075
6/22/2010 20:45		0.0033	-0.0104	-0.0032	-0.0059	0.0044	-0.0017	0.0121	0.0013	0.0083
6/22/2010 21:00		0.0031	-0.0112	-0.0037	-0.0055	0.0038	-0.0017	0.0113	0.0013	0.0078
6/22/2010 21:15		0.0027	-0.0121	-0.0043	-0.0046	0.0015	-0.0021	0.0113	0.0013	0.0078
6/22/2010 21:30		0.0024	-0.0117	-0.0043	-0.0038	0.0009	-0.0019	0.0117	0.0013	0.0080
6/22/2010 21:45		0.0018	-0.0121	-0.0048	-0.0034	0.0003	-0.0019	0.0113	0.0013	0.0078
6/22/2010 22:00		0.0019	-0.0117	-0.0046	-0.0025	-0.0009	-0.0018	0.0113	0.0020	0.0080
6/22/2010 22:15		0.0021	-0.0126	-0.0048	-0.0015	-0.0014	-0.0015	0.0112	0.0013	0.0078
6/22/2010 22:30		0.0013	-0.0130	-0.0055	-0.0015	-0.0026	-0.0020	0.0112	0.0013	0.0078
6/22/2010 22:45		0.0015	-0.0122	-0.0049	-0.0011	-0.0032	-0.0020	0.0116	0.0013	0.0080
6/22/2010 23:00		0.0013	-0.0130	-0.0055	-0.0001	-0.0038	-0.0016	0.0112	0.0013	0.0078
6/22/2010 23:15		0.0016	-0.0122	-0.0049	0.0001	-0.0044	-0.0017	0.0116	0.0020	0.0083
6/22/2010 23:30		0.0025	-0.0109	-0.0039	0.0007	-0.0038	-0.0011	0.0120	0.0020	0.0086
6/22/2010 23:45		0.0013	-0.0130	-0.0055	0.0008	-0.0044	-0.0013	0.0112	0.0005	0.0075
6/23/2010 0:00		0.0006	-0.0143	-0.0064	0.0011	-0.0073	-0.0023	0.0108	0.0013	0.0075
6/23/2010 0:15		0.0015	-0.0122	-0.0050	0.0015	-0.0061	-0.0016	0.0120	0.0020	0.0086
6/23/2010 0:30		0.0023	-0.0113	-0.0041	0.0013	-0.0050	-0.0012	0.0121	0.0020	0.0086
6/23/2010 0:45		0.0046	-0.0080	-0.0013	0.0011	-0.0020	-0.0001	0.0137	0.0028	0.0099
6/23/2010 1:00		0.0065	-0.0063	0.0005	-0.0007	0.0027	0.0007	0.0137	0.0020	0.0096
6/23/2010 1:15		0.0066	-0.0071	0.0001	-0.0029	0.0050	0.0003	0.0125	0.0013	0.0086
6/23/2010 1:30		0.0068	-0.0067	0.0004	-0.0041	0.0074	0.0006	0.0121	0.0013	0.0083
6/23/2010 1:45		0.0065	-0.0080	-0.0004	-0.0053	0.0080	0.0001	0.0121	0.0005	0.0080
6/23/2010 2:00		0.0067	-0.0075	0.0000	-0.0054	0.0086	0.0002	0.0121	0.0013	0.0083
6/23/2010 2:15		0.0083	-0.0050	0.0020	-0.0066	0.0115	0.0007	0.0133	0.0021	0.0094
6/23/2010 2:30		0.0093	-0.0042	0.0029	-0.0086	0.0151	0.0009	0.0133	0.0013	0.0091
6/23/2010 2:45		0.0104	-0.0025	0.0043	-0.0102	0.0186	0.0014	0.0133	0.0021	0.0094
6/23/2010 3:00		0.0113	-0.0025	0.0048	-0.0126	0.0221	0.0015	0.0133	0.0013	0.0091
6/23/2010 3:15		0.0115	-0.0029	0.0047	-0.0140	0.0239	0.0013	0.0125	0.0006	0.0083
6/23/2010 3:30		0.0117	-0.0025	0.0050	-0.0152	0.0263	0.0016	0.0129	0.0006	0.0086
6/23/2010 3:45		0.0123	-0.0025	0.0053	-0.0164	0.0286	0.0018	0.0129	0.0006	0.0086
6/23/2010 4:00		0.0128	-0.0016	0.0060	-0.0176	0.0310	0.0020	0.0129	0.0013	0.0088
6/23/2010 4:15		0.0131	-0.0008	0.0065	-0.0188	0.0333	0.0023	0.0129	0.0013	0.0088
6/23/2010 4:30		0.0136	-0.0004	0.0070	-0.0200	0.0357	0.0025	0.0129	0.0006	0.0086
6/23/2010 4:45		0.0141	-0.0004	0.0072	-0.0216	0.0381	0.0025	0.0129	0.0006	0.0086

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/23/2010 5:00		0.0142	-0.0004	0.0073	-0.0227	0.0398	0.0026	0.0129	-0.0002	0.0083
6/23/2010 5:15		0.0139	-0.0008	0.0069	-0.0233	0.0410	0.0027	0.0125	0.0005	0.0083
6/23/2010 5:30		0.0135	-0.0013	0.0065	-0.0237	0.0416	0.0027	0.0125	-0.0002	0.0080
6/23/2010 5:45		0.0129	-0.0017	0.0060	-0.0247	0.0422	0.0024	0.0121	-0.0002	0.0078
6/23/2010 6:00		0.0128	-0.0016	0.0060	-0.0244	0.0422	0.0025	0.0125	-0.0002	0.0081
6/23/2010 6:15		0.0127	-0.0021	0.0057	-0.0248	0.0428	0.0025	0.0121	-0.0002	0.0078
6/23/2010 6:30		0.0124	-0.0025	0.0054	-0.0251	0.0428	0.0024	0.0121	-0.0002	0.0078
6/23/2010 6:45		0.0116	-0.0029	0.0047	-0.0249	0.0428	0.0025	0.0117	-0.0002	0.0075
6/23/2010 7:00		0.0109	-0.0038	0.0039	-0.0247	0.0416	0.0021	0.0112	-0.0002	0.0073
6/23/2010 7:15		0.0097	-0.0051	0.0028	-0.0247	0.0404	0.0016	0.0112	-0.0010	0.0070
6/23/2010 7:30		0.0083	-0.0055	0.0018	-0.0242	0.0381	0.0010	0.0108	-0.0002	0.0070
6/23/2010 7:45		0.0077	-0.0063	0.0011	-0.0232	0.0363	0.0009	0.0112	-0.0002	0.0072
6/23/2010 8:00		0.0069	-0.0068	0.0005	-0.0224	0.0346	0.0006	0.0112	-0.0010	0.0070
6/23/2010 8:15		0.0061	-0.0072	-0.0002	-0.0210	0.0328	0.0007	0.0112	-0.0002	0.0072
6/23/2010 8:30		0.0052	-0.0080	-0.0010	-0.0206	0.0310	0.0003	0.0108	0.0005	0.0072
6/23/2010 8:45		0.0043	-0.0085	-0.0017	-0.0198	0.0287	-0.0002	0.0108	-0.0002	0.0070
6/23/2010 9:00		0.0035	-0.0097	-0.0028	-0.0186	0.0263	-0.0005	0.0104	0.0005	0.0070
6/23/2010 9:15		0.0027	-0.0106	-0.0036	-0.0178	0.0246	-0.0007	0.0108	-0.0002	0.0070
6/23/2010 9:30		0.0018	-0.0109	-0.0042	-0.0168	0.0222	-0.0010	0.0108	-0.0002	0.0070
6/23/2010 9:45		0.0012	-0.0114	-0.0047	-0.0160	0.0204	-0.0013	0.0104	0.0005	0.0070
6/23/2010 10:00		0.0001	-0.0113	-0.0053	-0.0150	0.0180	-0.0016	0.0104	0.0005	0.0070
6/23/2010 10:15		-0.0003	-0.0122	-0.0059	-0.0134	0.0157	-0.0016	0.0104	0.0005	0.0070
6/23/2010 10:30		-0.0007	-0.0134	-0.0067	-0.0126	0.0133	-0.0021	0.0100	0.0005	0.0067
6/23/2010 10:45		-0.0016	-0.0134	-0.0072	-0.0110	0.0110	-0.0021	0.0104	0.0005	0.0070
6/23/2010 11:00		-0.0021	-0.0143	-0.0078	-0.0099	0.0086	-0.0024	0.0100	0.0013	0.0070
6/23/2010 11:15		-0.0024	-0.0147	-0.0082	-0.0085	0.0062	-0.0026	0.0104	0.0013	0.0072
6/23/2010 11:30		-0.0032	-0.0147	-0.0086	-0.0075	0.0045	-0.0027	0.0104	0.0005	0.0070
6/23/2010 11:45		-0.0037	-0.0151	-0.0091	-0.0059	0.0021	-0.0027	0.0100	0.0013	0.0070
6/23/2010 12:00		-0.0039	-0.0151	-0.0092	-0.0049	0.0003	-0.0028	0.0108	0.0005	0.0073
6/23/2010 12:15		-0.0038	-0.0155	-0.0093	-0.0041	-0.0015	-0.0030	0.0108	0.0013	0.0075
6/23/2010 12:30		-0.0040	-0.0155	-0.0094	-0.0030	-0.0032	-0.0031	0.0109	0.0013	0.0075
6/23/2010 12:45		-0.0039	-0.0151	-0.0092	-0.0018	-0.0044	-0.0029	0.0113	0.0013	0.0078
6/23/2010 13:00		-0.0035	-0.0146	-0.0087	-0.0010	-0.0044	-0.0024	0.0117	0.0013	0.0080
6/23/2010 13:15		-0.0031	-0.0138	-0.0082	-0.0006	-0.0044	-0.0022	0.0117	0.0021	0.0083

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/23/2010 13:30		-0.0027	-0.0142	-0.0081	-0.0004	-0.0050	-0.0023	0.0117	0.0021	0.0083
6/23/2010 13:45		-0.0024	-0.0138	-0.0078	-0.0004	-0.0044	-0.0020	0.0121	0.0013	0.0083
6/23/2010 14:00		-0.0024	-0.0134	-0.0076	0.0000	-0.0044	-0.0018	0.0117	0.0013	0.0081
6/23/2010 14:15		-0.0019	-0.0134	-0.0073	0.0000	-0.0044	-0.0018	0.0121	0.0021	0.0086
6/23/2010 14:30		-0.0010	-0.0133	-0.0068	0.0002	-0.0044	-0.0016	0.0121	0.0021	0.0086
6/23/2010 14:45		-0.0004	-0.0125	-0.0061	-0.0003	-0.0033	-0.0015	0.0121	0.0021	0.0086
6/23/2010 15:00		0.0002	-0.0117	-0.0054	-0.0002	-0.0021	-0.0009	0.0125	0.0021	0.0088
6/23/2010 15:15		0.0009	-0.0116	-0.0051	-0.0007	-0.0015	-0.0010	0.0121	0.0021	0.0086
6/23/2010 15:30		0.0014	-0.0108	-0.0043	-0.0011	-0.0003	-0.0008	0.0125	0.0013	0.0086
6/23/2010 15:45		0.0022	-0.0099	-0.0036	-0.0025	0.0014	-0.0009	0.0125	0.0021	0.0089
6/23/2010 16:00		0.0025	-0.0099	-0.0034	-0.0033	0.0032	-0.0007	0.0125	0.0021	0.0089
6/23/2010 16:15		0.0030	-0.0095	-0.0029	-0.0043	0.0044	-0.0008	0.0121	0.0013	0.0083
6/23/2010 16:30		0.0034	-0.0095	-0.0027	-0.0047	0.0056	-0.0005	0.0121	0.0013	0.0083
6/23/2010 16:45		0.0039	-0.0095	-0.0024	-0.0056	0.0067	-0.0006	0.0121	0.0013	0.0083
6/23/2010 17:00		0.0039	-0.0095	-0.0024	-0.0062	0.0067	-0.0010	0.0121	0.0014	0.0083
6/23/2010 17:15		0.0038	-0.0095	-0.0025	-0.0062	0.0073	-0.0007	0.0117	0.0014	0.0081
6/23/2010 17:30		0.0037	-0.0090	-0.0023	-0.0067	0.0079	-0.0008	0.0121	0.0014	0.0084
6/23/2010 17:45		0.0040	-0.0094	-0.0024	-0.0072	0.0079	-0.0011	0.0117	0.0014	0.0081
6/23/2010 18:00		0.0039	-0.0094	-0.0024	-0.0072	0.0079	-0.0011	0.0117	0.0014	0.0081
6/23/2010 18:15		0.0039	-0.0099	-0.0026	-0.0070	0.0079	-0.0010	0.0117	0.0014	0.0081
6/23/2010 18:30		0.0038	-0.0103	-0.0029	-0.0070	0.0073	-0.0012	0.0117	0.0006	0.0078
6/23/2010 18:45		0.0034	-0.0107	-0.0033	-0.0070	0.0061	-0.0017	0.0113	0.0014	0.0078
6/23/2010 19:00		0.0033	-0.0111	-0.0035	-0.0066	0.0055	-0.0017	0.0113	0.0014	0.0078
6/23/2010 19:15		0.0027	-0.0112	-0.0039	-0.0060	0.0044	-0.0018	0.0117	0.0006	0.0078
6/23/2010 19:30		0.0023	-0.0116	-0.0042	-0.0056	0.0032	-0.0021	0.0113	0.0013	0.0078
6/23/2010 19:45		0.0021	-0.0120	-0.0045	-0.0052	0.0020	-0.0023	0.0113	0.0013	0.0078
6/23/2010 20:00		0.0019	-0.0124	-0.0049	-0.0044	0.0008	-0.0023	0.0113	0.0006	0.0076
6/23/2010 20:15		0.0013	-0.0128	-0.0053	-0.0042	-0.0004	-0.0026	0.0113	0.0006	0.0076
6/23/2010 20:30		0.0009	-0.0132	-0.0058	-0.0034	-0.0021	-0.0029	0.0113	0.0006	0.0076
6/23/2010 20:45		0.0003	-0.0136	-0.0063	-0.0030	-0.0033	-0.0031	0.0113	0.0014	0.0078
6/23/2010 21:00		-0.0001	-0.0136	-0.0065	-0.0022	-0.0051	-0.0034	0.0109	0.0014	0.0076
6/23/2010 21:15		-0.0001	-0.0145	-0.0069	-0.0014	-0.0069	-0.0036	0.0113	0.0014	0.0078
6/23/2010 21:30		-0.0005	-0.0149	-0.0073	-0.0004	-0.0080	-0.0035	0.0113	0.0013	0.0078
6/23/2010 21:45		-0.0008	-0.0149	-0.0075	0.0001	-0.0092	-0.0037	0.0109	0.0014	0.0076

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/23/2010 22:00		-0.0009	-0.0153	-0.0077	0.0005	-0.0104	-0.0039	0.0113	0.0014	0.0078
6/23/2010 22:15		-0.0014	-0.0153	-0.0080	0.0011	-0.0116	-0.0040	0.0113	0.0014	0.0078
6/23/2010 22:30		-0.0019	-0.0153	-0.0082	0.0023	-0.0134	-0.0040	0.0113	0.0014	0.0078
6/23/2010 22:45		-0.0020	-0.0161	-0.0086	0.0029	-0.0146	-0.0041	0.0109	0.0021	0.0078
6/23/2010 23:00		-0.0022	-0.0161	-0.0088	0.0036	-0.0163	-0.0045	0.0109	0.0021	0.0078
6/23/2010 23:15		-0.0023	-0.0161	-0.0088	0.0038	-0.0169	-0.0046	0.0113	0.0021	0.0081
6/23/2010 23:30		-0.0021	-0.0165	-0.0089	0.0046	-0.0181	-0.0046	0.0113	0.0021	0.0081
6/23/2010 23:45		-0.0019	-0.0161	-0.0086	0.0054	-0.0187	-0.0043	0.0113	0.0021	0.0081
6/24/2010 0:00		-0.0016	-0.0157	-0.0082	0.0060	-0.0187	-0.0040	0.0117	0.0021	0.0084
6/24/2010 0:15		-0.0015	-0.0157	-0.0082	0.0065	-0.0193	-0.0039	0.0121	0.0021	0.0086
6/24/2010 0:30		-0.0012	-0.0148	-0.0077	0.0069	-0.0187	-0.0034	0.0121	0.0021	0.0086
6/24/2010 0:45		-0.0005	-0.0144	-0.0071	0.0074	-0.0187	-0.0032	0.0121	0.0021	0.0086
6/24/2010 1:00		-0.0001	-0.0140	-0.0067	0.0071	-0.0175	-0.0028	0.0121	0.0021	0.0086
6/24/2010 1:15		0.0003	-0.0136	-0.0063	0.0067	-0.0169	-0.0028	0.0121	0.0021	0.0086
6/24/2010 1:30		0.0010	-0.0123	-0.0053	0.0061	-0.0152	-0.0025	0.0125	0.0021	0.0089
6/24/2010 1:45		0.0020	-0.0119	-0.0046	0.0057	-0.0140	-0.0022	0.0125	0.0021	0.0089
6/24/2010 2:00		0.0029	-0.0107	-0.0035	0.0045	-0.0116	-0.0020	0.0129	0.0021	0.0091
6/24/2010 2:15		0.0036	-0.0094	-0.0026	0.0035	-0.0086	-0.0014	0.0129	0.0021	0.0091
6/24/2010 2:30		0.0046	-0.0086	-0.0016	0.0021	-0.0069	-0.0015	0.0133	0.0021	0.0094
6/24/2010 2:45		0.0055	-0.0077	-0.0007	0.0001	-0.0034	-0.0013	0.0133	0.0021	0.0094
6/24/2010 3:00		0.0065	-0.0069	0.0002	-0.0016	-0.0004	-0.0011	0.0133	0.0014	0.0092
6/24/2010 3:15		0.0076	-0.0065	0.0010	-0.0028	0.0019	-0.0009	0.0133	0.0014	0.0092
6/24/2010 3:30		0.0090	-0.0056	0.0021	-0.0050	0.0055	-0.0008	0.0137	0.0014	0.0094
6/24/2010 3:45		0.0096	-0.0048	0.0028	-0.0070	0.0090	-0.0005	0.0133	0.0021	0.0094
6/24/2010 4:00		0.0105	-0.0039	0.0037	-0.0086	0.0120	-0.0003	0.0133	0.0021	0.0094
6/24/2010 4:15		0.0113	-0.0031	0.0045	-0.0102	0.0149	0.0000	0.0133	0.0014	0.0092
6/24/2010 4:30		0.0118	-0.0031	0.0048	-0.0118	0.0179	0.0002	0.0133	0.0014	0.0092
6/24/2010 4:45		0.0123	-0.0027	0.0052	-0.0134	0.0208	0.0004	0.0133	0.0006	0.0089
6/24/2010 5:00		0.0124	-0.0022	0.0055	-0.0152	0.0232	0.0003	0.0133	0.0014	0.0092
6/24/2010 5:15		0.0129	-0.0018	0.0059	-0.0164	0.0255	0.0006	0.0129	0.0014	0.0089
6/24/2010 5:30		0.0135	-0.0014	0.0065	-0.0182	0.0285	0.0007	0.0133	0.0007	0.0089
6/24/2010 5:45		0.0138	-0.0010	0.0068	-0.0192	0.0302	0.0008	0.0133	0.0006	0.0089
6/24/2010 6:00		0.0140	-0.0014	0.0067	-0.0204	0.0326	0.0010	0.0129	0.0006	0.0086
6/24/2010 6:15		0.0143	-0.0014	0.0069	-0.0218	0.0344	0.0009	0.0129	0.0007	0.0086

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/24/2010 6:30		0.0141	-0.0018	0.0066	-0.0220	0.0350	0.0010	0.0125	0.0006	0.0084
6/24/2010 6:45		0.0134	-0.0018	0.0062	-0.0224	0.0356	0.0010	0.0125	-0.0001	0.0081
6/24/2010 7:00		0.0134	-0.0026	0.0058	-0.0230	0.0361	0.0009	0.0121	-0.0001	0.0079
6/24/2010 7:15		0.0129	-0.0030	0.0054	-0.0235	0.0361	0.0006	0.0121	-0.0001	0.0079
6/24/2010 7:30		0.0121	-0.0034	0.0048	-0.0245	0.0367	0.0003	0.0117	-0.0001	0.0076
6/24/2010 7:45		0.0120	-0.0038	0.0045	-0.0245	0.0361	0.0000	0.0117	-0.0001	0.0076
6/24/2010 8:00		0.0112	-0.0043	0.0039	-0.0241	0.0355	0.0000	0.0117	-0.0001	0.0076
6/24/2010 8:15		0.0107	-0.0047	0.0034	-0.0241	0.0343	-0.0005	0.0113	-0.0001	0.0073
6/24/2010 8:30		0.0100	-0.0055	0.0026	-0.0237	0.0332	-0.0007	0.0113	-0.0001	0.0073
6/24/2010 8:45		0.0094	-0.0063	0.0020	-0.0236	0.0314	-0.0014	0.0109	-0.0001	0.0071
6/24/2010 9:00		0.0086	-0.0071	0.0011	-0.0232	0.0302	-0.0016	0.0109	0.0007	0.0074
6/24/2010 9:15		0.0079	-0.0076	0.0006	-0.0223	0.0284	-0.0018	0.0109	-0.0001	0.0071
6/24/2010 9:30		0.0075	-0.0084	0.0000	-0.0216	0.0266	-0.0021	0.0109	-0.0001	0.0071
6/24/2010 9:45		0.0068	-0.0084	-0.0004	-0.0212	0.0255	-0.0023	0.0109	-0.0001	0.0071
6/24/2010 10:00		0.0061	-0.0092	-0.0011	-0.0202	0.0231	-0.0027	0.0105	0.0007	0.0071
6/24/2010 10:15		0.0051	-0.0101	-0.0021	-0.0192	0.0207	-0.0031	0.0105	-0.0001	0.0068
6/24/2010 10:30		0.0045	-0.0109	-0.0028	-0.0184	0.0190	-0.0033	0.0105	0.0007	0.0071
6/24/2010 10:45		0.0037	-0.0117	-0.0036	-0.0170	0.0160	-0.0036	0.0105	0.0007	0.0071
6/24/2010 11:00		0.0027	-0.0117	-0.0041	-0.0162	0.0142	-0.0039	0.0101	0.0007	0.0068
6/24/2010 11:15		0.0024	-0.0126	-0.0047	-0.0146	0.0113	-0.0041	0.0101	0.0007	0.0068
6/24/2010 11:30		0.0020	-0.0130	-0.0051	-0.0130	0.0089	-0.0041	0.0105	0.0007	0.0071
6/24/2010 11:45		0.0016	-0.0130	-0.0053	-0.0122	0.0072	-0.0043	0.0105	0.0014	0.0074
6/24/2010 12:00		0.0012	-0.0134	-0.0057	-0.0108	0.0054	-0.0042	0.0105	0.0014	0.0074
6/24/2010 12:15		0.0008	-0.0134	-0.0059	-0.0098	0.0030	-0.0046	0.0109	0.0014	0.0076
6/24/2010 12:30		-0.0001	-0.0142	-0.0068	-0.0090	0.0013	-0.0048	0.0105	0.0007	0.0071
6/24/2010 12:45		-0.0007	-0.0147	-0.0073	-0.0074	-0.0011	-0.0048	0.0105	0.0007	0.0071
6/24/2010 13:00		-0.0008	-0.0146	-0.0073	-0.0067	-0.0029	-0.0052	0.0109	0.0015	0.0076
6/24/2010 13:15		-0.0007	-0.0146	-0.0073	-0.0057	-0.0041	-0.0050	0.0109	0.0022	0.0079
6/24/2010 13:30		-0.0006	-0.0142	-0.0070	-0.0050	-0.0053	-0.0051	0.0113	0.0015	0.0079
6/24/2010 13:45		0.0003	-0.0142	-0.0066	-0.0040	-0.0053	-0.0045	0.0113	0.0022	0.0082
6/24/2010 14:00		0.0005	-0.0141	-0.0064	-0.0038	-0.0059	-0.0046	0.0114	0.0022	0.0082
6/24/2010 14:15		0.0006	-0.0137	-0.0062	-0.0039	-0.0059	-0.0047	0.0118	0.0015	0.0082
6/24/2010 14:30		0.0013	-0.0129	-0.0054	-0.0035	-0.0059	-0.0045	0.0122	0.0015	0.0084
6/24/2010 14:45		0.0015	-0.0129	-0.0053	-0.0030	-0.0059	-0.0041	0.0118	0.0022	0.0084

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/24/2010 15:00		0.0017	-0.0124	-0.0050	-0.0031	-0.0059	-0.0042	0.0118	0.0022	0.0084
6/24/2010 15:15		0.0023	-0.0124	-0.0047	-0.0031	-0.0053	-0.0040	0.0118	0.0022	0.0084
6/24/2010 15:30		0.0028	-0.0116	-0.0040	-0.0026	-0.0053	-0.0037	0.0122	0.0022	0.0087
6/24/2010 15:45		0.0031	-0.0108	-0.0035	-0.0030	-0.0041	-0.0034	0.0126	0.0022	0.0090
6/24/2010 16:00		0.0039	-0.0103	-0.0028	-0.0035	-0.0029	-0.0033	0.0122	0.0022	0.0087
6/24/2010 16:15		0.0047	-0.0099	-0.0022	-0.0043	-0.0012	-0.0031	0.0126	0.0022	0.0090
6/24/2010 16:30		0.0056	-0.0091	-0.0013	-0.0047	0.0006	-0.0026	0.0126	0.0022	0.0090
6/24/2010 16:45		0.0056	-0.0091	-0.0013	-0.0061	0.0018	-0.0029	0.0126	0.0015	0.0087
6/24/2010 17:00		0.0056	-0.0091	-0.0014	-0.0065	0.0024	-0.0029	0.0122	0.0015	0.0084
6/24/2010 17:15		0.0061	-0.0091	-0.0010	-0.0073	0.0035	-0.0029	0.0122	0.0015	0.0084
6/24/2010 17:30		0.0063	-0.0091	-0.0010	-0.0070	0.0042	-0.0025	0.0122	0.0015	0.0084
6/24/2010 17:45		0.0067	-0.0079	-0.0002	-0.0074	0.0053	-0.0022	0.0126	0.0015	0.0087
6/24/2010 18:00		0.0078	-0.0074	0.0006	-0.0082	0.0071	-0.0020	0.0130	0.0015	0.0090
6/24/2010 18:15		0.0086	-0.0062	0.0016	-0.0092	0.0101	-0.0014	0.0130	0.0022	0.0092
6/24/2010 18:30		0.0091	-0.0062	0.0019	-0.0108	0.0124	-0.0014	0.0130	0.0007	0.0087
6/24/2010 18:45		0.0076	-0.0083	0.0001	-0.0111	0.0113	-0.0020	0.0113	0.0000	0.0074
6/24/2010 19:00		0.0062	-0.0096	-0.0012	-0.0111	0.0089	-0.0030	0.0109	0.0000	0.0071
6/24/2010 19:15		0.0057	-0.0096	-0.0015	-0.0105	0.0077	-0.0031	0.0113	0.0007	0.0076
6/24/2010 19:30		0.0057	-0.0092	-0.0013	-0.0101	0.0071	-0.0031	0.0117	0.0015	0.0082
6/24/2010 19:45		0.0057	-0.0096	-0.0015	-0.0095	0.0066	-0.0030	0.0113	0.0015	0.0079
6/24/2010 20:00		0.0057	-0.0092	-0.0014	-0.0090	0.0066	-0.0027	0.0121	0.0014	0.0084
6/24/2010 20:15		0.0061	-0.0092	-0.0012	-0.0090	0.0072	-0.0024	0.0121	0.0007	0.0081
6/24/2010 20:30		0.0052	-0.0105	-0.0022	-0.0086	0.0054	-0.0029	0.0113	0.0007	0.0076
6/24/2010 20:45		0.0049	-0.0101	-0.0022	-0.0080	0.0048	-0.0028	0.0113	0.0014	0.0079
6/24/2010 21:00		0.0044	-0.0109	-0.0029	-0.0074	0.0042	-0.0027	0.0113	0.0007	0.0076
6/24/2010 21:15		0.0029	-0.0134	-0.0048	-0.0066	0.0001	-0.0039	0.0101	0.0007	0.0068
6/24/2010 21:30		0.0017	-0.0139	-0.0057	-0.0061	-0.0022	-0.0045	0.0101	0.0007	0.0068
6/24/2010 21:45		0.0016	-0.0139	-0.0057	-0.0041	-0.0046	-0.0043	0.0109	0.0014	0.0076
6/24/2010 22:00		0.0014	-0.0131	-0.0054	-0.0028	-0.0057	-0.0040	0.0117	0.0014	0.0081
6/24/2010 22:15		0.0016	-0.0127	-0.0052	-0.0018	-0.0057	-0.0034	0.0117	0.0014	0.0081
6/24/2010 22:30		0.0014	-0.0127	-0.0053	-0.0012	-0.0069	-0.0035	0.0113	0.0021	0.0081
6/24/2010 22:45		0.0008	-0.0140	-0.0062	-0.0004	-0.0087	-0.0038	0.0109	0.0014	0.0076
6/24/2010 23:00		0.0000	-0.0152	-0.0072	0.0004	-0.0110	-0.0042	0.0105	0.0006	0.0071
6/24/2010 23:15		-0.0011	-0.0161	-0.0082	0.0013	-0.0134	-0.0046	0.0105	0.0014	0.0073

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/24/2010 23:30		-0.0016	-0.0161	-0.0084	0.0025	-0.0157	-0.0049	0.0105	0.0014	0.0073
6/24/2010 23:45		-0.0018	-0.0157	-0.0083	0.0037	-0.0169	-0.0046	0.0113	0.0014	0.0078
6/25/2010 0:00		-0.0019	-0.0157	-0.0084	0.0051	-0.0181	-0.0043	0.0113	0.0014	0.0078
6/25/2010 0:15		-0.0020	-0.0157	-0.0085	0.0059	-0.0193	-0.0043	0.0113	0.0021	0.0081
6/25/2010 0:30		-0.0016	-0.0157	-0.0083	0.0067	-0.0204	-0.0043	0.0113	0.0021	0.0081
6/25/2010 0:45		-0.0017	-0.0161	-0.0085	0.0075	-0.0210	-0.0040	0.0113	0.0021	0.0081
6/25/2010 1:00		-0.0022	-0.0165	-0.0090	0.0079	-0.0222	-0.0043	0.0109	0.0014	0.0076
6/25/2010 1:15		-0.0024	-0.0161	-0.0089	0.0085	-0.0222	-0.0039	0.0113	0.0021	0.0081
6/25/2010 1:30		-0.0019	-0.0153	-0.0082	0.0093	-0.0228	-0.0037	0.0117	0.0021	0.0084
6/25/2010 1:45		-0.0017	-0.0153	-0.0081	0.0095	-0.0228	-0.0036	0.0121	0.0021	0.0086
6/25/2010 2:00		-0.0010	-0.0140	-0.0072	0.0095	-0.0222	-0.0033	0.0121	0.0029	0.0089
6/25/2010 2:15		-0.0002	-0.0132	-0.0063	0.0097	-0.0204	-0.0025	0.0121	0.0029	0.0089
6/25/2010 2:30		0.0000	-0.0132	-0.0062	0.0087	-0.0199	-0.0028	0.0121	0.0021	0.0086
6/25/2010 2:45		0.0008	-0.0132	-0.0058	0.0085	-0.0187	-0.0025	0.0121	0.0021	0.0086
6/25/2010 3:00		0.0017	-0.0119	-0.0048	0.0079	-0.0175	-0.0024	0.0125	0.0021	0.0089
6/25/2010 3:15		0.0022	-0.0111	-0.0041	0.0073	-0.0157	-0.0020	0.0129	0.0021	0.0091
6/25/2010 3:30		0.0032	-0.0099	-0.0030	0.0061	-0.0128	-0.0015	0.0129	0.0021	0.0091
6/25/2010 3:45		0.0044	-0.0090	-0.0020	0.0050	-0.0110	-0.0014	0.0133	0.0014	0.0091
6/25/2010 4:00		0.0048	-0.0082	-0.0013	0.0034	-0.0080	-0.0012	0.0133	0.0014	0.0091
6/25/2010 4:15		0.0059	-0.0078	-0.0006	0.0022	-0.0057	-0.0010	0.0133	0.0021	0.0094
6/25/2010 4:30		0.0067	-0.0078	-0.0001	0.0012	-0.0033	-0.0006	0.0129	0.0021	0.0091
6/25/2010 4:45		0.0072	-0.0070	0.0005	-0.0002	-0.0009	-0.0005	0.0133	0.0013	0.0091
6/25/2010 5:00		0.0081	-0.0062	0.0013	-0.0009	0.0014	0.0001	0.0133	0.0013	0.0091
6/25/2010 5:15		0.0083	-0.0054	0.0019	-0.0023	0.0044	0.0004	0.0133	0.0021	0.0094
6/25/2010 5:30		0.0091	-0.0045	0.0027	-0.0039	0.0068	0.0004	0.0133	0.0013	0.0091
6/25/2010 5:45		0.0098	-0.0045	0.0030	-0.0054	0.0097	0.0007	0.0129	0.0013	0.0088
6/25/2010 6:00		0.0099	-0.0046	0.0031	-0.0060	0.0109	0.0008	0.0129	0.0013	0.0088
6/25/2010 6:15		0.0102	-0.0042	0.0034	-0.0070	0.0133	0.0012	0.0129	0.0013	0.0088
6/25/2010 6:30		0.0101	-0.0038	0.0035	-0.0077	0.0151	0.0015	0.0129	0.0013	0.0088
6/25/2010 6:45		0.0103	-0.0038	0.0036	-0.0087	0.0163	0.0014	0.0125	0.0005	0.0083
6/25/2010 7:00		0.0101	-0.0034	0.0037	-0.0095	0.0180	0.0016	0.0125	0.0005	0.0083
6/25/2010 7:15		0.0099	-0.0042	0.0032	-0.0102	0.0192	0.0017	0.0125	-0.0002	0.0080
6/25/2010 7:30		0.0092	-0.0043	0.0028	-0.0104	0.0192	0.0016	0.0120	-0.0002	0.0078
6/25/2010 7:45		0.0089	-0.0047	0.0025	-0.0104	0.0192	0.0016	0.0116	0.0005	0.0078

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/25/2010 8:00		0.0084	-0.0051	0.0020	-0.0106	0.0192	0.0015	0.0116	-0.0002	0.0075
6/25/2010 8:15		0.0077	-0.0060	0.0012	-0.0105	0.0187	0.0013	0.0112	-0.0002	0.0072
6/25/2010 8:30		0.0072	-0.0064	0.0008	-0.0105	0.0181	0.0011	0.0112	-0.0002	0.0072
6/25/2010 8:45		0.0066	-0.0076	-0.0002	-0.0101	0.0163	0.0006	0.0108	-0.0002	0.0070
6/25/2010 9:00		0.0053	-0.0085	-0.0012	-0.0093	0.0145	0.0004	0.0104	0.0005	0.0070
6/25/2010 9:15		0.0047	-0.0093	-0.0019	-0.0089	0.0128	-0.0001	0.0104	0.0005	0.0070
6/25/2010 9:30		0.0040	-0.0097	-0.0025	-0.0081	0.0110	-0.0003	0.0104	0.0005	0.0070
6/25/2010 9:45		0.0033	-0.0102	-0.0030	-0.0073	0.0092	-0.0006	0.0108	0.0005	0.0072
6/25/2010 10:00		0.0030	-0.0106	-0.0034	-0.0069	0.0080	-0.0008	0.0104	0.0005	0.0070
6/25/2010 10:15		0.0025	-0.0110	-0.0039	-0.0062	0.0063	-0.0012	0.0104	0.0005	0.0070
6/25/2010 10:30		0.0018	-0.0118	-0.0046	-0.0050	0.0045	-0.0012	0.0104	0.0005	0.0070
6/25/2010 10:45		0.0010	-0.0122	-0.0053	-0.0042	0.0027	-0.0014	0.0100	0.0013	0.0070
6/25/2010 11:00		0.0002	-0.0131	-0.0061	-0.0030	-0.0002	-0.0019	0.0104	0.0005	0.0070
6/25/2010 11:15		-0.0004	-0.0135	-0.0066	-0.0022	-0.0020	-0.0021	0.0104	0.0013	0.0072
6/25/2010 11:30		-0.0008	-0.0139	-0.0070	-0.0010	-0.0044	-0.0024	0.0104	0.0005	0.0070
6/25/2010 11:45		-0.0014	-0.0143	-0.0075	0.0006	-0.0067	-0.0024	0.0104	0.0013	0.0072
6/25/2010 12:00		-0.0014	-0.0147	-0.0077	0.0012	-0.0085	-0.0027	0.0104	0.0013	0.0072
6/25/2010 12:15		-0.0023	-0.0152	-0.0084	0.0030	-0.0108	-0.0026	0.0104	0.0013	0.0072
6/25/2010 12:30		-0.0025	-0.0160	-0.0089	0.0036	-0.0120	-0.0027	0.0104	0.0013	0.0072
6/25/2010 12:45		-0.0027	-0.0164	-0.0092	0.0048	-0.0150	-0.0032	0.0100	0.0013	0.0070
6/25/2010 13:00		-0.0033	-0.0168	-0.0097	0.0064	-0.0173	-0.0032	0.0104	0.0013	0.0072
6/25/2010 13:15		-0.0036	-0.0172	-0.0100	0.0071	-0.0191	-0.0035	0.0104	0.0020	0.0075
6/25/2010 13:30		-0.0042	-0.0176	-0.0105	0.0085	-0.0209	-0.0034	0.0104	0.0013	0.0073
6/25/2010 13:45		-0.0044	-0.0180	-0.0108	0.0093	-0.0227	-0.0036	0.0108	0.0020	0.0078
6/25/2010 14:00		-0.0045	-0.0176	-0.0107	0.0104	-0.0245	-0.0037	0.0108	0.0020	0.0078
6/25/2010 14:15		-0.0044	-0.0180	-0.0108	0.0114	-0.0262	-0.0038	0.0109	0.0028	0.0080
6/25/2010 14:30		-0.0044	-0.0176	-0.0106	0.0124	-0.0274	-0.0037	0.0113	0.0020	0.0080
6/25/2010 14:45		-0.0041	-0.0176	-0.0105	0.0132	-0.0274	-0.0032	0.0113	0.0020	0.0080
6/25/2010 15:00		-0.0039	-0.0172	-0.0102	0.0136	-0.0280	-0.0032	0.0117	0.0020	0.0083
6/25/2010 15:15		-0.0035	-0.0167	-0.0098	0.0136	-0.0280	-0.0032	0.0117	0.0028	0.0086
6/25/2010 15:30		-0.0033	-0.0163	-0.0095	0.0142	-0.0280	-0.0029	0.0117	0.0021	0.0083
6/25/2010 15:45		-0.0031	-0.0159	-0.0091	0.0146	-0.0280	-0.0026	0.0117	0.0021	0.0083
6/25/2010 16:00		-0.0024	-0.0154	-0.0086	0.0143	-0.0274	-0.0026	0.0121	0.0021	0.0086
6/25/2010 16:15		-0.0019	-0.0150	-0.0081	0.0148	-0.0274	-0.0023	0.0121	0.0028	0.0088

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/25/2010 16:30		-0.0012	-0.0146	-0.0076	0.0140	-0.0263	-0.0023	0.0121	0.0028	0.0088
6/25/2010 16:45		-0.0007	-0.0138	-0.0069	0.0135	-0.0245	-0.0019	0.0121	0.0028	0.0088
6/25/2010 17:00		0.0003	-0.0129	-0.0060	0.0127	-0.0227	-0.0016	0.0121	0.0028	0.0088
6/25/2010 17:15		0.0006	-0.0125	-0.0056	0.0120	-0.0215	-0.0015	0.0125	0.0021	0.0088
6/25/2010 17:30		0.0014	-0.0121	-0.0050	0.0111	-0.0198	-0.0014	0.0125	0.0021	0.0088
6/25/2010 17:45		0.0018	-0.0112	-0.0044	0.0101	-0.0180	-0.0013	0.0125	0.0021	0.0088
6/25/2010 18:00		0.0025	-0.0116	-0.0042	0.0093	-0.0168	-0.0013	0.0121	0.0021	0.0086
6/25/2010 18:15		0.0030	-0.0108	-0.0035	0.0083	-0.0151	-0.0011	0.0125	0.0021	0.0089
6/25/2010 18:30		0.0039	-0.0108	-0.0030	0.0071	-0.0139	-0.0014	0.0121	0.0021	0.0086
6/25/2010 18:45		0.0042	-0.0104	-0.0027	0.0067	-0.0127	-0.0011	0.0121	0.0021	0.0086
6/25/2010 19:00		0.0045	-0.0099	-0.0023	0.0059	-0.0115	-0.0011	0.0121	0.0021	0.0086
6/25/2010 19:15		0.0049	-0.0100	-0.0021	0.0057	-0.0103	-0.0008	0.0125	0.0013	0.0086
6/25/2010 19:30		0.0048	-0.0100	-0.0022	0.0049	-0.0092	-0.0008	0.0121	0.0021	0.0086
6/25/2010 19:45		0.0045	-0.0100	-0.0023	0.0047	-0.0086	-0.0007	0.0117	0.0013	0.0081
6/25/2010 20:00		0.0046	-0.0100	-0.0023	0.0043	-0.0086	-0.0009	0.0121	0.0013	0.0083
6/25/2010 20:15		0.0046	-0.0104	-0.0025	0.0043	-0.0092	-0.0012	0.0117	0.0013	0.0081
6/25/2010 20:30		0.0045	-0.0108	-0.0027	0.0043	-0.0092	-0.0012	0.0117	0.0013	0.0081
6/25/2010 20:45		0.0042	-0.0108	-0.0029	0.0044	-0.0091	-0.0011	0.0117	0.0013	0.0081
6/25/2010 21:00		0.0038	-0.0117	-0.0035	0.0044	-0.0097	-0.0013	0.0117	0.0013	0.0081
6/25/2010 21:15		0.0034	-0.0117	-0.0037	0.0050	-0.0109	-0.0014	0.0117	0.0013	0.0080
6/25/2010 21:30		0.0031	-0.0121	-0.0041	0.0050	-0.0115	-0.0017	0.0113	0.0013	0.0078
6/25/2010 21:45		0.0028	-0.0125	-0.0044	0.0050	-0.0121	-0.0019	0.0113	0.0021	0.0080
6/25/2010 22:00		0.0026	-0.0130	-0.0047	0.0054	-0.0127	-0.0019	0.0113	0.0013	0.0078
6/25/2010 22:15		0.0024	-0.0134	-0.0051	0.0066	-0.0144	-0.0019	0.0109	0.0013	0.0075
6/25/2010 22:30		0.0016	-0.0134	-0.0055	0.0066	-0.0150	-0.0022	0.0113	0.0013	0.0078
6/25/2010 22:45		0.0013	-0.0138	-0.0059	0.0070	-0.0162	-0.0024	0.0113	0.0013	0.0078
6/25/2010 23:00		0.0009	-0.0142	-0.0063	0.0078	-0.0180	-0.0026	0.0109	0.0013	0.0075
6/25/2010 23:15		0.0007	-0.0150	-0.0067	0.0084	-0.0198	-0.0030	0.0113	0.0013	0.0078
6/25/2010 23:30		0.0001	-0.0150	-0.0071	0.0092	-0.0209	-0.0030	0.0109	0.0021	0.0078
6/25/2010 23:45		-0.0005	-0.0155	-0.0076	0.0102	-0.0227	-0.0031	0.0109	0.0013	0.0075
6/26/2010 0:00		-0.0007	-0.0154	-0.0077	0.0104	-0.0233	-0.0032	0.0113	0.0021	0.0081
6/26/2010 0:15		-0.0006	-0.0154	-0.0076	0.0112	-0.0245	-0.0032	0.0113	0.0021	0.0081
6/26/2010 0:30		-0.0009	-0.0154	-0.0078	0.0120	-0.0251	-0.0030	0.0113	0.0021	0.0081
6/26/2010 0:45		-0.0006	-0.0154	-0.0076	0.0123	-0.0257	-0.0031	0.0113	0.0021	0.0081

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/26/2010 1:00		-0.0008	-0.0154	-0.0077	0.0131	-0.0263	-0.0028	0.0113	0.0021	0.0081
6/26/2010 1:15		-0.0008	-0.0154	-0.0077	0.0135	-0.0269	-0.0028	0.0113	0.0021	0.0081
6/26/2010 1:30		-0.0006	-0.0154	-0.0076	0.0135	-0.0274	-0.0031	0.0113	0.0028	0.0083
6/26/2010 1:45		-0.0004	-0.0150	-0.0073	0.0137	-0.0275	-0.0029	0.0117	0.0021	0.0083
6/26/2010 2:00		-0.0004	-0.0146	-0.0071	0.0137	-0.0269	-0.0027	0.0117	0.0021	0.0083
6/26/2010 2:15		0.0000	-0.0137	-0.0065	0.0141	-0.0263	-0.0022	0.0125	0.0021	0.0088
6/26/2010 2:30		0.0009	-0.0133	-0.0058	0.0131	-0.0251	-0.0023	0.0125	0.0021	0.0089
6/26/2010 2:45		0.0018	-0.0121	-0.0048	0.0133	-0.0239	-0.0017	0.0125	0.0021	0.0088
6/26/2010 3:00		0.0025	-0.0112	-0.0040	0.0123	-0.0216	-0.0014	0.0125	0.0028	0.0091
6/26/2010 3:15		0.0031	-0.0108	-0.0035	0.0111	-0.0192	-0.0011	0.0125	0.0028	0.0091
6/26/2010 3:30		0.0045	-0.0104	-0.0025	0.0103	-0.0180	-0.0011	0.0125	0.0021	0.0089
6/26/2010 3:45		0.0050	-0.0095	-0.0019	0.0087	-0.0157	-0.0011	0.0125	0.0028	0.0091
6/26/2010 4:00		0.0055	-0.0087	-0.0012	0.0074	-0.0133	-0.0010	0.0129	0.0021	0.0091
6/26/2010 4:15		0.0066	-0.0078	-0.0002	0.0062	-0.0110	-0.0008	0.0129	0.0021	0.0091
6/26/2010 4:30		0.0075	-0.0070	0.0006	0.0050	-0.0080	-0.0003	0.0129	0.0021	0.0091
6/26/2010 4:45		0.0083	-0.0058	0.0016	0.0035	-0.0056	-0.0002	0.0133	0.0021	0.0094
6/26/2010 5:00		0.0092	-0.0058	0.0021	0.0019	-0.0021	0.0003	0.0133	0.0021	0.0094
6/26/2010 5:15		0.0100	-0.0049	0.0030	0.0003	0.0003	0.0003	0.0133	0.0021	0.0094
6/26/2010 5:30		0.0106	-0.0045	0.0035	-0.0013	0.0032	0.0005	0.0133	0.0013	0.0091
6/26/2010 5:45		0.0114	-0.0041	0.0041	-0.0031	0.0061	0.0007	0.0133	0.0013	0.0091
6/26/2010 6:00		0.0121	-0.0037	0.0047	-0.0041	0.0085	0.0010	0.0129	0.0021	0.0091
6/26/2010 6:15		0.0122	-0.0029	0.0051	-0.0055	0.0115	0.0014	0.0133	0.0013	0.0091
6/26/2010 6:30		0.0128	-0.0024	0.0056	-0.0069	0.0138	0.0015	0.0129	0.0021	0.0091
6/26/2010 6:45		0.0136	-0.0024	0.0060	-0.0083	0.0162	0.0016	0.0133	0.0013	0.0091
6/26/2010 7:00		0.0137	-0.0020	0.0063	-0.0101	0.0185	0.0015	0.0133	0.0006	0.0089
6/26/2010 7:15		0.0139	-0.0020	0.0064	-0.0107	0.0203	0.0018	0.0129	0.0006	0.0086
6/26/2010 7:30		0.0142	-0.0020	0.0065	-0.0118	0.0221	0.0019	0.0129	0.0013	0.0088
6/26/2010 7:45		0.0138	-0.0016	0.0065	-0.0126	0.0239	0.0022	0.0125	0.0013	0.0086
6/26/2010 8:00		0.0140	-0.0020	0.0064	-0.0138	0.0251	0.0019	0.0125	0.0006	0.0083
6/26/2010 8:15		0.0141	-0.0020	0.0065	-0.0142	0.0262	0.0022	0.0125	0.0006	0.0083
6/26/2010 8:30		0.0136	-0.0021	0.0062	-0.0148	0.0274	0.0023	0.0125	0.0006	0.0083
6/26/2010 8:45		0.0130	-0.0029	0.0055	-0.0150	0.0268	0.0019	0.0117	0.0006	0.0078
6/26/2010 9:00		0.0124	-0.0033	0.0050	-0.0159	0.0274	0.0016	0.0117	-0.0002	0.0075
6/26/2010 9:15		0.0120	-0.0041	0.0044	-0.0155	0.0262	0.0014	0.0113	0.0006	0.0075

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/26/2010 9:30		0.0114	-0.0045	0.0038	-0.0155	0.0256	0.0011	0.0113	0.0006	0.0075
6/26/2010 9:45		0.0113	-0.0049	0.0036	-0.0153	0.0250	0.0010	0.0113	0.0006	0.0075
6/26/2010 10:00		0.0104	-0.0054	0.0030	-0.0151	0.0251	0.0011	0.0113	0.0006	0.0075
6/26/2010 10:15		0.0099	-0.0062	0.0023	-0.0147	0.0233	0.0006	0.0113	0.0006	0.0075
6/26/2010 10:30		0.0090	-0.0066	0.0016	-0.0143	0.0221	0.0004	0.0109	0.0006	0.0073
6/26/2010 10:45		0.0084	-0.0079	0.0007	-0.0141	0.0203	-0.0002	0.0109	0.0006	0.0073
6/26/2010 11:00		0.0078	-0.0083	0.0002	-0.0141	0.0191	-0.0007	0.0105	0.0006	0.0070
6/26/2010 11:15		0.0074	-0.0087	-0.0002	-0.0135	0.0174	-0.0010	0.0105	0.0006	0.0070
6/26/2010 11:30		0.0065	-0.0091	-0.0008	-0.0127	0.0156	-0.0012	0.0105	0.0006	0.0070
6/26/2010 11:45		0.0058	-0.0095	-0.0014	-0.0127	0.0138	-0.0020	0.0109	0.0006	0.0073
6/26/2010 12:00		0.0054	-0.0103	-0.0020	-0.0122	0.0120	-0.0024	0.0105	0.0014	0.0073
6/26/2010 12:15		0.0047	-0.0107	-0.0026	-0.0114	0.0103	-0.0026	0.0109	0.0006	0.0073
6/26/2010 12:30		0.0041	-0.0107	-0.0029	-0.0106	0.0085	-0.0029	0.0105	0.0014	0.0073
6/26/2010 12:45		0.0035	-0.0111	-0.0034	-0.0100	0.0067	-0.0032	0.0109	0.0014	0.0076
6/26/2010 13:00		0.0033	-0.0119	-0.0039	-0.0093	0.0049	-0.0036	0.0105	0.0014	0.0073
6/26/2010 13:15		0.0028	-0.0119	-0.0042	-0.0087	0.0031	-0.0039	0.0105	0.0014	0.0073
6/26/2010 13:30		0.0027	-0.0127	-0.0046	-0.0067	0.0014	-0.0034	0.0105	0.0021	0.0076
6/26/2010 13:45		0.0022	-0.0127	-0.0049	-0.0059	0.0002	-0.0034	0.0105	0.0014	0.0073
6/26/2010 14:00		0.0017	-0.0127	-0.0051	-0.0044	-0.0016	-0.0033	0.0109	0.0014	0.0076
6/26/2010 14:15		0.0016	-0.0131	-0.0054	-0.0032	-0.0028	-0.0030	0.0109	0.0014	0.0076
6/26/2010 14:30		0.0014	-0.0127	-0.0053	-0.0022	-0.0046	-0.0032	0.0113	0.0014	0.0078
6/26/2010 14:45		0.0018	-0.0131	-0.0053	-0.0018	-0.0046	-0.0029	0.0113	0.0021	0.0081
6/26/2010 15:00		0.0017	-0.0123	-0.0049	-0.0014	-0.0051	-0.0029	0.0117	0.0021	0.0084
6/26/2010 15:15		0.0017	-0.0122	-0.0049	-0.0009	-0.0052	-0.0026	0.0117	0.0022	0.0084
6/26/2010 15:30		0.0022	-0.0122	-0.0046	-0.0005	-0.0058	-0.0026	0.0117	0.0022	0.0084
6/26/2010 15:45		0.0026	-0.0114	-0.0040	-0.0001	-0.0052	-0.0022	0.0121	0.0029	0.0089
6/26/2010 16:00		0.0037	-0.0110	-0.0032	-0.0003	-0.0040	-0.0018	0.0121	0.0029	0.0089
6/26/2010 16:15		0.0040	-0.0097	-0.0025	-0.0011	-0.0028	-0.0018	0.0125	0.0022	0.0089
6/26/2010 16:30		0.0048	-0.0093	-0.0018	-0.0017	-0.0011	-0.0014	0.0125	0.0022	0.0089
6/26/2010 16:45		0.0052	-0.0084	-0.0012	-0.0022	-0.0005	-0.0015	0.0125	0.0022	0.0089
6/26/2010 17:00		0.0061	-0.0080	-0.0006	-0.0032	0.0013	-0.0014	0.0129	0.0022	0.0092
6/26/2010 17:15		0.0070	-0.0075	0.0001	-0.0045	0.0036	-0.0012	0.0125	0.0029	0.0092
6/26/2010 17:30		0.0082	-0.0067	0.0011	-0.0058	0.0060	-0.0010	0.0133	0.0022	0.0095
6/26/2010 17:45		0.0090	-0.0059	0.0020	-0.0066	0.0083	-0.0005	0.0133	0.0022	0.0095

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/26/2010 18:00		0.0095	-0.0054	0.0024	-0.0083	0.0107	-0.0006	0.0129	0.0022	0.0092
6/26/2010 18:15		0.0101	-0.0050	0.0029	-0.0094	0.0131	-0.0003	0.0129	0.0022	0.0092
6/26/2010 18:30		0.0105	-0.0046	0.0033	-0.0103	0.0142	-0.0004	0.0129	0.0015	0.0089
6/26/2010 18:45		0.0108	-0.0042	0.0037	-0.0117	0.0166	-0.0003	0.0129	0.0022	0.0092
6/26/2010 19:00		0.0112	-0.0038	0.0042	-0.0127	0.0184	-0.0002	0.0129	0.0015	0.0089
6/26/2010 19:15		0.0115	-0.0037	0.0043	-0.0141	0.0207	0.0000	0.0129	0.0015	0.0089
6/26/2010 19:30		0.0120	-0.0033	0.0047	-0.0149	0.0219	0.0000	0.0125	0.0022	0.0089
6/26/2010 19:45		0.0123	-0.0033	0.0049	-0.0157	0.0237	0.0002	0.0129	0.0007	0.0087
6/26/2010 20:00		0.0124	-0.0038	0.0048	-0.0163	0.0243	0.0001	0.0125	0.0007	0.0084
6/26/2010 20:15		0.0119	-0.0038	0.0045	-0.0163	0.0248	0.0003	0.0125	0.0007	0.0084
6/26/2010 20:30		0.0115	-0.0038	0.0043	-0.0171	0.0254	0.0001	0.0125	0.0007	0.0084
6/26/2010 20:45		0.0118	-0.0042	0.0042	-0.0171	0.0254	0.0001	0.0121	0.0007	0.0082
6/26/2010 21:00		0.0117	-0.0046	0.0040	-0.0175	0.0254	-0.0002	0.0121	0.0007	0.0082
6/26/2010 21:15		0.0115	-0.0046	0.0039	-0.0175	0.0254	-0.0002	0.0121	0.0007	0.0082
6/26/2010 21:30		0.0108	-0.0054	0.0031	-0.0174	0.0249	-0.0003	0.0113	0.0007	0.0076
6/26/2010 21:45		0.0100	-0.0059	0.0025	-0.0174	0.0243	-0.0005	0.0117	0.0007	0.0079
6/26/2010 22:00		0.0097	-0.0067	0.0020	-0.0174	0.0237	-0.0008	0.0113	0.0007	0.0076
6/26/2010 22:15		0.0091	-0.0071	0.0014	-0.0170	0.0225	-0.0010	0.0113	0.0007	0.0076
6/26/2010 22:30		0.0085	-0.0075	0.0009	-0.0166	0.0207	-0.0015	0.0109	0.0007	0.0074
6/26/2010 22:45		0.0081	-0.0084	0.0003	-0.0162	0.0196	-0.0017	0.0113	0.0007	0.0076
6/26/2010 23:00		0.0074	-0.0088	-0.0003	-0.0154	0.0178	-0.0020	0.0109	0.0014	0.0076
6/26/2010 23:15		0.0066	-0.0092	-0.0009	-0.0144	0.0160	-0.0021	0.0109	0.0007	0.0074
6/26/2010 23:30		0.0059	-0.0096	-0.0015	-0.0142	0.0148	-0.0024	0.0109	0.0007	0.0074
6/26/2010 23:45		0.0051	-0.0101	-0.0021	-0.0132	0.0125	-0.0028	0.0109	0.0007	0.0074
6/27/2010 0:00		0.0045	-0.0105	-0.0026	-0.0122	0.0107	-0.0029	0.0105	0.0014	0.0074
6/27/2010 0:15		0.0043	-0.0113	-0.0031	-0.0114	0.0089	-0.0032	0.0109	0.0007	0.0074
6/27/2010 0:30		0.0037	-0.0117	-0.0036	-0.0107	0.0072	-0.0035	0.0105	0.0022	0.0076
6/27/2010 0:45		0.0031	-0.0121	-0.0041	-0.0094	0.0054	-0.0034	0.0109	0.0007	0.0074
6/27/2010 1:00		0.0029	-0.0125	-0.0044	-0.0087	0.0036	-0.0037	0.0105	0.0015	0.0074
6/27/2010 1:15		0.0025	-0.0125	-0.0046	-0.0077	0.0018	-0.0038	0.0109	0.0015	0.0076
6/27/2010 1:30		0.0020	-0.0129	-0.0051	-0.0069	0.0001	-0.0041	0.0105	0.0015	0.0074
6/27/2010 1:45		0.0019	-0.0129	-0.0051	-0.0064	-0.0011	-0.0043	0.0109	0.0015	0.0076
6/27/2010 2:00		0.0019	-0.0133	-0.0053	-0.0058	-0.0023	-0.0044	0.0109	0.0022	0.0079
6/27/2010 2:15		0.0018	-0.0133	-0.0053	-0.0048	-0.0035	-0.0043	0.0109	0.0022	0.0079

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/27/2010 2:30		0.0019	-0.0129	-0.0051	-0.0042	-0.0041	-0.0041	0.0114	0.0022	0.0082
6/27/2010 2:45		0.0022	-0.0129	-0.0049	-0.0032	-0.0047	-0.0038	0.0118	0.0022	0.0084
6/27/2010 3:00		0.0027	-0.0125	-0.0045	-0.0026	-0.0047	-0.0035	0.0117	0.0022	0.0084
6/27/2010 3:15		0.0028	-0.0112	-0.0038	-0.0024	-0.0041	-0.0031	0.0122	0.0022	0.0087
6/27/2010 3:30		0.0035	-0.0108	-0.0033	-0.0024	-0.0035	-0.0028	0.0122	0.0022	0.0087
6/27/2010 3:45		0.0039	-0.0104	-0.0028	-0.0030	-0.0023	-0.0027	0.0126	0.0022	0.0090
6/27/2010 4:00		0.0044	-0.0095	-0.0022	-0.0032	-0.0011	-0.0024	0.0122	0.0022	0.0087
6/27/2010 4:15		0.0052	-0.0091	-0.0016	-0.0036	0.0000	-0.0021	0.0126	0.0022	0.0090
6/27/2010 4:30		0.0059	-0.0083	-0.0008	-0.0044	0.0018	-0.0019	0.0130	0.0022	0.0092
6/27/2010 4:45		0.0069	-0.0075	0.0001	-0.0056	0.0042	-0.0017	0.0130	0.0022	0.0092
6/27/2010 5:00		0.0080	-0.0066	0.0011	-0.0068	0.0059	-0.0017	0.0134	0.0022	0.0095
6/27/2010 5:15		0.0085	-0.0058	0.0018	-0.0078	0.0089	-0.0011	0.0134	0.0022	0.0095
6/27/2010 5:30		0.0094	-0.0049	0.0026	-0.0092	0.0112	-0.0009	0.0134	0.0022	0.0095
6/27/2010 5:45		0.0101	-0.0041	0.0034	-0.0107	0.0142	-0.0006	0.0134	0.0022	0.0095
6/27/2010 6:00		0.0106	-0.0037	0.0038	-0.0119	0.0166	-0.0004	0.0134	0.0022	0.0095
6/27/2010 6:15		0.0111	-0.0029	0.0045	-0.0133	0.0189	-0.0003	0.0134	0.0015	0.0092
6/27/2010 6:30		0.0116	-0.0025	0.0050	-0.0151	0.0219	-0.0001	0.0134	0.0015	0.0092
6/27/2010 6:45		0.0124	-0.0020	0.0056	-0.0163	0.0242	0.0001	0.0134	0.0015	0.0092
6/27/2010 7:00		0.0131	-0.0016	0.0061	-0.0180	0.0272	0.0003	0.0134	0.0015	0.0092
6/27/2010 7:15		0.0138	-0.0012	0.0067	-0.0196	0.0301	0.0005	0.0134	0.0015	0.0092
6/27/2010 7:30		0.0140	-0.0008	0.0070	-0.0208	0.0319	0.0005	0.0138	0.0007	0.0092
6/27/2010 7:45		0.0148	-0.0007	0.0075	-0.0222	0.0342	0.0006	0.0134	0.0007	0.0090
6/27/2010 8:00		0.0148	-0.0003	0.0077	-0.0234	0.0360	0.0006	0.0130	0.0015	0.0090
6/27/2010 8:15		0.0152	-0.0003	0.0078	-0.0246	0.0378	0.0006	0.0130	0.0007	0.0087
6/27/2010 8:30		0.0152	-0.0008	0.0077	-0.0248	0.0384	0.0007	0.0126	0.0007	0.0084
6/27/2010 8:45		0.0149	-0.0007	0.0075	-0.0258	0.0396	0.0006	0.0126	0.0007	0.0084
6/27/2010 9:00		0.0149	-0.0011	0.0073	-0.0268	0.0407	0.0005	0.0126	0.0000	0.0082
6/27/2010 9:15		0.0145	-0.0016	0.0069	-0.0266	0.0401	0.0004	0.0118	0.0007	0.0079
6/27/2010 9:30		0.0141	-0.0020	0.0065	-0.0270	0.0407	0.0004	0.0118	0.0007	0.0079
6/27/2010 9:45		0.0139	-0.0028	0.0060	-0.0276	0.0407	0.0001	0.0118	0.0007	0.0079
6/27/2010 10:00		0.0129	-0.0028	0.0055	-0.0270	0.0396	-0.0001	0.0114	0.0000	0.0074
6/27/2010 10:15		0.0127	-0.0041	0.0048	-0.0272	0.0384	-0.0007	0.0114	0.0000	0.0074
6/27/2010 10:30		0.0118	-0.0045	0.0041	-0.0268	0.0372	-0.0009	0.0110	0.0007	0.0074
6/27/2010 10:45		0.0112	-0.0053	0.0034	-0.0264	0.0360	-0.0011	0.0110	0.0007	0.0074

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/27/2010 11:00		0.0103	-0.0053	0.0029	-0.0257	0.0342	-0.0015	0.0110	0.0007	0.0074
6/27/2010 11:15		0.0099	-0.0066	0.0021	-0.0253	0.0330	-0.0017	0.0110	0.0007	0.0074
6/27/2010 11:30		0.0090	-0.0070	0.0015	-0.0245	0.0307	-0.0022	0.0110	0.0000	0.0071
6/27/2010 11:45		0.0083	-0.0074	0.0009	-0.0241	0.0295	-0.0024	0.0106	0.0007	0.0071
6/27/2010 12:00		0.0075	-0.0078	0.0003	-0.0233	0.0277	-0.0027	0.0106	0.0007	0.0071
6/27/2010 12:15		0.0067	-0.0082	-0.0004	-0.0221	0.0254	-0.0029	0.0106	0.0015	0.0074
6/27/2010 12:30		0.0063	-0.0090	-0.0009	-0.0215	0.0236	-0.0033	0.0106	0.0008	0.0071
6/27/2010 12:45		0.0057	-0.0095	-0.0015	-0.0207	0.0218	-0.0035	0.0110	0.0008	0.0074
6/27/2010 13:00		0.0051	-0.0099	-0.0020	-0.0197	0.0200	-0.0036	0.0106	0.0015	0.0074
6/27/2010 13:15		0.0046	-0.0103	-0.0024	-0.0193	0.0183	-0.0041	0.0110	0.0008	0.0074
6/27/2010 13:30		0.0039	-0.0103	-0.0028	-0.0177	0.0165	-0.0038	0.0110	0.0008	0.0074
6/27/2010 13:45		0.0035	-0.0107	-0.0032	-0.0166	0.0141	-0.0042	0.0106	0.0015	0.0074
6/27/2010 14:00		0.0029	-0.0115	-0.0039	-0.0158	0.0129	-0.0042	0.0106	0.0015	0.0074
6/27/2010 14:15		0.0026	-0.0119	-0.0043	-0.0146	0.0106	-0.0044	0.0106	0.0015	0.0074
6/27/2010 14:30		0.0018	-0.0127	-0.0051	-0.0132	0.0076	-0.0048	0.0106	0.0015	0.0074
6/27/2010 14:45		0.0013	-0.0132	-0.0055	-0.0124	0.0059	-0.0050	0.0106	0.0015	0.0074
6/27/2010 15:00		0.0010	-0.0131	-0.0057	-0.0109	0.0041	-0.0049	0.0106	0.0023	0.0077
6/27/2010 15:15		0.0011	-0.0135	-0.0058	-0.0107	0.0029	-0.0052	0.0110	0.0015	0.0077
6/27/2010 15:30		0.0009	-0.0139	-0.0061	-0.0097	0.0011	-0.0053	0.0106	0.0023	0.0077
6/27/2010 15:45		0.0006	-0.0131	-0.0059	-0.0085	-0.0007	-0.0053	0.0110	0.0023	0.0080
6/27/2010 16:00		0.0008	-0.0131	-0.0057	-0.0078	-0.0013	-0.0052	0.0114	0.0023	0.0082
6/27/2010 16:15		0.0011	-0.0127	-0.0054	-0.0074	-0.0013	-0.0049	0.0118	0.0023	0.0085
6/27/2010 16:30		0.0017	-0.0127	-0.0051	-0.0066	-0.0019	-0.0047	0.0118	0.0023	0.0085
6/27/2010 16:45		0.0021	-0.0122	-0.0047	-0.0064	-0.0019	-0.0046	0.0122	0.0023	0.0088
6/27/2010 17:00		0.0027	-0.0114	-0.0040	-0.0064	-0.0013	-0.0043	0.0122	0.0023	0.0088
6/27/2010 17:15		0.0030	-0.0110	-0.0036	-0.0064	-0.0007	-0.0041	0.0122	0.0023	0.0088
6/27/2010 17:30		0.0035	-0.0101	-0.0030	-0.0061	-0.0001	-0.0037	0.0122	0.0031	0.0090
6/27/2010 17:45		0.0040	-0.0097	-0.0024	-0.0071	0.0011	-0.0038	0.0122	0.0023	0.0088
6/27/2010 18:00		0.0044	-0.0097	-0.0022	-0.0071	0.0016	-0.0036	0.0122	0.0031	0.0090
6/27/2010 18:15		0.0055	-0.0088	-0.0013	-0.0077	0.0028	-0.0034	0.0126	0.0023	0.0090
6/27/2010 18:30		0.0065	-0.0080	-0.0004	-0.0085	0.0046	-0.0032	0.0130	0.0023	0.0093
6/27/2010 18:45		0.0071	-0.0072	0.0004	-0.0091	0.0064	-0.0029	0.0130	0.0023	0.0093
6/27/2010 19:00		0.0078	-0.0067	0.0009	-0.0103	0.0087	-0.0026	0.0130	0.0023	0.0093
6/27/2010 19:15		0.0083	-0.0067	0.0012	-0.0115	0.0105	-0.0026	0.0130	0.0023	0.0093

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/27/2010 19:30		0.0086	-0.0063	0.0015	-0.0123	0.0123	-0.0024	0.0130	0.0016	0.0090
6/27/2010 19:45		0.0088	-0.0059	0.0018	-0.0124	0.0135	-0.0019	0.0126	0.0016	0.0088
6/27/2010 20:00		0.0088	-0.0059	0.0018	-0.0138	0.0146	-0.0023	0.0122	0.0023	0.0088
6/27/2010 20:15		0.0093	-0.0055	0.0023	-0.0146	0.0158	-0.0023	0.0130	0.0016	0.0090
6/27/2010 20:30		0.0095	-0.0055	0.0024	-0.0152	0.0176	-0.0019	0.0126	0.0023	0.0090
6/27/2010 20:45		0.0097	-0.0059	0.0023	-0.0158	0.0176	-0.0023	0.0126	0.0008	0.0085
6/27/2010 21:00		0.0098	-0.0055	0.0025	-0.0162	0.0188	-0.0020	0.0122	0.0016	0.0085
6/27/2010 21:15		0.0092	-0.0063	0.0019	-0.0167	0.0187	-0.0024	0.0118	0.0016	0.0082
6/27/2010 21:30		0.0092	-0.0067	0.0017	-0.0167	0.0187	-0.0024	0.0118	0.0016	0.0082
6/27/2010 21:45		0.0092	-0.0059	0.0020	-0.0170	0.0194	-0.0023	0.0122	0.0016	0.0085
6/27/2010 22:00		0.0086	-0.0068	0.0013	-0.0170	0.0194	-0.0023	0.0118	0.0016	0.0082
6/27/2010 22:15		0.0086	-0.0067	0.0014	-0.0177	0.0193	-0.0027	0.0118	0.0016	0.0082
6/27/2010 22:30		0.0081	-0.0076	0.0007	-0.0177	0.0187	-0.0030	0.0114	0.0016	0.0080
6/27/2010 22:45		0.0074	-0.0084	-0.0001	-0.0171	0.0170	-0.0033	0.0114	0.0016	0.0080
6/27/2010 23:00		0.0071	-0.0084	-0.0002	-0.0167	0.0158	-0.0036	0.0114	0.0008	0.0077
6/27/2010 23:15		0.0068	-0.0088	-0.0006	-0.0167	0.0152	-0.0038	0.0114	0.0016	0.0080
6/27/2010 23:30		0.0060	-0.0093	-0.0012	-0.0159	0.0140	-0.0038	0.0110	0.0023	0.0080
6/27/2010 23:45		0.0058	-0.0097	-0.0015	-0.0155	0.0123	-0.0043	0.0110	0.0016	0.0077
6/28/2010 0:00		0.0053	-0.0105	-0.0022	-0.0147	0.0105	-0.0045	0.0110	0.0016	0.0077
6/28/2010 0:15		0.0048	-0.0105	-0.0024	-0.0141	0.0093	-0.0046	0.0114	0.0016	0.0080
6/28/2010 0:30		0.0042	-0.0109	-0.0029	-0.0131	0.0075	-0.0048	0.0106	0.0016	0.0075
6/28/2010 0:45		0.0038	-0.0113	-0.0034	-0.0129	0.0058	-0.0053	0.0110	0.0016	0.0077
6/28/2010 1:00		0.0037	-0.0117	-0.0036	-0.0117	0.0040	-0.0053	0.0110	0.0016	0.0077
6/28/2010 1:15		0.0033	-0.0122	-0.0040	-0.0109	0.0022	-0.0056	0.0110	0.0016	0.0077
6/28/2010 1:30		0.0029	-0.0122	-0.0042	-0.0101	0.0010	-0.0056	0.0110	0.0023	0.0080
6/28/2010 1:45		0.0028	-0.0122	-0.0043	-0.0097	0.0004	-0.0056	0.0114	0.0023	0.0082
6/28/2010 2:00		0.0027	-0.0130	-0.0047	-0.0086	-0.0013	-0.0057	0.0110	0.0016	0.0077
6/28/2010 2:15		0.0026	-0.0130	-0.0047	-0.0080	-0.0025	-0.0058	0.0110	0.0024	0.0080
6/28/2010 2:30		0.0022	-0.0130	-0.0050	-0.0072	-0.0037	-0.0058	0.0114	0.0024	0.0083
6/28/2010 2:45		0.0023	-0.0134	-0.0051	-0.0064	-0.0055	-0.0060	0.0110	0.0024	0.0080
6/28/2010 3:00		0.0022	-0.0130	-0.0050	-0.0060	-0.0061	-0.0060	0.0110	0.0024	0.0080
6/28/2010 3:15		0.0026	-0.0130	-0.0048	-0.0052	-0.0067	-0.0058	0.0114	0.0031	0.0085
6/28/2010 3:30		0.0027	-0.0121	-0.0043	-0.0050	-0.0061	-0.0054	0.0122	0.0024	0.0088
6/28/2010 3:45		0.0034	-0.0117	-0.0037	-0.0046	-0.0061	-0.0052	0.0118	0.0031	0.0088

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/28/2010 4:00		0.0039	-0.0117	-0.0035	-0.0046	-0.0061	-0.0052	0.0122	0.0031	0.0090
6/28/2010 4:15		0.0046	-0.0104	-0.0025	-0.0046	-0.0049	-0.0047	0.0122	0.0031	0.0090
6/28/2010 4:30		0.0051	-0.0104	-0.0022	-0.0050	-0.0037	-0.0045	0.0126	0.0024	0.0090
6/28/2010 4:45		0.0056	-0.0096	-0.0016	-0.0054	-0.0025	-0.0042	0.0126	0.0024	0.0090
6/28/2010 5:00		0.0063	-0.0088	-0.0008	-0.0058	-0.0014	-0.0040	0.0130	0.0024	0.0093
6/28/2010 5:15		0.0070	-0.0079	-0.0001	-0.0068	0.0010	-0.0036	0.0130	0.0031	0.0096
6/28/2010 5:30		0.0080	-0.0067	0.0011	-0.0080	0.0040	-0.0032	0.0134	0.0024	0.0096
6/28/2010 5:45		0.0095	-0.0058	0.0022	-0.0096	0.0063	-0.0032	0.0138	0.0024	0.0098
6/28/2010 6:00		0.0102	-0.0050	0.0030	-0.0110	0.0099	-0.0026	0.0138	0.0023	0.0098
6/28/2010 6:15		0.0106	-0.0038	0.0038	-0.0126	0.0122	-0.0026	0.0134	0.0023	0.0096
6/28/2010 6:30		0.0112	-0.0038	0.0041	-0.0142	0.0152	-0.0023	0.0138	0.0016	0.0096
6/28/2010 6:45		0.0116	-0.0034	0.0045	-0.0153	0.0170	-0.0022	0.0134	0.0016	0.0093
6/28/2010 7:00		0.0125	-0.0025	0.0054	-0.0165	0.0199	-0.0018	0.0138	0.0016	0.0096
6/28/2010 7:15		0.0131	-0.0021	0.0059	-0.0185	0.0235	-0.0015	0.0134	0.0023	0.0096
6/28/2010 7:30		0.0141	-0.0017	0.0066	-0.0197	0.0258	-0.0013	0.0138	0.0016	0.0096
6/28/2010 7:45		0.0143	-0.0009	0.0071	-0.0213	0.0288	-0.0010	0.0134	0.0016	0.0093
6/28/2010 8:00		0.0148	-0.0009	0.0074	-0.0229	0.0311	-0.0010	0.0134	0.0016	0.0093
6/28/2010 8:15		0.0151	-0.0004	0.0077	-0.0241	0.0335	-0.0008	0.0134	0.0008	0.0090
6/28/2010 8:30		0.0151	-0.0004	0.0078	-0.0253	0.0353	-0.0008	0.0130	0.0016	0.0090
6/28/2010 8:45		0.0154	-0.0004	0.0079	-0.0265	0.0370	-0.0008	0.0130	0.0016	0.0090
6/28/2010 9:00		0.0151	0.0000	0.0080	-0.0269	0.0382	-0.0006	0.0130	0.0008	0.0088
6/28/2010 9:15		0.0154	-0.0004	0.0079	-0.0277	0.0394	-0.0006	0.0126	0.0008	0.0085
6/28/2010 9:30		0.0152	-0.0004	0.0078	-0.0287	0.0411	-0.0004	0.0126	0.0008	0.0085
6/28/2010 9:45		0.0150	-0.0008	0.0075	-0.0295	0.0417	-0.0007	0.0126	0.0008	0.0085
6/28/2010 10:00		0.0146	-0.0008	0.0073	-0.0303	0.0423	-0.0009	0.0122	0.0001	0.0080
6/28/2010 10:15		0.0145	-0.0017	0.0069	-0.0303	0.0423	-0.0009	0.0122	0.0008	0.0083
6/28/2010 10:30		0.0139	-0.0021	0.0063	-0.0303	0.0417	-0.0011	0.0118	0.0008	0.0080
6/28/2010 10:45		0.0133	-0.0021	0.0060	-0.0307	0.0423	-0.0011	0.0114	0.0008	0.0077
6/28/2010 11:00		0.0130	-0.0029	0.0055	-0.0304	0.0417	-0.0013	0.0118	0.0001	0.0077
6/28/2010 11:15		0.0124	-0.0038	0.0048	-0.0304	0.0405	-0.0017	0.0114	0.0008	0.0077
6/28/2010 11:30		0.0119	-0.0038	0.0045	-0.0300	0.0394	-0.0020	0.0118	0.0001	0.0077
6/28/2010 11:45		0.0113	-0.0046	0.0038	-0.0296	0.0382	-0.0022	0.0110	0.0008	0.0075
6/28/2010 12:00		0.0104	-0.0050	0.0031	-0.0292	0.0370	-0.0024	0.0110	0.0008	0.0075
6/28/2010 12:15		0.0100	-0.0054	0.0027	-0.0287	0.0352	-0.0028	0.0110	0.0008	0.0075

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/28/2010 12:30		0.0094	-0.0063	0.0020	-0.0280	0.0341	-0.0029	0.0110	0.0008	0.0075
6/28/2010 12:45		0.0087	-0.0067	0.0014	-0.0272	0.0317	-0.0034	0.0110	0.0008	0.0075
6/28/2010 13:00		0.0077	-0.0080	0.0003	-0.0267	0.0305	-0.0035	0.0110	0.0008	0.0075
6/28/2010 13:15		0.0071	-0.0084	-0.0002	-0.0256	0.0276	-0.0041	0.0106	0.0008	0.0072
6/28/2010 13:30		0.0064	-0.0087	-0.0007	-0.0252	0.0264	-0.0043	0.0106	0.0016	0.0075
6/28/2010 13:45		0.0056	-0.0096	-0.0016	-0.0238	0.0240	-0.0045	0.0106	0.0016	0.0075
6/28/2010 14:00		0.0054	-0.0095	-0.0017	-0.0233	0.0222	-0.0049	0.0110	0.0009	0.0075
6/28/2010 14:15		0.0048	-0.0095	-0.0020	-0.0225	0.0210	-0.0049	0.0110	0.0016	0.0077
6/28/2010 14:30		0.0043	-0.0100	-0.0024	-0.0210	0.0187	-0.0049	0.0106	0.0016	0.0075
6/28/2010 14:45		0.0034	-0.0109	-0.0034	-0.0199	0.0164	-0.0052	0.0106	0.0016	0.0075
6/28/2010 15:00		0.0022	-0.0122	-0.0046	-0.0181	0.0134	-0.0053	0.0102	0.0016	0.0072
6/28/2010 15:15		0.0009	-0.0139	-0.0061	-0.0158	0.0088	-0.0059	0.0098	0.0016	0.0069
6/28/2010 15:30		-0.0006	-0.0147	-0.0073	-0.0148	0.0052	-0.0067	0.0098	0.0016	0.0069
6/28/2010 15:45		-0.0017	-0.0160	-0.0085	-0.0124	0.0011	-0.0069	0.0098	0.0016	0.0069
6/28/2010 16:00		-0.0007	-0.0131	-0.0065	-0.0104	0.0005	-0.0060	0.0122	0.0031	0.0090
6/28/2010 16:15		0.0010	-0.0106	-0.0045	-0.0096	0.0028	-0.0046	0.0134	0.0023	0.0095
6/28/2010 16:30		0.0008	-0.0126	-0.0056	-0.0095	0.0022	-0.0048	0.0114	0.0023	0.0082
6/28/2010 16:45		0.0005	-0.0126	-0.0057	-0.0091	0.0011	-0.0050	0.0114	0.0016	0.0080
6/28/2010 17:00		0.0001	-0.0138	-0.0065	-0.0090	-0.0002	-0.0054	0.0110	0.0016	0.0077
6/28/2010 17:15		-0.0004	-0.0146	-0.0071	-0.0084	-0.0025	-0.0060	0.0106	0.0016	0.0075
6/28/2010 17:30		-0.0001	-0.0138	-0.0066	-0.0078	-0.0043	-0.0064	0.0110	0.0031	0.0083
6/28/2010 17:45		0.0012	-0.0117	-0.0049	-0.0066	-0.0025	-0.0050	0.0130	0.0031	0.0096
6/28/2010 18:00		0.0021	-0.0117	-0.0044	-0.0068	-0.0019	-0.0048	0.0126	0.0024	0.0090
6/28/2010 18:15		0.0015	-0.0126	-0.0052	-0.0062	-0.0025	-0.0047	0.0114	0.0023	0.0083
6/28/2010 18:30		0.0022	-0.0113	-0.0042	-0.0064	-0.0019	-0.0046	0.0122	0.0031	0.0090
6/28/2010 18:45		0.0028	-0.0104	-0.0035	-0.0068	-0.0008	-0.0044	0.0126	0.0024	0.0090
6/28/2010 19:00		0.0034	-0.0096	-0.0027	-0.0072	0.0004	-0.0041	0.0126	0.0024	0.0090
6/28/2010 19:15		0.0052	-0.0075	-0.0008	-0.0074	0.0034	-0.0031	0.0138	0.0038	0.0103
6/28/2010 19:30		0.0060	-0.0071	-0.0002	-0.0090	0.0057	-0.0031	0.0134	0.0023	0.0096
6/28/2010 19:45		0.0068	-0.0067	0.0004	-0.0099	0.0075	-0.0029	0.0134	0.0023	0.0096
6/28/2010 20:00		0.0067	-0.0076	0.0000	-0.0113	0.0087	-0.0032	0.0122	0.0023	0.0088
6/28/2010 20:15		0.0061	-0.0080	-0.0006	-0.0113	0.0087	-0.0032	0.0122	0.0016	0.0085
6/28/2010 20:30		0.0068	-0.0076	0.0000	-0.0115	0.0099	-0.0029	0.0122	0.0023	0.0088
6/28/2010 20:45		0.0067	-0.0076	-0.0001	-0.0122	0.0111	-0.0027	0.0122	0.0016	0.0085

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/28/2010 21:00		0.0067	-0.0072	0.0001	-0.0126	0.0117	-0.0027	0.0122	0.0023	0.0088
6/28/2010 21:15		0.0078	-0.0063	0.0011	-0.0126	0.0129	-0.0023	0.0130	0.0023	0.0093
6/28/2010 21:30		0.0076	-0.0068	0.0008	-0.0132	0.0141	-0.0022	0.0122	0.0016	0.0085
6/28/2010 21:45		0.0075	-0.0068	0.0008	-0.0134	0.0147	-0.0021	0.0122	0.0016	0.0085
6/28/2010 22:00		0.0076	-0.0064	0.0010	-0.0137	0.0153	-0.0020	0.0122	0.0023	0.0087
6/28/2010 22:15		0.0075	-0.0068	0.0007	-0.0139	0.0159	-0.0019	0.0122	0.0015	0.0085
6/28/2010 22:30		0.0070	-0.0081	-0.0001	-0.0143	0.0153	-0.0023	0.0114	0.0008	0.0077
6/28/2010 22:45		0.0058	-0.0085	-0.0010	-0.0139	0.0135	-0.0028	0.0110	0.0008	0.0074
6/28/2010 23:00		0.0054	-0.0094	-0.0016	-0.0135	0.0123	-0.0031	0.0110	0.0015	0.0077
6/28/2010 23:15		0.0045	-0.0098	-0.0023	-0.0131	0.0105	-0.0035	0.0110	0.0008	0.0074
6/28/2010 23:30		0.0043	-0.0098	-0.0024	-0.0129	0.0088	-0.0041	0.0114	0.0015	0.0080
6/28/2010 23:45		0.0045	-0.0098	-0.0022	-0.0119	0.0082	-0.0038	0.0114	0.0015	0.0080
6/29/2010 0:00		0.0040	-0.0102	-0.0027	-0.0119	0.0076	-0.0040	0.0114	0.0015	0.0080
6/29/2010 0:15		0.0038	-0.0111	-0.0032	-0.0109	0.0064	-0.0039	0.0110	0.0015	0.0077
6/29/2010 0:30		0.0032	-0.0115	-0.0037	-0.0105	0.0047	-0.0044	0.0110	0.0015	0.0077
6/29/2010 0:45		0.0027	-0.0119	-0.0042	-0.0095	0.0029	-0.0045	0.0110	0.0015	0.0077
6/29/2010 1:00		0.0023	-0.0123	-0.0046	-0.0085	0.0011	-0.0046	0.0106	0.0015	0.0074
6/29/2010 1:15		0.0018	-0.0127	-0.0051	-0.0081	-0.0006	-0.0051	0.0110	0.0015	0.0077
6/29/2010 1:30		0.0013	-0.0127	-0.0053	-0.0073	-0.0018	-0.0051	0.0110	0.0015	0.0077
6/29/2010 1:45		0.0009	-0.0131	-0.0057	-0.0061	-0.0042	-0.0053	0.0110	0.0015	0.0077
6/29/2010 2:00		0.0008	-0.0136	-0.0060	-0.0049	-0.0054	-0.0051	0.0110	0.0015	0.0077
6/29/2010 2:15		0.0005	-0.0140	-0.0064	-0.0041	-0.0071	-0.0053	0.0106	0.0023	0.0077
6/29/2010 2:30		0.0000	-0.0148	-0.0070	-0.0037	-0.0089	-0.0058	0.0106	0.0015	0.0074
6/29/2010 2:45		-0.0004	-0.0148	-0.0072	-0.0023	-0.0107	-0.0057	0.0110	0.0023	0.0079
6/29/2010 3:00		-0.0008	-0.0148	-0.0074	-0.0011	-0.0124	-0.0057	0.0110	0.0023	0.0079
6/29/2010 3:15		-0.0007	-0.0149	-0.0074	-0.0002	-0.0136	-0.0056	0.0114	0.0023	0.0082
6/29/2010 3:30		-0.0008	-0.0149	-0.0075	0.0006	-0.0148	-0.0056	0.0114	0.0023	0.0082
6/29/2010 3:45		-0.0009	-0.0149	-0.0075	0.0014	-0.0160	-0.0056	0.0114	0.0023	0.0082
6/29/2010 4:00		-0.0011	-0.0149	-0.0076	0.0022	-0.0166	-0.0054	0.0114	0.0030	0.0085
6/29/2010 4:15		-0.0008	-0.0149	-0.0074	0.0028	-0.0171	-0.0053	0.0118	0.0023	0.0085
6/29/2010 4:30		-0.0009	-0.0141	-0.0071	0.0038	-0.0171	-0.0047	0.0118	0.0023	0.0085
6/29/2010 4:45		0.0001	-0.0141	-0.0066	0.0038	-0.0165	-0.0045	0.0122	0.0030	0.0090
6/29/2010 5:00		0.0002	-0.0133	-0.0061	0.0039	-0.0159	-0.0041	0.0122	0.0030	0.0090
6/29/2010 5:15		0.0007	-0.0124	-0.0055	0.0039	-0.0153	-0.0039	0.0126	0.0022	0.0090

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/29/2010 5:30		0.0014	-0.0116	-0.0048	0.0037	-0.0141	-0.0035	0.0126	0.0030	0.0092
6/29/2010 5:45		0.0019	-0.0116	-0.0045	0.0038	-0.0135	-0.0032	0.0126	0.0022	0.0090
6/29/2010 6:00		0.0022	-0.0104	-0.0038	0.0032	-0.0118	-0.0028	0.0126	0.0022	0.0090
6/29/2010 6:15		0.0029	-0.0100	-0.0032	0.0024	-0.0100	-0.0026	0.0130	0.0022	0.0092
6/29/2010 6:30		0.0035	-0.0096	-0.0027	0.0018	-0.0088	-0.0025	0.0126	0.0022	0.0089
6/29/2010 6:45		0.0040	-0.0092	-0.0022	0.0011	-0.0070	-0.0022	0.0129	0.0022	0.0092
6/29/2010 7:00		0.0048	-0.0087	-0.0016	-0.0002	-0.0053	-0.0023	0.0130	0.0022	0.0092
6/29/2010 7:15		0.0051	-0.0075	-0.0009	-0.0007	-0.0029	-0.0016	0.0129	0.0022	0.0092
6/29/2010 7:30		0.0060	-0.0071	-0.0002	-0.0017	-0.0011	-0.0015	0.0133	0.0022	0.0095
6/29/2010 7:45		0.0065	-0.0067	0.0003	-0.0029	0.0013	-0.0012	0.0133	0.0014	0.0092
6/29/2010 8:00		0.0070	-0.0063	0.0007	-0.0041	0.0030	-0.0012	0.0129	0.0014	0.0089
6/29/2010 8:15		0.0074	-0.0063	0.0009	-0.0048	0.0048	-0.0009	0.0129	0.0022	0.0092
6/29/2010 8:30		0.0076	-0.0059	0.0012	-0.0058	0.0066	-0.0008	0.0125	0.0014	0.0087
6/29/2010 8:45		0.0082	-0.0059	0.0015	-0.0068	0.0078	-0.0009	0.0129	0.0014	0.0089
6/29/2010 9:00		0.0085	-0.0055	0.0019	-0.0070	0.0095	-0.0003	0.0129	0.0014	0.0089
6/29/2010 9:15		0.0089	-0.0055	0.0021	-0.0084	0.0113	-0.0004	0.0129	0.0014	0.0089
6/29/2010 9:30		0.0089	-0.0047	0.0025	-0.0094	0.0131	-0.0003	0.0129	0.0014	0.0089
6/29/2010 9:45		0.0093	-0.0051	0.0025	-0.0102	0.0143	-0.0003	0.0125	0.0014	0.0087
6/29/2010 10:00		0.0090	-0.0051	0.0023	-0.0106	0.0154	-0.0001	0.0121	0.0014	0.0084
6/29/2010 10:15		0.0086	-0.0055	0.0020	-0.0114	0.0160	-0.0003	0.0121	0.0007	0.0081
6/29/2010 10:30		0.0085	-0.0059	0.0017	-0.0113	0.0160	-0.0002	0.0117	0.0007	0.0079
6/29/2010 10:45		0.0078	-0.0068	0.0009	-0.0113	0.0155	-0.0005	0.0113	0.0007	0.0076
6/29/2010 11:00		0.0073	-0.0068	0.0007	-0.0113	0.0149	-0.0007	0.0113	0.0007	0.0076
6/29/2010 11:15		0.0067	-0.0076	-0.0001	-0.0111	0.0137	-0.0011	0.0109	0.0007	0.0073
6/29/2010 11:30		0.0062	-0.0076	-0.0003	-0.0107	0.0131	-0.0011	0.0113	0.0007	0.0076
6/29/2010 11:45		0.0058	-0.0080	-0.0007	-0.0107	0.0125	-0.0013	0.0109	0.0014	0.0076
6/29/2010 12:00		0.0050	-0.0093	-0.0018	-0.0097	0.0108	-0.0014	0.0109	0.0007	0.0073
6/29/2010 12:15		0.0043	-0.0097	-0.0023	-0.0093	0.0090	-0.0019	0.0105	0.0014	0.0073
6/29/2010 12:30		0.0034	-0.0102	-0.0030	-0.0081	0.0066	-0.0022	0.0105	0.0007	0.0071
6/29/2010 12:45		0.0026	-0.0114	-0.0040	-0.0076	0.0049	-0.0025	0.0101	0.0006	0.0068
6/29/2010 13:00		0.0022	-0.0118	-0.0045	-0.0065	0.0025	-0.0029	0.0105	0.0014	0.0073
6/29/2010 13:15		0.0018	-0.0122	-0.0049	-0.0061	0.0007	-0.0034	0.0105	0.0014	0.0073
6/29/2010 13:30		0.0010	-0.0131	-0.0057	-0.0048	-0.0016	-0.0035	0.0105	0.0006	0.0071
6/29/2010 13:45		0.0003	-0.0135	-0.0062	-0.0033	-0.0040	-0.0036	0.0105	0.0014	0.0073

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/29/2010 14:00		0.0000	-0.0139	-0.0066	-0.0025	-0.0063	-0.0041	0.0105	0.0014	0.0073
6/29/2010 14:15		-0.0003	-0.0139	-0.0068	-0.0009	-0.0081	-0.0038	0.0109	0.0014	0.0076
6/29/2010 14:30		-0.0010	-0.0148	-0.0075	0.0003	-0.0105	-0.0041	0.0101	0.0022	0.0073
6/29/2010 14:45		-0.0016	-0.0156	-0.0082	0.0012	-0.0128	-0.0044	0.0101	0.0014	0.0071
6/29/2010 15:00		-0.0018	-0.0156	-0.0083	0.0028	-0.0152	-0.0044	0.0105	0.0029	0.0079
6/29/2010 15:15		-0.0019	-0.0160	-0.0086	0.0041	-0.0170	-0.0044	0.0109	0.0022	0.0079
6/29/2010 15:30		-0.0027	-0.0160	-0.0090	0.0049	-0.0187	-0.0047	0.0105	0.0022	0.0076
6/29/2010 15:45		-0.0031	-0.0169	-0.0096	0.0061	-0.0205	-0.0047	0.0105	0.0022	0.0076
6/29/2010 16:00		-0.0035	-0.0169	-0.0098	0.0077	-0.0229	-0.0047	0.0105	0.0022	0.0076
6/29/2010 16:15		-0.0040	-0.0168	-0.0101	0.0087	-0.0246	-0.0048	0.0109	0.0022	0.0079
6/29/2010 16:30		-0.0039	-0.0181	-0.0106	0.0093	-0.0258	-0.0049	0.0105	0.0029	0.0079
6/29/2010 16:45		-0.0048	-0.0181	-0.0111	0.0105	-0.0282	-0.0051	0.0105	0.0022	0.0076
6/29/2010 17:00		-0.0048	-0.0185	-0.0113	0.0117	-0.0300	-0.0051	0.0109	0.0022	0.0079
6/29/2010 17:15		-0.0048	-0.0181	-0.0111	0.0125	-0.0311	-0.0051	0.0113	0.0029	0.0084
6/29/2010 17:30		-0.0045	-0.0176	-0.0107	0.0132	-0.0317	-0.0050	0.0113	0.0029	0.0084
6/29/2010 17:45		-0.0041	-0.0168	-0.0101	0.0137	-0.0311	-0.0044	0.0117	0.0029	0.0087
6/29/2010 18:00		-0.0035	-0.0160	-0.0094	0.0145	-0.0311	-0.0039	0.0121	0.0029	0.0089
6/29/2010 18:15		-0.0029	-0.0152	-0.0087	0.0147	-0.0305	-0.0036	0.0125	0.0029	0.0092
6/29/2010 18:30		-0.0023	-0.0152	-0.0084	0.0149	-0.0293	-0.0030	0.0121	0.0029	0.0089
6/29/2010 18:45		-0.0024	-0.0148	-0.0083	0.0146	-0.0293	-0.0032	0.0121	0.0021	0.0086
6/29/2010 19:00		-0.0019	-0.0144	-0.0078	0.0142	-0.0282	-0.0029	0.0121	0.0029	0.0089
6/29/2010 19:15		-0.0015	-0.0136	-0.0072	0.0144	-0.0276	-0.0026	0.0121	0.0029	0.0089
6/29/2010 19:30		-0.0011	-0.0132	-0.0068	0.0142	-0.0264	-0.0022	0.0125	0.0021	0.0089
6/29/2010 19:45		-0.0002	-0.0119	-0.0057	0.0134	-0.0246	-0.0020	0.0125	0.0029	0.0091
6/29/2010 20:00		0.0009	-0.0111	-0.0048	0.0129	-0.0228	-0.0015	0.0129	0.0029	0.0094
6/29/2010 20:15		0.0016	-0.0103	-0.0040	0.0117	-0.0204	-0.0013	0.0129	0.0029	0.0094
6/29/2010 20:30		0.0020	-0.0099	-0.0036	0.0111	-0.0187	-0.0010	0.0129	0.0021	0.0091
6/29/2010 20:45		0.0025	-0.0095	-0.0032	0.0100	-0.0169	-0.0009	0.0125	0.0021	0.0089
6/29/2010 21:00		0.0031	-0.0091	-0.0027	0.0088	-0.0145	-0.0006	0.0129	0.0013	0.0089
6/29/2010 21:15		0.0035	-0.0091	-0.0024	0.0076	-0.0127	-0.0006	0.0125	0.0021	0.0089
6/29/2010 21:30		0.0038	-0.0082	-0.0019	0.0072	-0.0122	-0.0006	0.0125	0.0021	0.0089
6/29/2010 21:45		0.0042	-0.0083	-0.0017	0.0066	-0.0104	-0.0003	0.0121	0.0021	0.0086
6/29/2010 22:00		0.0044	-0.0079	-0.0014	0.0059	-0.0092	-0.0002	0.0125	0.0021	0.0089
6/29/2010 22:15		0.0045	-0.0083	-0.0015	0.0055	-0.0086	-0.0002	0.0117	0.0021	0.0083

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/29/2010 22:30		0.0046	-0.0087	-0.0017	0.0051	-0.0080	-0.0002	0.0117	0.0013	0.0081
6/29/2010 22:45		0.0048	-0.0087	-0.0016	0.0049	-0.0074	-0.0001	0.0117	0.0021	0.0083
6/29/2010 23:00		0.0047	-0.0087	-0.0016	0.0045	-0.0068	-0.0001	0.0117	0.0013	0.0081
6/29/2010 23:15		0.0046	-0.0087	-0.0017	0.0041	-0.0068	-0.0003	0.0121	0.0013	0.0083
6/29/2010 23:30		0.0047	-0.0087	-0.0016	0.0041	-0.0068	-0.0003	0.0117	0.0006	0.0078
6/29/2010 23:45		0.0042	-0.0096	-0.0023	0.0039	-0.0068	-0.0005	0.0109	0.0013	0.0075
6/30/2010 0:00		0.0034	-0.0100	-0.0030	0.0044	-0.0080	-0.0006	0.0109	0.0013	0.0075
6/30/2010 0:15		0.0031	-0.0104	-0.0033	0.0046	-0.0091	-0.0010	0.0113	0.0005	0.0075
6/30/2010 0:30		0.0028	-0.0105	-0.0035	0.0052	-0.0103	-0.0011	0.0113	0.0013	0.0078
6/30/2010 0:45		0.0019	-0.0105	-0.0039	0.0060	-0.0109	-0.0009	0.0113	0.0005	0.0075
6/30/2010 1:00		0.0017	-0.0109	-0.0043	0.0064	-0.0121	-0.0011	0.0113	0.0013	0.0078
6/30/2010 1:15		0.0015	-0.0117	-0.0048	0.0068	-0.0138	-0.0016	0.0108	0.0013	0.0075
6/30/2010 1:30		0.0005	-0.0134	-0.0061	0.0072	-0.0156	-0.0021	0.0104	0.0005	0.0070
6/30/2010 1:45		-0.0004	-0.0134	-0.0066	0.0084	-0.0180	-0.0023	0.0100	0.0013	0.0070
6/30/2010 2:00		-0.0005	-0.0134	-0.0066	0.0093	-0.0197	-0.0024	0.0108	0.0013	0.0075
6/30/2010 2:15		-0.0010	-0.0135	-0.0069	0.0109	-0.0215	-0.0022	0.0104	0.0013	0.0072
6/30/2010 2:30		-0.0016	-0.0135	-0.0072	0.0117	-0.0232	-0.0025	0.0108	0.0013	0.0075
6/30/2010 2:45		-0.0020	-0.0135	-0.0074	0.0125	-0.0244	-0.0025	0.0108	0.0020	0.0078
6/30/2010 3:00		-0.0022	-0.0139	-0.0077	0.0138	-0.0256	-0.0021	0.0108	0.0020	0.0078
6/30/2010 3:15		-0.0025	-0.0143	-0.0081	0.0148	-0.0268	-0.0020	0.0108	0.0020	0.0078
6/30/2010 3:30		-0.0023	-0.0135	-0.0076	0.0154	-0.0274	-0.0019	0.0116	0.0020	0.0083
6/30/2010 3:45		-0.0021	-0.0135	-0.0075	0.0162	-0.0279	-0.0017	0.0112	0.0020	0.0080
6/30/2010 4:00		-0.0026	-0.0140	-0.0080	0.0167	-0.0285	-0.0016	0.0112	0.0020	0.0080
6/30/2010 4:15		-0.0032	-0.0140	-0.0083	0.0175	-0.0297	-0.0016	0.0112	0.0020	0.0080
6/30/2010 4:30		-0.0032	-0.0144	-0.0085	0.0179	-0.0309	-0.0018	0.0108	0.0020	0.0077
6/30/2010 4:45		-0.0036	-0.0148	-0.0089	0.0185	-0.0320	-0.0019	0.0108	0.0020	0.0077
6/30/2010 5:00		-0.0039	-0.0144	-0.0089	0.0191	-0.0326	-0.0018	0.0112	0.0020	0.0080
6/30/2010 5:15		-0.0033	-0.0136	-0.0082	0.0199	-0.0332	-0.0016	0.0116	0.0027	0.0085
6/30/2010 5:30		-0.0029	-0.0124	-0.0073	0.0204	-0.0320	-0.0008	0.0120	0.0027	0.0088
6/30/2010 5:45		-0.0024	-0.0119	-0.0069	0.0200	-0.0308	-0.0006	0.0120	0.0027	0.0088
6/30/2010 6:00		-0.0021	-0.0120	-0.0068	0.0202	-0.0302	-0.0002	0.0120	0.0020	0.0085
6/30/2010 6:15		-0.0020	-0.0124	-0.0069	0.0198	-0.0296	-0.0002	0.0120	0.0020	0.0085
6/30/2010 6:30		-0.0019	-0.0120	-0.0067	0.0194	-0.0296	-0.0004	0.0116	0.0020	0.0082
6/30/2010 6:45		-0.0017	-0.0116	-0.0064	0.0199	-0.0296	-0.0001	0.0116	0.0027	0.0085

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/30/2010 7:00		-0.0014	-0.0112	-0.0060	0.0197	-0.0290	0.0000	0.0120	0.0027	0.0088
6/30/2010 7:15		-0.0010	-0.0107	-0.0056	0.0193	-0.0278	0.0002	0.0120	0.0027	0.0088
6/30/2010 7:30		-0.0003	-0.0099	-0.0048	0.0189	-0.0261	0.0007	0.0128	0.0019	0.0090
6/30/2010 7:45		0.0004	-0.0095	-0.0043	0.0177	-0.0243	0.0007	0.0124	0.0027	0.0090
6/30/2010 8:00		0.0009	-0.0091	-0.0038	0.0169	-0.0237	0.0005	0.0124	0.0027	0.0090
6/30/2010 8:15		0.0016	-0.0083	-0.0031	0.0167	-0.0213	0.0013	0.0128	0.0019	0.0090
6/30/2010 8:30		0.0016	-0.0079	-0.0029	0.0156	-0.0196	0.0014	0.0128	0.0019	0.0090
6/30/2010 8:45		0.0024	-0.0079	-0.0025	0.0148	-0.0184	0.0014	0.0128	0.0019	0.0090
6/30/2010 9:00		0.0030	-0.0070	-0.0017	0.0140	-0.0166	0.0016	0.0124	0.0027	0.0090
6/30/2010 9:15		0.0036	-0.0070	-0.0014	0.0128	-0.0148	0.0016	0.0124	0.0012	0.0085
6/30/2010 9:30		0.0038	-0.0070	-0.0013	0.0120	-0.0137	0.0016	0.0124	0.0012	0.0085
6/30/2010 9:45		0.0041	-0.0070	-0.0012	0.0116	-0.0125	0.0019	0.0124	0.0019	0.0087
6/30/2010 10:00		0.0040	-0.0070	-0.0012	0.0108	-0.0113	0.0019	0.0120	0.0019	0.0085
6/30/2010 10:15		0.0041	-0.0070	-0.0012	0.0106	-0.0107	0.0020	0.0120	0.0012	0.0082
6/30/2010 10:30		0.0040	-0.0070	-0.0012	0.0100	-0.0101	0.0019	0.0120	0.0019	0.0085
6/30/2010 10:45		0.0043	-0.0074	-0.0013	0.0096	-0.0095	0.0019	0.0120	0.0012	0.0082
6/30/2010 11:00		0.0042	-0.0070	-0.0011	0.0092	-0.0089	0.0019	0.0120	0.0012	0.0082
6/30/2010 11:15		0.0041	-0.0079	-0.0016	0.0092	-0.0089	0.0019	0.0116	0.0012	0.0080
6/30/2010 11:30		0.0035	-0.0087	-0.0023	0.0092	-0.0101	0.0014	0.0112	0.0012	0.0077
6/30/2010 11:45		0.0031	-0.0091	-0.0026	0.0092	-0.0107	0.0012	0.0116	0.0004	0.0077
6/30/2010 12:00		0.0024	-0.0095	-0.0032	0.0092	-0.0113	0.0009	0.0108	0.0012	0.0074
6/30/2010 12:15		0.0022	-0.0099	-0.0036	0.0092	-0.0119	0.0007	0.0112	0.0012	0.0077
6/30/2010 12:30		0.0022	-0.0099	-0.0036	0.0095	-0.0131	0.0003	0.0112	0.0012	0.0077
6/30/2010 12:45		0.0015	-0.0099	-0.0039	0.0099	-0.0137	0.0003	0.0112	0.0012	0.0077
6/30/2010 13:00		0.0012	-0.0103	-0.0043	0.0103	-0.0149	0.0001	0.0108	0.0012	0.0074
6/30/2010 13:15		0.0011	-0.0112	-0.0047	0.0105	-0.0160	-0.0002	0.0108	0.0012	0.0074
6/30/2010 13:30		0.0006	-0.0120	-0.0054	0.0105	-0.0178	-0.0010	0.0104	0.0012	0.0072
6/30/2010 13:45		0.0000	-0.0120	-0.0057	0.0109	-0.0190	-0.0012	0.0108	0.0012	0.0074
6/30/2010 14:00		-0.0001	-0.0128	-0.0061	0.0115	-0.0208	-0.0015	0.0104	0.0020	0.0075
6/30/2010 14:15		-0.0001	-0.0128	-0.0061	0.0119	-0.0214	-0.0015	0.0112	0.0012	0.0077
6/30/2010 14:30		-0.0004	-0.0128	-0.0062	0.0131	-0.0225	-0.0013	0.0108	0.0020	0.0077
6/30/2010 14:45		-0.0006	-0.0132	-0.0066	0.0143	-0.0237	-0.0011	0.0108	0.0012	0.0075
6/30/2010 15:00		-0.0011	-0.0136	-0.0070	0.0151	-0.0255	-0.0013	0.0108	0.0020	0.0077
6/30/2010 15:15		-0.0017	-0.0141	-0.0075	0.0159	-0.0273	-0.0015	0.0108	0.0012	0.0075

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
6/30/2010 15:30		-0.0022	-0.0145	-0.0080	0.0166	-0.0285	-0.0016	0.0108	0.0012	0.0075
6/30/2010 15:45		-0.0025	-0.0149	-0.0083	0.0172	-0.0302	-0.0020	0.0108	0.0020	0.0077
6/30/2010 16:00		-0.0026	-0.0153	-0.0086	0.0184	-0.0314	-0.0017	0.0108	0.0020	0.0077
6/30/2010 16:15		-0.0024	-0.0153	-0.0085	0.0191	-0.0320	-0.0016	0.0112	0.0020	0.0080
6/30/2010 16:30		-0.0026	-0.0153	-0.0086	0.0195	-0.0326	-0.0016	0.0112	0.0020	0.0080
6/30/2010 16:45		-0.0028	-0.0148	-0.0085	0.0195	-0.0332	-0.0018	0.0112	0.0027	0.0083
6/30/2010 17:00		-0.0026	-0.0152	-0.0085	0.0201	-0.0338	-0.0017	0.0112	0.0020	0.0080
6/30/2010 17:15		-0.0029	-0.0152	-0.0087	0.0203	-0.0344	-0.0018	0.0112	0.0020	0.0080
6/30/2010 17:30		-0.0026	-0.0152	-0.0086	0.0207	-0.0350	-0.0018	0.0112	0.0027	0.0083
6/30/2010 17:45		-0.0020	-0.0148	-0.0080	0.0210	-0.0350	-0.0017	0.0116	0.0028	0.0085
6/30/2010 18:00		-0.0017	-0.0144	-0.0077	0.0211	-0.0344	-0.0013	0.0120	0.0027	0.0088
6/30/2010 18:15		-0.0012	-0.0135	-0.0070	0.0211	-0.0332	-0.0009	0.0120	0.0027	0.0088
6/30/2010 18:30		-0.0005	-0.0127	-0.0063	0.0207	-0.0320	-0.0006	0.0120	0.0027	0.0088
6/30/2010 18:45		0.0003	-0.0123	-0.0057	0.0203	-0.0303	-0.0001	0.0124	0.0027	0.0091
6/30/2010 19:00		0.0005	-0.0111	-0.0050	0.0201	-0.0291	0.0002	0.0128	0.0020	0.0090
6/30/2010 19:15		0.0014	-0.0110	-0.0045	0.0187	-0.0273	0.0001	0.0128	0.0020	0.0091
6/30/2010 19:30		0.0020	-0.0098	-0.0036	0.0181	-0.0261	0.0002	0.0128	0.0020	0.0090
6/30/2010 19:45		0.0031	-0.0094	-0.0028	0.0171	-0.0238	0.0006	0.0132	0.0020	0.0093
6/30/2010 20:00		0.0040	-0.0085	-0.0019	0.0155	-0.0208	0.0008	0.0132	0.0020	0.0093
6/30/2010 20:15		0.0046	-0.0073	-0.0010	0.0143	-0.0185	0.0011	0.0132	0.0020	0.0093
6/30/2010 20:30		0.0056	-0.0065	-0.0001	0.0129	-0.0155	0.0014	0.0132	0.0027	0.0096
6/30/2010 20:45		0.0064	-0.0060	0.0005	0.0117	-0.0137	0.0014	0.0132	0.0020	0.0093
6/30/2010 21:00		0.0067	-0.0052	0.0011	0.0108	-0.0108	0.0021	0.0132	0.0020	0.0093
6/30/2010 21:15		0.0075	-0.0048	0.0017	0.0096	-0.0084	0.0023	0.0132	0.0012	0.0090
6/30/2010 21:30		0.0080	-0.0040	0.0023	0.0080	-0.0055	0.0026	0.0128	0.0020	0.0090
6/30/2010 21:45		0.0087	-0.0040	0.0027	0.0068	-0.0037	0.0026	0.0132	0.0012	0.0090
6/30/2010 22:00		0.0090	-0.0032	0.0033	0.0055	-0.0013	0.0028	0.0132	0.0012	0.0090
6/30/2010 22:15		0.0096	-0.0028	0.0038	0.0049	0.0005	0.0031	0.0132	0.0012	0.0090
6/30/2010 22:30		0.0098	-0.0024	0.0040	0.0038	0.0028	0.0034	0.0128	0.0012	0.0088
6/30/2010 22:45		0.0099	-0.0024	0.0041	0.0022	0.0052	0.0034	0.0132	0.0004	0.0088
6/30/2010 23:00		0.0100	-0.0020	0.0043	0.0018	0.0064	0.0037	0.0128	0.0012	0.0088
6/30/2010 23:15		0.0102	-0.0024	0.0042	0.0006	0.0076	0.0034	0.0128	0.0004	0.0085
6/30/2010 23:30		0.0102	-0.0024	0.0042	-0.0002	0.0093	0.0037	0.0124	0.0012	0.0085
6/30/2010 23:45		0.0102	-0.0028	0.0040	-0.0008	0.0099	0.0035	0.0124	0.0004	0.0082

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
7/1/2010 0:00		0.0103	-0.0028	0.0041	-0.0012	0.0111	0.0038	0.0120	0.0004	0.0080
7/1/2010 0:15		0.0095	-0.0029	0.0036	-0.0010	0.0105	0.0036	0.0120	0.0004	0.0080
7/1/2010 0:30		0.0090	-0.0033	0.0032	-0.0013	0.0111	0.0037	0.0120	0.0004	0.0080
7/1/2010 0:45		0.0087	-0.0037	0.0028	-0.0013	0.0105	0.0035	0.0112	0.0004	0.0074
7/1/2010 1:00		0.0080	-0.0045	0.0021	-0.0013	0.0100	0.0033	0.0112	-0.0003	0.0072
7/1/2010 1:15		0.0074	-0.0050	0.0015	-0.0013	0.0094	0.0030	0.0108	0.0004	0.0072
7/1/2010 1:30		0.0064	-0.0054	0.0008	-0.0009	0.0076	0.0026	0.0108	0.0004	0.0072
7/1/2010 1:45		0.0059	-0.0062	0.0002	-0.0003	0.0064	0.0024	0.0108	0.0004	0.0072
7/1/2010 2:00		0.0054	-0.0067	-0.0003	0.0001	0.0058	0.0024	0.0108	0.0004	0.0072
7/1/2010 2:15		0.0045	-0.0067	-0.0008	0.0007	0.0041	0.0020	0.0108	0.0004	0.0072
7/1/2010 2:30		0.0040	-0.0075	-0.0015	0.0013	0.0023	0.0017	0.0108	0.0004	0.0072
7/1/2010 2:45		0.0036	-0.0079	-0.0019	0.0021	0.0011	0.0017	0.0108	0.0004	0.0072
7/1/2010 3:00		0.0032	-0.0083	-0.0022	0.0029	-0.0001	0.0017	0.0104	0.0012	0.0072
7/1/2010 3:15		0.0028	-0.0088	-0.0026	0.0037	-0.0018	0.0015	0.0108	0.0012	0.0074
7/1/2010 3:30		0.0024	-0.0088	-0.0029	0.0041	-0.0024	0.0015	0.0108	0.0012	0.0074
7/1/2010 3:45		0.0020	-0.0092	-0.0033	0.0047	-0.0036	0.0013	0.0108	0.0012	0.0074
7/1/2010 4:00		0.0014	-0.0096	-0.0038	0.0055	-0.0048	0.0013	0.0108	0.0004	0.0072
7/1/2010 4:15		0.0011	-0.0104	-0.0044	0.0063	-0.0065	0.0011	0.0108	0.0004	0.0072
7/1/2010 4:30		0.0004	-0.0109	-0.0049	0.0076	-0.0083	0.0012	0.0104	0.0011	0.0072
7/1/2010 4:45		-0.0001	-0.0105	-0.0050	0.0084	-0.0101	0.0010	0.0108	0.0011	0.0074
7/1/2010 5:00		-0.0001	-0.0109	-0.0052	0.0094	-0.0112	0.0011	0.0112	0.0011	0.0077
7/1/2010 5:15		-0.0003	-0.0101	-0.0049	0.0104	-0.0118	0.0014	0.0108	0.0019	0.0077
7/1/2010 5:30		-0.0006	-0.0101	-0.0051	0.0106	-0.0124	0.0013	0.0112	0.0019	0.0079
7/1/2010 5:45		-0.0007	-0.0105	-0.0053	0.0112	-0.0130	0.0014	0.0108	0.0011	0.0074
7/1/2010 6:00		-0.0010	-0.0105	-0.0055	0.0116	-0.0142	0.0012	0.0112	0.0019	0.0079
7/1/2010 6:15		-0.0008	-0.0105	-0.0054	0.0125	-0.0147	0.0015	0.0116	0.0011	0.0079
7/1/2010 6:30		-0.0006	-0.0105	-0.0053	0.0129	-0.0159	0.0013	0.0116	0.0011	0.0079
7/1/2010 6:45		-0.0003	-0.0097	-0.0048	0.0133	-0.0153	0.0017	0.0120	0.0011	0.0082
7/1/2010 7:00		0.0000	-0.0097	-0.0046	0.0139	-0.0153	0.0021	0.0120	0.0019	0.0084
7/1/2010 7:15		0.0001	-0.0093	-0.0044	0.0139	-0.0147	0.0023	0.0120	0.0011	0.0082
7/1/2010 7:30		0.0002	-0.0089	-0.0041	0.0137	-0.0141	0.0024	0.0120	0.0011	0.0082
7/1/2010 7:45		0.0006	-0.0089	-0.0039	0.0134	-0.0135	0.0025	0.0120	0.0011	0.0082
7/1/2010 8:00		0.0006	-0.0085	-0.0037	0.0134	-0.0129	0.0028	0.0115	0.0018	0.0082
7/1/2010 8:15		0.0012	-0.0081	-0.0032	0.0134	-0.0124	0.0030	0.0124	0.0018	0.0087

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
7/1/2010 8:30		0.0016	-0.0077	-0.0028	0.0130	-0.0112	0.0032	0.0124	0.0018	0.0087
7/1/2010 8:45		0.0019	-0.0072	-0.0024	0.0122	-0.0106	0.0030	0.0124	0.0011	0.0084
7/1/2010 9:00		0.0026	-0.0068	-0.0019	0.0118	-0.0088	0.0035	0.0124	0.0018	0.0087
7/1/2010 9:15		0.0024	-0.0064	-0.0018	0.0110	-0.0076	0.0035	0.0124	0.0011	0.0084
7/1/2010 9:30		0.0030	-0.0064	-0.0015	0.0102	-0.0065	0.0035	0.0120	0.0018	0.0084
7/1/2010 9:45		0.0032	-0.0060	-0.0011	0.0094	-0.0053	0.0035	0.0124	0.0018	0.0087
7/1/2010 10:00		0.0032	-0.0064	-0.0013	0.0085	-0.0041	0.0034	0.0120	0.0011	0.0082
7/1/2010 10:15		0.0033	-0.0064	-0.0013	0.0085	-0.0041	0.0034	0.0120	0.0011	0.0082
7/1/2010 10:30		0.0039	-0.0072	-0.0014	0.0081	-0.0029	0.0036	0.0120	0.0011	0.0082
7/1/2010 10:45		0.0039	-0.0072	-0.0013	0.0073	-0.0029	0.0032	0.0120	0.0004	0.0079
7/1/2010 11:00		0.0038	-0.0072	-0.0014	0.0075	-0.0023	0.0035	0.0116	0.0011	0.0079
7/1/2010 11:15		0.0036	-0.0072	-0.0015	0.0067	-0.0012	0.0035	0.0116	0.0011	0.0079
7/1/2010 11:30		0.0036	-0.0076	-0.0017	0.0065	-0.0012	0.0034	0.0116	0.0011	0.0079
7/1/2010 11:45		0.0032	-0.0076	-0.0019	0.0069	-0.0024	0.0032	0.0116	0.0004	0.0077
7/1/2010 12:00		0.0026	-0.0080	-0.0024	0.0065	-0.0024	0.0029	0.0112	0.0011	0.0077
7/1/2010 12:15		0.0026	-0.0088	-0.0028	0.0064	-0.0030	0.0026	0.0112	0.0011	0.0077
7/1/2010 12:30		0.0019	-0.0093	-0.0034	0.0069	-0.0047	0.0022	0.0104	0.0011	0.0071
7/1/2010 12:45		0.0016	-0.0097	-0.0038	0.0072	-0.0059	0.0019	0.0104	0.0011	0.0071
7/1/2010 13:00		0.0011	-0.0101	-0.0042	0.0073	-0.0065	0.0017	0.0108	0.0011	0.0074
7/1/2010 13:15		0.0007	-0.0105	-0.0046	0.0074	-0.0077	0.0013	0.0104	0.0011	0.0071
7/1/2010 13:30		0.0003	-0.0109	-0.0050	0.0080	-0.0095	0.0009	0.0108	0.0004	0.0071
7/1/2010 13:45		-0.0002	-0.0109	-0.0052	0.0082	-0.0101	0.0008	0.0108	0.0011	0.0074
7/1/2010 14:00		-0.0006	-0.0117	-0.0059	0.0086	-0.0118	0.0003	0.0108	0.0011	0.0074
7/1/2010 14:15		-0.0008	-0.0126	-0.0063	0.0092	-0.0136	0.0000	0.0100	0.0011	0.0069
7/1/2010 14:30		-0.0013	-0.0130	-0.0068	0.0102	-0.0160	-0.0004	0.0104	0.0011	0.0071
7/1/2010 14:45		-0.0017	-0.0138	-0.0074	0.0104	-0.0171	-0.0007	0.0100	0.0019	0.0072
7/1/2010 15:00		-0.0021	-0.0138	-0.0077	0.0111	-0.0195	-0.0013	0.0104	0.0012	0.0072
7/1/2010 15:15		-0.0025	-0.0142	-0.0081	0.0116	-0.0207	-0.0014	0.0104	0.0019	0.0074
7/1/2010 15:30		-0.0030	-0.0142	-0.0083	0.0123	-0.0225	-0.0018	0.0104	0.0019	0.0074
7/1/2010 15:45		-0.0030	-0.0142	-0.0083	0.0136	-0.0236	-0.0014	0.0104	0.0019	0.0074
7/1/2010 16:00		-0.0033	-0.0151	-0.0089	0.0151	-0.0254	-0.0013	0.0104	0.0012	0.0072
7/1/2010 16:15		-0.0040	-0.0155	-0.0094	0.0163	-0.0272	-0.0013	0.0104	0.0012	0.0072
7/1/2010 16:30		-0.0044	-0.0163	-0.0100	0.0175	-0.0295	-0.0015	0.0104	0.0012	0.0072
7/1/2010 16:45		-0.0047	-0.0167	-0.0104	0.0191	-0.0319	-0.0015	0.0104	0.0019	0.0074

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
7/1/2010 17:00		-0.0050	-0.0167	-0.0105	0.0199	-0.0331	-0.0015	0.0108	0.0019	0.0077
7/1/2010 17:15		-0.0053	-0.0171	-0.0109	0.0209	-0.0349	-0.0016	0.0108	0.0019	0.0077
7/1/2010 17:30		-0.0053	-0.0175	-0.0111	0.0221	-0.0360	-0.0014	0.0108	0.0019	0.0077
7/1/2010 17:45		-0.0053	-0.0171	-0.0109	0.0233	-0.0378	-0.0014	0.0112	0.0019	0.0079
7/1/2010 18:00		-0.0056	-0.0171	-0.0111	0.0241	-0.0384	-0.0012	0.0108	0.0027	0.0079
7/1/2010 18:15		-0.0055	-0.0171	-0.0110	0.0249	-0.0396	-0.0012	0.0112	0.0019	0.0079
7/1/2010 18:30		-0.0053	-0.0171	-0.0109	0.0257	-0.0408	-0.0012	0.0112	0.0027	0.0082
7/1/2010 18:45		-0.0052	-0.0171	-0.0108	0.0261	-0.0414	-0.0012	0.0112	0.0019	0.0079
7/1/2010 19:00		-0.0053	-0.0171	-0.0109	0.0271	-0.0425	-0.0011	0.0116	0.0019	0.0082
7/1/2010 19:15		-0.0052	-0.0163	-0.0104	0.0271	-0.0413	-0.0006	0.0120	0.0027	0.0087
7/1/2010 19:30		-0.0046	-0.0155	-0.0097	0.0275	-0.0413	-0.0003	0.0120	0.0027	0.0087
7/1/2010 19:45		-0.0041	-0.0146	-0.0091	0.0279	-0.0408	0.0001	0.0124	0.0027	0.0090
7/1/2010 20:00		-0.0037	-0.0142	-0.0087	0.0275	-0.0396	0.0004	0.0124	0.0019	0.0087
7/1/2010 20:15		-0.0032	-0.0142	-0.0084	0.0271	-0.0384	0.0006	0.0124	0.0019	0.0087
7/1/2010 20:30		-0.0028	-0.0134	-0.0078	0.0271	-0.0384	0.0006	0.0124	0.0019	0.0087
7/1/2010 20:45		-0.0019	-0.0130	-0.0071	0.0263	-0.0366	0.0008	0.0124	0.0027	0.0090
7/1/2010 21:00		-0.0012	-0.0121	-0.0063	0.0255	-0.0349	0.0011	0.0128	0.0019	0.0090
7/1/2010 21:15		-0.0004	-0.0113	-0.0056	0.0249	-0.0331	0.0014	0.0124	0.0026	0.0090
7/1/2010 21:30		0.0004	-0.0105	-0.0047	0.0237	-0.0307	0.0017	0.0128	0.0019	0.0090
7/1/2010 21:45		0.0006	-0.0101	-0.0044	0.0226	-0.0289	0.0018	0.0124	0.0026	0.0090
7/1/2010 22:00		0.0013	-0.0097	-0.0039	0.0220	-0.0277	0.0019	0.0124	0.0019	0.0087
7/1/2010 22:15		0.0016	-0.0088	-0.0033	0.0208	-0.0260	0.0019	0.0124	0.0019	0.0087
7/1/2010 22:30		0.0022	-0.0089	-0.0030	0.0206	-0.0248	0.0022	0.0124	0.0019	0.0087
7/1/2010 22:45		0.0026	-0.0088	-0.0028	0.0196	-0.0236	0.0021	0.0124	0.0011	0.0085
7/1/2010 23:00		0.0028	-0.0084	-0.0025	0.0189	-0.0218	0.0025	0.0124	0.0011	0.0084
7/1/2010 23:15		0.0030	-0.0084	-0.0024	0.0181	-0.0206	0.0025	0.0120	0.0019	0.0084
7/1/2010 23:30		0.0033	-0.0084	-0.0022	0.0173	-0.0195	0.0025	0.0120	0.0019	0.0084
7/1/2010 23:45		0.0035	-0.0084	-0.0021	0.0173	-0.0189	0.0027	0.0120	0.0011	0.0082
7/2/2010 0:00		0.0034	-0.0084	-0.0022	0.0165	-0.0183	0.0025	0.0120	0.0011	0.0082
7/2/2010 0:15		0.0032	-0.0085	-0.0023	0.0167	-0.0177	0.0028	0.0116	0.0011	0.0079
7/2/2010 0:30		0.0032	-0.0084	-0.0023	0.0161	-0.0177	0.0025	0.0116	0.0011	0.0079
7/2/2010 0:45		0.0031	-0.0093	-0.0028	0.0157	-0.0177	0.0022	0.0116	0.0004	0.0077
7/2/2010 1:00		0.0027	-0.0089	-0.0028	0.0159	-0.0177	0.0023	0.0112	0.0011	0.0077
7/2/2010 1:15		0.0026	-0.0097	-0.0032	0.0159	-0.0183	0.0021	0.0116	0.0004	0.0077

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
7/2/2010 1:30		0.0021	-0.0097	-0.0035	0.0161	-0.0189	0.0019	0.0112	0.0011	0.0076
7/2/2010 1:45		0.0019	-0.0097	-0.0036	0.0165	-0.0194	0.0019	0.0112	0.0011	0.0076
7/2/2010 2:00		0.0014	-0.0102	-0.0040	0.0169	-0.0200	0.0019	0.0112	0.0004	0.0074
7/2/2010 2:15		0.0010	-0.0106	-0.0045	0.0170	-0.0212	0.0016	0.0107	0.0011	0.0074
7/2/2010 2:30		0.0007	-0.0106	-0.0046	0.0174	-0.0218	0.0016	0.0111	0.0003	0.0074
7/2/2010 2:45		0.0005	-0.0110	-0.0050	0.0178	-0.0230	0.0013	0.0107	0.0011	0.0074
7/2/2010 3:00		0.0002	-0.0119	-0.0055	0.0188	-0.0241	0.0014	0.0107	0.0011	0.0074
7/2/2010 3:15		-0.0004	-0.0123	-0.0060	0.0192	-0.0259	0.0010	0.0107	0.0011	0.0074
7/2/2010 3:30		-0.0010	-0.0127	-0.0065	0.0196	-0.0271	0.0007	0.0107	0.0011	0.0074
7/2/2010 3:45		-0.0015	-0.0131	-0.0070	0.0206	-0.0288	0.0006	0.0103	0.0011	0.0071
7/2/2010 4:00		-0.0018	-0.0131	-0.0071	0.0212	-0.0300	0.0005	0.0107	0.0011	0.0074
7/2/2010 4:15		-0.0020	-0.0131	-0.0073	0.0220	-0.0312	0.0005	0.0107	0.0011	0.0074
7/2/2010 4:30		-0.0022	-0.0136	-0.0076	0.0230	-0.0324	0.0006	0.0107	0.0018	0.0076
7/2/2010 4:45		-0.0025	-0.0136	-0.0077	0.0238	-0.0336	0.0006	0.0107	0.0011	0.0074
7/2/2010 5:00		-0.0028	-0.0140	-0.0081	0.0246	-0.0347	0.0006	0.0111	0.0011	0.0076
7/2/2010 5:15		-0.0030	-0.0144	-0.0084	0.0250	-0.0359	0.0003	0.0107	0.0011	0.0074
7/2/2010 5:30		-0.0032	-0.0144	-0.0085	0.0254	-0.0359	0.0006	0.0107	0.0018	0.0076
7/2/2010 5:45		-0.0034	-0.0144	-0.0086	0.0256	-0.0371	0.0002	0.0111	0.0011	0.0076
7/2/2010 6:00		-0.0034	-0.0140	-0.0084	0.0267	-0.0377	0.0007	0.0111	0.0011	0.0076
7/2/2010 6:15		-0.0030	-0.0140	-0.0082	0.0274	-0.0383	0.0008	0.0115	0.0018	0.0082
7/2/2010 6:30		-0.0031	-0.0136	-0.0081	0.0276	-0.0377	0.0012	0.0115	0.0018	0.0082
7/2/2010 6:45		-0.0029	-0.0127	-0.0076	0.0280	-0.0383	0.0012	0.0115	0.0018	0.0082
7/2/2010 7:00		-0.0026	-0.0132	-0.0076	0.0281	-0.0377	0.0015	0.0119	0.0011	0.0081
7/2/2010 7:15		-0.0022	-0.0128	-0.0072	0.0281	-0.0371	0.0017	0.0119	0.0011	0.0081
7/2/2010 7:30		-0.0018	-0.0124	-0.0068	0.0277	-0.0365	0.0017	0.0123	0.0011	0.0084
7/2/2010 7:45		-0.0018	-0.0119	-0.0066	0.0277	-0.0359	0.0020	0.0119	0.0011	0.0081
7/2/2010 8:00		-0.0010	-0.0111	-0.0058	0.0275	-0.0341	0.0026	0.0123	0.0011	0.0084
7/2/2010 8:15		-0.0006	-0.0107	-0.0054	0.0265	-0.0330	0.0025	0.0123	0.0011	0.0084
7/2/2010 8:30		-0.0005	-0.0103	-0.0051	0.0259	-0.0318	0.0026	0.0123	0.0011	0.0084
7/2/2010 8:45		0.0004	-0.0098	-0.0044	0.0253	-0.0306	0.0027	0.0123	0.0011	0.0084
7/2/2010 9:00		0.0006	-0.0099	-0.0043	0.0247	-0.0294	0.0028	0.0123	0.0011	0.0084
7/2/2010 9:15		0.0010	-0.0094	-0.0039	0.0235	-0.0282	0.0026	0.0123	0.0011	0.0084
7/2/2010 9:30		0.0014	-0.0090	-0.0035	0.0229	-0.0265	0.0029	0.0123	0.0018	0.0087
7/2/2010 9:45		0.0020	-0.0082	-0.0028	0.0221	-0.0247	0.0032	0.0127	0.0011	0.0087

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
7/2/2010 10:00		0.0026	-0.0078	-0.0023	0.0211	-0.0229	0.0033	0.0131	0.0011	0.0089
7/2/2010 10:15		0.0034	-0.0074	-0.0017	0.0203	-0.0211	0.0035	0.0127	0.0011	0.0087
7/2/2010 10:30		0.0041	-0.0074	-0.0013	0.0195	-0.0194	0.0038	0.0127	0.0011	0.0087
7/2/2010 10:45		0.0042	-0.0069	-0.0011	0.0183	-0.0176	0.0038	0.0123	0.0011	0.0084
7/2/2010 11:00		0.0043	-0.0069	-0.0010	0.0175	-0.0164	0.0038	0.0119	0.0011	0.0081
7/2/2010 11:15		0.0045	-0.0077	-0.0013	0.0165	-0.0158	0.0034	0.0119	0.0003	0.0079
7/2/2010 11:30		0.0047	-0.0077	-0.0012	0.0163	-0.0153	0.0035	0.0115	0.0011	0.0079
7/2/2010 11:45		0.0045	-0.0073	-0.0011	0.0157	-0.0147	0.0034	0.0119	0.0003	0.0079
7/2/2010 12:00		0.0044	-0.0077	-0.0013	0.0157	-0.0141	0.0036	0.0115	0.0003	0.0076
7/2/2010 12:15		0.0042	-0.0077	-0.0015	0.0153	-0.0141	0.0034	0.0115	0.0003	0.0076
7/2/2010 12:30		0.0044	-0.0081	-0.0015	0.0151	-0.0141	0.0033	0.0115	0.0011	0.0079
7/2/2010 12:45		0.0040	-0.0086	-0.0020	0.0151	-0.0141	0.0033	0.0115	0.0003	0.0076
7/2/2010 13:00		0.0034	-0.0090	-0.0024	0.0150	-0.0147	0.0030	0.0111	0.0003	0.0074
7/2/2010 13:15		0.0033	-0.0094	-0.0027	0.0146	-0.0147	0.0027	0.0115	0.0003	0.0076
7/2/2010 13:30		0.0030	-0.0102	-0.0032	0.0148	-0.0159	0.0024	0.0107	0.0003	0.0071
7/2/2010 13:45		0.0025	-0.0106	-0.0037	0.0148	-0.0165	0.0021	0.0107	0.0011	0.0074
7/2/2010 14:00		0.0022	-0.0110	-0.0040	0.0150	-0.0177	0.0018	0.0107	0.0003	0.0071
7/2/2010 14:15		0.0019	-0.0114	-0.0044	0.0150	-0.0183	0.0016	0.0107	0.0003	0.0071
7/2/2010 14:30		0.0014	-0.0118	-0.0049	0.0153	-0.0200	0.0010	0.0107	0.0004	0.0071
7/2/2010 14:45		0.0008	-0.0122	-0.0054	0.0157	-0.0218	0.0005	0.0103	0.0011	0.0071
7/2/2010 15:00		0.0006	-0.0126	-0.0057	0.0163	-0.0230	0.0004	0.0108	0.0004	0.0071
7/2/2010 15:15		0.0000	-0.0131	-0.0062	0.0163	-0.0242	-0.0001	0.0104	0.0011	0.0071
7/2/2010 15:30		-0.0005	-0.0139	-0.0068	0.0171	-0.0259	-0.0003	0.0104	0.0004	0.0069
7/2/2010 15:45		-0.0004	-0.0139	-0.0068	0.0173	-0.0277	-0.0009	0.0108	0.0011	0.0074
7/2/2010 16:00		-0.0006	-0.0143	-0.0071	0.0181	-0.0289	-0.0009	0.0108	0.0011	0.0074
7/2/2010 16:15		-0.0011	-0.0143	-0.0073	0.0185	-0.0301	-0.0011	0.0108	0.0011	0.0074
7/2/2010 16:30		-0.0010	-0.0151	-0.0077	0.0188	-0.0313	-0.0015	0.0108	0.0011	0.0074
7/2/2010 16:45		-0.0014	-0.0151	-0.0079	0.0196	-0.0331	-0.0017	0.0108	0.0011	0.0074
7/2/2010 17:00		-0.0014	-0.0159	-0.0083	0.0200	-0.0342	-0.0019	0.0108	0.0011	0.0074
7/2/2010 17:15		-0.0019	-0.0163	-0.0087	0.0202	-0.0360	-0.0025	0.0108	0.0011	0.0074
7/2/2010 17:30		-0.0022	-0.0163	-0.0089	0.0210	-0.0372	-0.0025	0.0104	0.0011	0.0071
7/2/2010 17:45		-0.0026	-0.0168	-0.0093	0.0218	-0.0390	-0.0028	0.0108	0.0019	0.0077
7/2/2010 18:00		-0.0028	-0.0163	-0.0092	0.0221	-0.0396	-0.0029	0.0108	0.0019	0.0077
7/2/2010 18:15		-0.0030	-0.0163	-0.0093	0.0234	-0.0407	-0.0025	0.0112	0.0019	0.0079

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
7/2/2010 18:30		-0.0028	-0.0167	-0.0094	0.0237	-0.0413	-0.0026	0.0108	0.0019	0.0077
7/2/2010 18:45		-0.0024	-0.0163	-0.0090	0.0249	-0.0425	-0.0024	0.0112	0.0019	0.0079
7/2/2010 19:00		-0.0024	-0.0163	-0.0090	0.0249	-0.0419	-0.0022	0.0116	0.0019	0.0082
7/2/2010 19:15		-0.0027	-0.0159	-0.0089	0.0257	-0.0419	-0.0017	0.0116	0.0019	0.0082
7/2/2010 19:30		-0.0022	-0.0159	-0.0087	0.0269	-0.0425	-0.0012	0.0116	0.0019	0.0082
7/2/2010 19:45		-0.0017	-0.0155	-0.0082	0.0275	-0.0425	-0.0008	0.0116	0.0027	0.0085
7/2/2010 20:00		-0.0014	-0.0147	-0.0077	0.0281	-0.0413	0.0000	0.0120	0.0026	0.0087
7/2/2010 20:15		-0.0009	-0.0138	-0.0070	0.0279	-0.0402	0.0004	0.0124	0.0019	0.0087
7/2/2010 20:30		-0.0005	-0.0134	-0.0066	0.0277	-0.0384	0.0010	0.0124	0.0019	0.0087
7/2/2010 20:45		0.0003	-0.0126	-0.0058	0.0273	-0.0378	0.0010	0.0124	0.0019	0.0087
7/2/2010 21:00		0.0010	-0.0121	-0.0052	0.0265	-0.0354	0.0014	0.0128	0.0011	0.0087
7/2/2010 21:15		0.0018	-0.0113	-0.0044	0.0257	-0.0337	0.0017	0.0128	0.0019	0.0090
7/2/2010 21:30		0.0025	-0.0105	-0.0036	0.0249	-0.0325	0.0017	0.0124	0.0019	0.0087
7/2/2010 21:45		0.0031	-0.0097	-0.0029	0.0234	-0.0295	0.0020	0.0128	0.0019	0.0090
7/2/2010 22:00		0.0036	-0.0088	-0.0023	0.0228	-0.0277	0.0024	0.0132	0.0011	0.0090
7/2/2010 22:15		0.0046	-0.0084	-0.0015	0.0214	-0.0254	0.0025	0.0128	0.0019	0.0090
7/2/2010 22:30		0.0052	-0.0075	-0.0008	0.0197	-0.0230	0.0024	0.0132	0.0011	0.0090
7/2/2010 22:45		0.0060	-0.0072	-0.0002	0.0192	-0.0207	0.0031	0.0128	0.0019	0.0090
7/2/2010 23:00		0.0067	-0.0071	0.0001	0.0174	-0.0183	0.0030	0.0132	0.0011	0.0090
7/2/2010 23:15		0.0070	-0.0063	0.0007	0.0163	-0.0166	0.0030	0.0128	0.0012	0.0087
7/2/2010 23:30		0.0074	-0.0059	0.0011	0.0154	-0.0142	0.0034	0.0128	0.0011	0.0087
7/2/2010 23:45		0.0081	-0.0059	0.0015	0.0142	-0.0118	0.0037	0.0128	0.0011	0.0087
7/3/2010 0:00		0.0085	-0.0055	0.0019	0.0126	-0.0101	0.0034	0.0124	0.0011	0.0085
7/3/2010 0:15		0.0089	-0.0054	0.0021	0.0116	-0.0083	0.0036	0.0124	0.0011	0.0085
7/3/2010 0:30		0.0089	-0.0051	0.0023	0.0110	-0.0071	0.0037	0.0124	0.0011	0.0085
7/3/2010 0:45		0.0088	-0.0051	0.0023	0.0102	-0.0053	0.0039	0.0124	0.0004	0.0082
7/3/2010 1:00		0.0093	-0.0055	0.0023	0.0094	-0.0047	0.0037	0.0120	0.0004	0.0079
7/3/2010 1:15		0.0092	-0.0055	0.0023	0.0090	-0.0036	0.0039	0.0120	0.0011	0.0082
7/3/2010 1:30		0.0090	-0.0051	0.0023	0.0082	-0.0024	0.0039	0.0120	0.0004	0.0079
7/3/2010 1:45		0.0090	-0.0055	0.0022	0.0078	-0.0018	0.0039	0.0120	0.0004	0.0079
7/3/2010 2:00		0.0087	-0.0055	0.0020	0.0074	-0.0012	0.0039	0.0116	0.0004	0.0077
7/3/2010 2:15		0.0085	-0.0059	0.0017	0.0070	-0.0012	0.0037	0.0116	-0.0004	0.0074
7/3/2010 2:30		0.0083	-0.0063	0.0014	0.0070	-0.0012	0.0037	0.0116	0.0004	0.0077
7/3/2010 2:45		0.0079	-0.0067	0.0010	0.0070	-0.0018	0.0034	0.0112	0.0004	0.0074

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
7/3/2010 3:00		0.0078	-0.0067	0.0009	0.0070	-0.0018	0.0034	0.0116	-0.0004	0.0074
7/3/2010 3:15		0.0071	-0.0067	0.0006	0.0070	-0.0018	0.0034	0.0116	0.0004	0.0077
7/3/2010 3:30		0.0070	-0.0071	0.0003	0.0070	-0.0024	0.0032	0.0112	0.0004	0.0074
7/3/2010 3:45		0.0069	-0.0076	0.0000	0.0070	-0.0024	0.0032	0.0116	0.0004	0.0077
7/3/2010 4:00		0.0064	-0.0076	-0.0002	0.0070	-0.0036	0.0027	0.0112	0.0004	0.0074
7/3/2010 4:15		0.0062	-0.0080	-0.0005	0.0074	-0.0042	0.0027	0.0112	0.0004	0.0074
7/3/2010 4:30		0.0056	-0.0080	-0.0008	0.0080	-0.0047	0.0028	0.0112	0.0004	0.0074
7/3/2010 4:45		0.0052	-0.0084	-0.0012	0.0084	-0.0053	0.0028	0.0112	-0.0004	0.0071
7/3/2010 5:00		0.0051	-0.0088	-0.0015	0.0084	-0.0059	0.0026	0.0112	0.0004	0.0074
7/3/2010 5:15		0.0046	-0.0084	-0.0016	0.0088	-0.0065	0.0026	0.0112	0.0004	0.0074
7/3/2010 5:30		0.0045	-0.0084	-0.0016	0.0093	-0.0071	0.0027	0.0116	0.0004	0.0077
7/3/2010 5:45		0.0047	-0.0089	-0.0017	0.0097	-0.0071	0.0029	0.0116	0.0004	0.0077
7/3/2010 6:00		0.0045	-0.0085	-0.0016	0.0099	-0.0071	0.0030	0.0116	0.0011	0.0079
7/3/2010 6:15		0.0044	-0.0080	-0.0015	0.0099	-0.0065	0.0033	0.0116	0.0004	0.0077
7/3/2010 6:30		0.0043	-0.0080	-0.0015	0.0099	-0.0071	0.0030	0.0116	0.0011	0.0079
7/3/2010 6:45		0.0043	-0.0080	-0.0016	0.0103	-0.0077	0.0030	0.0116	0.0004	0.0077
7/3/2010 7:00		0.0042	-0.0080	-0.0016	0.0099	-0.0071	0.0030	0.0116	0.0004	0.0077
7/3/2010 7:15		0.0041	-0.0081	-0.0016	0.0101	-0.0071	0.0031	0.0112	0.0011	0.0076
7/3/2010 7:30		0.0040	-0.0076	-0.0015	0.0101	-0.0071	0.0031	0.0116	0.0011	0.0079
7/3/2010 7:45		0.0043	-0.0072	-0.0012	0.0101	-0.0059	0.0036	0.0120	0.0011	0.0082
7/3/2010 8:00		0.0049	-0.0068	-0.0006	0.0105	-0.0059	0.0039	0.0124	0.0004	0.0082
7/3/2010 8:15		0.0051	-0.0064	-0.0004	0.0098	-0.0041	0.0042	0.0124	0.0003	0.0082
7/3/2010 8:30		0.0056	-0.0064	-0.0001	0.0094	-0.0035	0.0042	0.0124	0.0003	0.0082
7/3/2010 8:45		0.0059	-0.0060	0.0003	0.0085	-0.0023	0.0041	0.0124	0.0004	0.0082
7/3/2010 9:00		0.0060	-0.0064	0.0001	0.0077	-0.0012	0.0041	0.0124	0.0004	0.0082
7/3/2010 9:15		0.0062	-0.0060	0.0004	0.0073	-0.0006	0.0041	0.0120	0.0004	0.0079
7/3/2010 9:30		0.0065	-0.0059	0.0006	0.0067	0.0006	0.0042	0.0124	0.0004	0.0082
7/3/2010 9:45		0.0067	-0.0055	0.0009	0.0061	0.0018	0.0044	0.0124	0.0011	0.0084
7/3/2010 10:00		0.0073	-0.0051	0.0014	0.0057	0.0029	0.0046	0.0128	0.0004	0.0084
7/3/2010 10:15		0.0079	-0.0047	0.0020	0.0044	0.0047	0.0045	0.0124	0.0004	0.0082
7/3/2010 10:30		0.0082	-0.0042	0.0023	0.0036	0.0059	0.0045	0.0124	0.0004	0.0082
7/3/2010 10:45		0.0086	-0.0047	0.0023	0.0032	0.0065	0.0045	0.0124	0.0004	0.0082
7/3/2010 11:00		0.0086	-0.0042	0.0025	0.0022	0.0076	0.0044	0.0120	0.0004	0.0079
7/3/2010 11:15		0.0088	-0.0042	0.0026	0.0018	0.0088	0.0046	0.0120	0.0004	0.0079

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
7/3/2010 11:30		0.0089	-0.0042	0.0027	0.0012	0.0094	0.0045	0.0120	0.0004	0.0079
7/3/2010 11:45		0.0086	-0.0042	0.0026	0.0008	0.0100	0.0045	0.0120	0.0004	0.0079
7/3/2010 12:00		0.0089	-0.0042	0.0027	-0.0001	0.0112	0.0044	0.0120	0.0004	0.0079
7/3/2010 12:15		0.0090	-0.0046	0.0026	-0.0004	0.0118	0.0045	0.0120	-0.0004	0.0077
7/3/2010 12:30		0.0089	-0.0046	0.0025	-0.0011	0.0123	0.0043	0.0120	0.0004	0.0079
7/3/2010 12:45		0.0091	-0.0054	0.0022	-0.0011	0.0123	0.0043	0.0116	0.0004	0.0077
7/3/2010 13:00		0.0087	-0.0058	0.0018	-0.0013	0.0117	0.0040	0.0112	0.0004	0.0074
7/3/2010 13:15		0.0081	-0.0062	0.0013	-0.0013	0.0111	0.0037	0.0112	-0.0003	0.0072
7/3/2010 13:30		0.0080	-0.0066	0.0011	-0.0018	0.0111	0.0034	0.0112	-0.0003	0.0072
7/3/2010 13:45		0.0075	-0.0071	0.0006	-0.0013	0.0100	0.0033	0.0108	-0.0003	0.0069
7/3/2010 14:00		0.0070	-0.0075	0.0002	-0.0010	0.0094	0.0032	0.0108	0.0004	0.0072
7/3/2010 14:15		0.0071	-0.0078	0.0001	-0.0014	0.0082	0.0025	0.0112	-0.0003	0.0072
7/3/2010 14:30		0.0063	-0.0083	-0.0006	-0.0010	0.0070	0.0022	0.0108	-0.0003	0.0069
7/3/2010 14:45		0.0059	-0.0087	-0.0010	-0.0006	0.0064	0.0022	0.0108	0.0004	0.0072
7/3/2010 15:00		0.0051	-0.0091	-0.0016	-0.0002	0.0046	0.0018	0.0108	-0.0003	0.0069
7/3/2010 15:15		0.0046	-0.0095	-0.0021	-0.0001	0.0028	0.0011	0.0104	0.0005	0.0069
7/3/2010 15:30		0.0042	-0.0099	-0.0025	-0.0001	0.0016	0.0006	0.0108	0.0005	0.0072
7/3/2010 15:45		0.0037	-0.0103	-0.0029	0.0003	-0.0001	0.0001	0.0104	0.0005	0.0069
7/3/2010 16:00		0.0033	-0.0107	-0.0033	0.0008	-0.0013	-0.0001	0.0108	0.0005	0.0072
7/3/2010 16:15		0.0028	-0.0115	-0.0040	0.0013	-0.0037	-0.0007	0.0104	0.0005	0.0069
7/3/2010 16:30		0.0022	-0.0120	-0.0045	0.0017	-0.0049	-0.0009	0.0104	0.0005	0.0069
7/3/2010 16:45		0.0021	-0.0128	-0.0049	0.0020	-0.0066	-0.0015	0.0104	0.0005	0.0069
7/3/2010 17:00		0.0015	-0.0132	-0.0054	0.0026	-0.0090	-0.0021	0.0104	0.0005	0.0069
7/3/2010 17:15		0.0009	-0.0132	-0.0057	0.0030	-0.0102	-0.0023	0.0104	0.0005	0.0069
7/3/2010 17:30		0.0004	-0.0132	-0.0060	0.0034	-0.0120	-0.0028	0.0104	0.0012	0.0072
7/3/2010 17:45		0.0002	-0.0140	-0.0065	0.0046	-0.0137	-0.0028	0.0108	0.0005	0.0072
7/3/2010 18:00		-0.0002	-0.0144	-0.0069	0.0049	-0.0155	-0.0034	0.0104	0.0012	0.0072
7/3/2010 18:15		-0.0007	-0.0144	-0.0072	0.0057	-0.0173	-0.0036	0.0108	0.0005	0.0072
7/3/2010 18:30		-0.0010	-0.0148	-0.0075	0.0073	-0.0185	-0.0031	0.0108	0.0012	0.0075
7/3/2010 18:45		-0.0016	-0.0148	-0.0078	0.0094	-0.0202	-0.0026	0.0104	0.0012	0.0072
7/3/2010 19:00		-0.0017	-0.0148	-0.0079	0.0106	-0.0214	-0.0023	0.0108	0.0012	0.0075
7/3/2010 19:15		-0.0018	-0.0148	-0.0079	0.0113	-0.0226	-0.0024	0.0112	0.0012	0.0077
7/3/2010 19:30		-0.0019	-0.0148	-0.0080	0.0129	-0.0238	-0.0019	0.0112	0.0012	0.0077
7/3/2010 19:45		-0.0016	-0.0144	-0.0076	0.0133	-0.0244	-0.0019	0.0116	0.0012	0.0080

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
7/3/2010 20:00		-0.0013	-0.0144	-0.0075	0.0137	-0.0250	-0.0019	0.0116	0.0012	0.0080
7/3/2010 20:15		-0.0010	-0.0140	-0.0071	0.0141	-0.0250	-0.0017	0.0116	0.0020	0.0083
7/3/2010 20:30		-0.0005	-0.0136	-0.0067	0.0145	-0.0244	-0.0012	0.0120	0.0020	0.0085
7/3/2010 20:45		-0.0003	-0.0127	-0.0062	0.0145	-0.0238	-0.0010	0.0120	0.0020	0.0085
7/3/2010 21:00		0.0003	-0.0123	-0.0057	0.0145	-0.0226	-0.0005	0.0120	0.0020	0.0085
7/3/2010 21:15		0.0009	-0.0115	-0.0049	0.0149	-0.0220	0.0000	0.0120	0.0020	0.0085
7/3/2010 21:30		0.0018	-0.0115	-0.0045	0.0145	-0.0208	0.0002	0.0124	0.0020	0.0088
7/3/2010 21:45		0.0024	-0.0107	-0.0038	0.0146	-0.0190	0.0010	0.0124	0.0020	0.0088
7/3/2010 22:00		0.0029	-0.0094	-0.0029	0.0150	-0.0179	0.0017	0.0124	0.0020	0.0088
7/3/2010 22:15		0.0040	-0.0086	-0.0020	0.0126	-0.0149	0.0015	0.0128	0.0020	0.0090
7/3/2010 22:30		0.0046	-0.0077	-0.0012	0.0114	-0.0126	0.0017	0.0128	0.0020	0.0090
7/3/2010 22:45		0.0055	-0.0073	-0.0006	0.0106	-0.0108	0.0020	0.0128	0.0012	0.0088
7/3/2010 23:00		0.0061	-0.0065	0.0002	0.0089	-0.0084	0.0019	0.0128	0.0020	0.0090
7/3/2010 23:15		0.0067	-0.0061	0.0006	0.0078	-0.0061	0.0022	0.0128	0.0012	0.0088
7/3/2010 23:30		0.0075	-0.0061	0.0011	0.0066	-0.0043	0.0022	0.0128	0.0012	0.0088
7/3/2010 23:45		0.0079	-0.0056	0.0015	0.0050	-0.0013	0.0024	0.0128	0.0012	0.0088
7/4/2010 0:00		0.0084	-0.0052	0.0019	0.0044	-0.0002	0.0026	0.0128	0.0012	0.0088
7/4/2010 0:15		0.0083	-0.0048	0.0021	0.0036	0.0022	0.0030	0.0124	0.0012	0.0085
7/4/2010 0:30		0.0088	-0.0044	0.0025	0.0024	0.0040	0.0030	0.0124	0.0005	0.0083
7/4/2010 0:45		0.0088	-0.0044	0.0025	0.0012	0.0052	0.0028	0.0124	0.0005	0.0083
7/4/2010 1:00		0.0092	-0.0048	0.0026	0.0008	0.0063	0.0030	0.0120	0.0012	0.0083
7/4/2010 1:15		0.0092	-0.0048	0.0026	-0.0002	0.0075	0.0029	0.0124	0.0005	0.0083
7/4/2010 1:30		0.0093	-0.0048	0.0026	-0.0010	0.0087	0.0029	0.0120	0.0005	0.0080
7/4/2010 1:45		0.0094	-0.0048	0.0027	-0.0014	0.0093	0.0029	0.0120	0.0005	0.0080
7/4/2010 2:00		0.0094	-0.0052	0.0025	-0.0022	0.0105	0.0029	0.0120	0.0005	0.0080
7/4/2010 2:15		0.0093	-0.0052	0.0024	-0.0026	0.0105	0.0027	0.0120	-0.0003	0.0077
7/4/2010 2:30		0.0090	-0.0061	0.0019	-0.0026	0.0105	0.0027	0.0116	0.0005	0.0077
7/4/2010 2:45		0.0084	-0.0061	0.0016	-0.0026	0.0105	0.0027	0.0116	-0.0003	0.0075
7/4/2010 3:00		0.0083	-0.0060	0.0015	-0.0028	0.0104	0.0026	0.0116	0.0005	0.0077
7/4/2010 3:15		0.0081	-0.0065	0.0012	-0.0028	0.0099	0.0023	0.0116	-0.0003	0.0075
7/4/2010 3:30		0.0081	-0.0065	0.0012	-0.0024	0.0099	0.0026	0.0116	-0.0003	0.0075
7/4/2010 3:45		0.0078	-0.0073	0.0007	-0.0024	0.0093	0.0023	0.0112	0.0005	0.0075
7/4/2010 4:00		0.0074	-0.0077	0.0002	-0.0020	0.0087	0.0023	0.0112	0.0005	0.0075
7/4/2010 4:15		0.0065	-0.0077	-0.0002	-0.0016	0.0075	0.0021	0.0112	-0.0003	0.0072

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
7/4/2010 4:30		0.0060	-0.0077	-0.0005	-0.0012	0.0069	0.0021	0.0112	0.0005	0.0075
7/4/2010 4:45		0.0061	-0.0081	-0.0006	-0.0007	0.0057	0.0019	0.0112	0.0005	0.0075
7/4/2010 5:00		0.0057	-0.0081	-0.0009	-0.0003	0.0051	0.0019	0.0112	0.0005	0.0075
7/4/2010 5:15		0.0056	-0.0086	-0.0011	0.0002	0.0046	0.0020	0.0108	0.0005	0.0072
7/4/2010 5:30		0.0052	-0.0090	-0.0015	0.0006	0.0034	0.0017	0.0112	0.0005	0.0075
7/4/2010 5:45		0.0048	-0.0090	-0.0017	0.0014	0.0028	0.0020	0.0112	0.0005	0.0075
7/4/2010 6:00		0.0043	-0.0090	-0.0020	0.0018	0.0016	0.0017	0.0108	0.0005	0.0072
7/4/2010 6:15		0.0039	-0.0094	-0.0024	0.0022	0.0004	0.0015	0.0112	0.0005	0.0075
7/4/2010 6:30		0.0040	-0.0094	-0.0023	0.0021	0.0004	0.0014	0.0112	0.0012	0.0077
7/4/2010 6:45		0.0036	-0.0098	-0.0027	0.0030	-0.0008	0.0015	0.0112	0.0005	0.0075
7/4/2010 7:00		0.0037	-0.0102	-0.0029	0.0030	-0.0013	0.0013	0.0112	0.0005	0.0075
7/4/2010 7:15		0.0033	-0.0098	-0.0029	0.0038	-0.0019	0.0015	0.0116	0.0005	0.0077
7/4/2010 7:30		0.0033	-0.0103	-0.0031	0.0044	-0.0025	0.0016	0.0116	0.0005	0.0077
7/4/2010 7:45		0.0029	-0.0098	-0.0031	0.0042	-0.0031	0.0013	0.0116	0.0005	0.0077
7/4/2010 8:00		0.0034	-0.0098	-0.0029	0.0046	-0.0031	0.0015	0.0116	0.0012	0.0080
7/4/2010 8:15		0.0034	-0.0094	-0.0026	0.0045	-0.0031	0.0014	0.0120	0.0005	0.0080
7/4/2010 8:30		0.0034	-0.0090	-0.0024	0.0042	-0.0025	0.0015	0.0116	0.0012	0.0080
7/4/2010 8:45		0.0033	-0.0090	-0.0025	0.0042	-0.0025	0.0015	0.0116	0.0005	0.0077
7/4/2010 9:00		0.0036	-0.0090	-0.0023	0.0042	-0.0025	0.0015	0.0116	0.0012	0.0080
7/4/2010 9:15		0.0040	-0.0089	-0.0021	0.0035	-0.0020	0.0013	0.0120	0.0005	0.0080
7/4/2010 9:30		0.0041	-0.0089	-0.0021	0.0035	-0.0014	0.0015	0.0120	0.0005	0.0080
7/4/2010 9:45		0.0044	-0.0089	-0.0019	0.0033	-0.0008	0.0017	0.0120	0.0005	0.0080
7/4/2010 10:00		0.0045	-0.0081	-0.0015	0.0025	-0.0002	0.0014	0.0116	0.0012	0.0080
7/4/2010 10:15		0.0047	-0.0085	-0.0016	0.0025	-0.0002	0.0014	0.0116	0.0005	0.0077
7/4/2010 10:30		0.0051	-0.0081	-0.0011	0.0021	0.0010	0.0017	0.0120	0.0012	0.0083
7/4/2010 10:45		0.0051	-0.0072	-0.0007	0.0017	0.0016	0.0017	0.0120	0.0005	0.0080
7/4/2010 11:00		0.0054	-0.0073	-0.0006	0.0015	0.0022	0.0018	0.0120	0.0005	0.0080
7/4/2010 11:15		0.0060	-0.0072	-0.0003	0.0005	0.0033	0.0017	0.0124	0.0005	0.0083
7/4/2010 11:30		0.0062	-0.0072	-0.0002	0.0001	0.0045	0.0019	0.0120	0.0012	0.0083
7/4/2010 11:45		0.0061	-0.0068	0.0000	-0.0003	0.0051	0.0019	0.0120	0.0005	0.0080
7/4/2010 12:00		0.0063	-0.0068	0.0001	-0.0012	0.0063	0.0018	0.0120	0.0005	0.0080
7/4/2010 12:15		0.0062	-0.0068	0.0001	-0.0012	0.0063	0.0018	0.0116	0.0005	0.0078
7/4/2010 12:30		0.0067	-0.0068	0.0003	-0.0018	0.0069	0.0017	0.0120	0.0005	0.0080
7/4/2010 12:45		0.0067	-0.0068	0.0003	-0.0020	0.0068	0.0016	0.0116	0.0005	0.0078

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
7/4/2010 13:00		0.0065	-0.0072	0.0000	-0.0022	0.0074	0.0017	0.0116	0.0005	0.0078
7/4/2010 13:15		0.0065	-0.0072	0.0000	-0.0026	0.0080	0.0017	0.0116	0.0005	0.0078
7/4/2010 13:30		0.0065	-0.0076	-0.0002	-0.0024	0.0080	0.0018	0.0112	0.0005	0.0075
7/4/2010 13:45		0.0063	-0.0076	-0.0002	-0.0024	0.0074	0.0016	0.0116	0.0005	0.0078
7/4/2010 14:00		0.0060	-0.0076	-0.0004	-0.0021	0.0068	0.0015	0.0116	0.0005	0.0078
7/4/2010 14:15		0.0056	-0.0080	-0.0008	-0.0021	0.0062	0.0013	0.0112	0.0005	0.0075
7/4/2010 14:30		0.0052	-0.0088	-0.0014	-0.0021	0.0057	0.0010	0.0112	-0.0002	0.0072
7/4/2010 14:45		0.0047	-0.0092	-0.0019	-0.0015	0.0045	0.0009	0.0108	0.0005	0.0073
7/4/2010 15:00		0.0046	-0.0101	-0.0023	-0.0009	0.0033	0.0008	0.0108	0.0005	0.0073
7/4/2010 15:15		0.0040	-0.0101	-0.0027	-0.0005	0.0021	0.0006	0.0108	0.0005	0.0073
7/4/2010 15:30		0.0037	-0.0109	-0.0032	0.0002	0.0009	0.0005	0.0109	0.0005	0.0073
7/4/2010 15:45		0.0030	-0.0109	-0.0035	0.0014	-0.0009	0.0005	0.0105	0.0013	0.0073
7/4/2010 16:00		0.0025	-0.0113	-0.0040	0.0022	-0.0026	0.0002	0.0109	0.0005	0.0073
7/4/2010 16:15		0.0023	-0.0121	-0.0045	0.0024	-0.0038	-0.0001	0.0109	0.0006	0.0073
7/4/2010 16:30		0.0016	-0.0121	-0.0049	0.0036	-0.0056	-0.0001	0.0109	0.0006	0.0073
7/4/2010 16:45		0.0012	-0.0125	-0.0053	0.0043	-0.0074	-0.0005	0.0109	0.0013	0.0075
7/4/2010 17:00		0.0009	-0.0129	-0.0056	0.0051	-0.0086	-0.0005	0.0105	0.0013	0.0073
7/4/2010 17:15		0.0005	-0.0133	-0.0060	0.0057	-0.0103	-0.0008	0.0105	0.0013	0.0073
7/4/2010 17:30		0.0002	-0.0137	-0.0064	0.0069	-0.0121	-0.0008	0.0105	0.0013	0.0073
7/4/2010 17:45		-0.0003	-0.0137	-0.0067	0.0081	-0.0145	-0.0010	0.0109	0.0006	0.0073
7/4/2010 18:00		-0.0005	-0.0146	-0.0071	0.0089	-0.0162	-0.0013	0.0109	0.0013	0.0075
7/4/2010 18:15		-0.0008	-0.0145	-0.0073	0.0099	-0.0180	-0.0014	0.0109	0.0013	0.0075
7/4/2010 18:30		-0.0011	-0.0150	-0.0077	0.0103	-0.0192	-0.0016	0.0105	0.0013	0.0073
7/4/2010 18:45		-0.0012	-0.0150	-0.0077	0.0115	-0.0204	-0.0014	0.0113	0.0013	0.0078
7/4/2010 19:00		-0.0012	-0.0150	-0.0077	0.0119	-0.0216	-0.0016	0.0109	0.0021	0.0078
7/4/2010 19:15		-0.0013	-0.0154	-0.0080	0.0131	-0.0227	-0.0014	0.0113	0.0013	0.0078
7/4/2010 19:30		-0.0017	-0.0150	-0.0080	0.0141	-0.0239	-0.0013	0.0113	0.0013	0.0078
7/4/2010 19:45		-0.0016	-0.0154	-0.0081	0.0143	-0.0251	-0.0016	0.0109	0.0021	0.0078
7/4/2010 20:00		-0.0020	-0.0150	-0.0081	0.0153	-0.0263	-0.0015	0.0113	0.0021	0.0081
7/4/2010 20:15		-0.0015	-0.0145	-0.0077	0.0156	-0.0263	-0.0014	0.0117	0.0021	0.0083
7/4/2010 20:30		-0.0013	-0.0141	-0.0074	0.0156	-0.0263	-0.0014	0.0117	0.0021	0.0083
7/4/2010 20:45		-0.0005	-0.0137	-0.0068	0.0157	-0.0263	-0.0013	0.0117	0.0028	0.0086
7/4/2010 21:00		-0.0004	-0.0129	-0.0063	0.0155	-0.0251	-0.0009	0.0121	0.0021	0.0086
7/4/2010 21:15		0.0005	-0.0125	-0.0057	0.0151	-0.0239	-0.0007	0.0121	0.0028	0.0088

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
7/4/2010 21:30		0.0011	-0.0121	-0.0051	0.0143	-0.0227	-0.0007	0.0121	0.0021	0.0086
7/4/2010 21:45		0.0012	-0.0117	-0.0049	0.0144	-0.0221	-0.0004	0.0125	0.0021	0.0088
7/4/2010 22:00		0.0017	-0.0108	-0.0042	0.0136	-0.0209	-0.0004	0.0121	0.0021	0.0086
7/4/2010 22:15		0.0026	-0.0104	-0.0036	0.0124	-0.0192	-0.0004	0.0125	0.0021	0.0088
7/4/2010 22:30		0.0032	-0.0100	-0.0030	0.0122	-0.0180	0.0000	0.0129	0.0021	0.0091
7/4/2010 22:45		0.0040	-0.0088	-0.0020	0.0110	-0.0156	0.0002	0.0129	0.0021	0.0091
7/4/2010 23:00		0.0051	-0.0084	-0.0013	0.0104	-0.0138	0.0006	0.0129	0.0020	0.0091
7/4/2010 23:15		0.0056	-0.0075	-0.0006	0.0092	-0.0115	0.0008	0.0129	0.0020	0.0091
7/4/2010 23:30		0.0061	-0.0067	0.0000	0.0076	-0.0085	0.0010	0.0129	0.0013	0.0088
7/4/2010 23:45		0.0069	-0.0067	0.0005	0.0064	-0.0068	0.0010	0.0129	0.0013	0.0088
7/5/2010 0:00		0.0075	-0.0063	0.0010	0.0050	-0.0044	0.0012	0.0129	0.0013	0.0088
7/5/2010 0:15		0.0081	-0.0059	0.0015	0.0039	-0.0020	0.0015	0.0129	0.0013	0.0088
7/5/2010 0:30		0.0085	-0.0050	0.0021	0.0027	-0.0003	0.0015	0.0129	0.0013	0.0088
7/5/2010 0:45		0.0092	-0.0042	0.0029	0.0017	0.0021	0.0019	0.0129	0.0013	0.0088
7/5/2010 1:00		0.0098	-0.0042	0.0032	0.0005	0.0039	0.0019	0.0129	0.0013	0.0088
7/5/2010 1:15		0.0098	-0.0038	0.0034	-0.0009	0.0062	0.0020	0.0125	0.0013	0.0086
7/5/2010 1:30		0.0101	-0.0038	0.0035	-0.0021	0.0086	0.0022	0.0125	0.0005	0.0083
7/5/2010 1:45		0.0102	-0.0038	0.0036	-0.0033	0.0098	0.0020	0.0125	0.0005	0.0083
7/5/2010 2:00		0.0105	-0.0034	0.0040	-0.0037	0.0109	0.0022	0.0125	0.0005	0.0083
7/5/2010 2:15		0.0110	-0.0033	0.0042	-0.0050	0.0127	0.0021	0.0125	0.0005	0.0083
7/5/2010 2:30		0.0110	-0.0038	0.0040	-0.0058	0.0139	0.0021	0.0125	-0.0002	0.0080
7/5/2010 2:45		0.0110	-0.0042	0.0039	-0.0062	0.0151	0.0024	0.0121	-0.0002	0.0078
7/5/2010 3:00		0.0108	-0.0042	0.0037	-0.0066	0.0151	0.0021	0.0117	0.0005	0.0078
7/5/2010 3:15		0.0104	-0.0042	0.0035	-0.0070	0.0156	0.0021	0.0117	0.0005	0.0078
7/5/2010 3:30		0.0101	-0.0046	0.0032	-0.0074	0.0156	0.0019	0.0117	0.0005	0.0078
7/5/2010 3:45		0.0099	-0.0050	0.0029	-0.0076	0.0156	0.0018	0.0117	-0.0002	0.0075
7/5/2010 4:00		0.0100	-0.0054	0.0027	-0.0074	0.0156	0.0019	0.0121	-0.0002	0.0078
7/5/2010 4:15		0.0094	-0.0054	0.0024	-0.0070	0.0151	0.0019	0.0113	0.0005	0.0075
7/5/2010 4:30		0.0089	-0.0063	0.0017	-0.0070	0.0145	0.0017	0.0113	-0.0002	0.0073
7/5/2010 4:45		0.0084	-0.0063	0.0015	-0.0066	0.0139	0.0017	0.0113	-0.0002	0.0073
7/5/2010 5:00		0.0079	-0.0071	0.0008	-0.0062	0.0127	0.0014	0.0113	-0.0002	0.0073
7/5/2010 5:15		0.0069	-0.0067	0.0005	-0.0053	0.0115	0.0015	0.0113	0.0005	0.0075
7/5/2010 5:30		0.0070	-0.0075	0.0001	-0.0050	0.0109	0.0014	0.0113	-0.0002	0.0073
7/5/2010 5:45		0.0064	-0.0080	-0.0004	-0.0045	0.0098	0.0013	0.0108	0.0005	0.0073

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
7/5/2010 6:00		0.0061	-0.0084	-0.0007	-0.0037	0.0086	0.0013	0.0108	0.0005	0.0073
7/5/2010 6:15		0.0053	-0.0088	-0.0014	-0.0027	0.0068	0.0012	0.0108	-0.0002	0.0070
7/5/2010 6:30		0.0053	-0.0092	-0.0016	-0.0019	0.0056	0.0012	0.0108	0.0005	0.0073
7/5/2010 6:45		0.0046	-0.0093	-0.0020	-0.0009	0.0045	0.0013	0.0108	0.0005	0.0072
7/5/2010 7:00		0.0042	-0.0097	-0.0024	-0.0007	0.0033	0.0009	0.0108	0.0005	0.0073
7/5/2010 7:15		0.0037	-0.0101	-0.0028	0.0003	0.0021	0.0010	0.0108	0.0005	0.0072
7/5/2010 7:30		0.0034	-0.0105	-0.0032	0.0007	0.0009	0.0008	0.0108	0.0005	0.0072
7/5/2010 7:45		0.0031	-0.0105	-0.0033	0.0016	-0.0002	0.0009	0.0108	0.0013	0.0075
7/5/2010 8:00		0.0025	-0.0105	-0.0037	0.0019	-0.0014	0.0005	0.0108	0.0005	0.0072
7/5/2010 8:15		0.0023	-0.0109	-0.0040	0.0023	-0.0026	0.0003	0.0108	0.0013	0.0075
7/5/2010 8:30		0.0019	-0.0109	-0.0042	0.0032	-0.0032	0.0006	0.0112	0.0005	0.0075
7/5/2010 8:45		0.0020	-0.0114	-0.0043	0.0040	-0.0044	0.0006	0.0112	0.0005	0.0075
7/5/2010 9:00		0.0017	-0.0114	-0.0045	0.0044	-0.0055	0.0004	0.0112	0.0005	0.0075
7/5/2010 9:15		0.0015	-0.0109	-0.0044	0.0048	-0.0061	0.0004	0.0112	0.0005	0.0075
7/5/2010 9:30		0.0015	-0.0114	-0.0046	0.0052	-0.0067	0.0004	0.0112	0.0013	0.0078
7/5/2010 9:45		0.0014	-0.0109	-0.0044	0.0051	-0.0061	0.0005	0.0112	0.0013	0.0078
7/5/2010 10:00		0.0015	-0.0109	-0.0044	0.0051	-0.0067	0.0003	0.0112	0.0013	0.0078
7/5/2010 10:15		0.0016	-0.0105	-0.0041	0.0056	-0.0067	0.0006	0.0112	0.0013	0.0078
7/5/2010 10:30		0.0017	-0.0105	-0.0041	0.0056	-0.0067	0.0006	0.0112	0.0013	0.0078
7/5/2010 10:45		0.0019	-0.0105	-0.0040	0.0055	-0.0067	0.0005	0.0116	0.0013	0.0080
7/5/2010 11:00		0.0022	-0.0101	-0.0036	0.0056	-0.0067	0.0006	0.0116	0.0013	0.0080
7/5/2010 11:15		0.0024	-0.0105	-0.0037	0.0055	-0.0067	0.0005	0.0116	0.0013	0.0080
7/5/2010 11:30		0.0023	-0.0097	-0.0034	0.0053	-0.0067	0.0004	0.0116	0.0013	0.0080
7/5/2010 11:45		0.0026	-0.0101	-0.0034	0.0051	-0.0061	0.0005	0.0116	0.0013	0.0080
7/5/2010 12:00		0.0026	-0.0101	-0.0034	0.0051	-0.0061	0.0005	0.0116	0.0013	0.0080
7/5/2010 12:15		0.0026	-0.0097	-0.0032	0.0049	-0.0062	0.0004	0.0121	0.0005	0.0080
7/5/2010 12:30		0.0032	-0.0097	-0.0029	0.0049	-0.0056	0.0007	0.0121	0.0013	0.0083
7/5/2010 12:45		0.0036	-0.0096	-0.0027	0.0039	-0.0044	0.0006	0.0117	0.0013	0.0080
7/5/2010 13:00		0.0032	-0.0092	-0.0027	0.0039	-0.0044	0.0006	0.0117	0.0013	0.0080
7/5/2010 13:15		0.0033	-0.0092	-0.0026	0.0034	-0.0044	0.0002	0.0117	0.0013	0.0080
7/5/2010 13:30		0.0033	-0.0096	-0.0028	0.0038	-0.0044	0.0005	0.0117	0.0005	0.0078
7/5/2010 13:45		0.0035	-0.0100	-0.0029	0.0038	-0.0044	0.0005	0.0113	0.0013	0.0078
7/5/2010 14:00		0.0031	-0.0096	-0.0029	0.0042	-0.0050	0.0005	0.0117	0.0005	0.0078
7/5/2010 14:15		0.0033	-0.0096	-0.0028	0.0040	-0.0050	0.0004	0.0113	0.0006	0.0075

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
7/5/2010 14:30		0.0034	-0.0104	-0.0031	0.0040	-0.0056	0.0001	0.0113	0.0006	0.0075
7/5/2010 14:45		0.0027	-0.0104	-0.0035	0.0044	-0.0062	0.0001	0.0109	0.0013	0.0075
7/5/2010 15:00		0.0025	-0.0113	-0.0040	0.0048	-0.0068	0.0001	0.0109	0.0013	0.0075
7/5/2010 15:15		0.0018	-0.0117	-0.0046	0.0052	-0.0086	-0.0004	0.0109	0.0006	0.0073
7/5/2010 15:30		0.0017	-0.0121	-0.0048	0.0063	-0.0103	-0.0005	0.0109	0.0013	0.0075
7/5/2010 15:45		0.0011	-0.0125	-0.0053	0.0067	-0.0109	-0.0005	0.0109	0.0006	0.0073
7/5/2010 16:00		0.0010	-0.0125	-0.0054	0.0073	-0.0127	-0.0008	0.0109	0.0013	0.0075
7/5/2010 16:15		0.0005	-0.0129	-0.0059	0.0083	-0.0139	-0.0007	0.0109	0.0006	0.0073
7/5/2010 16:30		0.0004	-0.0137	-0.0063	0.0089	-0.0157	-0.0010	0.0109	0.0006	0.0073
7/5/2010 16:45		-0.0001	-0.0142	-0.0067	0.0097	-0.0168	-0.0010	0.0109	0.0006	0.0073
7/5/2010 17:00		-0.0006	-0.0146	-0.0072	0.0105	-0.0186	-0.0013	0.0109	0.0006	0.0073
7/5/2010 17:15		-0.0011	-0.0150	-0.0077	0.0117	-0.0204	-0.0013	0.0109	0.0013	0.0075
7/5/2010 17:30		-0.0015	-0.0150	-0.0079	0.0125	-0.0221	-0.0015	0.0109	0.0013	0.0075
7/5/2010 17:45		-0.0020	-0.0150	-0.0081	0.0133	-0.0233	-0.0015	0.0109	0.0013	0.0075
7/5/2010 18:00		-0.0023	-0.0158	-0.0087	0.0143	-0.0251	-0.0016	0.0109	0.0013	0.0075
7/5/2010 18:15		-0.0022	-0.0167	-0.0090	0.0153	-0.0275	-0.0020	0.0109	0.0013	0.0075
7/5/2010 18:30		-0.0031	-0.0162	-0.0093	0.0165	-0.0292	-0.0020	0.0109	0.0013	0.0075
7/5/2010 18:45		-0.0031	-0.0167	-0.0095	0.0177	-0.0310	-0.0020	0.0109	0.0013	0.0075
7/5/2010 19:00		-0.0035	-0.0171	-0.0099	0.0185	-0.0328	-0.0022	0.0109	0.0013	0.0075
7/5/2010 19:15		-0.0038	-0.0171	-0.0101	0.0193	-0.0334	-0.0020	0.0109	0.0021	0.0078
7/5/2010 19:30		-0.0043	-0.0175	-0.0105	0.0207	-0.0351	-0.0019	0.0109	0.0021	0.0078
7/5/2010 19:45		-0.0043	-0.0179	-0.0107	0.0215	-0.0369	-0.0021	0.0109	0.0021	0.0078
7/5/2010 20:00		-0.0047	-0.0179	-0.0109	0.0223	-0.0381	-0.0021	0.0109	0.0021	0.0078
7/5/2010 20:15		-0.0047	-0.0184	-0.0111	0.0231	-0.0398	-0.0024	0.0109	0.0021	0.0078
7/5/2010 20:30		-0.0047	-0.0175	-0.0108	0.0235	-0.0404	-0.0024	0.0113	0.0021	0.0081
7/5/2010 20:45		-0.0044	-0.0175	-0.0106	0.0239	-0.0410	-0.0024	0.0113	0.0021	0.0081
7/5/2010 21:00		-0.0044	-0.0171	-0.0104	0.0245	-0.0410	-0.0020	0.0117	0.0021	0.0083
7/5/2010 21:15		-0.0040	-0.0163	-0.0098	0.0250	-0.0410	-0.0017	0.0117	0.0021	0.0083
7/5/2010 21:30		-0.0036	-0.0163	-0.0096	0.0248	-0.0404	-0.0016	0.0121	0.0020	0.0086
7/5/2010 21:45		-0.0033	-0.0155	-0.0091	0.0246	-0.0398	-0.0015	0.0116	0.0020	0.0083
7/5/2010 22:00		-0.0028	-0.0151	-0.0086	0.0242	-0.0392	-0.0015	0.0121	0.0020	0.0086
7/5/2010 22:15		-0.0023	-0.0142	-0.0079	0.0240	-0.0386	-0.0013	0.0121	0.0028	0.0088
7/5/2010 22:30		-0.0017	-0.0138	-0.0074	0.0234	-0.0374	-0.0012	0.0121	0.0020	0.0086
7/5/2010 22:45		-0.0008	-0.0134	-0.0067	0.0225	-0.0357	-0.0010	0.0125	0.0020	0.0088

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
7/5/2010 23:00		0.0000	-0.0126	-0.0060	0.0217	-0.0339	-0.0008	0.0125	0.0020	0.0088
7/5/2010 23:15		0.0009	-0.0113	-0.0049	0.0209	-0.0321	-0.0005	0.0129	0.0028	0.0093
7/5/2010 23:30		0.0020	-0.0105	-0.0039	0.0193	-0.0292	-0.0003	0.0129	0.0020	0.0091
7/5/2010 23:45		0.0033	-0.0097	-0.0028	0.0181	-0.0268	0.0000	0.0129	0.0020	0.0091
7/6/2010 0:00		0.0038	-0.0088	-0.0022	0.0169	-0.0244	0.0002	0.0129	0.0020	0.0091
7/6/2010 0:15		0.0045	-0.0080	-0.0014	0.0153	-0.0215	0.0004	0.0129	0.0020	0.0091
7/6/2010 0:30		0.0051	-0.0076	-0.0009	0.0141	-0.0197	0.0004	0.0125	0.0020	0.0088
7/6/2010 0:45		0.0059	-0.0071	-0.0003	0.0125	-0.0168	0.0007	0.0129	0.0013	0.0088
7/6/2010 1:00		0.0069	-0.0063	0.0007	0.0113	-0.0144	0.0009	0.0129	0.0013	0.0088
7/6/2010 1:15		0.0077	-0.0063	0.0011	0.0096	-0.0121	0.0008	0.0129	0.0013	0.0088
7/6/2010 1:30		0.0084	-0.0059	0.0017	0.0080	-0.0091	0.0010	0.0129	0.0013	0.0088
7/6/2010 1:45		0.0089	-0.0050	0.0023	0.0068	-0.0068	0.0013	0.0129	0.0013	0.0088
7/6/2010 2:00		0.0092	-0.0046	0.0027	0.0056	-0.0044	0.0015	0.0125	0.0013	0.0086
7/6/2010 2:15		0.0097	-0.0042	0.0031	0.0043	-0.0020	0.0018	0.0129	0.0005	0.0086
7/6/2010 2:30		0.0101	-0.0042	0.0033	0.0035	-0.0009	0.0018	0.0125	0.0005	0.0083
7/6/2010 2:45		0.0101	-0.0042	0.0033	0.0023	0.0009	0.0018	0.0125	0.0005	0.0083
7/6/2010 3:00		0.0100	-0.0042	0.0033	0.0011	0.0027	0.0018	0.0121	0.0013	0.0083
7/6/2010 3:15		0.0104	-0.0042	0.0035	0.0003	0.0039	0.0018	0.0121	0.0005	0.0080
7/6/2010 3:30		0.0105	-0.0046	0.0034	-0.0002	0.0044	0.0017	0.0121	0.0005	0.0080
7/6/2010 3:45		0.0106	-0.0050	0.0032	-0.0006	0.0050	0.0017	0.0121	0.0005	0.0080
7/6/2010 4:00		0.0103	-0.0050	0.0030	-0.0010	0.0056	0.0017	0.0117	0.0005	0.0078
7/6/2010 4:15		0.0096	-0.0054	0.0025	-0.0013	0.0056	0.0015	0.0113	0.0005	0.0075
7/6/2010 4:30		0.0093	-0.0063	0.0020	-0.0009	0.0050	0.0015	0.0113	-0.0002	0.0073
7/6/2010 4:45		0.0088	-0.0063	0.0016	-0.0005	0.0044	0.0015	0.0113	-0.0002	0.0073
7/6/2010 5:00		0.0084	-0.0071	0.0011	-0.0003	0.0039	0.0014	0.0112	0.0005	0.0075
7/6/2010 5:15		0.0079	-0.0071	0.0008	0.0001	0.0033	0.0014	0.0116	-0.0002	0.0075
7/6/2010 5:30		0.0074	-0.0076	0.0003	0.0005	0.0027	0.0014	0.0112	0.0005	0.0075
7/6/2010 5:45		0.0068	-0.0080	-0.0002	0.0009	0.0015	0.0012	0.0112	-0.0002	0.0073
7/6/2010 6:00		0.0062	-0.0089	-0.0009	0.0016	0.0009	0.0014	0.0108	0.0005	0.0072
7/6/2010 6:15		0.0055	-0.0088	-0.0013	0.0019	-0.0008	0.0008	0.0108	0.0005	0.0072
7/6/2010 6:30		0.0051	-0.0097	-0.0019	0.0027	-0.0020	0.0008	0.0108	-0.0002	0.0070
7/6/2010 6:45		0.0047	-0.0101	-0.0023	0.0035	-0.0032	0.0008	0.0112	-0.0002	0.0072
7/6/2010 7:00		0.0039	-0.0101	-0.0027	0.0044	-0.0050	0.0006	0.0108	0.0005	0.0072
7/6/2010 7:15		0.0035	-0.0109	-0.0033	0.0056	-0.0067	0.0006	0.0108	0.0005	0.0072

Table F-4

Groundwater Elevations and Calculated Vertical Hydraulic Gradients, June - July 2010
Lockheed Martin, Martin State Airport, Middle River, Maryland

		DMW4S/4I	DMW4I/4D	DMW4S/4D	PZ1S/1I	PZ1I/1D	PZ1S/1D	PZ2S/2I	PZ2I/2D	PZ2S/2D
Date/Time		Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad	Vert. Grad
7/6/2010 7:30		0.0032	-0.0114	-0.0037	0.0060	-0.0073	0.0006	0.0108	0.0005	0.0072
7/6/2010 7:45		0.0026	-0.0114	-0.0040	0.0068	-0.0091	0.0004	0.0108	0.0013	0.0075
7/6/2010 8:00		0.0019	-0.0118	-0.0046	0.0078	-0.0108	0.0003	0.0108	0.0005	0.0072
7/6/2010 8:15		0.0017	-0.0118	-0.0047	0.0086	-0.0120	0.0003	0.0108	0.0013	0.0075
7/6/2010 8:30		0.0014	-0.0122	-0.0050	0.0094	-0.0132	0.0003	0.0108	0.0013	0.0075
7/6/2010 8:45		0.0008	-0.0122	-0.0054	0.0098	-0.0144	0.0000	0.0108	0.0005	0.0072
7/6/2010 9:00		0.0006	-0.0126	-0.0057	0.0106	-0.0156	0.0000	0.0108	0.0013	0.0075
7/6/2010 9:15		0.0004	-0.0126	-0.0057	0.0114	-0.0167	0.0000	0.0108	0.0013	0.0075
7/6/2010 9:30						-0.0173		0.0108		
7/6/2010 9:45						-0.0179		0.0112		
7/6/2010 10:00						-0.0185		0.0112		
7/6/2010 10:15						-0.0191		0.0116		
7/6/2010 10:30						-0.0091		0.0112		
7/6/2010 10:45										
7/6/2010 11:00										
7/6/2010 11:15										

Table F-5

Barometric Efficiencies for DMW4/I/D, PZ-1(S)/(I)/(D) and PZ-2(S)/(I)/(D)
Lockheed Martin, Martin State Airport, Middle River, Maryland

Well ID	Barometric Efficiency (Percent)
DMW4S	95.0
DMW4I	86.0
DMW4D	83.9
PZ-1(S)	53.8
PZ-1(I)	3.3
PZ-1(D)	97.3
PZ-2(S)	106.2
PZ-2(I)	104.7
PZ-2(D)	104.0

BE estimated using data from 6/28/2010 13:45 through 6/30/2010 10:15.

Figure F-1
Plots of Water Level Elevations -Well DMW4S and Frog Mortar Creek
Martin State Airport, Middle River, Maryland

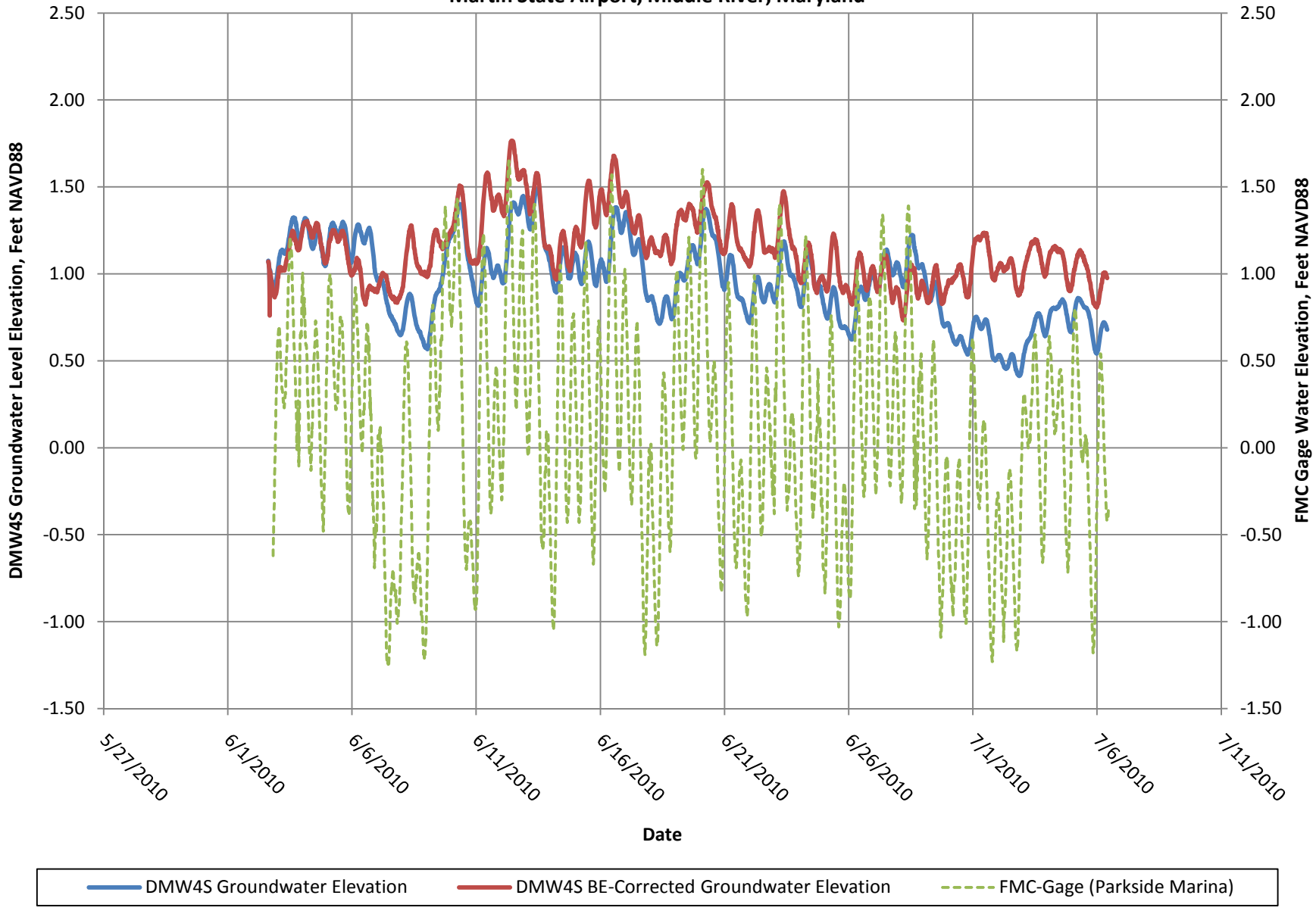


Figure F-2
Plots of Water Level Elevations -Well DMW4I and Frog Mortar Creek
Martin State Airport, Middle River, Maryland

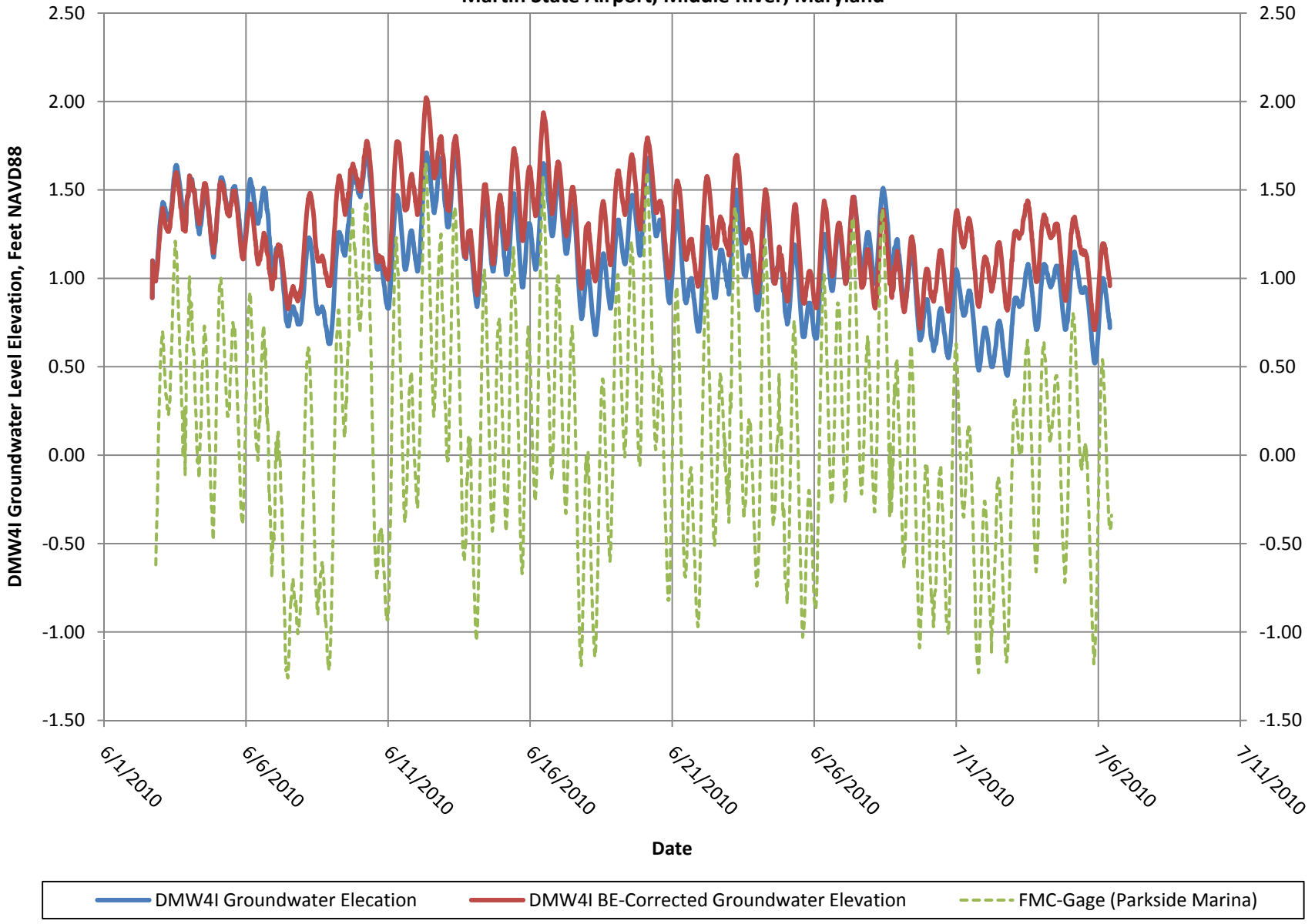


Figure F-3
Plots of Water Level Elevations -Well DMW4D and Frog Mortar Creek
Martin State Airport, Middle River, Maryland

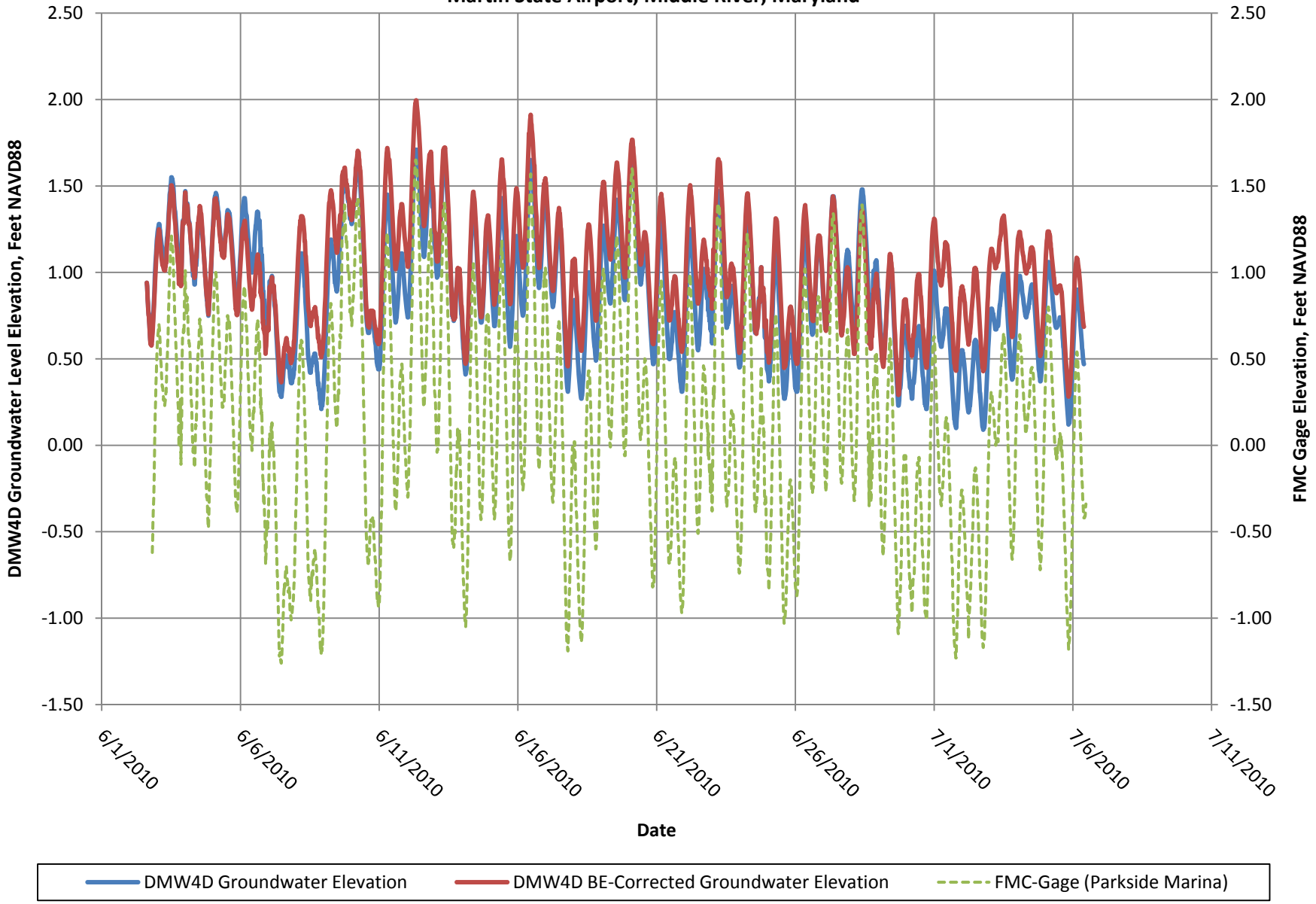


Figure F-4
Plots of Water Level Elevations -Well PZ01S and Frog Mortar Creek
Martin State Airport, Middle River, Maryland

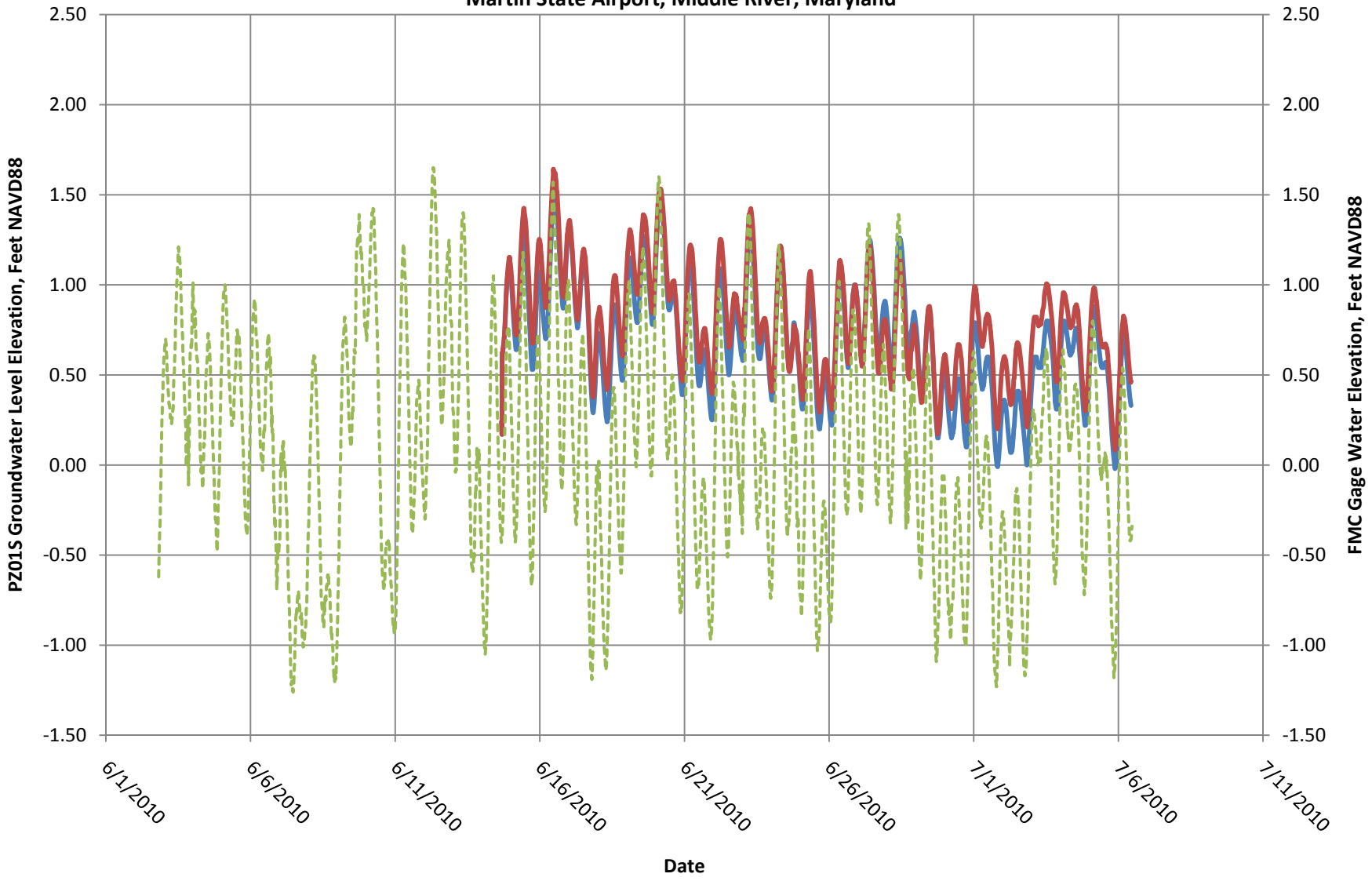


Figure F-5
Plots of Water Level Elevations -Well PZ01I and Frog Mortar Creek
Martin State Airport, Middle River, Maryland

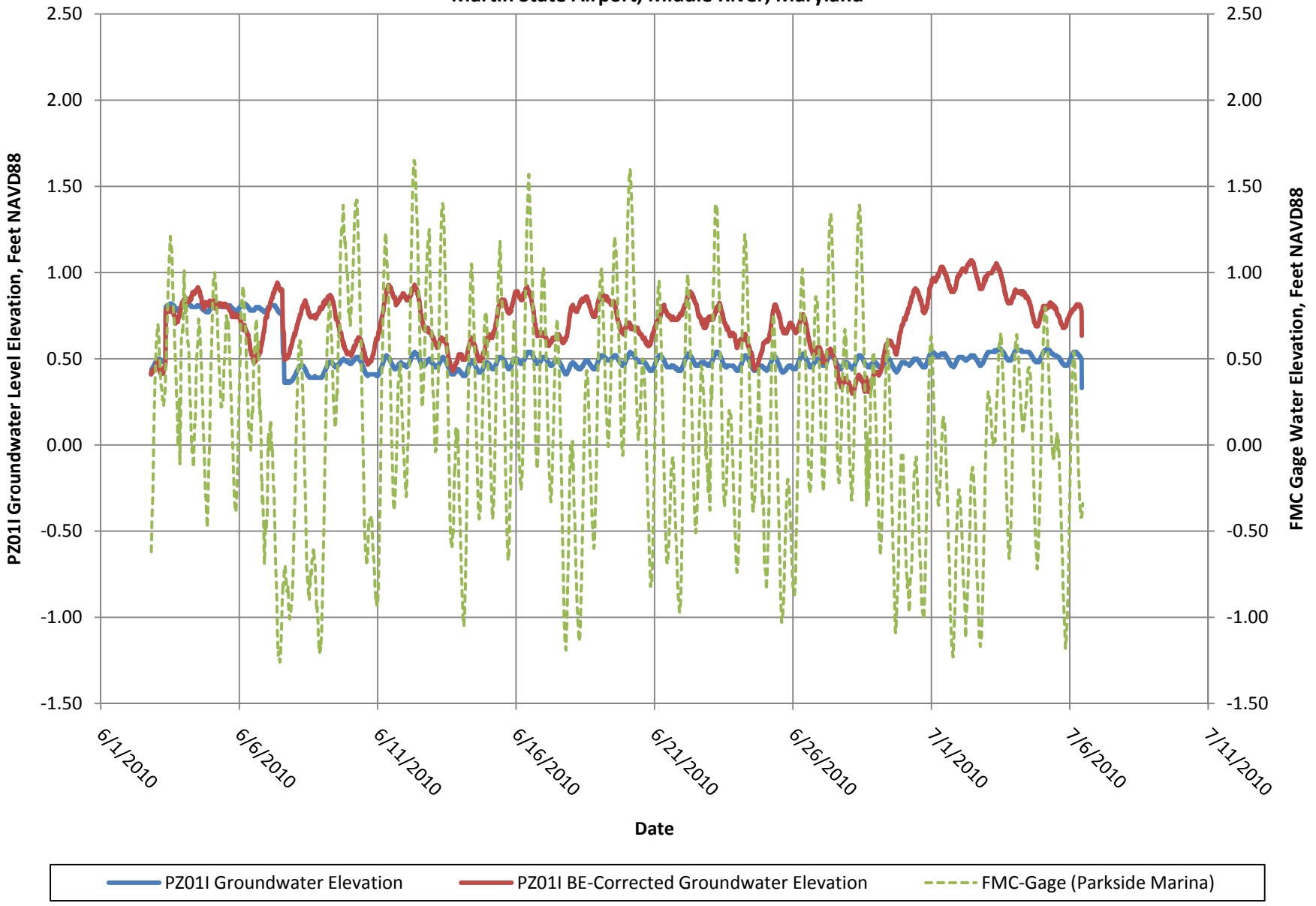


Figure F-6
Plots of Water Level Elevations -Well PZ01D and Frog Mortar Creek
Martin State Airport, Middle River, Maryland

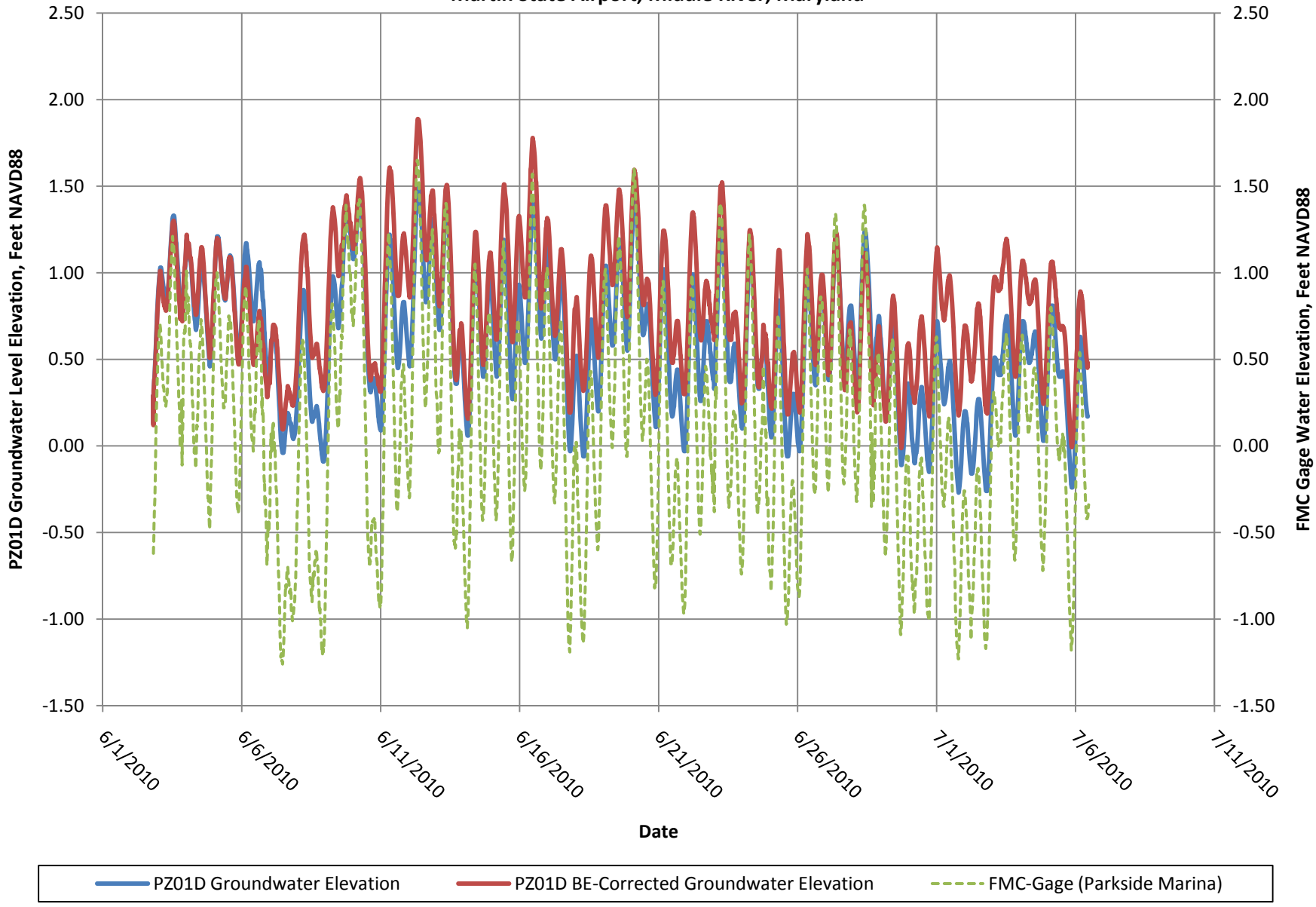


Figure F-7
Plots of Water Level Elevations -Well PZ02S and Frog Mortar Creek
Martin State Airport, Middle River, Maryland

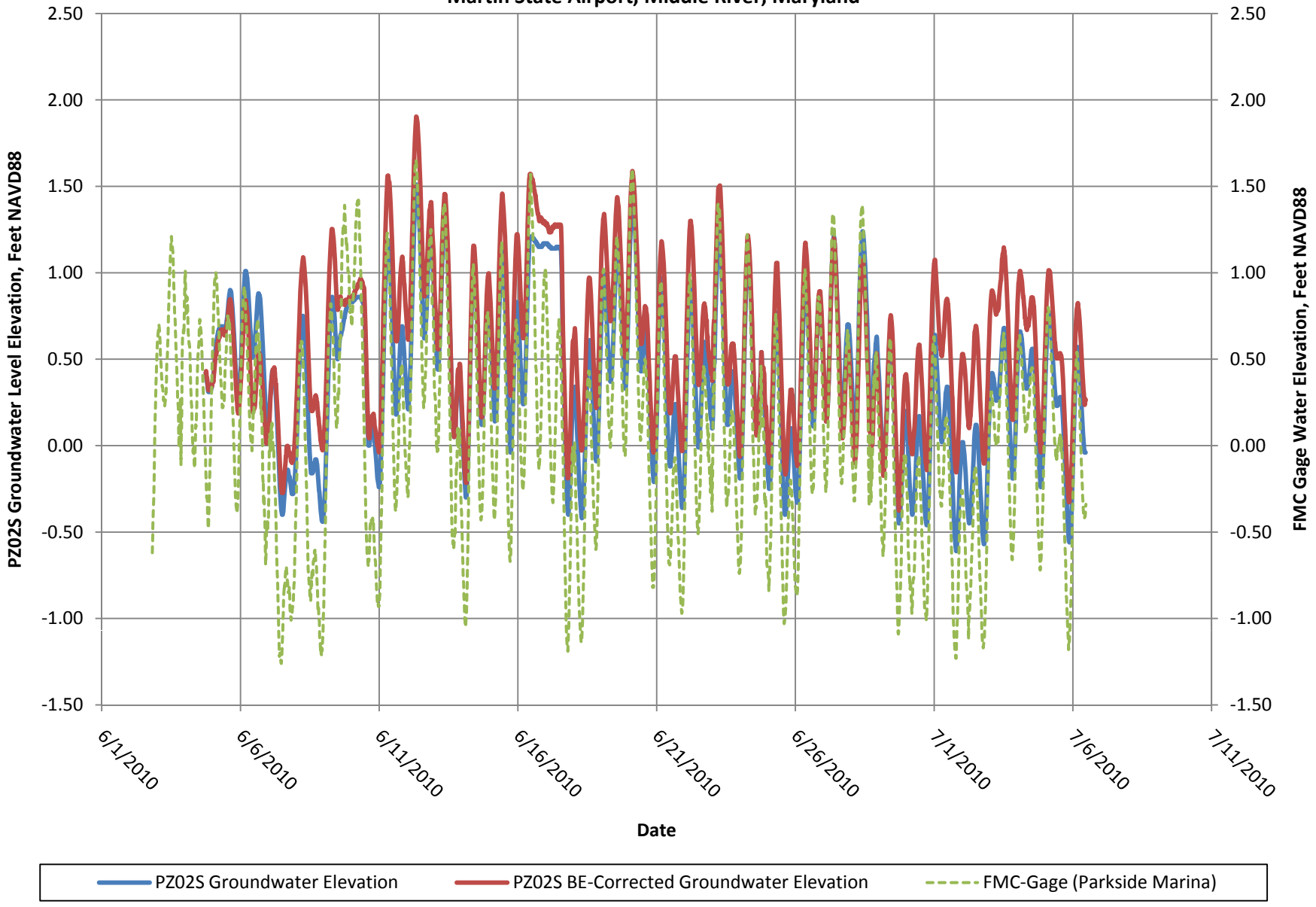


Figure F-8
Plots of Water Level Elevations -Well PZ02I and Frog Mortar Creek
Martin State Airport, Middle River, Maryland

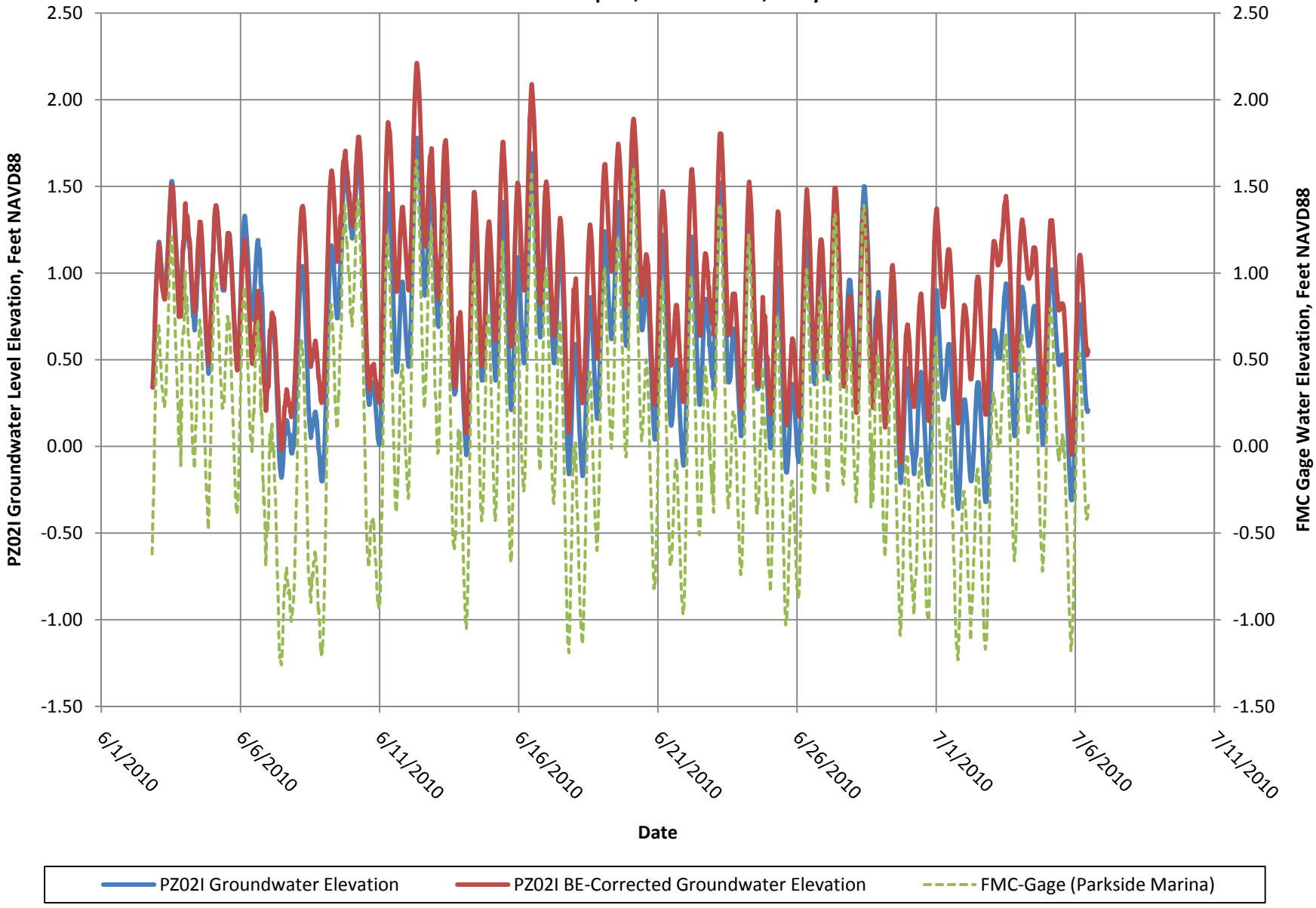


Figure F-9
Plots of Water Level Elevations -Well PZ02D and Frog Mortar Creek
Martin State Airport, Middle River, Maryland

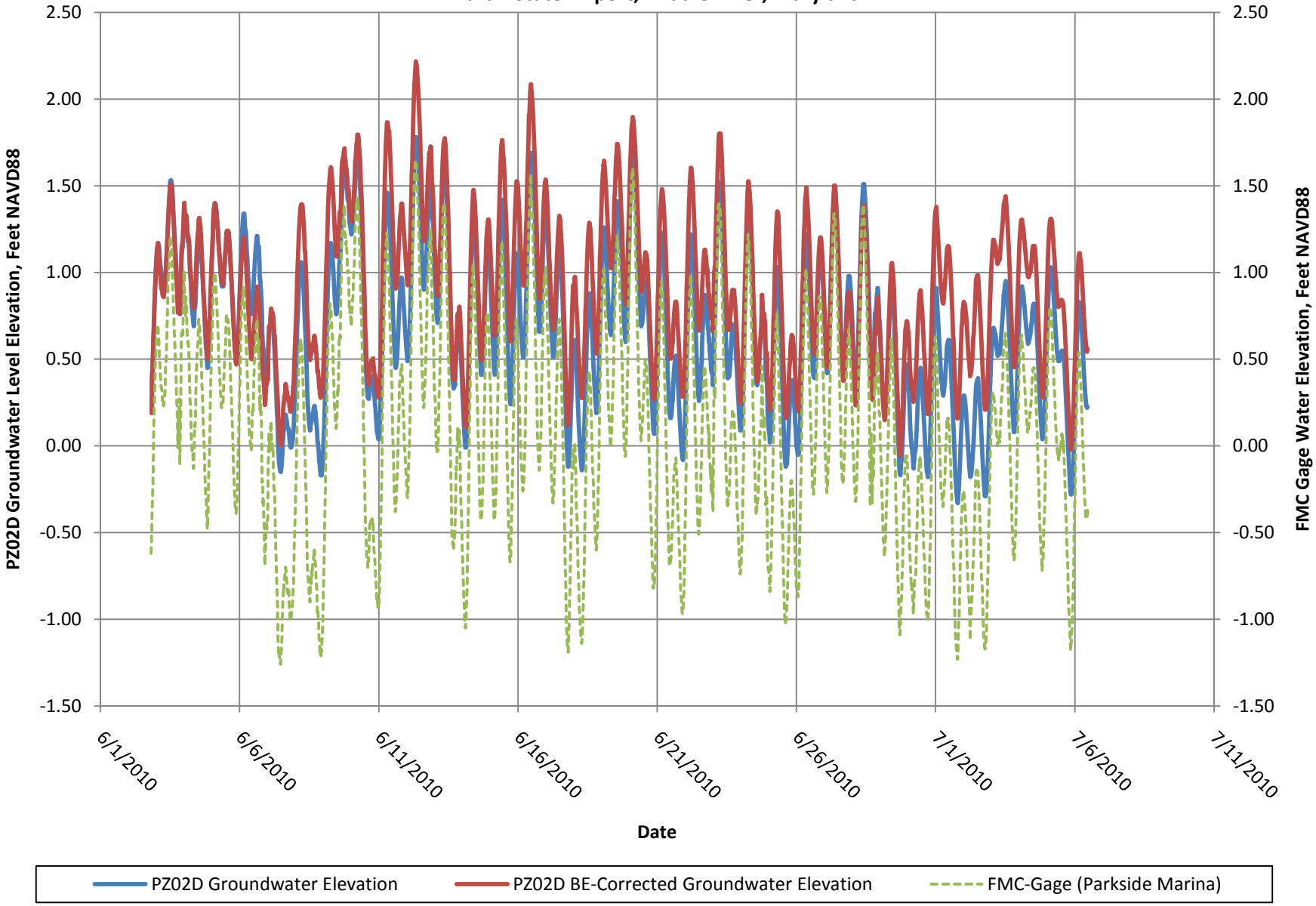


Figure F-10
Plots of Water Level Elevations -Well DMW4S and Barometric Pressure
Martin State Airport, Middle River, Maryland

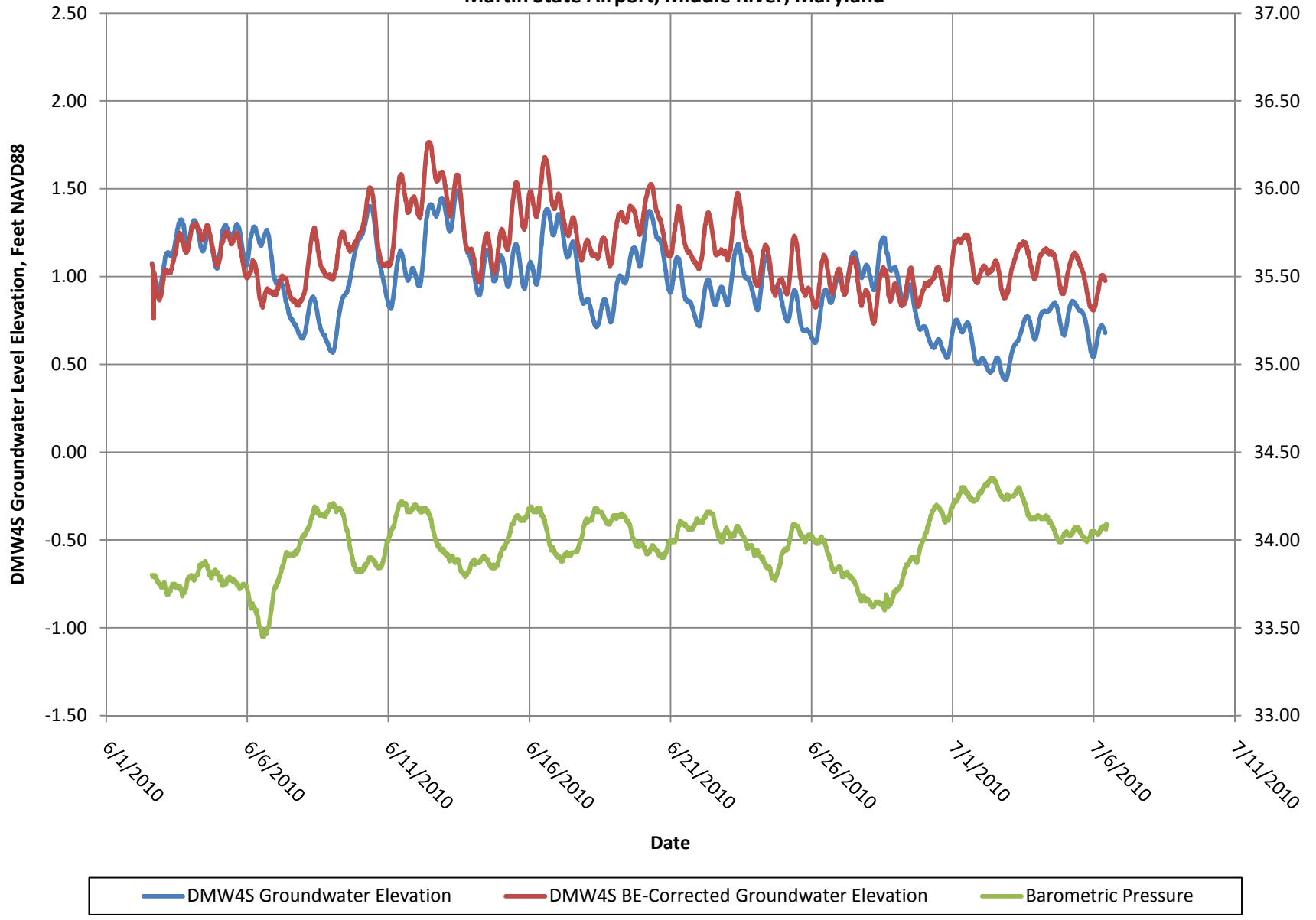


Figure F-11
Plots of Water Level Elevations -Well DMW4I and Barometric Pressure
Martin State Airport, Middle River, Maryland

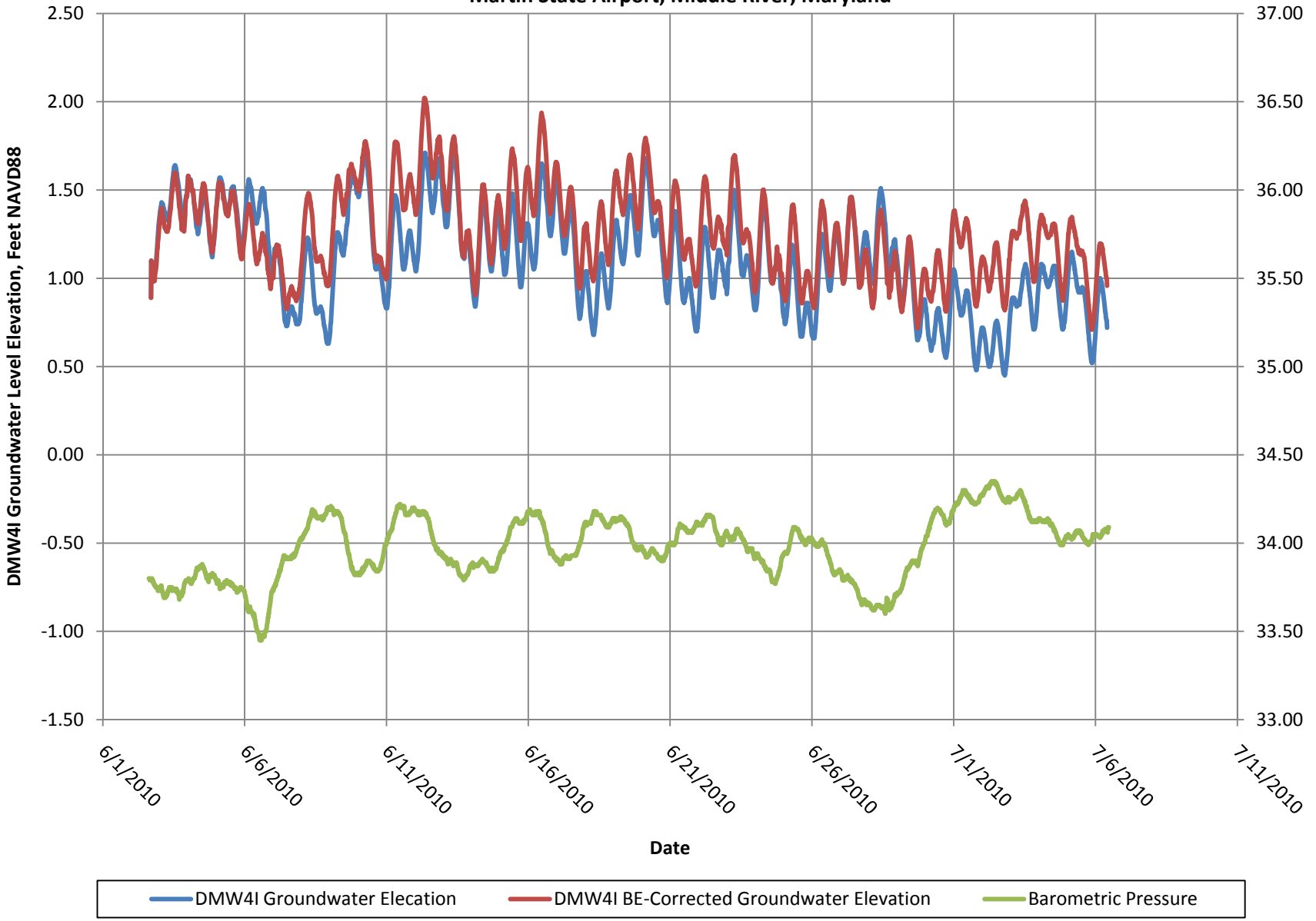


Figure F-12
Plots of Water Level Elevations -Well DMW4D and Barometric Pressure
Martin State Airport, Middle River, Maryland

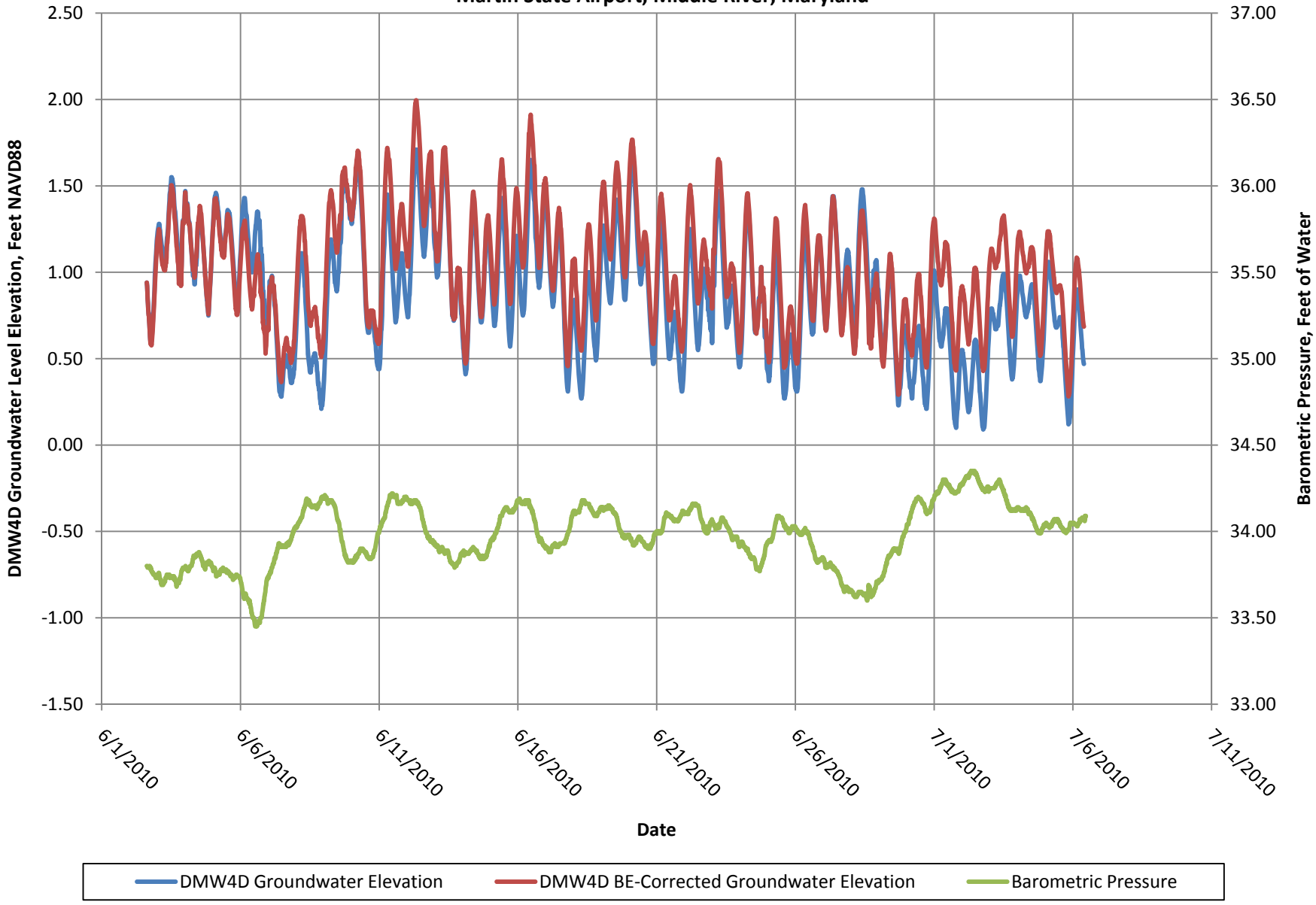


Figure F-13
Plots of Water Level Elevations -Well PZ01S and Barometric Pressure
Martin State Airport, Middle River, Maryland

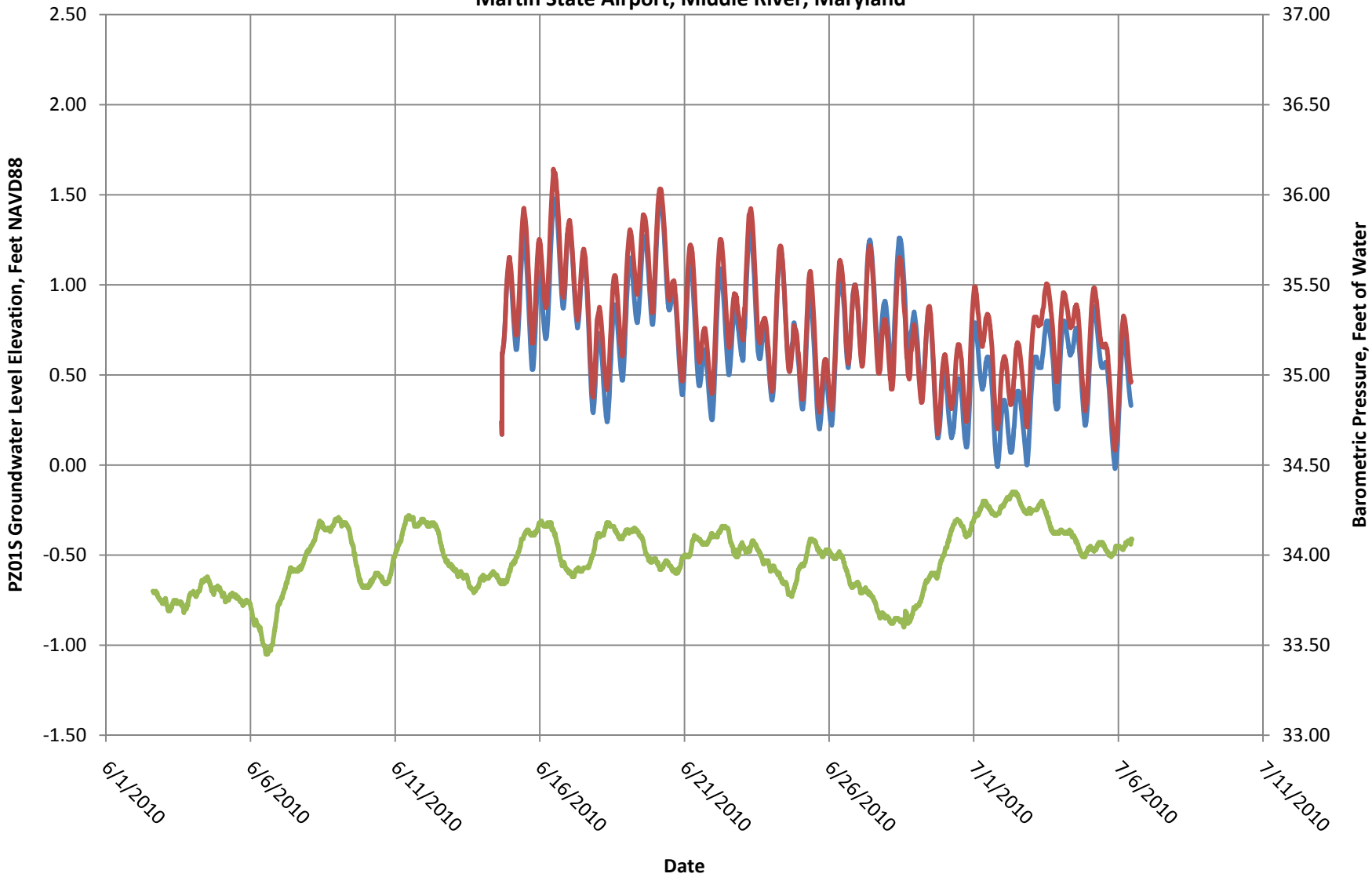


Figure F-14
Plots of Water Level Elevations -Well PZ01I and Barometric Pressure
Martin State Airport, Middle River, Maryland

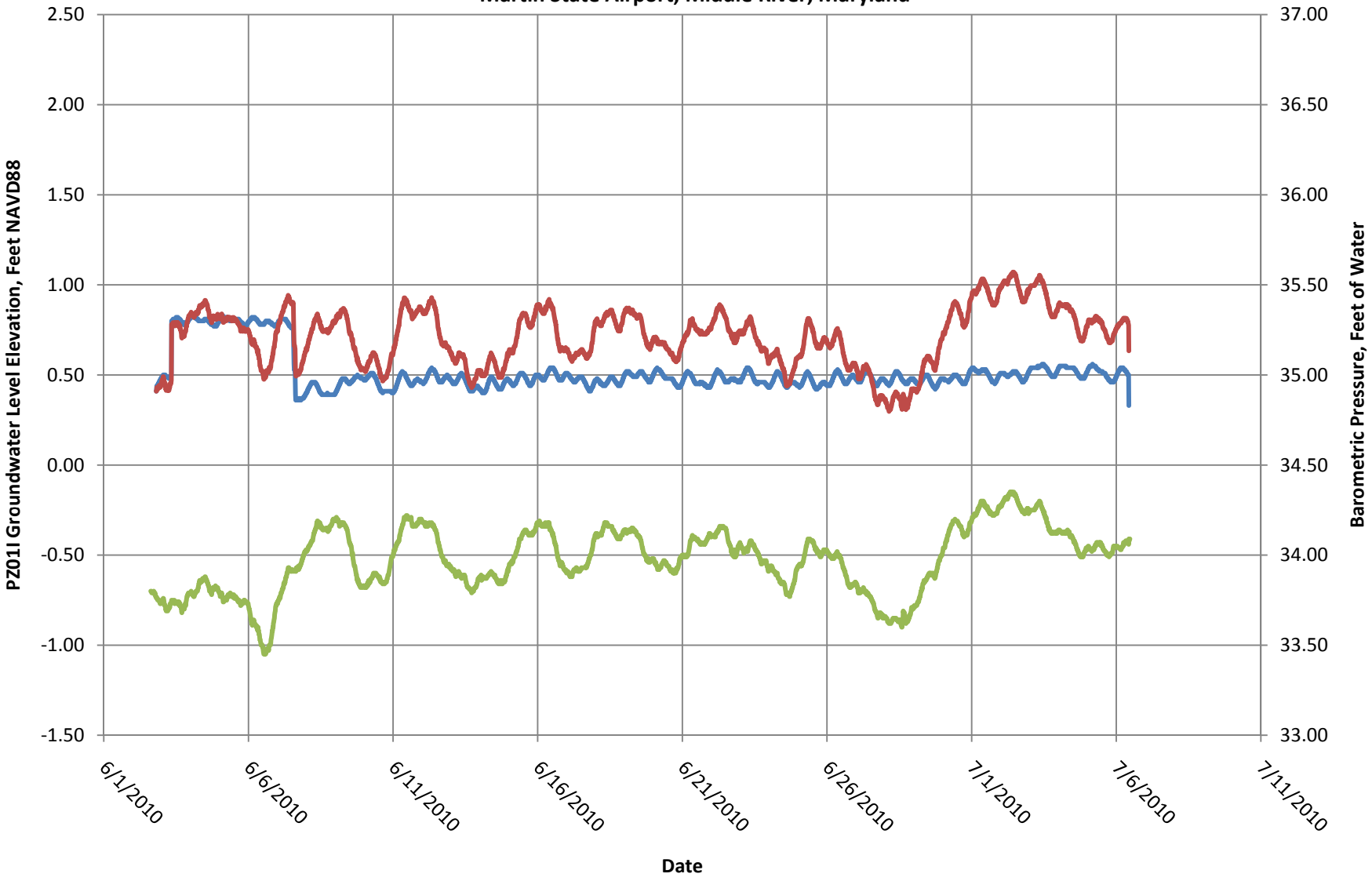


Figure F-15
Plots of Water Level Elevations -Well PZ01D and Barometric Pressure
Martin State Airport, Middle River, Maryland

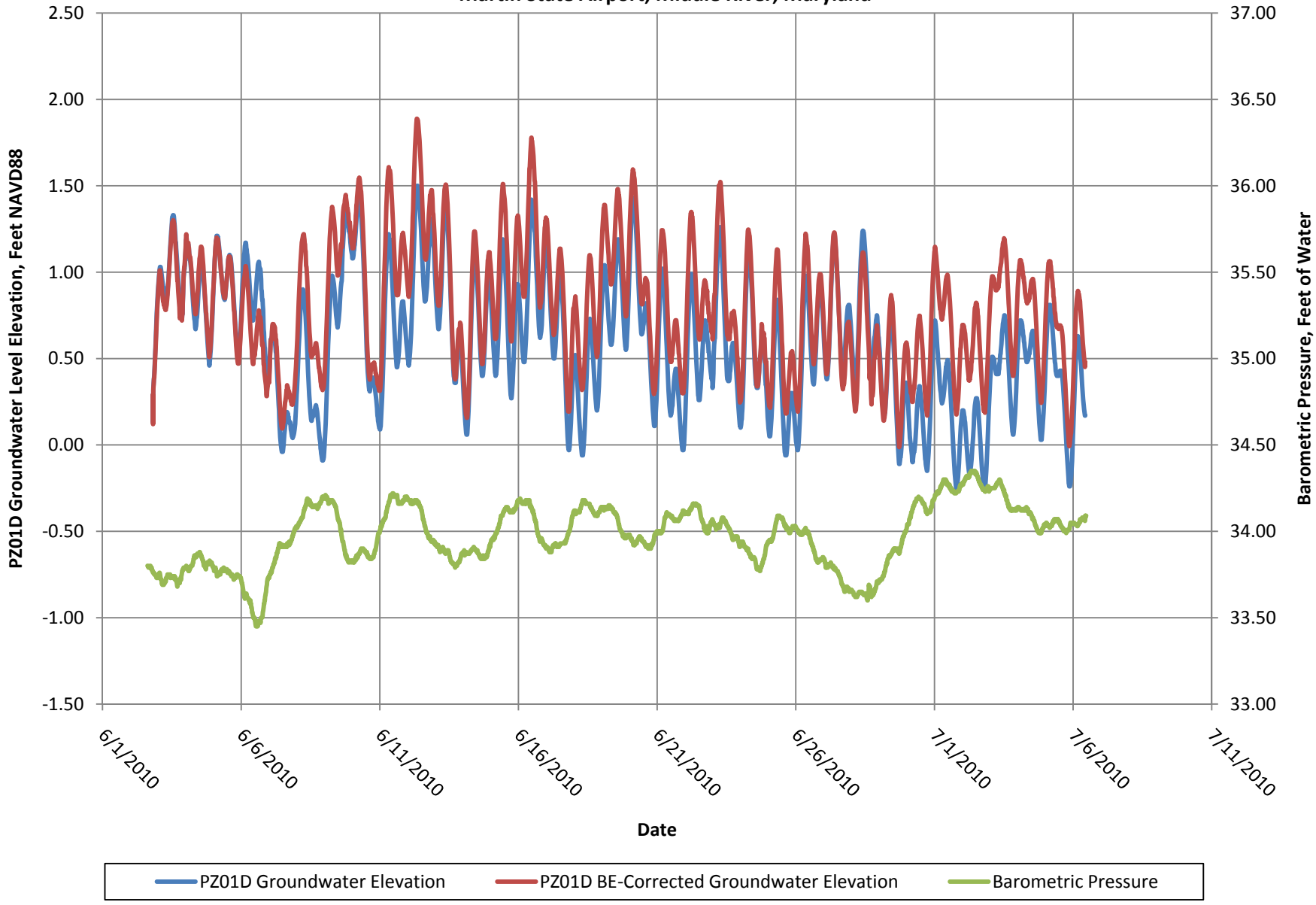


Figure F-16
Plots of Water Level Elevations -Well PZ02S and Barometric Pressure
Martin State Airport, Middle River, Maryland

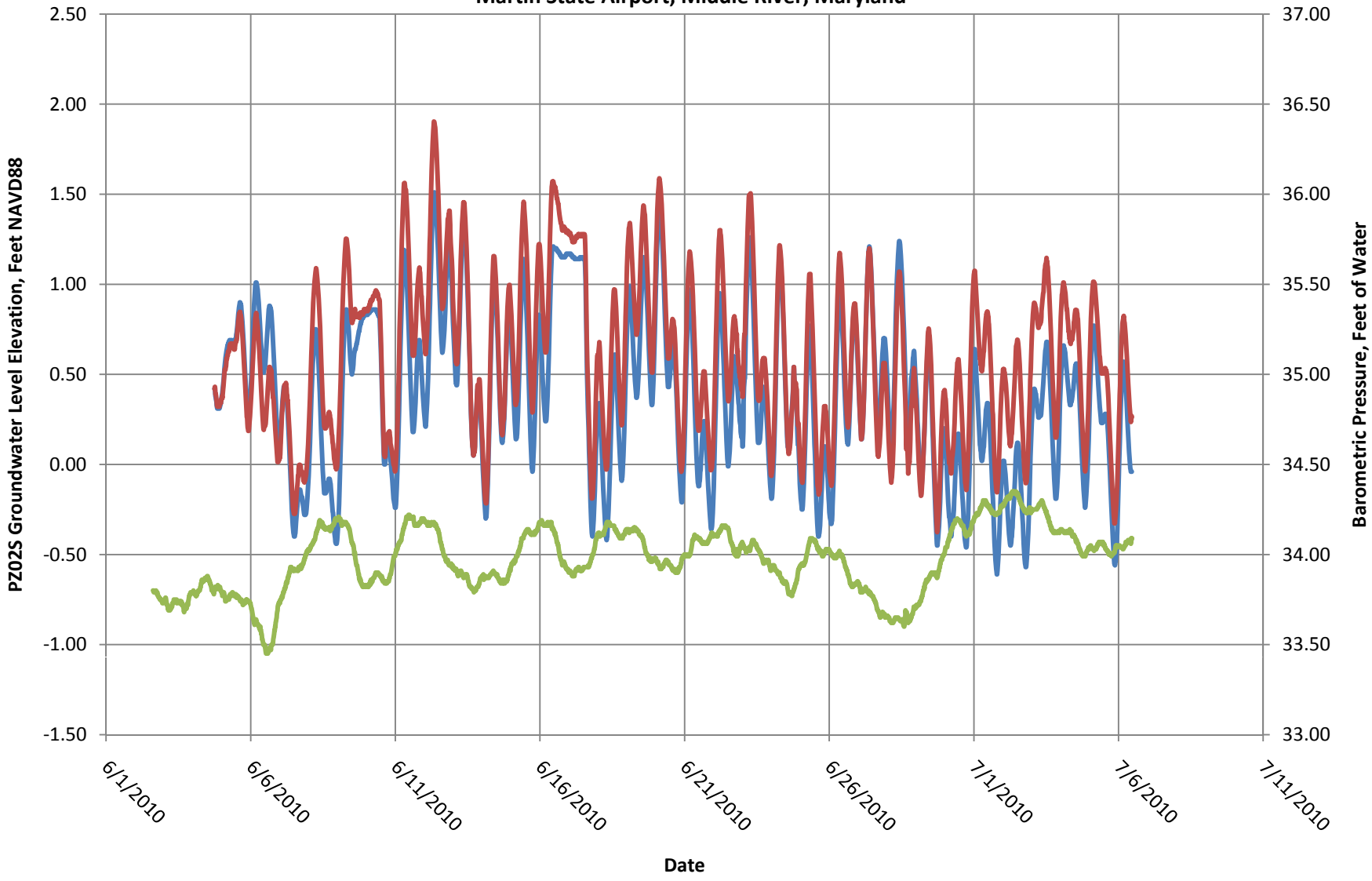


Figure F-17
Plots of Water Level Elevations -Well PZ02I and Barometric Pressure
Martin State Airport, Middle River, Maryland

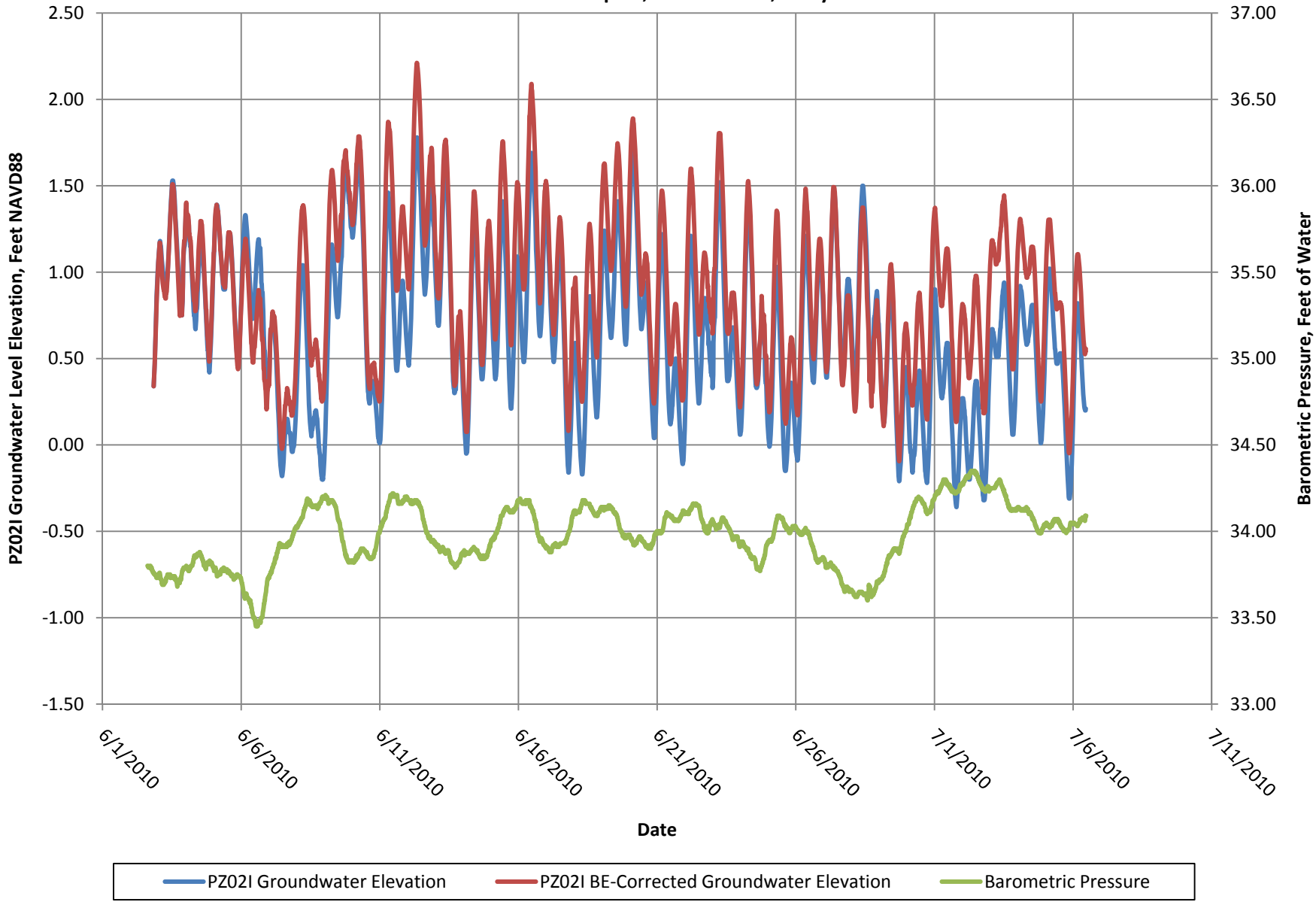
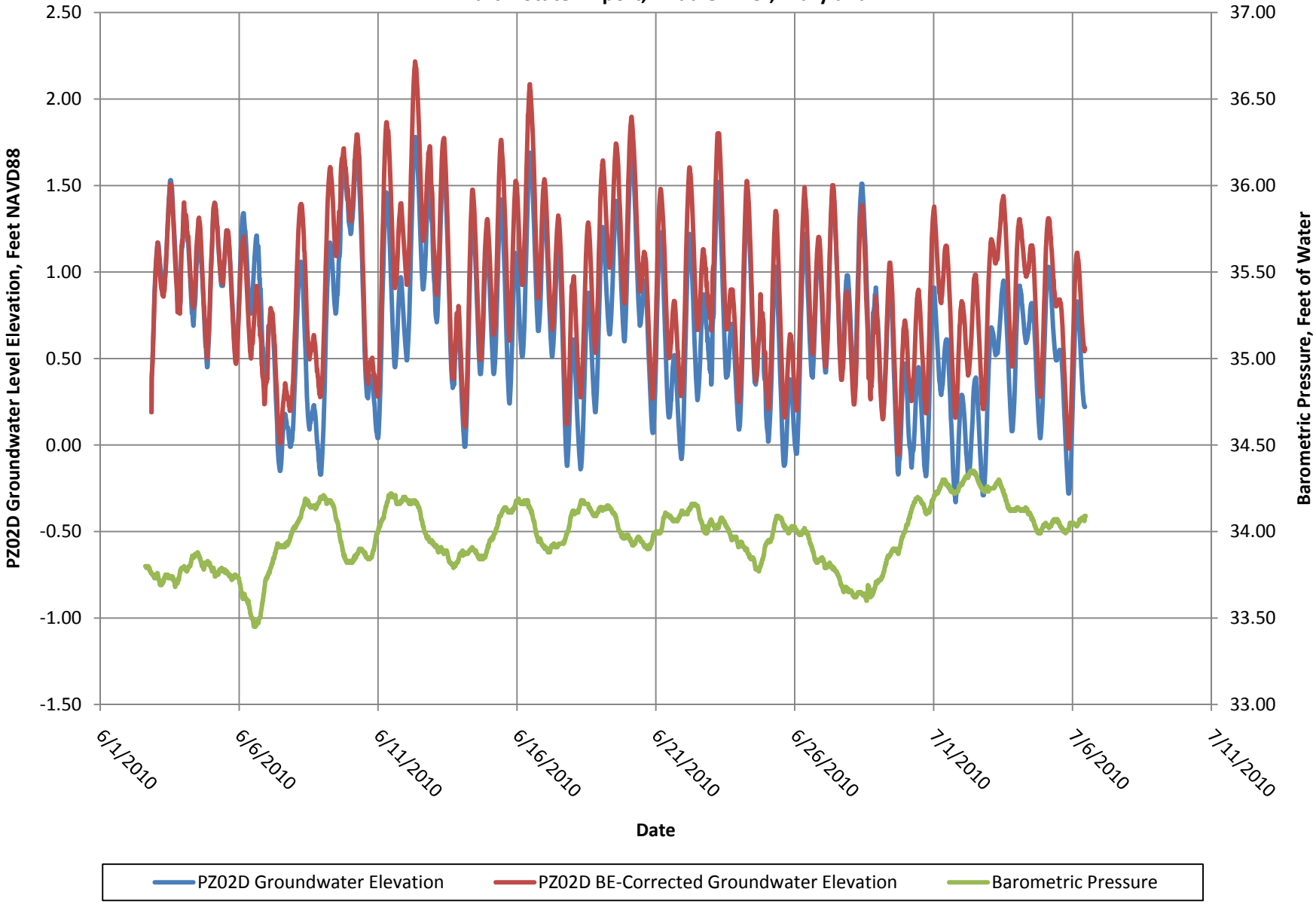


Figure F-18
Plots of Water Level Elevations -Well PZ02D and Barometric Pressure
Martin State Airport, Middle River, Maryland



APPENDIX G— PIEZOMETER SURVEY REPORT

Table G-1

Land Survey Report for Piezometers and Staff Gage - Conrad's Ruth Villa and Parkside Marina
Lockheed Martin, Martin State Airport, Middle River, Maryland

Piezometers - Ruth Villa June 2010					
Horizontal Datum= Maryland State Plane Coordinates NAD83					
Vertical Datum=NAVD88					
Well	Northing (Y)	Easting (X)	Elevation (Ground)	Elevation (Riser)	Elevation (Top of Casing)
PZ 01 (S)	605455.41	1480759.61	-	2.77	2.97
PZ 01 (I)	605457.01	1480759.07	-	3.02	3.22
PZ 01 (D)	605453.61	1480760.35	-	2.72	2.92
PZ 02 (D)	605079.21	1480838.59	-	2.13	2.34
PZ 02 (S)	605079.65	1480839.28	-	2.11	2.31
PZ 02 (I)	605080.04	1480840.20	-	2.13	2.33
Staff Gauge	605450.59	1480546.40	-	2.83	-

NAD = North American Datum of 1983
NAVD = North American Vertical Datum of 1988

APPENDIX H— GEOTHERMAL WELL PERMIT WITH DRILLER'S LOG

DRILL[redacted]AND RETAIN FOR YOUR RECORDS. RETURN COUNTY COPY TO COUNTY ENVI[redacted]CY. SUBMIT COPY TO OWNER. RETURN ALL OTHER PARTS TO DEPARTMENT OF E[redacted]2500 BROENING HIGHWAY, BALTIMORE, MARYLAND 21224.

1

C 1 4725 — SEQUENCE NO. (MDE USE ONLY)
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
WELL COMPLETION REPORT
FILL IN THIS FORM COMPLETELY
PLEASE TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER

ST/CO USE ONLY
DATE Received: MM DD YY

DATE WELL COMPLETED: MM 12 DD 23 YY 08

Depth of Well: 250 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL": BA-95-2746

OWNER Conrad's Ruth Vita
STREET OR RFD 3301 Edwards Lane TOWN Baltimore
SUBDIVISION SECTION LOT

WELL LOG
Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET FROM	FEET TO	check if water bearing
Brown + White Sand	0	9	
White Clay	9	21	
Brown + White Sand	21	45	
White Clay	45	55	
Brown + White Sand	55	75	
White Sand + Clay	75	105	
Brown + White Sand	105	145	
Red + White Clay	145	155	
Red Clay	155	180	
Brown, White + Red Clay	205	228	
Sand + gravel	228	250	

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED: YES (Y) NO (N)

CIRCLE APPROPRIATE LETTER
- A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED
- E ELECTRIC LOG OBTAINED
- P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO.: M D 355
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)
LIC. NO.: MS D 161

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box): YES (Y) NO (N)
TYPE OF GROUTING MATERIAL (Circle one): CEMENT (CM) BENTONITE CLAY (BC)
NO. OF BAGS 12 NO. OF POUNDS 600
GALLONS OF WATER 30
DEPTH OF GROUT SEAL (to nearest foot): from 0 TOP ft. to 250 BOTTOM ft. (enter 0 if from surface)

CASING RECORD
casing types insert appropriate code below: STEEL (ST), CONCRETE (CO), PLASTIC (PL), OTHER (OT)

MAIN CASING TYPE	Nominal diameter top (main) casing (nearest inch)	Total depth of main casing (nearest foot)

OTHER CASING (If used) — EACH CASING: diameter (inch); depth (feet) from / to

SCREEN RECORD
screen type or open hole insert appropriate code below: STEEL (ST), BRASS BRONZE (BR), PLASTIC (PL), OPEN HOLE (HO), OTHER (OT)

DEPTH (nearest ft.)

EACH SCREEN	from	to
1		
2		
3		

SLOT SIZE 1 ____ 2 ____ 3 ____
DIAMETER OF SCREEN ____ (NEAREST INCH)

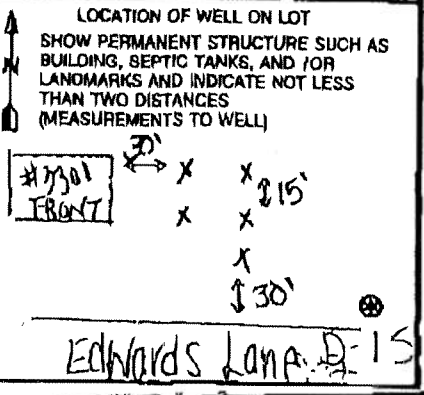
GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)
T (E.R.O.S.) W Q
TELESCOPE CASING | LOG INDICATOR | OTHER DATA

PUMPING TEST
HOURS PUMPED (nearest hour)
PUMPING RATE (gal. per min.)
METHOD USED TO MEASURE PUMPING RATE
WATER LEVEL (distance from land surface)
BEFORE PUMPING ____ ft.
WHEN PUMPING ____ ft.
TYPE OF PUMP USED (for test): air (A), centrifugal (C), jet (J), piston (P), rotary (R), submersible (S), turbine (T), other (describe below) (O)

PUMP INSTALLED
DRILLER INSTALLED PUMP (CIRCLE) (YES or NO)
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.
TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29.
CAPACITY: GALLONS PER MINUTE (to nearest gallon)
PUMP HORSE POWER
PUMP COLUMN LENGTH (nearest ft.)
CASING HEIGHT (circle appropriate box and enter casing height): above (+) / below (−) LAND SURFACE (nearest foot)

LOCATION OF WELL ON LOT
SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND /OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



COUNTY