Semiannual Groundwater Monitoring Report
First Quarter and Second Quarter 2003
Lockheed Martin Corporation
Beaumont Site 1



LOCKHEED MARTIN

Tetra Tech, Inc.
3475 E Foothill Blvd.
Pasadena, California
TC# 13062-03 / November 2003

TABLE OF CONTENTS

1.0 INTRODUCTION 1-1
1.1 SITE BACKGROUND 1-1
1.2 PREVIOUS GROUNDWATER MONITORING 1-3
1.3 CURRENT GROUNDWATER MONITORING PLAN 1-3

2.0 SITE CONCEPTUAL MODEL 2-5
2.1 PHYSICAL SETTING 2-5
2.2 GEOLOGY 2-5
2.2.1 Regional Geology 2-5
2.2.2 Local Geology 2-5
2.3 HYDROGEOLOGY 2-9
2.4 GROUNDWATER QUALITY SUMMARY 2-11
2.4.1 Horizontal Extent of COPCs 2-14
2.4.2 Vertical Extent of COPCs 2-14

3.0 SUMMARY OF GROUNDWATER MONITORING 3-1
3.1 GROUNDWATER LEVEL MEASUREMENTS 3-1
3.2 GROUNDWATER SAMPLING 3-1
3.2.1 Proposed and Actual Wells Sampled 3-1
3.2.2 Field Sampling and QA/QC Procedures 3-11
3.2.3 Decontamination and Purge Water Disposal 3-11

4.0 GROUNDWATER MONITORING RESULTS 4-1
4.1 GROUNDWATER ELEVATIONS 4-1
4.2 GROUNDWATER TEMPORAL TRENDS 4-1
4.3 GROUNDWATER FLOW DIRECTION 4-1
4.4 ANALYTICAL DATA SUMMARY 4-8
4.5 CHEMICALS OF POTENTIAL CONCERN (COPCS) 4-8
4.5.1 Organic Analytes 4-12
4.5.2 Inorganic Analytes 4-13
4.5.3 Spatial Distribution 4-14

5.0 SUMMARY AND CONCLUSIONS 5-1

6.0 REFERENCES 6-1

7.0 ACRONYMS 7-1

LIST OF FIGURES

Figure 1-1 Site Location Map 1-2
Figure 1-2 Groundwater Monitoring Plan - Water Quality Monitoring Locations 1-4
Figure 2-1 Physical Setting, Beaumont Site 1 2-6
Figure 2-2 Regional Geology 2-7
Figure 2-3 Water Table Profile 2-10
Figure 2-4 April 1993 Groundwater Contours for Shallow and Intermediate Wells 2-12
Figure 2-5 May 2002 Groundwater Contours for Shallow and Intermediate Wells 2-13

Figure 3-1 Well Location Map – Second Quarter 2003 3-10
Figure 4-1 March 2003, First Quarter Groundwater Contours 4-6
Figure 4-2 July 2003, Second Quarter Groundwater Contours 4-7
Figure 4-3 Perchlorate Concentrations (µg/L) detected during Second Quarter 2003 4-15
Figure 4-4 1,4-Dioxane Concentrations (µg/L) -Second Quarter 2003 4-16
Figure 4-5 TCE Concentrations (µg/L) -Second Quarter 2003 4-18
Figure 4-6 1,1-DCE Concentrations (µg/L) -Second Quarter 2003 4-19

LIST OF TABLES

Table 3-1 Monitoring Well List and Sample Matrix 3-2
Table 3-2 Well Construction Summary Table 3-5
Table 4-1 Groundwater Elevations-First Quarter, March 2003 4-2
Table 4-2 Groundwater Elevations-Second Quarter, July 2003 4-4
Table 4-3 Beaumont Site 1 Groundwater COPCs 4-8
Table 4-4 Groundwater Analytical Data Summary – Detected Organic Analytes Only 4-9
Table 4-5 Groundwater Analytical Data Summary – Detected Inorganic Analytes Only 4-11
Table 4-6 Summary Statistics of Detected Organic Analytes 4-12
Table 4-7 Summary Statistics of Detected Inorganic Analytes 4-13

APPENDICES

APPENDIX A Validated Analytical Results by Method
APPENDIX B Water Level Hydrographs
APPENDIX C Chemicals of Potential Concern (COPC) Time-Series Graphs
APPENDIX D Field Data Sheets
APPENDIX E Laboratory Analytical Data Packages

1.0 INTRODUCTION

1.0 INTRODUCTION

This report presents the results of the first quarter and second quarter 2003 groundwater monitoring for Lockheed Martin's Beaumont Site 1 property. Beaumont Site 1 is located south of the City of Beaumont, California (herein referred to as the Site). The Site was operated from 1960 to 1974 for rocket motor production activities by Lockheed Propulsion Company (LPC). Currently, the Site is inactive with the exception of the remedial activities performed under a Consent Order (88/89-034) and Operation and Maintenance Agreement (O&M Agreement 93/94-025) with the Department of Toxic Substances Control (DTSC).

This report documents the results of the ongoing quarterly water level and semiannual water quality monitoring for the Site Groundwater Monitoring Program (GMP). Water level data from the first quarter and second quarter 2003, and water quality data from the second quarter 2003 are included in this report. This Semiannual Groundwater Monitoring Report contains the following: data validation criteria and results; tabulated groundwater elevation and water quality data; water level hydrographs; groundwater elevation contour maps; perchlorate, 1,4-dioxane, 1,1-dichloroethylene (1,1-DCE), and trichloroethylene (TCE) concentration maps; and perchlorate, 1,4-dioxane, 1,1-DCE, TCE, 1,1,1-trichloroethane (1,1,1-TCA), 1,1-dichloroethane (1,1-DCA), and 1,2-dichloroethane (1,2-DCA) time-series graphs.

1.1 SITE BACKGROUND

The Site is a 9,100-acre parcel located south of Beaumont, California (Figure 1-1). It was primarily used for ranching prior to the 1950's. From 1960 to 1974, the Site was used by the Grand Central Rocket Company and the LPC for rocket motor production (mixing of solid rocket fuel, curing of solid rocket fuel, and testing of solid rocket fuel motors) and ballistics testing (Tetra Tech, 2003a).

Activities at the Site also included the burning of process chemicals and waste rocket propellants in open pits, commonly referred to as the burn pit area (BPA). These disposal activities have affected the subsurface soil and groundwater, primarily with chlorinated solvents and rocket fuels (i.e., perchlorate). The affected groundwater from this area has migrated down gradient into the former Rocket Motor Production Area (RMPA). The primary chemical constituents detected include perchlorate, the volatile organic compounds (VOCs) TCE, TCA, and their degradation compounds, and the semi-volatile compound 1,4-dioxane.

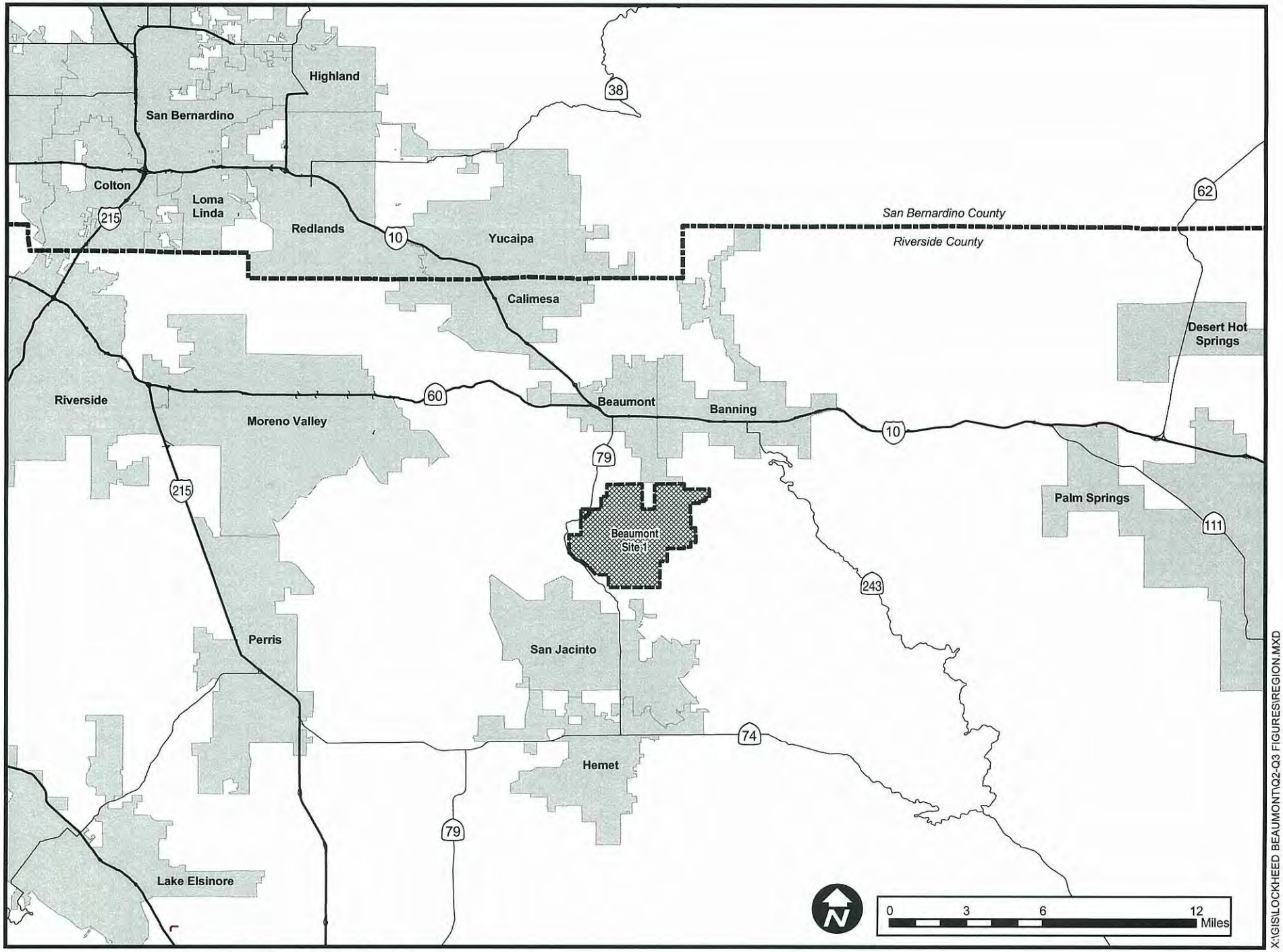


Figure 1-1 LMC Beaumont Site 1 Location Map

1.2 PREVIOUS GROUNDWATER MONITORING

Water level measurements have been collected at the Site since 1983. Monthly water level measurements were collected in 1991 and 1992 during the groundwater monitoring well installation activities at the Site. During 1993 and 1994, water level measurements from all the wells were collected periodically during 1993 and 1994. In 1995, water level measurements from all the wells at the Site were collected on a monthly basis. Quarterly water level measurements were collected between 1996 and 1998, and then from 1999 until the present semiannual water level measurements have been collected.

Water quality monitoring has been conducted since 1986 as part of frequent remedial investigations. A summary of the remedial investigations including associated well installation and monitoring activities is provided in the *Revised Groundwater Sampling & Analysis Plan, Lockheed Martin Corporation, Beaumont Site 1* (Tetra Tech, 2003b). Baseline groundwater sampling was performed on 111 wells between February and March 1993. Various subsets of the monitoring well network have been sampled on at least a semiannual basis since then.

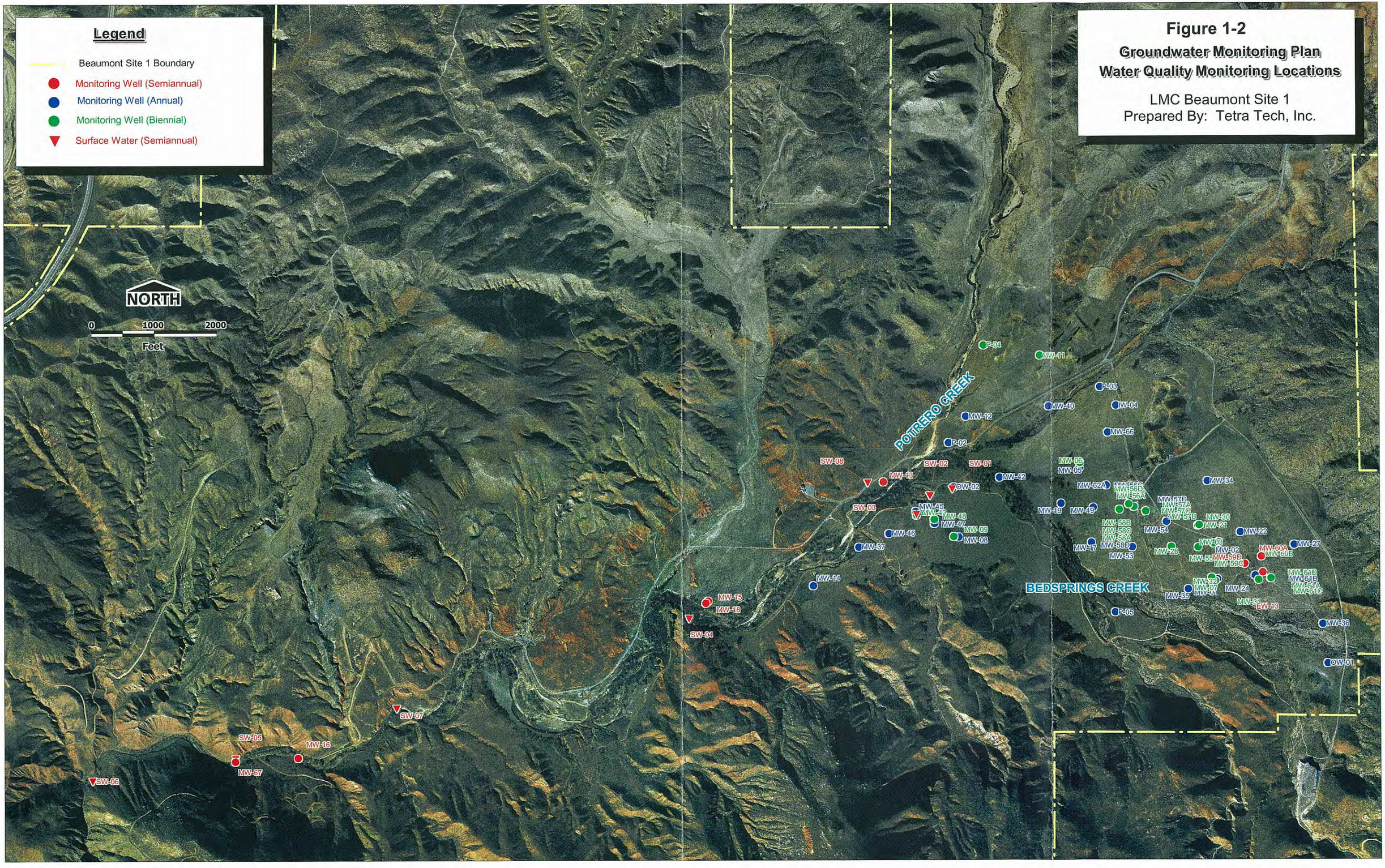
1.3 CURRENT GROUNDWATER MONITORING PLAN

The current groundwater monitoring plan (GMP) is outlined in the *Revised Groundwater Sampling & Analysis Plan, Lockheed Martin Corporation, Beaumont Site 1* (Tetra Tech, 2003b). The Beaumont Site 1 GMP consists of groundwater level measurements from 108 wells on a quarterly basis and water quality monitoring on 28 wells biennially, 35 wells annually, and 7 wells semiannually. In addition to the monitoring wells, surface water samples are collected from up to nine locations semiannually. Groundwater and surface water samples are analyzed for volatile organic compounds (VOCs), 1,4-dioxane, and perchlorate. Figure 1-2 shows the monitoring well and surface water locations and frequencies for the current groundwater monitoring plan.

Figure 1-2

Groundwater Monitoring Plan
Water Quality Monitoring Locations

LMC Beaumont Site 1
Prepared By: Tetra Tech, Inc.



2.0 SITE CONCEPTUAL MODEL

2.0 SITE CONCEPTUAL MODEL

The following sections describe the current site conceptual model for the Lockheed Martin Corporation's Beaumont Site 1. The discussion is divided into four main sections: physical setting, geology, hydrogeology, and groundwater contaminant distribution.

2.1 PHYSICAL SETTING

The Site is located south of the city of Beaumont at the northern end of the Peninsular Ranges Geomorphic Province. The Peninsular Ranges Province is dominated by a series of northwest-oriented mountain ranges extending from the Baja California Peninsula north to the Transverse Ranges near the San Jacinto and San Bernardino Mountains (Harden, 1998). Locally, Beaumont Site 1 is located in a small valley in the northeastern foothills of the San Jacinto Mountains known as San Jacinto Nuevo Y Portrero (Figure 2-1). This valley extends from the San Gorgonio Pass to the San Jacinto Valley and decreases approximately 1000 feet from north to south. Southwest of San Jacinto Nuevo Y Potrero, the topographic gradient of the valley steepens toward Massacre Canyon, which drains to the San Jacinto Valley.

2.2 GEOLOGY

The following sections describe the regional and local geology in the area of the Site based on previous investigations and reports.

2.2.1 Regional Geology

The regional geology and stratigraphy in the vicinity of the Site was mapped by Dibblee (1981) (Figure 2-2). The geologic units present in the area, from oldest to youngest, include: the basement complex of late Paleozoic to middle Mesozoic age metasedimentary rocks and Mesozoic granitic rocks; sedimentary deposits of the Pliocene to Pleistocene age Mount Eden Formation overlain by the sedimentary San Timoteo Formation; and Quaternary alluvium (Radian Corporation, 1990).

2.2.2 Local Geology

Findings from the geologic studies conducted at the site are consistent with the regional geologic mapping performed by Dibblee (1981). Three stratigraphic units that exist beneath the Site are the granitic/metasedimentary basement complex, Mount Eden Formation (unweathered and weathered), and Quaternary alluvium. The granitic basement complex is not discussed further since it is only present at depths greater than 200 feet bgs and is well below the base of the groundwater plume.

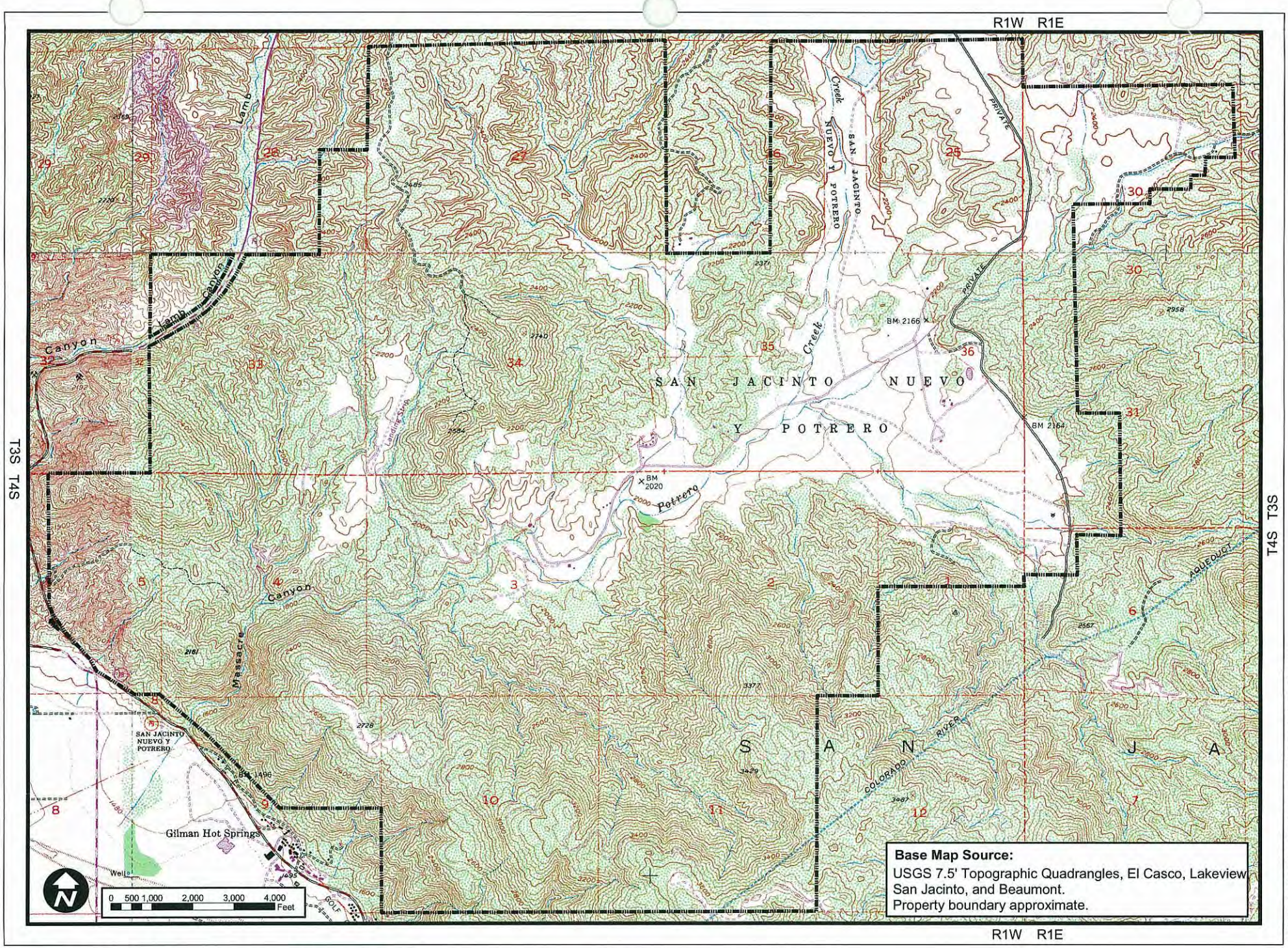
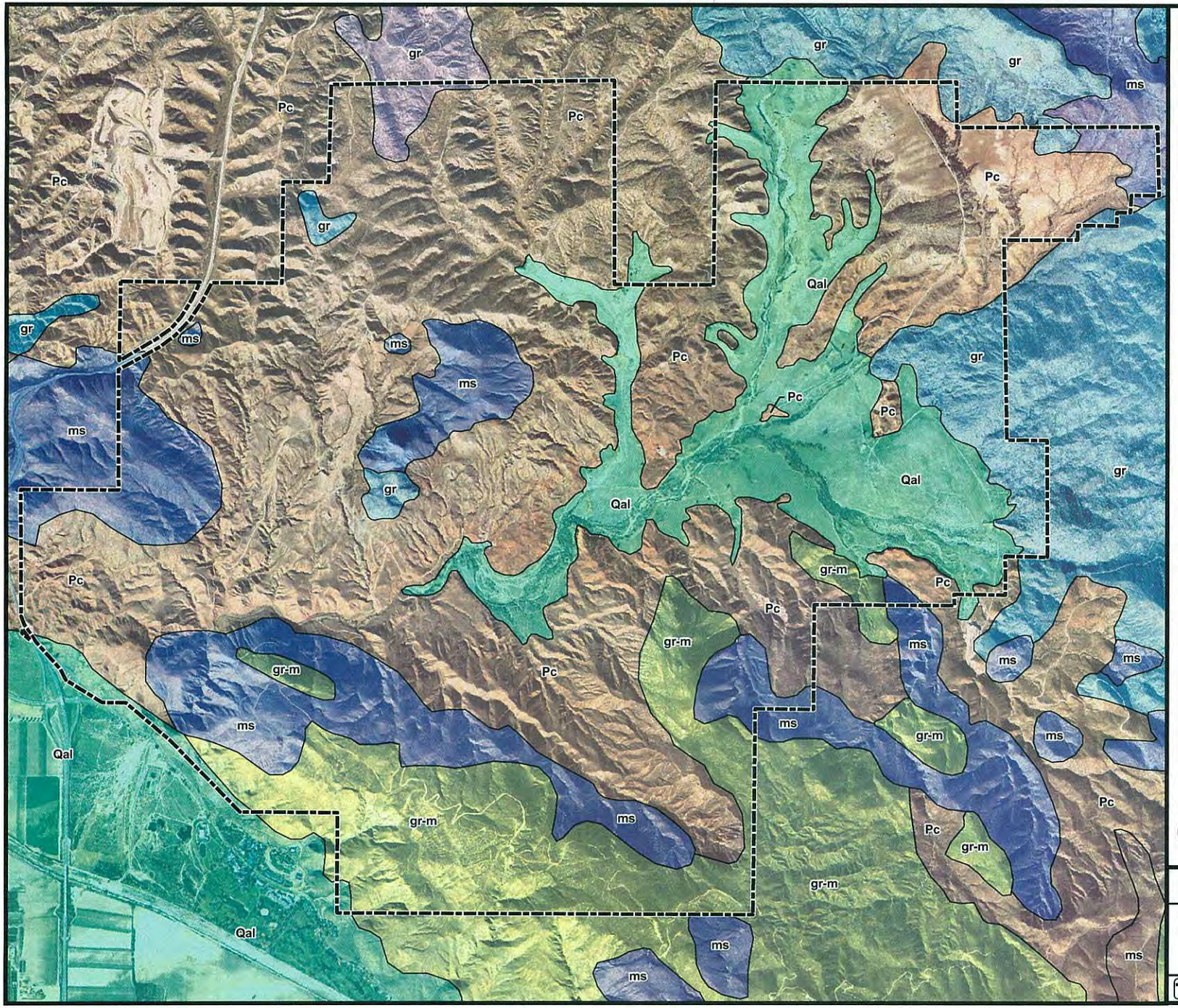


Figure 2-1 LMC Beaumont Site 1 Physical Setting



LMC Beaumont Site 1

Figure 2-2
Regional Geology

Note: Lockheed property boundary is approximate.
February 2002 aerial photograph.

Tetra Tech, Inc. November 2003

X:\GIS\LOCKHEED BEAUMONT\Q2-Q3 FIGURES\GEOLOGY.MXD

Mount Eden Formation

The varying thickness of the Tertiary-Quaternary Mount Eden Formation at the Site is the result of faulting in the area and the erosional topography of the pre-Pliocene bedrock surface (Radian, 1992a). The Mount Eden Formation, when exposed at the surface, forms rounded steep-sided ridges around the perimeter of the valley. Beneath the BPA and near the RMPA, similar rounded or flat-topped steep-sided ridges extend out into the valley in the subsurface. The presence of these subsurface ridges is significant because they may influence the flow of groundwater and migration of contaminants at the Site (Radian, 1992a). Where encountered in boreholes, the Mount Eden Formation varies in the degree of weathering from being noticeably consolidated to loose similar to the overlying alluvium (Radian, 1992a).

Stratigraphic information for the Mount Eden Formation is primarily limited to the BPA and RMPA since only a few borings west (down gradient) of the RMPA have penetrated the unit. Locally, the Mount Eden Formation is primarily a fine- to coarse-grained sandstone with gravelly lenses (conglomerates) that do not appear to continue laterally in cross section. The irregular Mount Eden Formation / alluvium contact is a result of erosional features combined with displacement and/or offset from faulting in the area.

Quaternary Alluvium (Older and Younger Alluvium)

Both the older and younger alluvium were deposited as the result of erosion and subsequent infilling of channels in the older underlying rocks, predominantly the Mount Eden Formation (Radian, 1992b). The present day surface of the alluvium within the valley slopes gently towards the existing stream channels. The present day alluvial surface is incised from about 5 to 15 feet along Bedsprings Creek and its tributaries and up to more than 30 feet in the northern portion of Potrero Creek. The alluvium extends laterally to the edges of the valley and up the stream channels to the north and a short distance up the stream channels on the south and east side of the valley. To the southwest, the alluvium becomes narrower along Potrero Creek towards the entrance of Massacre Canyon and is not present in the lower reaches of the canyon where the width of the stream course is less than 50 feet wide (Radian, 1992a).

The alluvium is predominantly sand and silty sand with interbedded gravels, sands, silts, and clays with the predominant lithologies being sand and silty sand. In general, the base of the alluvium is coarser grained and the finer grained material is present in the shallow sediments. In the northern and western portions of the valley, the alluvium is finer grained where the source material is the finer grained San Timoteo Formation. In the northeastern portion of the valley, where the source material is the Mount Eden Formation or the granitic rocks, the alluvium is generally fine to coarse grained (Radian, 1992a). As

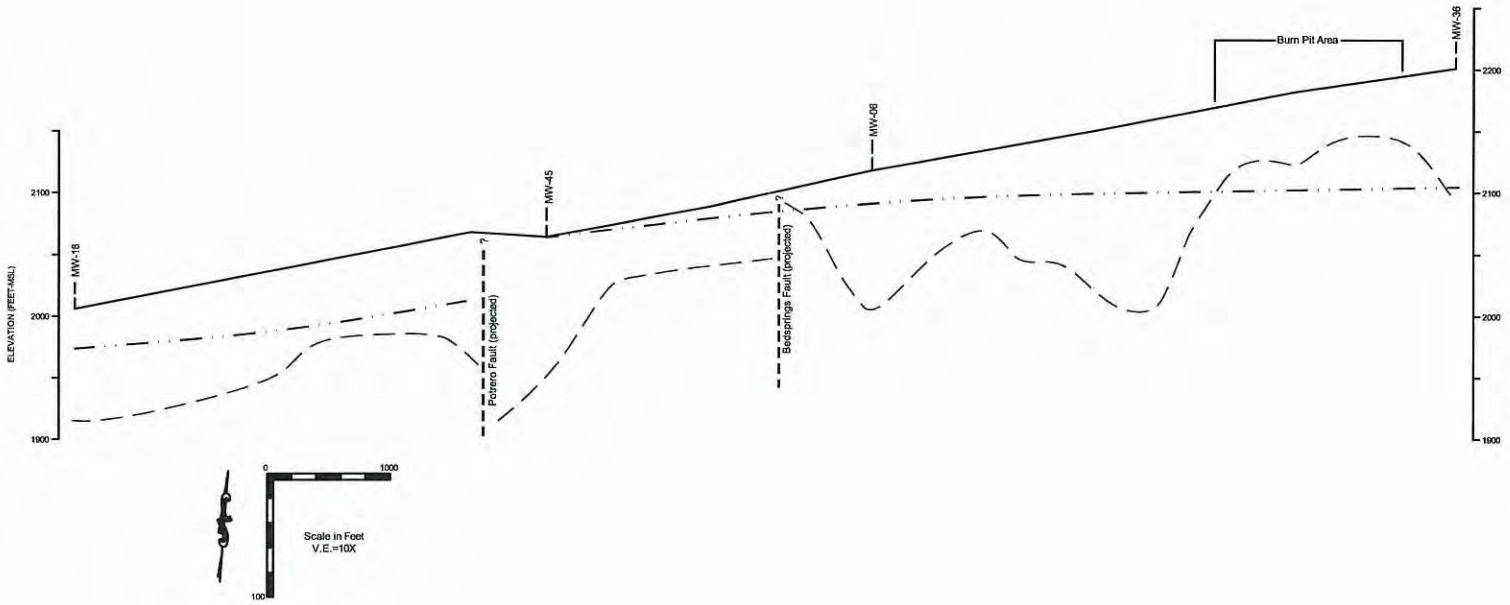
expected with alluvial deposits, the lithology is laterally heterogeneous and individual lenses cannot usually be correlated between borings.

Coarse grained material including pebbles and gravels are present at various depths and tend to be more prominent towards the center of the valley than on the fringes. In the eastern portion of the site near the BPA and RMPA, fine grained sediments including silts and sandy silts ranging in thickness from 10 to 25 feet were observed in the shallow alluvium. In addition, a 10 to 15 foot clay layer was observed in the central portion of the valley near the convergence of Potrero Creek and Bedsprings Creeks.

2.3 HYDROGEOLOGY

Several previous reports discuss in detail the occurrence and movement of groundwater at the Site (Leighton and Associates, 1983, Radian, 1990, and Radian, 1992a). A summary of the general findings from these reports is provided in this section along with an update of the current conditions based on recent investigations and data collected at the Site (Tetra Tech, 2002).

Groundwater occurs in each of the major geologic units beneath the Site including the Quaternary Alluvium, Mount Eden Formation, and the Granitic / Metasedimentary basement complex. Groundwater is present in the alluvium in the majority of the valley except in areas where the underlying Mount Eden Formation rises above the water table. Figure 2-3 shows the water table, geologic contact of the Mount Eden Formation and the overlying alluvium, local faulting (Potrero and Bedsprings faults), and the slope of the valley along the longitudinal axis. Groundwater is present in the Mount Eden Formation either where the alluvium is not present at the water table or at depth below the saturated alluvium. Reportedly, groundwater in the granitic basement occurs only in fractures and joints in the unit at great depth (Radian, 1992a). Artesian conditions were encountered during drilling of deep borings (Radian, 1992a). Based on the one well currently screened in the granitic basement rock, the water level is currently 10 feet lower than water levels in wells screened within the Mount Eden Formation. This supports previous studies, which indicated that the Mount Eden Formation acts as a confining layer separating the shallow unconfined groundwater from the deep granitic groundwater (Radian, 1992a). The GMP focuses on monitoring of the groundwater within the alluvium and shallow/weathered Mount Eden Formation where the contaminant plume is present. The impacted groundwater is almost entirely limited to these units and the plume does not appear to extend down into the deeper Mount Eden Formation or granitic/metasedimentary basement complex.



Legend

— · · — Approximate Groundwater Surface

— — — Contact of the Mt. Eden Formation

LMC Beaumont Site 1
Water Table Profile

Figure 2-3

X:\JOB\LOCKHEED BEAUMONT\02-03 FIGURES\2R-THALF

Groundwater at the Site flows mainly through the unconsolidated alluvium and unconsolidated to consolidated Mount Eden Formation. Sediments from the alluvium and Mount Eden Formation consist of alluvial deposits from former streambeds, floodplains, lakes, and alluvial fans. Although the alluvium and the weathered Mount Eden Formation are two different geologic units, potentiometric heads, water level responses to seasonal recharge, and water quality data indicate that the two units are in hydraulic communication and should be considered a single aquifer.

Groundwater Flow Direction

Generally, groundwater flows northwest from the BPA beneath the RMPA towards Potrero Creek where the flow turns and begins heading southwest parallel to the flow direction of Potrero Creek into Massacre Canyon. However, the groundwater flow direction from the BPA down gradient through the RMPA changes during periods of low precipitation (dry periods) and periods of high precipitation (wet periods). Figures 2-4 and 2-5 show groundwater contour maps for both a wet period (April 1993) and a dry period (May 2002), respectively. As seen in Figure 2-4 during wet periods the groundwater flow direction from the BPA through the RMPA is primarily north-northwest. Conversely, during dry periods the groundwater flow direction from the BPA through the RMPA is southwest to west (Figure 2-5). This seasonal change in flow direction from the south that occurs from the increased recharge in the Bedsprings Creek area during the wet periods is an important factor in understanding the plume morphology, particularly in the northern portion of the Site. This change in the flow direction, from the source area towards the north-northwest, has had a direct effect on the spatial distribution of the chemicals of potential concern (COPCs) at the Site.

Hydraulic Conductivity Distribution

The hydraulic conductivity (K) values calculated for the Site range over four orders of magnitude, which is reasonable for alluvial aquifer systems. In general, hydraulic conductivity at the Site decreases with depth with the exception of the shallow fine-grained sediments, which could be a result of the heterogeneity associated with the meandering stream depositional environment.

2.4 GROUNDWATER QUALITY SUMMARY

Groundwater quality has been monitored at Beaumont Site 1 since 1986. The primary COPCs at the Site include perchlorate, 1,4-dioxane, TCE and 1,1-DCE, as well as the additional chlorinated compounds 1,2-DCA, 1,1-DCA, and 1,1,1-TCA, which have also been routinely detected in the groundwater. This section describes the horizontal and vertical extent of COPCs at the Site as of May 2002.

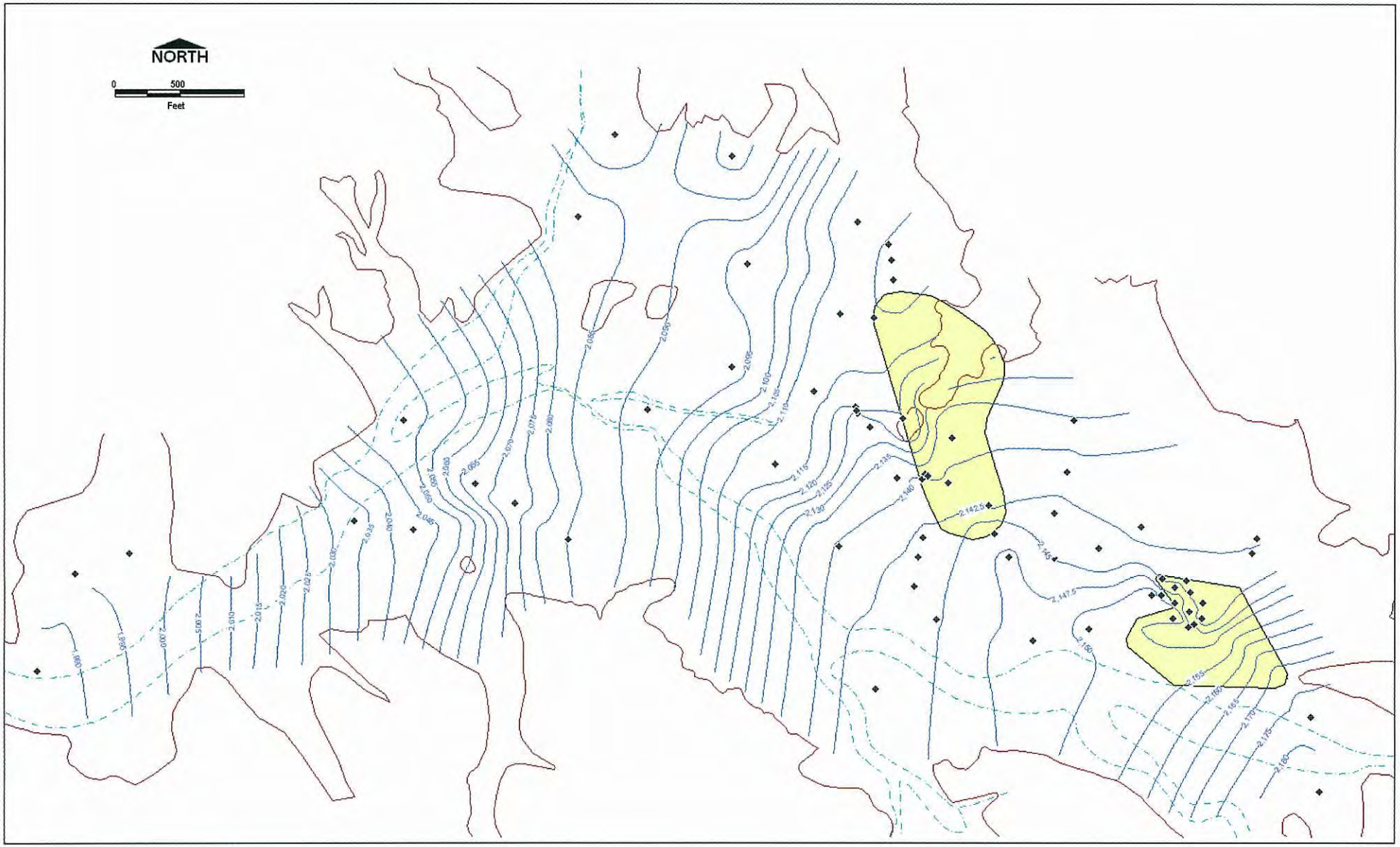


Figure 2-4 April 1993 Water Level Contour for Shallow and Intermediate Wells

April 1993 = Wet Period without Remedial Operations

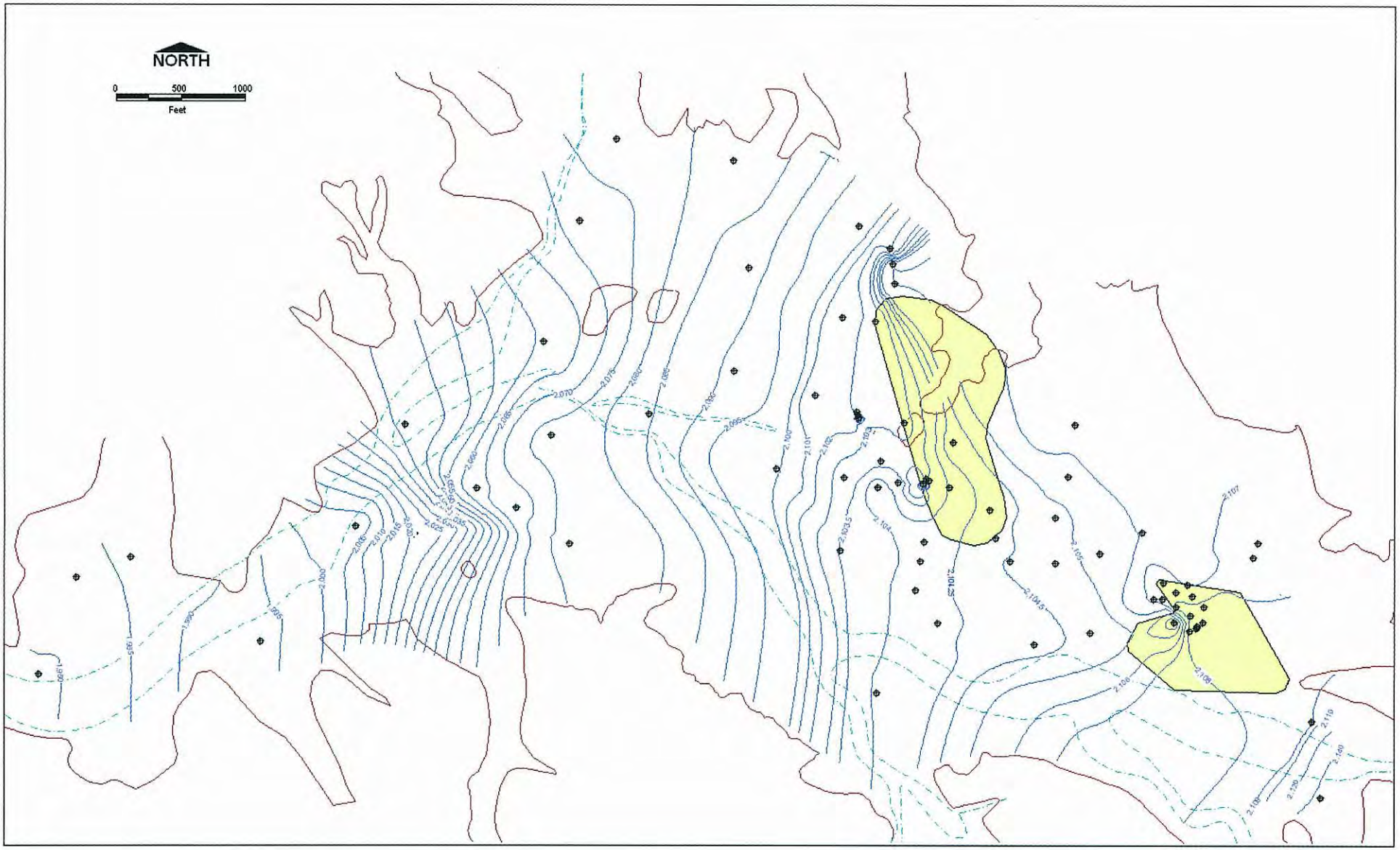


Figure 2-5 May 2002 Water Level Contour for Shallow and Intermediate Wells

May 2002 = Dry Period with Remedial Operations

2.4.1 Horizontal Extent of COPCs

The horizontal extent of the COPCs is described below by chemical.

- **Perchlorate** - The highest concentrations of perchlorate (141 mg/L in EW-15) were detected at the BPA. The concentrations rapidly decrease by several orders of magnitude outside the footprint of the BPA and down gradient of the source area. Down gradient of the BPA, perchlorate concentrations in the RMPA do not exceed 5 mg/L, however low-level concentrations are widespread especially in the south-central portion of the Site. The limits of the perchlorate plume are unknown in the eastern and southeastern portion of the site due to the lack of monitoring wells in these areas that define the limits of the plume. The down gradient limits of the perchlorate plume (4 µg/L) are defined by monitoring wells MW-15 and MW-18.

- **1,4 – Dioxane –** The 1,4-dioxane plume is very similar to the TCE and 1,1-DCE plumes except in the western portions of the Site where 1,4-dioxane extends farther into Massacre Canyon. The highest concentrations of 1,4-dioxane (590 µg/L in EW-15) were detected at the BPA. The concentrations rapidly decrease to less than 100 µg/L just down gradient of the source area. The 1,4-dioxane plume is relatively narrow and defined except in the northeastern and southeastern portions of the site where the low-level plume boundary is uncertain. Approximately 7,000 feet down gradient of the RMPA, 1,4-dioxane concentrations decrease to near 10 µg/L.

- **TCE** - The spatial distribution of TCE in May 2002 has the highest concentrations (8,300 µg/L in EW-13) detected at the BPA. The concentrations rapidly decrease to around 100 µg/L just down gradient of the source area. The TCE plume is relatively narrow and defined except in the northeastern and southeastern portions of the site where the low-level plume boundary is uncertain. Approximately 3,000 feet down gradient of the RMPA, TCE concentrations decrease to near 10 µg/L. The down gradient limits of the TCE plume (5 µg/L) are defined by monitoring wells MW-15 and MW-18.

- **1,1-DCE** - The distribution of 1,1-DCE in May 2002 has the highest volatile organic concentrations (26,000 µg/L in EW-13) detected at the Site. The highest concentrations, by two-orders of magnitude, are detected at the BPA. The 1,1-DCE plume is very similar to the TCE plume and may have originated from the same source. The plume is relatively narrow and defined except in the northeastern portion of the site where the low-level plume boundary is unknown. Approximately 3,000 feet down gradient of the RMPA, concentrations decrease to near 10 µg/L except for one area (MW-42) that may represent a pulse of contamination from the source area due to changing site conditions. The down gradient limits of the 1,1-DCE plume (5 µg/L) are defined by monitoring wells MW-15 and MW-18.

2.4.2 Vertical Extent of COPCs

At the BPA (primary source area), COPC concentrations are the highest in the shallow Mount Eden wells screened near the water table. Vertically, the COPCs extend from about 80 feet bgs (water table) to approximately 160 feet bgs. Therefore, at the source area the vertical limits of the plume extend less than 100 feet below the water table.

Down gradient of the BPA near the RMPA, COPC concentrations are the highest in the shallow alluvial wells screened near the water table. In this area, the subsurface ridge of the Mount Eden Formation

beneath the BPA is not present and the thickness of the alluvium greatly increases. As a result, the water table and mass of the plume transitions from the Mount Eden Formation in the BPA to the alluvium. Vertically, the COPCs extend from about 45 feet bgs (water table) to approximately 100 feet bgs near the alluvium/Mount Eden contact. Therefore, in the area of the RMPA, the vertical limits of the plume extend less than 60 feet below the water table.

Down gradient of the RMPA in the Northern Potrero Creek Area, COPC concentrations appear to be the highest in the shallow Mount Eden and alluvium wells. However, since vertical well clusters near the axis of the plume in this area are limited, information regarding the vertical extent of contamination is primarily based on single wells and the trends observed in the RMPA. Vertically, the COPCs extend from the water table (artesian to 40 feet bgs) to approximately 60 feet bgs. In the Northern Potrero Creek Area the vertical limits of the plume appear to extend less than 60 feet below the water table based on the information available.

Down gradient of the Northern Potrero Creek Area, there are only a limited number of single wells and one vertical well pair (MW15/18) to evaluate the vertical extent of contamination. Based on sampling results from 1993, it appears that the groundwater COPCs are only present in the very upper portion of the aquifer at the water table. However, more recent sampling results show that the COPC concentrations in MW-15 and MW-18 are similar indicating that the vertical limits of the plume may extend from the water table (~ 30 feet bgs) to approximately 90 feet bgs. Therefore, in the Massacre Canyon Entrance Area the vertical limits of the plume may extend approximately 60 feet below the water table based on the information from MW15/18.

3.0 SUMMARY OF GROUNDWATER MONITORING

3.0 SUMMARY OF GROUNDWATER MONITORING

The following sections summarize the first quarter and second quarter 2003 groundwater monitoring conducted at the Site. The results from these monitoring events are discussed in Section 4.

3.1 GROUNDWATER LEVEL MEASUREMENTS

Groundwater level measurements were collected for the first quarter and second quarter 2003 monitoring events. Tetra Tech collected the first quarter 2003 water level measurements in March 2003 and the second quarter 2003 water level measurements in July 2003.

For the first quarter 2003, 108 monitoring and extraction wells were proposed for water level measurements. Two wells were observed to be dry and measurements from two wells could not be collected due to obstructions/damaged casings. A tabulated summary of the groundwater elevations from the first quarter event is presented in Section 4 (Table 4-1). For the second quarter 2003, 109 monitoring and extraction wells were proposed for water level measurements. Two of the 109 wells were observed to be dry and one was not accessible due to an obstruction. A tabulated summary of the groundwater elevations for the second quarter event is presented in Section 4 (Table 4-2).

3.2 GROUNDWATER SAMPLING

Groundwater sampling, analytical, and Quality Assurance/Quality Control (QA/QC) procedures for the second quarter water quality monitoring event are described in the *Revised Groundwater Sampling & Analysis Plan, Lockheed Martin Corporation, Beaumont Site 1* (Tetra Tech, 2003b). Table 3-1 lists all the wells proposed for this monitoring event including the analytical methods requested, sampling dates, QA/QC samples collected, and field notes.

3.2.1 Proposed and Actual Wells Sampled

For the second quarter 2003 monitoring event, a total of 83 sampling locations (wells and surface water locations) were proposed for water quality monitoring. Due to biological constraints associated with the Stephen's kangaroo rat, 31 wells were not accessible for sampling. In addition, two surface water sampling locations were dry. Therefore, water quality data was collected from 50 locations consisting of one injection well, 37 monitoring wells, three observation wells, two piezometers, and seven surface water locations (Table 3-1). Table 3-2 is a summary of the well construction data for the wells sampled during this event. Figure 3-1 shows the locations of all the wells and surface water locations for the second quarter 2003 event.

Table 3-1
Monitoring Well List and Sample Matrix
Lockheed Martin - Beaumont
Second Quarter 2003

Monitoring Well or Sample Location	Sample Date	VOCs/EPA 8260B, MTBE	1,4-Dioxane	Perchlorate	Comments and QA/QC Samples
EW-13		X	X	X	Well not accessible*
IW-04	7/25/03	X	X	X	
MW-01	7/30/03	X	X	X	
MW-02		X	X	X	Well not accessible*
MW-03	7/31/03	X	X	X	
MW-05	7/30/03	X	X	X	Duplicate MW-105
MW-06	7/25/03	X	X	X	Duplicate MW-106
MW-07		X	X	X	Well not accessible*
MW-08	7/22/03	X	X	X	
MW-09	7/22/03	X	X	X	
MW-11		X	X	X	Well not accessible*
MW-12	7/23/03	X	X	X	
MW-13	7/28/03	X	X	X	
MW-14		X	X	X	Well not accessible*
MW-15	7/21/03	X	X	X	Duplicate MW-115
MW-16	7/31/03	X	X	X	
MW-17	7/24/03	X	X	X	
MW-18	7/21/03	X	X	X	
MW-19	7/25/03	X	X	X	
MW-20		X	X	X	Well not accessible*
MW-21		X	X	X	Well not accessible*
MW-22		X	X	X	Well not accessible*
MW-24		X	X	X	Well not accessible*
MW-26		X	X	X	Well not accessible*
MW-27		X	X	X	Well not accessible*
MW-28		X	X	X	Well not accessible*
MW-30		X	X	X	Well not accessible*
MW-31		X	X	X	Well not accessible*
MW-32	7/31/03	X	X	X	
MW-34		X	X	X	Well not accessible*
MW-35	7/31/03	X	X	X	MS/MSD/Duplicate MW-135
MW-36	7/24/03	X	X	X	Duplicate MW-136
MW-37	7/23/03	X	X	X	

Table 3-1
Monitoring Well List and Sample Matrix
Lockheed Martin - Beaumont
Second Quarter 2003

Monitoring Well or Sample Location	Sample Date	VOCs/EPA 8260B, MTBE	1,4-Dioxane	Perchlorate	Comments and QA/QC Samples
MW-40	7/25/03	X	X	X	
MW-42	7/30/03	X	X	X	
MW-43	7/22/03	X	X	X	
MW-45	7/22/03	X	X	X	Duplicate MW-145
MW-46		X	X	X	Well not accessible*
MW-47	7/22/03	X	X	X	
MW-48	7/22/03	X	X	X	
MW-49	7/25/03	X	X	X	
MW-53		X	X	X	Well not accessible*
MW-54		X	X	X	Well not accessible*
MW-55		X	X	X	Well not accessible*
MW-56A	7/24/03	X	X	X	
MW-56B	7/29/03	X	X	X	
MW-56C	7/30/03	X	X	X	
MW-56D	7/29/03	X	X	X	
MW-57A		X	X	X	Well not accessible*
MW-57B		X	X	X	Well not accessible*
MW-57C		X	X	X	Well not accessible*
MW-57D		X	X	X	Well not accessible*
MW-58A	7/24/03	X	X	X	
MW-58B	7/29/03	X	X	X	
MW-58C	7/28/03	X	X	X	MS/MSD
MW-58D	7/29/03	X	X	X	
MW-59C	7/28/03	X	X	X	
MW-59D	7/29/03	X	X	X	
MW-60A		X	X	X	Well not accessible*
MW-60B		X	X	X	Well not accessible*
MW-61A		X	X	X	Well not accessible*
MW-61B		X	X	X	Well not accessible*
MW-61C		X	X	X	Well not accessible*
MW-61D		X	X	X	Well not accessible*
MW-62A	7/28/03	X	X	X	

Table 3-1
Monitoring Well List and Sample Matrix
Lockheed Martin - Beaumont
Second Quarter 2003

Monitoring Well or Sample Location	Sample Date	VOCs/EPA 8260B, MTBE	1,4-Dioxane	Perchlorate	Comments and QA/QC Samples
MW-66	7/30/03	X	X	X	
MW-67	7/21/03	X	X	X	MS/MSD
OW-01	7/24/03	X	X	X	
OW-02	7/22/03	X	X	X	
OW-08	7/23/03	X	X	X	MS/MSD
P-02	7/23/03	X	X	X	
P-03		X	X	X	Well not accessible*
P-04	7/23/03	X	X	X	
P-05		X	X	X	Well not accessible*
SW-01	7/22/03	X	X	X	
SW-02	7/22/03	X	X	X	
SW-03	7/22/03	X	X	X	
SW-04	7/21/03	X	X	X	
SW-05	7/21/03	X	X	X	
SW-06	7/21/03	X	X	X	
SW-07	7/21/03	X	X	X	
SW-08	NA	X	X	X	Dry
SW-09	NA	X	X	X	Dry

Total Sample Locations	**83**
Total Samples Collected	**50**
Sample Locations Not Accessible	**31**
Dry Sample Locations	**2**

Notes:
Shading indicates the wells not sampled or surface water samples not collected.
QA/QC - Quality Assurance/Quality Control
MS/MSD - Matrix Spike/Matrix Spike Duplicate Sample
(*) Well not accessible due to biological constraints associated with the Stephen's kangaroo rat.

Table 3-2
Lockheed Martin Corporation
Beaumount Site 1 Well Construction Data

Well I.D.	Date Installed	HSU	Depth Classi-fication	Elevation TOC (feet)	Depth to TOS (feet)	Depth to BOS (feet)	Screen Length (feet)	Reported Depth of Well (feet)	Borehole Diameter (inches)	Casing Diameter (inches) & Material	Screen Slot Size (inches) & Material	Drilling Method	Filter Pack	Northing Coordinate (y)	Easting Coordinate (x)
EW-01	9/22/1992	QA	S	2142.624	34.64	76.04	41.4	85	8	5 PVC	0.02 SS	Auger	#3 sand	2258178.806	6353216.577
EW-02	10/22/1992	QA	S	2126.151	25	66.48	41.48	70	12	4 PVC	0.02 SS	Auger	sand	2258684.835	6352717.483
EW-08	10/21/1992	ME	S	2178.396	60.55	112	51.45	115	10	4 PVC	0.02 SS	Auger	#3 sand	2257417.355	6355080.679
EW-09	9/23/1992	ME	S	2179.67	70	120	50	122	8	4 PVC	0.02 SS	Auger	sand	2257291.988	6355076.092
EW-10	10/20/1992	ME	S	2180.188	60.5	111.92	51.42	115	10	4 PVC	0.02 SS	Auger	#3 sand	2257345.522	6355182.199
EW-11	10/7/1992	ME	S	2180.755	60.57	101.23	40.66	105	10	4 PVC	0.02 SS	Hollow Stem	#3 sand	2257229.647	6355183.411
EW-12	10/12/1992	ME	S	2181.81	60.7	111.34	50.64	115	10	4 PVC	0.02 SS	Hollow Stem	#3 sand	2257312.654	6355304.538
EW-13	9/17/1992	ME	S	2181.861	74	114	40	117	10	4 PVC	0.02 SS	Hollow Stem	#3 sand	2257159.328	6355292.969
EW-14	10/8/1992	ME/QA	S	2184.586	60.48	101.25	40.77	105	10	4 PVC	0.02 SS	Hollow Stem	#3 sand	2257230.232	6355398.09
EW-15	9/25/1992	ME	S	2183.551	64.35	105	40.65	107	8	4 PVC	0.02 SS	Auger	#3 sand	2257043.056	6355288.23
EW-16	9/28/1992	ME	S	2184.255	64.4	105	40.6	107	8	4 PVC	0.02 SS	Auger	#3 sand	2257109.214	6355388.555
EW-17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
EW-18	2/3/1993	ME	S	2184.007	60	101	41	102	10	4 PVC	Carbon Steel	Hollow Stem	#3 sand	2257079.3	6355347.664
IW-01	8/12/1992	QA	S-I	2160.73	7.01	90	82.99	95	8	5 PVC	0.03 Carbon Steel	Auger	#3 sand	2257101.374	6353331.114
IW-02	8/13/1992	QA	S-I	2155.006	10	95	85	100	8	5 PVC	0.03 Carbon Steel	Hollow Stem	#3 sand	2257357.491	6353155.656
IW-03	9/29/1992	QA	S	2132.855	22.24	63.2	40.96	65	12	5 PVC	SS	Auger	#3 Montery Sand	2259714.017	6352991.055
IW-04	10/1/1992	QA	S	2135.09	22.24	62.94	40.7	65	12	5 SS	0.02 SS	Auger	#3 Montery Sand	2259864.226	6352976.975
IW-05	10/2/1992	QA	S	2136.94	21.15	61.73	40.58	65.5	12	5 SS	0.02 SS	Auger	#3 Montery Sand	2259983.463	6352957.53
MW-01	12/7/1989	ME	S	2176.979	116	126	10	128	8.5	4 PVC	0.02 SS	Air Rotary	sand	2257058.039	6354553.362
MW-02	12/4/1989	ME	S	2170.102	73	93	20	102	8.5	4 PVC	0.02 SS	Air Rotary	sand	2257645.782	6354590.74
MW-03	12/19/1989	ME	D	2169.356	260	270	10	272	10	4 PVC	0.02 SS	Dual Tube	sand	2257626.702	6354550.264
MW-04	12/9/1989	QA	I	2160.016	62	82.4	20.4	85	12	4 PVC	0.01 SS	Hollow Stem	sand	2258236.378	6354340.213
MW-05	12/10/1989	QA	S	2121.399	23.6	43.6	20	43.6	12	4 PVC	0.01 SS	Hollow Stem	sand	2258857.213	6352378.394
MW-06	12/10/1989	QA/ME	I	2121.759	104	114	10	114	8.5	4 PVC	0.02 SS	Air Rotary	sand	2258893.323	6352396.266
MW-07	12/14/1989	QA	S	2176.515	80	90	10	90	8.5	4 PVC	0.02 SS	Air Rotary	sand	2257028.666	6354516.68
MW-08	12/3/1989	QA	S	2090.53	13.1	33.6	20.5	33.6	12	4 PVC	0.02 SS	Hollow Stem	sand	2257714.789	6350475.331
MW-09	12/1/1989	QA	I	2089.162	115	125	10	125	8.5	4 PVC	0.02 SS	Air Rotary	sand	2257725.756	6350417.355
MW-10	12/6/1989	QA	S	2179.397	78.6	99	20.4	99	12	4 PVC	0.01 SS	Hollow Stem	sand	2257724.365	6355816.616
MW-11	12/1/1989	QA	S	2122.609	46	66	20	70	12	4 PVC	0.02 SS	Auger	sand	2260663.015	6351744.173
MW-12	12/2/1989	QA	S	2098.492	29	49	20	55	12	4 PVC	0.01 SS	Auger	sand	2260194.794	6350552.816
MW-13	12/5/1989	QA	S	2057.892	16	36	20	38	12	4 PVC	0.01 SS	Auger	sand	2258627.491	6349202.758
MW-14	12/7/1989	QA	S	2029.665	29	49	20	50	12	4 PVC	0.01 SS	Auger	sand	2256962.949	6348090.002
MW-15	12/21/1989	QA	I	2009.763	81	91	10	93	10	4 PVC	0.02 SS	Dual Tube	sand	2256727.724	6346418.441
MW-16	12/9/1989	QA/ME	S	1811.642	8	13	5	15	6	2 PVC	0.02 SS	Auger	sand	2254217.783	6339843.041
MW-17	12/11/1989	QA	S	2140.398	44	64	20	65	12	4 PVC	0.01 SS	Auger	sand	2257661.196	6352571.843
MW-18	12/13/1989	QA	S	2008.693	30	50	20	52	12	4 PVC	0.01 SS	Auger	sand	2256702.803	6346372.611

Table 3-2
Lockheed Martin Corporation
Beaumount Site 1 Well Construction Data

Well I.D.	Date Installed	HSU	Depth Classi-fication	Elevation TOC (feet)	Depth to TOS (feet)	Depth to BOS (feet)	Screen Length (feet)	Reported Depth of Well (feet)	Borehole Diameter (inches)	Casing Diameter (inches) & Material	Screen Slot Size (inches) & Material	Drilling Method	Filter Pack	Northing Coordinate (y)	Easting Coordinate (x)
MW-19	12/13/1989	QA	S	2118.488	25	45	20	50	12	4 PVC	0.01 SS	Auger	sand	2258290.931	6352080.867
MW-20	1/21/1991	QA	I	2162.029	65	95	30	135	12	5 PVC	0.02 SS	Auger	sand	2257581.651	6353891.413
MW-21	1/24/1991	QA	I	2160.726	70	100	30	165	12	5 PVC	0.02 SS	Auger	#3 sand	2257920.109	6354242.324
MW-22	1/28/1991	QA	S	2170.733	74	114	40	120	12	5 PVC	0.02 SS	Auger	#3 sand	2257810.008	6354920.862
MW-23	8/13/1992	QA	I	2162.014	85	115	30	119	12	5 PVC	0.02 SS	Auger	sand	2257901.725	6354260.256
MW-24	9/29/1992	ME	S	2182.891	85	105	20	105	8	2 PVC	0.02 SS	Auger	#3 Lonestar Sand	2257107.844	6355167.652
MW-25	11/27/1990	ME	NA	NA	80	100	20	110	8	2 PVC	0.02 SS	Auger	sand	NA	NA
MW-26	1/30/1991	ME	S	2183.812	88	128	40	129	12	5 PVC	PVC	Auger	sand	2257102.14	6355184.086
MW-27	2/8/1991	QA	S	2182.728	29	91	62	92	10	4 PVC	0.02 Carbon Steel	Auger	sand	2257608.441	6355783.091
MW-28	2/20/1991	QA	I	2160.843	120	130	10	134	10	4 PVC	0.02 SS	Auger	#0/30 sand	2257576.445	6353871.203
MW-29	12/3/1991	ME	S	2115.09	23.7	48.7	25	50	10	4 PVC	0.02 SS	Dual Tube	#3 sand	2259045.174	6351747.298
MW-30	2/13/1991	QA	I	2161.471	90	124	34	125	12	4	0.02 SS	Auger	sand	2257927.37	6354263.467
MW-31	2/9/1991	ME	D	2186.515	180	190	10	195	10	4 PVC	0.02 SS	Air Rotary	#30 Lonestar Sand	2257052.122	6355245.181
MW-32	2/11/1991	ME	D	2176.613	210	220	10	223	10	4 PVC	0.02 SS	Air Rotary	#3 Lonestar Sand	2257072.067	6354514.908
MW-34	2/18/1991	QA	I	2153.801	62	82	20	85	10	4 PVC	0.02 SS	Auger	sand	2258631.497	6354396.239
MW-35	3/7/1991	QA	S	2170.982	60	80	20	140	10	4 PVC	0.02 SS	Auger	sand	2256935.259	6354082.481
MW-36	3/14/1991	QA	S	2205.182	85	105	20	105	8	2 PVC	0.02 SS	Auger	sand	2256344.469	6356239.055
MW-37	2/27/1991	QA/ME	S	2040.974	40	60	20	62	10	4 PVC	0.02 SS	Auger	#3 sand	2257854.911	6348823.257
MW-38	2/25/1991	ME	I	2030.291	60	80	20	82	10	4 PVC	0.02 SS	Auger	#0/30 sand	2257454.815	6346666.843
MW-39	3/11/1991	QA	I	2144.18	60	80	20	86	10	4 PVC	0.02 SS	Auger	#0/30 sand	2258498.715	6353448.166
MW-40	2/19/1991	ME	S	2126.393	46	66	20	67	10	4 PVC	0.02 SS	Auger	#3 sand	2259838.138	6351864.468
MW-41	12/10/1991	ME	S	2133.948	35	55	20	55	10	4 PVC	0.02 SS	Auger	#3 sand	2258643.971	6353070.453
MW-42	12/4/1991	QA	S	2092.55	13.2	34.2	21	36	10	4 PVC	0.02 SS	Auger	#3 sand	2258712.611	6351089.854
MW-43	12/6/1991	QA	S	2068.577	8.4	23.4	15	115.5	10	4 PVC	0.02 SS	Auger	#3 sand	2258143.229	6349757.829
MW-44	12/11/1991	QA	S	2128.692	34	54	20	59	10	4 PVC	0.02 SS	Auger	#3 sand	2259457.268	6352586.036
MW-45	12/10/1991	QA	S	2071.625	43	53	10	55	12	4 PVC	0.02 PVC	Auger	#3 sand	2258164.989	6349744.048
MW-46	9/28/1992	QA	S	2072.171	41.5	61.5	20	89	10	4 PVC	0.02 SS	Auger	#3 sand	2257789.204	6349281.033
MW-47	2/3/1993	QA	S	2077.682	43	53	10	54	12	4 PVC	0.02 PVC	Auger	#3 sand	2257976.142	6350052.104
MW-48	8/12/1992	QA	S	2076.497	8.7	23.7	15	54	10	4 PVC	0.02 SS	Auger	#3 sand	2257996.439	6350062.853
MW-49	12/20/1991	QA	S	2130.92	30.5	52	21.5	114	10	4 PVC	0.02 SS	Auger	#3 sand	2258222.624	6352603.282
MW-50	12/19/1991	QA	S	2151.433	54	74	20	74	10	4 PVC	0.02 SS	Auger	#3 sand	2257729.443	6353228.777
MW-51	8/14/1992	QA	S	2138.357	39	59.5	20.5	67	10	4 PVC	0.03 SS	Auger	#3 Montery Sand	2258149.865	6352864.056
MW-52	8/17/1992	QA	S	2136.184	37	57.48	20.48	65	10	4 PVC	0.03 SS	Auger	#3 Montery Sand	2258356.646	6352888.104
MW-53	8/20/1992	QA	S	2153.293	53	74.21	21.21	78	10	4 PVC	0.03 SS	Auger	#3 Montery Sand	2257578.641	6353192.673
MW-54	8/19/1992	QA	S	2153.435	53	74.21	21.21	80	10	4 PVC	0.03 SS	Auger	#3 Montery Sand	2257980.153	6353738.647
MW-55	8/19/1992	QA	I	2166.663	67	87.2	20.2	93	10	4 PVC	0.03 SS	Auger	#3 Montery Sand	2257570.192	6354244.246

Table 3-2
Lockheed Martin Corporation
Beaumount Site 1 Well Construction Data

Well I.D.	Date Installed	HSU	Depth Classi-fication	Elevation TOC (feet)	Depth to TOS (feet)	Depth to BOS (feet)	Screen Length (feet)	Reported Depth of Well (feet)	Borehole Diameter (inches)	Casing Diameter (inches) & Material	Screen Slot Size (inches) & Material	Drilling Method	Filter Pack	Northing Coordinate (y)	Easting Coordinate (x)
MW-56A	8/27/1992	ME	D	2143.086	175.73	178	2.27	183	8	2 PVC/SS	0.02 SS	Auger	#3 Montery Sand	2258203.229	6353242.359
MW-56B	8/27/1992	QA	I	2142.58	88.68	91	2.32	95.5	8	2 PVC/SS	0.02 SS	Auger	#3 Montery Sand	2258211.044	6353240.499
MW-56C	8/31/1992	QA	S	2142.768	48.2	58.45	10.25	63.8	8	2 PVC/SS	0.02 SS	Auger	#3 Montery Sand	2258218.663	6353238.448
MW-56D	9/11/1992	QA	S	2142.483	71.7	74	2.3	75	8	2 PVC/SS	0.02 SS	Auger	#3 Montery Sand	2258225.709	6353237.209
MW-57A	9/8/1992	QA	S	2145.981	58.73	69	10.27	75	8	2 PVC	0.02 SS	Auger	#3 Montery Sand	2258137.723	6353415.062
MW-57B	9/9/1992	QA	I	2146.194	93.73	96	2.27	98	8	2 PVC/SS	0.02 SS	Auger	#3 Montery Sand	2258143.491	6353416.168
MW-57C	9/10/1992	QA	I	2146.024	81.24	84.5	3.26	85	8	2 PVC/SS	0.02 SS	Auger	#3 Montery Sand	2258147.839	6353417.306
MW-57D	9/10/1992	QA	S	2146.1	44.73	56	11.27	57	8	2 PVC	0.02 SS	Auger	#3 Montery Sand	2258153.721	6353418.48
MW-58A	9/14/1992	QA	I	2140.728	78.3	81	2.7	88.5	8	2 PVC/SS	0.02 SS	Auger	#3 Montery Sand	2258190.285	6353019.306
MW-58B	9/14/1992	QA	S	2140.782	39.71	49.96	10.25	50	8	2 PVC	0.02 SS	Auger	#3 Montery Sand	2258185.713	6353023.758
MW-58C	9/14/1992	QA	S	2141.015	57.29	59.56	2.27	60	8	2 PVC/SS	0.02 SS	Auger	#3 Montery Sand	2258180.966	6353027.445
MW-58D	9/15/1992	QA	S	2140.942	67.74	70	2.26	70	8	2 PVC/SS	0.02 SS	Auger	#3 Montery Sand	2258177.483	6353030.309
MW-59A	8/26/1992	ME	I	2180.136	138	140	2	144	8	2 PVC/SS	0.02 SS	Auger	#3 Montery Sand	2257296.686	6354998.95
MW-59B	9/4/1992	ME	S	2180.391	97	107	10	110	8	2 PVC/SS	0.02 SS	Auger	#3 Montery Sand	2257291.511	6355004.942
MW-59C	9/10/1992	ME	I	2179.929	132	134	2	135.5	8	2 PVC/SS	0.02 SS	Auger	#3 Montery Sand	2257287.783	6355009.888
MW-59D	9/10/1992	ME	S	2180.527	118	120	2	125	8	2 PVC/SS	0.02 SS	Auger	#3 Montery Sand	2257284.046	6355014.885
MW-60A	9/2/1992	ME	I	2182.594	131.73	134	2.27	149	8	2 PVC/SS	0.02 SS	Auger	#3 Montery Sand	2257410.303	6355268.246
MW-60B	9/2/1992	ME	S	2182.768	111.73	114	2.27	119	8	2 PVC/SS	0.02 SS	Auger	#3 Montery Sand	2257404.793	6355271.86
MW-61A	9/1/1992	ME	I	2186.953	148	150	2	155	8	2 PVC/SS	0.02 SS	Auger	#3 Montery Sand	2257068.742	6355341.319
MW-61B	9/2/1992	ME	S	2186.768	92	102	10	105	8	2 PVC/SS	0.02 SS	Auger	#3 Montery Sand	2257066.439	6355334.247
MW-61C	9/8/1992	ME	I	2186.837	128	130	2	135	8	2 PVC/SS	0.02 SS	Auger	#3 Montery Sand	2257063.535	6355327.156
MW-61D	9/9/1992	ME	S	2186.833	114	116	2	120	8	2 PVC	0.02 SS	Auger	#3 Montery Sand	2257059.389	6355321.622
MW-62A	10/20/1992	QA	S	2131.317	38.4	41.1	2.7	45	8	2 PVC	0.02 SS	Auger	#3 Montery Sand	2258577.015	6352815.937
MW-62B	10/20/1992	QA	S	2131.492	62.23	64.5	2.27	65	8	2 PVC/SS	0.02 SS	Auger	#3 Montery Sand	2258579.946	6352811.446
MW-63	2/4/1993	QA	S	2156.196	21.5	63	41.5	64	10	5 PVC	0.02 Carbon Steel	Auger	#3 Montery Sand	2257763.692	6353782.087
MW-64	2/5/1993	QA	S	2128.405	29.75	40.05	10.3	41	8	2 PVC	0.02 SS	Auger	#3 Montery Sand	2258707.795	6352707.578
MW-65	2/9/1993	QA	S	2128.915	23.5	45	21.5	47	10	5 PVC	0.02 SS	Auger	#3 Montery Sand	2258731.346	6352702.165
MW-66	2/10/1993	QA	S	2130.427	37.75	47.75	10	50	18	2 PVC	0.02 SS	Auger	#3 Montery Sand	2259427.311	6352841.14
MW-67	7/21/2003	QA	S	NA	7	12	5	NA	6	2 PVC	0.02 PVC	Air Rotary	#2/12 Lonestar Sand	NA	NA
OW-01	5/25/1983	QA	S	2204.616	56	66	10	70	8	2 PVC	NA	Auger	NA	2255765.339	6356304.255
OW-02	5/26/1983	QA	S	2078.969	10	20	10	50	8	2 PVC	NA	Auger	NA	2258546.547	6350335.835
OW-03	5/26/1983	QA	S	2143.653	46	56	10	70	8	2 PVC	NA	Auger	NA	2258204.765	6353263.626
OW-04	5/26/1983	QA	S	2209.388	58	68	10	70	8	2 PVC	NA	Auger	NA	2266497.543	6351060.651
OW-05	5/27/1983	QA	S	2160.845	56	66	10	66	8	2 PVC	NA	Auger	NA	2262289.317	6351132.279
OW-06	5/27/1983	QA	S	NA	NA	NA	NA	40	8	2 PVC	NA	Auger	NA	NA	NA
OW-07	5/27/1983	QA	S	NA	37	47	10	49	8	2 PVC	NA	Auger	NA	NA	NA

Table 3-2
Lockheed Martin Corporation
Beaumount Site 1 Well Construction Data

Well I.D.	Date Installed	HSU	Depth Classi-fication	Elevation TOC (feet)	Depth to TOS (feet)	Depth to BOS (feet)	Screen Length (feet)	Reported Depth of Well (feet)	Borehole Diameter (inches)	Casing Diameter (inches) & Material	Screen Slot Size (inches) & Material	Drilling Method	Filter Pack	Northing Coordinate (y)	Easting Coordinate (x)
OW-08	5/27/1983	QA	S	2036.329	51	61	10	64	8	2 PVC	NA	Auger	NA	2257609.464	6347084.328
P-02	12/5/1991	QA	S	2081.151	24.7	34.7	10	36	8	2 PVC	0.02 PVC	Auger	#3 sand	2259267.863	6350272.582
P-03	12/4/1991	QA	S	2140.245	47.7	57.7	10	58	8	2 PVC	0.02 PVC	Auger	#3 sand	2260155.386	6352716.563
P-04	12/7/1991	QA	S	2112.634	38.7	48.7	10	49	8	2 PVC	0.02 PVC	Auger	#3 sand	2260827.786	6350839.636
P-05	12/8/1991	QA	S	2162.195	61.4	71.41	10.01	120	8	2 PVC	0.02 PVC	Auger	#3 sand	2256560.275	6352856.72
VEW-06	9/14/1992	QA/ME	NA	2183.08	49	69	20	69.5	10	4 PVC	0.02 SS	Auger	#3 Montery Sand	2257245.897	6355341.76
VEW-08	9/15/1992	QA/ME	NA	2185.145	32	52	20	53	10	4 PVC	0.02 SS	Auger	#3 Montery Sand	2257051.089	6355411.381
VEW-10	10/22/1992	QA/ME	NA	2183.375	34.76	55	20.24	55.5	8	4 PVC	0.02 SS	Auger	#3 Montery Sand	2257147.782	6355351.119
VEW-11	10/23/1992	QA/ME	NA	2181.811	34.4	54.5	20.1	55	8	4 PVC	0.02 SS	Auger	#3 Montery Sand	2257143.848	6355231.394
VMW-01	12/26/1990	ME	NA	2185.221	75.5	77.9	2.4	80	8	2 PVC	0.02 SS	Auger	sand	2257156.621	6355320.703
VMW-02	12/26/1990	ME	NA	2186.192	75.5	80	4.5	80	8	2 PVC	0.02 SS	Auger	sand	2257090.733	6355312.718
VMW-03	12/27/1990	QA	NA	2186.181	43.3	45.8	2.5	48	8	2 PVC	0.02 SS	Auger	sand	2257086.036	6355316.466
VMW-04	12/27/1990	ME	NA	2186.185	75.5	78	2.5	80	8	2 PVC	0.02 SS	Auger	sand	2257063.693	6355302.671
VMW-05	12/27/1990	QA	NA	2186.226	21.5	24	2.5	25	8	2 PVC	0.02 SS	Auger	sand	2257063.027	6355304.672
VMW-06	12/28/1990	QA	NA	2186.156	45.5	48	2.5	50	8	2 PVC	0.02 SS	Auger	sand	2257062.609	6355306.836
VMW-07	12/28/1990	QA	NA	2186.75	47.5	50	2.5	51.5	8	2 PVC	0.02 SS	Auger	sand	2256948.836	6355265.731
VMW-08	12/28/1990	QA	NA	2186.429	47.5	50	2.5	51.5	8	2 PVC	0.02 SS	Auger	sand	2256965.779	6355249.148
VMW-09	12/28/1990	QA	NA	2186.568	22.5	25	2.5	27	8	2 PVC	0.02 SS	Auger	sand	2256964.237	6355247.394
VMW-10	1/3/1991	QA	NA	2185.645	47.5	50	2.5	52	8	2 PVC	0.02 SS	Auger	sand	2257000.203	6355211.687
VMW-11	1/3/1991	QA	NA	2185.032	77.5	80	2.5	85	8	2 PVC	0.02 SS	Auger	sand	2257035.249	6355176.852
VMW-12	1/2/1991	QA	NA	2184.917	47.5	50	2.5	52	8	2 PVC	0.02 SS	Auger	sand	2257033.544	6355175.15
VMW-13	1/2/1991	QA	NA	2184.56	47.5	50	2.5	52	8	2 PVC	0.02 SS	Auger	sand	2257051.639	6355159.78
VMW-14	1/2/1991	QA	NA	2184.581	77.5	80	2.5	82	8	2 PVC	0.02 SS	Auger	sand	2257050.944	6355157.242
VMW-15	10/14/1992	ME	NA	2186.484	79	81	2	82	8	2 PVC	NA	Auger	#3 Montery Sand	2257171.768	6355409.779
VMW-16	10/14/1992	QA	NA	2186.545	54	56	2	56	8	2 PVC	0.02 SS	Auger	#3 Montery Sand	2257167.743	6355406.061
VMW-17	10/15/1992	ME	NA	NA	79	81	2	81	8	2 PVC	0.02 SS	Auger	#3 Montery Sand	NA	NA
VMW-18	10/15/1992	QA	NA	2186.863	41	43	2	43	8	2 PVC	0.02 SS	Auger	#3 Montery Sand	2257010.01	6355334.74
VMW-19	10/16/1992	ME	NA	2182.478	75	77	2	78	8	2 PVC	0.02 SS	Auger	#3 Montery Sand	2257283.779	6355151.371
VMW-20	10/16/1992	QA	NA	2182.973	18	20	2	20	8	2 PVC	NA	Auger	#3 Montery Sand	2257280.692	6355155.867
VMW-21	2/1/1993	ME	NA	2184.439	73	75	2	76	8	2 PVC	0.02 PVC	Auger	#3 Lonestar Sand	2257243.139	6355277.448
VMW-22	2/2/1993	QA	NA	2184.562	37.5	39.5	2	40.3	8	2 PVC	0.02 PVC	Auger	#3 Lonestar Sand	2257241.176	6355282.718
VRW-01	12/19/1990	QA	NA	2187.345	40	50	10	78	10	2 PVC	0.02 PVC	Auger	#3 sand	2256930.877	6355284.179
VRW-02	12/19/1990	QA	NA	2182.069	70	80	10	80	10	2 PVC	0.02 PVC	Auger	#3 sand	2257069.028	6355139.975
VRW-03	12/20/1990	ME	NA	2184.316	68	78	10	80	10	2 PVC	0.02 PVC	Auger	#3 sand	2257132.579	6355331.14
W-01	NA	NA	NA	NA	NA	NA	NA	388	NA	14	PVC	NA	NA	18552.92	21321.85
W-02	NA	NA	NA	NA	NA	NA	NA	250	NA	8	PVC	NA	NA	20336.29	24297.95

Table 3-2
Lockheed Martin Corporation
Beaumount Site 1 Well Construction Data

Well I.D.	Date Installed	HSU	Depth Classi-fication	Elevation TOC (feet)	Depth to TOS (feet)	Depth to BOS (feet)	Screen Length (feet)	Reported Depth of Well (feet)	Borehole Diameter (inches)	Casing Diameter (inches) & Material	Screen Slot Size (inches) & Material	Drilling Method	Filter Pack	Northing Coordinate (y)	Easting Coordinate (x)
W-03	NA	NA	NA	NA	NA	NA	NA	148	NA	12	PVC	NA	NA	22380.89	27779.39
W-05	NA	NA	NA	NA	NA	NA	NA	127.5	NA	6.3	PVC	NA	NA	18923.52	32118.67

Notes:

BOC	bottom of casing
BOS	bottom of screen
D	Deep
HSU	Hydrostratigraphic Unit screened
I	Intermediate
PVC	polyvinylchloride pipe
QA	Quaternary Alluvium
ME	
S	Shallow
S-I	Shallow-Intermediate
SS	stainless steel
TOC	top of casing
TOS	top of screen
NA	Not applicable

Legend

- LMC Boundary
- Sampled Well (Second quarter 2003)
- Well Not Accessible
- Surface Water Sample

0 500 1,000 1,500 2,000 Feet

N W E S

Figure 3-1

Sampled Wells Second Quarter 2003

LMC Beaumont Site 1
Prepared By: Tetra Tech, Inc.

SW-09
P-04
MW-11
MW-12
P-03
IW-04
MW-40
MW-66
Rocket Motor Production Area
P-02
MW-06
MW-56A
MW-56B
MW-56C
MW-56D
MW-42
MW-13
SW-01
SW-08
SW-02
OW-02
SW-03
MW-05
MW-34
MW-62A
MW-43
MW-45
MW-19
MW-49
MW-21
MW-30
SW-03
MW-58A
MW-58B
MW-58C
MW-58D
MW-22
MW-60A
MW-60B
MW-03
MW-02
MW-27
OW-08
MW-37
MW-46
MW-47
MW-48
MW-08
MW-09
MW-17
MW-55
Burn Pit Area
MW-57A
MW-57B
MW-57C
MW-57D
MW-32
MW-14
MW-53
MW-61A
MW-61B
MW-61C
MW-61D
MW-18
MW-15
SW-04
P-05
MW-54
MW-07
MW-01
MW-36
MW-28
MW-20
OW-01
MW-35
MW-59C
MW-59D
EW-13
MW-31
MW-24
MW-26
New #'s 2004
SW-06
SW-07
SW-07
SW-05
MW-16
MW-67
SW-06

X:\GIS\LOCKHEED BEAUMONT\Q2-Q3 FIGURES\WELLS SAMPLED.MXD

3.2.2 Field Sampling and QA/QC Procedures

Several field QA/QC procedures were instituted to ensure that all field measurements and samples were representative and collected in a manner that would provide adequate data to achieve the program objectives. These procedures are discussed below.

The following parameters were observed and recorded on field data sheets (Appendix D) during well purging activities: water level, temperature, pH, electrical conductivity (EC), turbidity, oxidation reduction potential (ORP), and dissolved oxygen (DO). Samples were collected from monitoring wells by low-flow purging and sampling through the pump. Purging was considered complete when at least one discharge hose volume had been removed and the above parameters had stabilized, or the well was purged dry (evacuated). Stabilization of water quality parameters was used as an indication that fresh formation water had entered the well and was being purged. The criteria for stabilization of these parameters are as follows: water level +/- 0.1 foot; temperature +/- 1 degree Centigrade; pH +/- 0.1 unit; and EC +/- 5%. If the well was pumped dry, the well was sampled with a disposable bailer after sufficient recharge had taken place to allow sample collection. To insure accurate and reproducible field measurements, all instruments and equipment were maintained, calibrated, and operated in accordance with the manufacturer's specifications, guidelines, and recommendations.

All samples were placed in the appropriate containers in order of decreasing volatilization. The samples were chilled and transported to the laboratory via courier, thus maintaining proper temperatures and sample integrity. Trip blanks and equipment blanks were collected to assess contamination of the environmental samples while in transit and/or via sampling equipment. Nine trip blanks (LTBs) and 10 equipment blanks (LEBs) were collected during this sampling event. Results were reviewed for the presence of contaminants. If contaminants were detected in any of the QC blanks, the results were compared to the associated environmental samples. The environmental sample results were then qualified where appropriate.

3.2.3 Decontamination and Purge Water Disposal

All sampling equipment was decontaminated as required in the *Revised Groundwater Sampling & Analysis Plan, Lockheed Martin Corporation, Beaumont Site 1* (Tetra Tech, 2003b). Equipment was decontaminated after use in each well. All decontamination fluids were containerized and transferred with purge water to a temporary storage tank located near the BPA. Approximately 372 gallons of groundwater were purged from wells during this sampling event.

3.2.2 Field Sampling and QA/QC Procedures

Several field QA/QC procedures were instituted to ensure that all field measurements and samples were representative and collected in a manner that would provide adequate data to achieve the program objectives. These procedures are discussed below.

The following parameters were observed and recorded on field data sheets (Appendix D) during well purging activities: water level, temperature, pH, electrical conductivity (EC), turbidity, oxidation reduction potential (ORP), and dissolved oxygen (DO). Samples were collected from monitoring wells by low-flow purging and sampling through the pump. Purging was considered complete when at least one discharge hose volume had been removed and the above parameters had stabilized, or the well was purged dry (evacuated). Stabilization of water quality parameters was used as an indication that fresh formation water had entered the well and was being purged. The criteria for stabilization of these parameters are as follows: water level +/- 0.1 foot; temperature +/- 1 degree Centigrade; pH +/- 0.1 unit; and EC +/- 5%. If the well was pumped dry, the well was sampled with a disposable bailer after sufficient recharge had taken place to allow sample collection. To insure accurate and reproducible field measurements, all instruments and equipment were maintained, calibrated, and operated in accordance with the manufacturer's specifications, guidelines, and recommendations.

All samples were placed in the appropriate containers in order of decreasing volatilization. The samples were chilled and transported to the laboratory via courier, thus maintaining proper temperatures and sample integrity. Trip blanks and equipment blanks were collected to assess contamination of the environmental samples while in transit and/or via sampling equipment. Nine trip blanks (LTBs) and 10 equipment blanks (LEBs) were collected during this sampling event. Results were reviewed for the presence of contaminants. If contaminants were detected in any of the QC blanks, the results were compared to the associated environmental samples. The environmental sample results were then qualified where appropriate.

3.2.3 Decontamination and Purge Water Disposal

All sampling equipment was decontaminated as required in the *Revised Groundwater Sampling & Analysis Plan, Lockheed Martin Corporation, Beaumont Site 1* (Tetra Tech, 2003b). Equipment was decontaminated after use in each well. All decontamination fluids were containerized and transferred with purge water to a temporary storage tank located near the BPA. Approximately 372 gallons of groundwater were purged from wells during this sampling event.

4.0 GROUNDWATER MONITORING RESULTS

4.0 GROUNDWATER MONITORING RESULTS

The results and interpretations of the first quarter 2003 and second quarter 2003 groundwater monitoring events are presented in the following subsections. This section includes tabulated summaries of the data collected, groundwater contour maps, analyte concentration maps, and analyte time-series graphs.

4.1 GROUNDWATER ELEVATIONS

Groundwater level measurements were collected for the first quarter and second quarter 2003 monitoring events. Of the 108 wells proposed, 106 groundwater level measurements were collected for the first quarter 2003 between 20 March and 21 March 2003. The results for the first quarter 2003 are presented in Table 4-1. Of the 109 wells proposed, 107 groundwater level measurements were collected for the second quarter 2003 between 10 July and 14 July 2003. The results for the second quarter 2003 are presented in Table 4-2.

4.2 GROUNDWATER TEMPORAL TRENDS

In general, the groundwater levels continued to decrease during the first quarter and second quarter 2003. This long-term decreasing trend that began back in July 1998 continues during this reporting period, however, at a much slower rate. As shown in the hydrographs in Appendix B, this strong decreasing trend appears to be flattening out in most wells except for those wells located near Bedsprings or Potrero Creek. Wells located near these drainages showed short-term seasonal groundwater level increases from the wet period between November 2002 and March 2003. However, the wells' groundwater levels returned to the generally decreasing trends after March 2003.

4.3 GROUNDWATER FLOW DIRECTION

Generally, groundwater flows northwest from the southeastern limits of the valley (near the BPA) beneath the RMPA towards Potrero Creek where the flow changes direction and begins heading southwest parallel to the flow direction of Potrero Creek into Massacre Canyon. Figures 4-1 and 4-2 show the groundwater contours for the first quarter (March) and second quarter (July) of 2003, respectively. The groundwater flow directions from these two periods were very similar and are representative of dry periods when the general flow direction from the BPA through the RMPA is southwest to west. However, the first quarter 2003 water level measurements were collected during a very wet period between February and May 2003 when the precipitation was over 200% above normal. Although the response from this wet period did not change the flow direction in the area between the BPA and RMPA, wells along the major drainages (Bedsprings and Potrero Creeks) showed a notable rise in groundwater elevations after the heavy precipitation.

Table 4-1
Groundwater Elevations - March 2003, First Quarter
Beaumont No. 1 Site
Lockheed Martin Corporation

Well ID	HSU	Date Measured	Measuring Point Elevation (feet MSL)	March 2003 Depth to Water (feet)	March 2003 Groundwater Elevation (feet MSL)
EW-01	QA	03/20/03	2142.62	41.98	2100.64
EW-02	QA	03/20/03	2126.15	27.22	2098.93
EW-08	ME	03/21/03	2178.40	74.89	2103.51
EW-09	ME	03/20/03	2179.67	76.45	2103.22
EW-10	ME	03/21/03	2180.19	76.74	2103.45
EW-11	ME	03/21/03	2180.76	76.92	2103.84
EW-12	ME	03/21/03	2181.81	78.32	2103.49
EW-13	ME	03/21/03	2181.86	78.06	2103.80
EW-14	ME/QA	03/21/03	2184.59	81.12	2103.47
EW-15	ME	03/21/03	2183.55	78.40	2105.15
EW-16	ME	03/21/03	2184.26	79.78	2104.48
EW-17	NA	03/21/03	NA	77.42	NA
EW-18	ME	03/21/03	2184.01	77.96	2106.05
IW-01	QA	03/20/03	2160.73	60.46	2100.27
IW-02	QA	03/20/03	2155.01	54.71	2100.30
IW-03	QA	03/20/03	2132.86	35.93	2096.93
IW-04	QA	03/20/03	2135.09	38.56	2096.53
IW-05	QA	03/20/03	2136.94	40.42	2096.52
MW-01	ME	03/20/03	2176.98	76.51	2100.47
MW-02	QA	03/20/03	2170.10	68.91	2101.19
MW-03	ME	03/20/03	2169.36	128.30	2041.06
MW-04	QA	03/20/03	2160.02	58.84	2101.18
MW-05	QA	03/20/03	2121.40	22.91	2098.49
MW-06	QA/ME	03/20/03	2121.76	25.71	2096.05
MW-07	QA	03/20/03	2176.52	75.98	2100.54
MW-08	QA	03/20/03	2090.53	15.71	2074.82
MW-09	QA	03/20/03	2089.16	3.49	2085.67
MW-10	QA	03/20/03	2179.40	76.33	2103.07
MW-11	QA	03/20/03	2122.61	43.35	2079.26
MW-12	QA	03/20/03	2098.49	17.44	2081.05
MW-13	QA	03/20/03	2057.89	9.33	2048.56
MW-14	QA	03/20/03	2029.67	31.71	1997.96
MW-15	QA/ME	03/20/03	2009.76	26.82	1982.94
MW-16	QA/ME	NA	NA	NA	NA
MW-17	QA	03/20/03	2140.40	40.69	2099.71
MW-18	QA	03/20/03	2008.69	26.63	1982.06
MW-19	QA	03/20/03	2118.49	21.91	2096.58
MW-20	QA	03/20/03	2162.03	61.46	2100.57
MW-21	QA	03/20/03	2160.73	59.78	2100.95
MW-22	QA	03/20/03	2170.73	68.89	2101.84
MW-23	QA	03/20/03	2162.01	61.10	2100.91
MW-24	ME	03/21/03	2182.89	NA	NA
MW-26	ME	03/21/03	2183.81	80.75	2103.06
MW-27	QA	03/20/03	2182.73	79.72	2103.01
MW-28	QA	03/20/03	2160.84	60.34	2100.50
MW-29	ME	03/20/03	2115.09	26.29	2088.80
MW-30	QA	03/20/03	2161.47	59.85	2101.62
MW-31	ME	03/21/03	2186.52	95.86	2090.66
MW-32	ME	03/20/03	2176.61	89.93	2086.68
MW-34	QA	03/20/03	2153.80	51.20	2102.60
MW-35	QA	03/20/03	2170.98	70.51	2100.47
MW-36	QA	03/21/03	2205.18	98.02	2107.16
MW-37	QA/ME	03/20/03	2040.97	29.63	2011.34
MW-38	ME	03/20/03	2030.29	47.03	1983.26
MW-39	QA	03/20/03	2144.18	43.65	2100.53
MW-40	ME	03/21/03	2126.39	39.13	2087.26
MW-41	QA/ME	03/20/03	2133.95	34.56	2099.39
MW-42	QA	03/20/03	2092.55	6.69	2085.86
MW-43	QA	03/20/03	2068.58	5.14	2063.44

Table 4-1
Groundwater Elevations - March 2003, First Quarter
Beaumont No. 1 Site
Lockheed Martin Corporation

Well ID	HSU	Date Measured	Measuring Point Elevation (feet MSL)	March 2003 Depth to Water (feet)	March 2003 Groundwater Elevation (feet MSL)
MW-44	QA	03/20/03	2128.69	31.03	2097.66
MW-45	QA	03/20/03	2071.63	Artesian	Artesian
MW-46	QA	03/20/03	2072.17	51.92	2020.25
MW-47	QA	03/20/03	2077.68	Artesian	Artesian
MW-48	QA	03/20/03	2076.50	8.24	2068.26
MW-49	QA	03/21/03	2130.92	31.34	2099.58
MW-50	QA	03/20/03	2151.43	51.15	2100.28
MW-51	QA	03/20/03	2138.36	37.95	2100.41
MW-52	QA	03/20/03	2136.18	36.34	2099.84
MW-53	QA	03/20/03	2153.29	53.02	2100.27
MW-54	QA	03/20/03	2153.44	52.96	2100.48
MW-55	QA	03/20/03	2166.66	65.92	2100.74
MW-56A	ME	03/20/03	2143.09	54.50	2088.59
MW-56B	QA	03/20/03	2142.58	42.38	2100.20
MW-56C	QA	03/20/03	2142.77	42.52	2100.25
MW-56D	QA	03/20/03	2142.48	42.21	2100.27
MW-57A	QA	03/20/03	2145.98	45.64	2100.34
MW-57B	QA	03/20/03	2146.19	45.88	2100.31
MW-57C	QA	03/20/03	2146.02	45.64	2100.38
MW-57D	QA	03/20/03	2146.10	45.78	2100.32
MW-58A	QA	03/20/03	2140.73	40.81	2099.92
MW-58B	QA	03/20/03	2140.78	40.64	2100.14
MW-58C	QA	03/20/03	2141.02	40.01	2101.01
MW-58D	QA	03/20/03	2140.94	41.00	2099.94
MW-59A	ME	03/20/03	2180.14	82.10	2098.04
MW-59B	ME	03/20/03	2180.39	77.52	2102.87
MW-59C	ME	03/20/03	2179.93	79.26	2100.67
MW-59D	ME	03/20/03	2180.53	78.77	2101.76
MW-60A	ME	03/20/03	2182.59	81.77	2100.82
MW-60B	ME	03/20/03	2182.77	80.12	2102.65
MW-61A	ME	03/21/03	2186.95	82.49	2104.46
MW-61B	ME	03/21/03	2186.77	81.41	2105.36
MW-61C	ME	03/21/03	2186.84	87.31	2099.53
MW-61D	ME	03/21/03	2186.83	84.73	2102.10
MW-62A	QA	03/20/03	2131.32	31.51	2099.81
MW-62B	QA	03/20/03	2131.49	32.13	2099.36
MW-63	QA	03/20/03	2156.20	55.69	2100.51
MW-64	QA	03/20/03	2128.41	29.17	2099.24
MW-65	QA	03/20/03	2128.92	29.88	2099.04
MW-66	QA	03/20/03	2130.43	33.23	2097.20
OW-01	QA	03/21/03	2204.62	Dry Well	Dry Well
OW-02	QA	03/20/03	2078.97	3.61	2075.36
OW-03	QA	03/20/03	2143.65	43.43	2100.22
OW-05		03/20/03	2160.85	Dry Well	Dry Well
OW-08	QA	03/20/03	2036.33	50.74	1985.59
P-02	NA	03/20/03	2081.15	15.81	2065.34
P-03	QA	03/20/03	2140.25	44.97	2095.28
P-04	QA	03/20/03	2112.63	26.73	2085.90
P-05	QA	03/20/03	2162.20	62.02	2100.18

Notes: NA - Not available
(-) HSU Not Defined

Table 4-2
Groundwater Elevations - July 2003, Second Quarter
Beaumont No. 1 Site
Lockheed Martin Corporation

Well ID	HSU	Date Measured	Measuring Point Elevation (feet MSL)	July 2003 Depth to Water (feet)	July 2003 Groundwater Elevation (feet MSL)
EW-01	QA	07/11/03	2142.62	42.33	2100.29
EW-02	QA	07/11/03	2126.15	27.65	2098.50
EW-08	ME	07/14/03	2178.40	75.41	2102.99
EW-09	ME	07/14/03	2179.67	77.07	2102.60
EW-10	ME	07/14/03	2180.19	77.35	2102.84
EW-11	ME	07/14/03	2180.76	77.00	2103.76
EW-12	ME	07/14/03	2181.81	79.00	2102.81
EW-13	ME	07/14/03	2181.86	78.60	2103.26
EW-14	ME/QA	07/14/03	2184.59	81.95	2102.64
EW-15	ME	07/14/03	2183.55	79.38	2104.17
EW-16	ME	07/14/03	2184.26	80.68	2103.58
EW-17	NA	07/14/03	NA	77.25	NA
EW-18	ME	07/14/03	2184.01	79.32	2104.69
IW-01	QA	07/11/03	2160.73	60.12	2100.61
IW-02	QA	07/11/03	2155.01	54.50	2100.51
IW-03	QA	07/11/03	2132.86	37.00	2095.86
IW-04	QA	07/11/03	2135.09	39.59	2095.50
IW-05	QA	07/11/03	2136.94	41.53	2095.41
MW-01	ME	07/10/03	2176.98	76.18	2100.80
MW-02	QA	07/11/03	2170.10	69.00	2101.10
MW-03	ME	07/11/03	2169.36	129.00	2040.36
MW-04	QA	07/14/03	2160.02	59.02	2101.00
MW-05	QA	07/11/03	2121.40	23.49	2097.91
MW-06	QA/ME	07/11/03	2121.76	26.50	2095.26
MW-07	QA	07/10/03	2176.52	75.58	2100.94
MW-08	QA	07/10/03	2090.53	16.29	2074.24
MW-09	QA	07/10/03	2089.16	3.30	2085.86
MW-10	QA	07/10/03	2179.40	77.10	2102.30
MW-11	QA	07/10/03	2122.61	43.50	2079.11
MW-12	QA	07/10/03	2098.49	20.30	2078.19
MW-13	QA	07/10/03	2057.89	13.69	2044.20
MW-14	QA	07/10/03	2029.67	31.59	1998.08
MW-15	QA/ME	07/10/03	2009.76	28.31	1981.45
MW-16	QA/ME	07/10/03	NA	2.22	NA
MW-17	QA	07/11/03	2140.40	40.41	2099.99
MW-18	QA	07/10/03	2008.69	28.01	1980.68
MW-19	QA	07/11/03	2118.49	22.27	2096.22
MW-20	QA	07/11/03	2162.03	61.35	2100.68
MW-21	QA	07/14/03	2160.73	59.91	2100.82
MW-22	QA	07/14/03	2170.73	69.30	2101.43
MW-23	QA	07/14/03	2162.01	61.21	2100.80
MW-24	ME	07/14/03	2182.89	NA	NA
MW-26	ME	07/14/03	2183.81	80.58	2103.23
MW-27	QA	07/10/03	2182.73	80.48	2102.25
MW-28	QA	07/11/03	2160.84	60.15	2100.69
MW-29	ME	07/11/03	2115.09	27.38	2087.71
MW-30	QA	07/14/03	2161.47	60.18	2101.29
MW-31	ME	07/14/03	2186.52	96.17	2090.35
MW-32	ME	07/10/03	2176.61	89.71	2086.90
MW-34	QA	07/14/03	2153.80	51.70	2102.10
MW-35	QA	07/10/03	2170.98	70.18	2100.80
MW-36	QA	07/10/03	2205.18	75.88	2129.30
MW-37	QA/ME	07/10/03	2040.97	33.49	2007.48
MW-38	ME	07/10/03	2030.29	45.90	1984.39
MW-39	QA	07/14/03	2144.18	43.72	2100.46
MW-40	ME	07/10/03	2126.39	39.96	2086.43
MW-41	QA/ME	07/11/03	2133.95	35.12	2098.83
MW-42	QA	07/11/03	2092.55	9.60	2082.95
MW-43	QA	07/10/03	2068.58	6.25	2062.33

Table 4-2
Groundwater Elevations - July 2003, Second Quarter
Beaumont No. 1 Site
Lockheed Martin Corporation

Well ID	HSU	Date Measured	Measuring Point Elevation (feet MSL)	July 2003 Depth to Water (feet)	July 2003 Groundwater Elevation (feet MSL)
MW-44	QA	07/11/03	2128.69	31.68	2097.01
MW-45	QA	07/10/03	2071.63	Artesian	Artesian
MW-46	QA	07/10/03	2072.17	50.46	2021.71
MW-47	QA	07/10/03	2077.68	Artesian	Artesian
MW-48	QA	07/10/03	2076.50	10.29	2066.21
MW-49	QA	07/11/03	2130.92	31.30	2099.62
MW-50	QA	07/10/03	2151.43	51.30	2100.13
MW-51	QA	07/11/03	2138.36	38.08	2100.28
MW-52	QA	07/11/03	2136.18	36.30	2099.88
MW-53	QA	07/11/03	2153.29	52.81	2100.48
MW-54	QA	07/11/03	2153.44	52.80	2100.64
MW-55	QA	07/11/03	2166.66	65.80	2100.86
MW-56A	ME	07/11/03	2143.09	54.44	2088.65
MW-56B	QA	07/11/03	2142.58	42.58	2100.00
MW-56C	QA	07/11/03	2142.77	42.51	2100.26
MW-56D	QA	07/11/03	2142.48	42.06	2100.42
MW-57A	QA	07/11/03	2145.98	45.49	2100.49
MW-57B	QA	07/11/03	2146.19	45.70	2100.49
MW-57C	QA	07/11/03	2146.02	45.49	2100.53
MW-57D	QA	07/11/03	2146.10	45.70	2100.40
MW-58A	QA	07/11/03	2140.73	40.62	2100.11
MW-58B	QA	07/11/03	2140.78	40.61	2100.17
MW-58C	QA	07/11/03	2141.02	40.93	2100.09
MW-58D	QA	07/11/03	2140.94	40.87	2100.07
MW-59A	ME	07/14/03	2180.14	82.62	2097.52
MW-59B	ME	07/14/03	2180.39	78.02	2102.37
MW-59C	ME	07/14/03	2179.93	79.73	2100.20
MW-59D	ME	07/14/03	2180.53	79.05	2101.48
MW-60A	ME	07/14/03	2182.59	82.30	2100.29
MW-60B	ME	07/14/03	2182.77	80.86	2101.91
MW-61A	ME	07/14/03	2186.95	83.41	2103.54
MW-61B	ME	07/14/03	2186.77	82.58	2104.19
MW-61C	ME	07/14/03	2186.84	87.77	2099.07
MW-61D	ME	07/14/03	2186.83	85.31	2101.52
MW-62A	QA	07/11/03	2131.32	31.80	2099.52
MW-62B	QA	07/11/03	2131.49	32.16	2099.33
MW-63	QA	07/11/03	2156.20	55.60	2100.60
MW-64	QA	07/11/03	2128.41	29.59	2098.82
MW-65	QA	07/11/03	2128.92	30.32	2098.60
MW-66	QA	07/11/03	2130.43	34.15	2096.28
MW-67	-	07/11/03	NA	5.20	NA
OW-01	QA	07/10/03	2204.62	59.78	2144.84
OW-02	QA	07/10/03	2078.97	3.85	2075.12
OW-03	QA	07/11/03	2143.65	43.35	2100.30
OW-05	-	07/10/03	2160.85	Dry Well	Dry Well
OW-08	QA	07/10/03	2036.33	49.62	1986.71
P-02	-	07/10/03	2081.15	17.06	2064.09
P-03	QA	07/11/03	2140.25	45.80	2094.45
P-04	QA	07/10/03	2112.63	25.67	2086.96
P-05	QA	07/10/03	2162.20	61.21	2100.99

Notes: NA - Not available
(-) HSU Not Defined

Figure 4-1

March 2003, First Quarter
Groundwater Contours
Shallow and Intermediate Wells

Lockheed Beaumont Site #1

Prepared By: Tetra Tech, Inc.

NORTH

0 500 1000

Feet

Legend

- Groundwater Contour (feet MSL)
- Ephemeral Stream Boundary
- Alluvium and Granitic Bedrock/Mt. Eden Formation Contact at Ground Surface
- Monitoring/Injection/Extraction Well (Screened in Shallow or Intermediate Unit)

POTRERO CREEK

BEDSPRINGS CREEK

Rocket Motor Production Area

Burn Pit Area

P-04 2,085.9
MW-11 2,079.26
MW-12 2,081.05
MW-40 2,087.26
P-03 2,095.28
IW-05 2,096.52
IW-04 2,096.53
IW-03 2,096.93
MW-44 2,097.66
MW-66 2,097.2
P-02 2,065.34
MW-29 2,088.8
MW-65 2,099.03
EW-02 2,098.93
MW-05 2,098.49
MW-64 2,099.24
MW-62A 2,099.81
MW-41 2,099.99
MW-39 2,100.53
MW-34 2,102.6
MW-13 2,048.56
MW-42 2,085.86
OW-02 2,075.36
MW-52 2,099.84
MW-56C
2,100.25
MW-19 2,096.58
MW-49 2,099.58
MW-51 2,100.41
MW-58B 2,100.14
MW-57D 2,100.32
MW-04 2,101.18
MW-43 2,063.44
MW-48 2,068.26
OW-03
EW-01 2,100.64
2,100.5
2,100.22
MW-54 2,100.47
MW-63 2,100.51
MW-21 2,100.95
MW-22 2,101.84
MW-37 2,011.34
MW-46 2,020.25
MW-08 2,074.82
MW-50 2,100.28
MW-17 2,099.71
MW-53 2,100.27
MW-20 2,100.57
MW-55 2,100.74
MW-02 2,101.19
2,103.07
MW-10
MW-60B 2,103.45
MW-27 2,103.01
EW-10
EW-08 2,103.51
2,102.65
EW-12 2,103.49
EW-14
MW-59B 2,102.87
IW-02 2,100.3
EW-09 2,103.22
2,103.81
EW-13
EW-16 2,104.47
2,103.47
EW-11 2,103.84
EW-15 2,105.15
EW-18 2,106.05
MW-07 2,100.53
IW-01 2,100.27
MW-35
OW-08 1,985.59
MW-38 1,983.26
MW-14 1,997.95
MW-18 1,982.06
P-05 2,100.18
2,105.36
MW-61B
MW-36 2,107.16
2,100
2,098
2,102
2,101
2,104
2,105
2,103
2,104
2,108
2,107
2,110
2,130
2,105
2,100.5
2,095
2,090
2,085
2,080
2,075
2,070
2,065
2,060
2,050
2,040
2,030
2,020
2,010
2,000
1,995
1,990
1,985

Figure 4-2

July 2003, Second Quarter
Groundwater Contours
Shallow and Intermediate Wells

Lockheed Beaumont Site #1

Prepared By: Tetra Tech, Inc.

NORTH

0 500 1000

Feet

Legend

- Groundwater Contour (feet MSL)
- Ephemeral Stream Boundary
- Alluvium and Granitic Bedrock/Mt. Eden Formation Contact at Ground Surface
- Monitoring/Injection/Extraction Well (Screened in Shallow or Intermediate Unit)

POTRERO CREEK

BEDSPRINGS CREEK

Rocket Motor Production Area

Burn Pit Area

P-04 2,086.96
MW-11 2,079.11
MW-12 2,078.19
MW-40 2,086.43
P-03 2,094.44
IW-05 2,095.41
IW-04 2,095.5
IW-03 2,095.86
MW-44 2,097.01
MW-66 2,096.28
P-02 2,064.09
MW-29 2,087.71
MW-65 2,098.59
EW-02
MW-05 2,097.91
MW-64 2,098.82
MW-62A 2,099.52
MW-41 2,098.83
MW-39 2,100.46
MW-13 2,044.2
MW-42 2,082.95
CW-02 2,075.12
MW-34 2,102.1
MW-19 2,096.22
MW-52 2,099.88
MW-56C
MW-49 2,099.62
MW-51 2,100.28
MW-58B 2,100.17
MW-57D 2,100.4
MW-04 2,101
MW-43 2,062.33
MW-48 2,065.21
OW-03 2,100.3
MW-54 2,100.63
EW-01
MW-21 2,100.82
MW-37 2,007.48
MW-46 2,021.71
MW-08 2,074.24
MW-50 2,100.13
MW-63 2,100.6
MW-22 2,101.43
MW-17 2,099.99
MW-53 2,100.48
MW-20 2,100.68
MW-55 2,100.86
MW-02 2,101.1
MW-10 2,102.3
MW-60B
EW-10 2,102.84
MW-27 2,102.25
EW-08 2,102.99
EW-12 2,101.91
MW-59B 2,102.37
2,102.81
EW-14
EW-09 2,102.47
EW-13 2,103.28
EW-16 2,102.64
IW-02 2,100.51
IW-01 2,100.61
MW-07 2,100.93
EW-11 2,103.76
2,103.58
EW-15 2,104.17
EW-18 2,104.69
MW-35 2,100.8
MW-61B 2,104.19
P-05 2,100.99
MW-36 2,129.3
OW-08 1,986.71
MW-38 1,984.39
MW-14 1,998.08
MW-18 1,980.68
OW-01 2,148.95

4.4 ANALYTICAL DATA SUMMARY

A summary of the validated laboratory analytical results for the analytes detected during the second quarter 2003 water quality monitoring event is presented in Tables 4-4 and 4-5. Table 4-4 presents the volatile organic compounds positively detected during this sampling event. Table 4-5 shows the inorganic analytes positively detected during this event. Only the analytes positively detected during this event are presented in these summary tables. All analytes not shown in these tables were not detected above their respective method detection limit (MDL). Sample results detected above the published maximum contaminant level (MCL) (federal or state, whichever is lower) or state action level (SAL) are shaded in Tables 4-4 and 4-5. A complete list of all the analytes tested, along with the validated sample results by analytical method, is provided in Appendix A. The laboratory analytical data packages, which include all environmental, field QC, and laboratory QC results are provided in Appendix E.

4.5 CHEMICALS OF POTENTIAL CONCERN (COPCS)

A complete evaluation of the groundwater quality data was conducted as part of the *Revised Groundwater Sampling & Analysis Plan, Lockheed Martin Corporation, Beaumont Site 1* (Tetra Tech, 2003b) to identify the groundwater COPCs at the Site. Table 4-3 presents a list of those analytes that have been identified as specific analytes of concern detected in the groundwater at Beaumont Site 1.

Table 4-3
Beaumont Site 1 Groundwater COPCs

Analyte	Classification
Perchlorate	Primary
1,4-Dioxane	Primary
TCE	Primary
1,1-DCE	Primary
1,1,1-TCA	Secondary
1,1-DCA	Secondary
1,2-DCA	Secondary

The process for identifying COPCs is an ongoing process that is conducted after each monitoring event to determine if the list of previously identified COPCs still meets the objectives of the monitoring program and regulatory requirements. The purpose for identifying these COPCs is to establish a list of analytes that best represent the extent and magnitude of the affected groundwater and to focus the more detailed analysis on only those analytes.

Also, every analytical method has a standard list of target compounds that it tests for, therefore by reducing the number of target compounds for a given analytical method the volume of data generated can also be reduced. If sufficient historical analytical data is available, analytes that have not been detected, common laboratory and field contaminants, spurious or randomly detected analytes, and analytes

Table 4-4
Groundwater Analytical Data Summary-Detected Organic Analytes Only
Second Quarter 2003
Lockheed Martin, Beaumont Site 1

Sample Location	Acetone	Carbon Tetrachloride	Chloroform	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	c-1,2-Dichloroethene	Tetrachloroethene	Toluene	1,1,1-Trichloroethane	1,1,2- Trichloroethane	Trichloroethene	Vinyl Chloride	1,4-Dioxane EPA Method 1624
MDLs and MCLs (µg/L unless otherwise noted)														
MDL	3.6	0.4	0.45	0.4	0.35	0.32	0.56	0.2	0.35	0.46	0.42	0.48	0.35	1.1
MCL	-	0.5	100	5	0.5	6	6	5	150	200	5	5	0.5	3*
IW-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.4	ND	31
MW-01	ND	ND	ND	11	9.7	200	ND	ND	ND	11	ND	300	ND	3
MW-03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-05	ND	ND	4.2	4.2	0.58	120	ND	ND	ND	2.1	ND	86	ND	28
MW-06	ND	ND	ND	ND	ND	8.7	ND	ND	ND	ND	ND	8.2	ND	ND
MW-08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.9
MW-12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-13	ND	ND	ND	ND	ND	1.3	ND	ND	ND	ND	ND	2.5 Bk	ND	ND
MW-15	ND	ND	ND	ND	ND	3.3	ND	ND	ND	ND	ND	1.1	ND	9.2
MW-16	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-17	ND	ND	ND	ND	ND	7.7	ND	ND	ND	1.8	ND	7.3	ND	48
MW-18	ND	ND	ND	ND	ND	4.0	ND	ND	ND	ND	ND	2.3	ND	12
MW-19	ND	ND	ND	2.6	ND	23	ND	ND	ND	ND	ND	9.4	ND	72
MW-32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-35	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-37	ND	ND	ND	ND	ND	1.1	ND	ND	ND	ND	ND	ND	ND	ND
MW-40	ND	ND	ND	ND	ND	20	ND	ND	ND	ND	ND	25	ND	24
MW-42	ND	ND	ND	7.0	0.89	93	1.4	ND	42	ND	ND	84	0.95	33
MW-43	ND	ND	ND	ND	ND	6.2	ND	ND	ND	ND	ND	5.6	ND	15
MW-45	ND	ND	ND	ND	ND	9.2	ND	ND	ND	ND	ND	11	ND	16
MW-47	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-48	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-49	ND	ND	ND	ND	ND	16	ND	ND	ND	1.5	ND	20	ND	24
MW-56A	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-56B	ND	ND	ND	1.3	0.70	50	ND	ND	ND	ND	ND	43	ND	7.2
MW-56C	ND	ND	1.3	2.5	1.4	99	ND	ND	ND	2.3	ND	100	ND	34
MW-56D	ND	ND	1.3	1.8	1.0	71	ND	ND	ND	1.1	ND	61	ND	15
MW-58A	ND	ND	ND	ND	ND	35	ND	ND	ND	1.0	ND	33	ND	21
MW-58B	ND	ND	ND	ND	ND	16	ND	ND	ND	1.4	ND	25	ND	26
MW-58C	ND	ND	ND	ND	ND	49	ND	ND	ND	1.3	ND	39	ND	27

Table 4-4
Groundwater Analytical Data Summary-Detected Organic Analytes Only
Second Quarter 2003
Lockheed Martin, Beaumont Site 1

Sample Location	Acetone	Carbon Tetrachloride	Chloroform	1,1-Dichloroethane	1,2-Dichloroethane	1,1-Dichloroethene	c-1,2-Dichloroethene	Tetrachloroethene	Toluene	1,1,1-Trichloroethane	1,1,2- Trichloroethane	Trichloroethene	Vinyl Chloride	1,4-Dioxane EPA Method 1624
MDLs and MCLs (µg/L unless otherwise noted)														
MDL	3.6	0.4	0.45	0.4	0.35	0.32	0.56	0.2	0.35	0.46	0.42	0.48	0.35	1.1
MCL	-	0.5	100	5	0.5	6	6	5	150	200	5	5	0.5	3*
MW-58D	ND	ND	ND	1.9	1.5	70	ND	ND	ND	1.7	ND	70	ND	26
MW-59C	ND	ND	1.0	8.5	13	190	ND	ND	ND	ND	ND	140	ND	22
MW-59D	ND	1.2	3.5	16	25	370	2.2	1.3	ND	3.4	1.8	330	ND	44
MW-62A	ND	ND	1.4	1.2	ND	61	ND	ND	ND	1.6	ND	61	ND	46
MW-66	ND	ND	3.6	5.4	1.0	160	ND	ND	ND	1.2	ND	160	ND	23
MW-67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
OW-01	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
OW-02	ND	ND	ND	ND	ND	18	ND	ND	ND	ND	ND	23	ND	19
OW-08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
P-02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
P-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW-01	34	ND	ND	ND	ND	ND	ND	ND	11	ND	ND	ND	ND	10
SW-02	11	ND	ND	1.0	ND	15	3.3	ND	ND	ND	ND	14	ND	22 Jb
SW-03	11	ND	ND	ND	ND	ND	ND	ND	3.0	ND	ND	ND	ND	8.8
SW-04	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW-05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW-06	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SW-07	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.9

All analysis performed by EPA Method SW8260B, unless otherwise noted

Validation Descriptors

J: The analyte was positively identified, but the analyte concentration is an estimated value.

B: The sample result is less than 5 times the blank contamination. The result qualified for blank contamination is considered not to have originated from the environmental sample, since cross-contamination is suspected.

suspected.

Qualifiers Descriptors

b: The surrogate spike recovery was outside control limits.

k: The analyte was found in a field blank.

Notes

Only the organic analytes positively detected are presented in this table. Organic analytes not shown in this table were not detected above the MDL.

(-) =No MCL listed

(*) California Department of Health Services state action level (SAL).

ND=Non-detect MCL=Maximum Contaminant Level MDL=Method Detection Limit

= Analyte detected at a level exceeding the MCL or SAL.

Table 4-5
Groundwater Analytical Data Summary-Detected Inorganic Analytes Only
Second Quarter 2003
Lockheed Martin, Beaumont Site 1

Sample Location	Perchlorate EPA Method 314.0
MDL and State Action Level (SAL) (µg/L)	
MDL	0.46
SAL	4*
IW-04	**1000**
MW-01	**1200**
MW-03	ND
MW-05	**3500**
MW-06	**110**
MW-08	**450**
MW-09	ND
MW-12	ND
MW-13	ND
MW-15	ND
MW-16	ND
MW-17	**11**
MW-18	**15**
MW-19	**190**
MW-32	ND
MW-35	ND
MW-36	ND
MW-37	ND
MW-40	**930**
MW-42	**180**
MW-43	**110**
MW-45	**320**
MW-47	**16**
MW-48	ND
MW-49	**740**
MW-56A	ND
MW-56B	**350**
MW-56C	**1500**
MW-56D	**650**
MW-58A	**18**
MW-58B	**440**
MW-58C	**1100**
MW-58D	**650**
MW-59C	**4300**
MW-59D	**4600**
MW-62A	**1600**
MW-66	**1100**
MW-67	ND
OW-01	ND
OW-02	**420**
OW-08	ND
P-02	ND
P-04	ND
SW-01	**6.9**
SW-02	**30**
SW-03	**8.4**
SW-04	ND
SW-05	ND
SW-06	ND
SW-07	ND

Notes

Only the analyte positively detected is presented in this table. Analytes not shown in this table were not detected above the MDL.

(*) California Department of Health Services state action level (SAL).

ND=Non-detect

MDL=Method Detection Limit

= Analyte detected at a level exceeding the SAL.

associated with chlorinated potable water, can be removed from the list of target compounds.

An evaluation of the COPCs for the second quarter 2003 groundwater monitoring event is presented in the following two sections (4.5.1 and 4.5.2). All the results from each of the analytical methods were reviewed to develop a consolidated list of only those analytes detected. The results were then screened against the MCLs or SAL to determine which analytes were COPCs. The list of analytes were then further evaluated to divide them into primary and secondary COPCs. The analytes were organized and evaluated in two groups, organic and inorganic analytes.

4.5.1 Organic Analytes

An evaluation of the organic analytes detected in the second quarter 2003 monitoring event was conducted to determine if the current list of COPCs is appropriate. Table 4-6 presents a summary of the organic analytes detected during the second quarter 2003 monitoring event. The table presents summary statistics for each analyte including the number of detections that exceeded the MCL or SAL.

Table 4-6
Summary Statistics of Detected Organic Analytes

Detected Organic Analytes	No. Analyzed	No. Detected	No. Over MCL/ SAL*	MCL/ SAL* (µg/L)	Min. Concentration (µg/L)	Max. Concentration (µg/L)	Average Concentration (µg/L)
Acetone	50	3	0		11	34	19
Carbon tetrachloride	50	1	1	0.5	1.2	1.2	1.2
Chloroform	50	7	0	100	1.0	4.2	2.3
1,1-Dichloroethane	50	13	5	5	1.0	16	5.0
1,2-Dichloroethane	50	10	10	0.5	0.6	25	5.5
1,1-Dichloroethene	50	27	23	6	1.1	370	64
cis-1,2-Dichloroethene	50	3	0	6	1.4	3.3	2.3
1,4-Dioxane	50	29	28*	3*	2.9	72	23
Tetrachloroethene	50	1	0	5	1.3	1.3	1.3
Toluene	50	3	0	150	3.0	42	19
1,1,1-Trichloroethane	50	13	0	200	1.0	11	2.4
1,1,2-Trichloroethane	50	1	0	5	1.8	1.8	1.8
Trichloroethene	50	27	23	5	1.1	330	62
Vinyl chloride	50	1	1	0.5	0.95	0.95	0.95

Note: Shading indicates those analytes detected above the established MCL or SAL.
(*)=California Department of Health Services state action level (SAL).

The seven organic analytes that were detected above their respective MCL/SAL are carbon tetrachloride, 1,1-DCA, 1,2-DCA, 1,1-DCE, 1,4-dioxane, TCE, and vinyl chloride. Carbon tetrachloride and vinyl chloride (a common breakdown product of TCE and 1,1-DCE) were detected in only one sample at

relatively low concentrations of 1.2 µg/L and 0.95 µg/L, respectively. Given the infrequent detections, low concentrations, and the fact that they were detected in wells where other VOCs were detected at much higher concentrations, these analytes should not be considered COPCs at this time. 1,1-DCE, 1,1-DCA, and 1,2-DCA could have been introduced into the environment either as a primary product (solvent), an impurity in a more common solvent such as TCE or 1,1,1-TCA, or as a breakdown product of TCE or 1,1,1-TCA. 1,1-DCA and 1,2-DCA are always detected along with TCE and 1,1-DCE at concentrations one to two orders of magnitude less than TCE or 1,1-DCE. Unless 1,1-DCA or 1,2-DCA are detected in wells where a primary COPC (such as TCE or 1,1-DCE) is not present or the concentration of the breakdown product is higher than the parent product (primary COPC), these analytes should be classified as secondary COPCs. Similarly, 1,1-DCE is also a common breakdown product of TCE and 1,1,1-TCA and could have originated from the chemical or biological transformation of either TCE or 1,1,1-TCA in the subsurface. Based on the large decreasing 1,1,1-TCA trends along with concurrent increasing trends in 1,1-DCE and the fact that 1,1,1-TCA is not stable in the subsurface, it is assumed that the 1,1-DCE detected at the Site is a breakdown product of 1,1,1-TCA. However, since the concentrations of the breakdown product (1,1-DCE) are higher than the parent product (1,1,1-TCA) and 1,1-DCE is detected routinely at some of the highest VOC concentrations detected at the Site, 1,1-DCE should be classified as a primary COPC. Based on the number of detections, the concentrations detected, and the distribution of TCE and 1,4-dioxane at the Site, TCE and 1,4-dioxane should be classified as primary COPCs. It is assumed that 1,4-dioxane may have been introduced into the subsurface along with the solvent 1,1,1-TCA since it is commonly used as a stabilizer in 1,1,1-TCA. Therefore, TCE, 1,1-DCE, and 1,4-dioxane are the only primary organic COPCs that will be further evaluated and discussed in this report.

4.5.2 Inorganic Analytes

Perchlorate is the only inorganic analyte of concern previously identified at the Site. Table 4-7 presents summary statistics for perchlorate including the number of detections that exceeded the SAL. Based on the number of detections and distribution of perchlorate at the Site, perchlorate will continue to be classified as a primary COPC at the Site and will be further evaluated and discussed in this report.

Table 4-7
Summary Statistics of Detected Inorganic Analytes

Detected Inorganic Analytes	No. Analyzed	No. Detected	No. Over SAL	SAL* (µg/L)	Minimum Concentration (µg/L)	Maximum Concentration (µg/L)	Average Concentration (µg/L)
Perchlorate	50	29	29	4	6.9	4,600	880.9

Note: Shading indicates those analytes detected above the SAL.
(*)=California Department of Health Services state action level.

4.5.3 Spatial Distribution

The analyte concentration maps presented in this section show the spatial distribution of the primary COPCs (TCE, 1,1-DCE, 1,4-dioxane, and perchlorate) during the second quarter 2003. Based on the limited number of wells sampled during this event due to the biological constraints, it was not feasible to create analyte concentration contour maps for this dataset. Analyte concentration contour maps will be created once the biological constraints for the Stephen's kangaroo rat are mitigated. Therefore, simple analyte concentration maps were used in this report to show the spatial distribution and relative concentrations of each primary COPC.

4.5.3.1 Perchlorate

Figure 4-3 shows the perchlorate concentrations detected during the second quarter 2003 monitoring event. The concentrations of perchlorate detected during this event ranged from 6.9 to 4,600 µg/L. The highest concentration of perchlorate was 4,600 µg/L detected in MW-59D located immediately downgradient of the BPA. The lowest perchlorate concentration was detected in surface water sample SW-01, located next to OW-02. In general, perchlorate concentrations decrease with depth as shown in the vertical well clusters. The lateral extent of the perchlorate is unknown in the northeastern and south-central portion of the Site due to the absence of monitoring wells in these areas. However, although not all of the wells could be sampled during this event in the source area and central portion of the valley, all the downgradient wells were sampled and the results show that the downgradient limits of the perchlorate plume has been defined.

4.5.3.2 1,4-Dioxane

The concentrations of 1,4-dioxane detected during the second quarter 2003 monitoring event are shown in Figure 4-4. The concentrations of 1,4-dioxane detected during this quarter ranged from to 2.9 to 72 µg/L. The highest concentration of 1,4-dioxane was 72 µg/L detected in MW-19 located downgradient of the RMPA. The lowest 1,4-dioxane concentration was detected in surface water sample SW-07, located south of MW-15/MW-18 within Massacre Canyon. In general, 1,4-dioxane concentrations decrease with depth as shown in the vertical well clusters. Although, not all the wells could be sampled during this event, the

Legend

- LMC Boundary
- Well (Concentration [µg/L] above SAL of 4.0 µg/L)
- Well (Concentration [µg/L] less than SAL of 4.0 µg/L)
- Surface Water Sample (Concentration [µg/L] above SAL of 4.0 µg/L)
- Surface Water Sample (Concentration [µg/L] less than SAL of 4.0 µg/L)
- [S] Shallow
- [I] Intermediate
- [D] Deep

Figure 4-3

Perchlorate Concentrations
Second Quarter 2003

LMC Beaumont Site 1
Prepared By: Tetra Tech, Inc.

P-04 [S] (ND)
MW-12 [S] (ND)
MW-40 [S] (930)
IW-04 [S] (1000)
MW-66 [S] (1100)
P-02 [S] (ND)
SW-01 (6.9)
OW-02 [S] (420)
MW-05 [S] (3500) MW-06 [I] (110)
Rocket Motor Production Area
SW-02 (30)
MW-13 [S] (ND)
MW-56C [S] (1500) MW-56D [S] (650) MW-56B [I] (350)
MW-62A [S] (1600)
MW-37 [S] (ND)
MW-42 [S] (180)
MW-56A [D] (ND)
MW-03 [D] (ND)
OW-08 [S] (ND)
MW-19 [S] (190)
MW-59D [S] (4600) MW-59C [I] (4300)
MW-49 [S] (740)
MW-58B [S] (440) MW-58C [S] (1100) MW-58D [S] (650) MW-58A [I] (18)
Burn Pit Area
MW-43 [S] (110) MW-45 [S] (320)
MW-15 [I] (ND)
MW-08 [S] (450) MW-09 [I] (ND)
MW-48 [S] (ND) MW-47 [S] (16)
MW-36 [S] (ND)
SW-03 (8.4)
MW-17 [S] (11)
MW-35 [S] (ND)
MW-01 [S] (1200)
MW-18 [S] (15)
MW-32 [D] (ND)
SW-07 (ND)
SW-04 (ND)
OW-01 [S] (ND)
SW-05 (ND)
MW-67 [S] (ND)
MW-16 [S] (ND)
SW-06 (ND)

N W E S

0 500 1,000 1,500 2,000 Feet

X:\GIS\LOCKHEED BEAUMONT\Q2-Q3 FIGURES\PERCHLORATE.MXD

Figure 4-4

1,4-Dioxane Concentrations Second Quarter 2003

LMC Beaumont Site 1
Prepared By: Tetra Tech, Inc.

Legend

- LMC Boundary
- Well (Concentration [µg/L] above SAL of 3.0 µg/L)
- Well (Concentration [µg/L] less than SAL of 3.0 µg/L)
- Surface Water Sample (Concentration [µg/L] above SAL of 3.0 µg/L)
- Surface Water Sample (Concentration [µg/L] less than SAL of 3.0 µg/L)
- [S] Shallow
- [I] Intermediate
- [D] Deep

P-04 [S] (ND)
MW-12 [S] (ND)
P-02 [S] (ND)
OW-02 [S] (19)
SW-01 (10)
SW-02 (22)
MW-13 [S] (ND)
OW-08 [S] (ND)
MW-37 [S] (ND)
MW-43 [S] (15)
MW-45 [S] (16)
SW-03 (8.8)
SW-04 (ND)
MW-15 [I] (9.2)
MW-18 [S] (12)
MW-48 [S] (ND)
MW-47 [S] (ND)
MW-40 [S] (24)
MW-42 [S] (33)
MW-05 [S] (28)
MW-06 [I] (ND)
MW-62A [S] (46)
MW-19 [S] (72)
MW-08 [S] (ND)
MW-09 [I] (3.9)
MW-49 [S] (24)
MW-17 [S] (48)
IW-04 [S] (31)
MW-66 [S] (23)
Rocket Motor Production Area
MW-56C [S] (34)
MW-56D [S] (15)
MW-56B [S] (7.2)
MW-56A [I] (ND)
MW-58B [S] (26)
MW-58C [S] (27)
MW-58D [S] (26)
MW-58A [I] (21)
MW-35 [S] (ND)
MW-01 [S] (3.1)
MW-03 [D] (ND)
MW-59D [S] (44)
MW-59C [I] (22)
Burn Pit Area
MW-32 [D] (ND)
MW-36 [S] (ND)
OW-01 [S] (ND)
MW-16 [S] (ND)
MW-67 [S] (ND)
SW-05 (ND)
SW-06 (ND)
SW-07 (2.9)

N W E S

0 500 1,000 1,500 2,000 Feet

X:\GIS\LOCKHEED BEAUMONT\Q2-03 FIGURES\1441 DIOXANE.MXD

wells sampled show that the downgradient limits of the 1,4-dioxane plume are defined. The 1,4-dioxane plume is relatively narrow and well defined except in the northeastern, south-central, and western portions of the Site.

4.5.3.3 Trichloroethylene (TCE)

Figure 4-5 shows the TCE concentrations detected during the second quarter 2003 monitoring event. The concentrations of TCE detected ranged from 1.1 to 330 µg/L. The highest concentration of TCE was 330 µg/L detected in MW-59D located immediately downgradient of the BPA. The lowest TCE concentration was detected in MW-15, located near Potrero Creek at the entrance to Massacre Canyon. Similar to perchlorate and 1,4-dioxane, TCE concentrations generally decrease with depth as shown in the vertical well clusters. The downgradient limits of the TCE plume are well defined, although not all the wells could be sampled during this event. The limits of the TCE are well defined except in the south-central portion of the Site due to the absence of monitoring wells.

4.5.3.4 1,1-DCE

The concentrations of 1,1-DCE detected during the second quarter 2003 monitoring event are shown in Figure 4-6. The concentrations of 1,1-DCE detected during this monitoring event ranged from to 1.1 to 370 µg/L. Similar to TCE and perchlorate, the highest concentration of 1,1-DCE (370 µg/L) was detected in MW-59D located immediately downgradient of the BPA. The lowest concentration of 1,1-DCE was detected in MW-37, located near Potrero Creek in the western portion of the Site. However, well MW-18 approximately 2,500 feet further downgradient contained 4 µg/L of 1,1-DCE. In general, 1,1-DCE concentrations decrease with depth similar to the other COPCs. Although, not all the wells could be sampled during this event, the wells sampled show that the downgradient limits of the 1,1-DCE plume are defined. The 1,1-DCE plume is relatively narrow and well defined except in the south-central portion of the Site.

Figure 4-5

TCE Concentrations Second Quarter 2003

LMC Beaumont Site 1
Prepared By: Tetra Tech, Inc.

Legend

- LMC Boundary
- Well (Concentration [µg/L] above MCL of 5.0 µg/L)
- Well (Concentration [µg/L] less than MCL of 5.0 µg/L)
- Surface Water Sample (Concentration [µg/L] above MCL of 5.0 µg/L)
- Surface Water Sample (Concentration [µg/L] less than MCL of 5.0 µg/L)
- [S] Shallow
- [I] Intermediate
- [D] Deep

P-04 [S] (ND)
MW-12 [S] (ND)
P-02 [S] (ND)
SW-01 (ND)
OW-02 [S] (23)
SW-02 (14)
MW-13 [S] (2.5)
OW-08 [S] (ND)
MW-43 [S] (5.6)
MW-45 [S] (11)
MW-15 [I] (1.1)
MW-18 [S] (2.3)
MW-37 [S] (ND)
SW-03 (ND)
SW-04 (ND)
MW-48 [S] (ND)
MW-47 [S] (ND)
MW-42 [S] (84)
MW-08 [S] (ND)
MW-09 [I] (ND)
MW-40 [S] (25)
MW-05 [S] (86)
MW-06 [I] (8.2)
MW-62A [S] (61)
MW-19 [S] (9.4)
MW-49 [S] (20)
MW-17 [S] (7.3)
MW-66 [S] (160)
IW-04 [S] (1.4)
Rocket Motor Production Area
MW-56A [D] (ND)
MW-56C [S] (100)
MW-56D [S] (61)
MW-56B [I] (43)
MW-03 [D] (ND)
MW-58B [S] (25)
MW-58C [S] (39)
MW-58D [S] (70)
MW-58A [I] (33)
MW-59D [S] (330)
MW-59C [I] (140)
Burn Pit Area
MW-35 [S] (ND)
MW-32 [D] (ND)
MW-01 [S] (300)
MW-36 [S] (ND)
OW-01 [S] (ND)
MW-16 [S] (ND)
MW-67 [S] (ND)
SW-05 (ND)
SW-06 (ND)
SW-07 (ND)

N W E S

0 500 1,000 1,500 2,000 Feet

X:\GIS\LOCKHEED BEAUMONT\Q2-Q3 FIGURES\TCE.MXD

Figure 4-6

1,1-DCE Concentrations Second Quarter 2003

LMC Beaumont Site 1
Prepared By: Tetra Tech, Inc.

Legend

- LMC Boundary
- Well (Concentration [µg/L] above MCL of 6.0 µg/L)
- Well (Concentration [µg/L] less than MCL of 6.0 µg/L)
- Surface Water Sample (Concentration [µg/L] above MCL of 6.0 µg/L)
- Surface Water Sample (Concentration [µg/L] less than MCL of 6.0 µg/L)
- [S] Shallow
- [I] Intermediate
- [D] Deep

MW-12 [S] (ND)
P-04 [S] (ND)
P-02 [S] (ND)
MW-40 [S] (20)
IW-04 [S] (ND)
MW-66 [S] (160)
OW-02 [S] (18)
SW-02 (15)
SW-01 (ND)
MW-05 [S] (120)
MW-06 [I] (8.7)
Rocket Motor Production Area
MW-13 [S] (1.3)
MW-56A [D] (ND)
MW-62A [S] (61)
MW-56C [S] (99)
MW-56D [S] (71)
MW-56B [I] (50)
MW-43 [S] (6.2)
MW-45 [S] (9.2)
MW-42 [S] (93)
OW-08 [S] (ND)
MW-19 [S] (23)
MW-03 [D] (ND)
MW-49 [S] (16)
MW-59D [S] (370)
MW-59C [I] (190)
MW-37 [S] (1.1)
SW-03 (ND)
Burn Pit Area
MW-48 [S] (ND)
MW-47 [S] (ND)
MW-08 [S] (ND)
MW-09 [I] (ND)
MW-17 [S] (7.7)
SW-04 (ND)
MW-58B [S] (16)
MW-58C [S] (49)
MW-58D [S] (70)
MW-58A [I] (35)
MW-35 [S] (ND)
MW-01 [S] (200)
MW-36 [S] (ND)
MW-15 [I] (3.3)
MW-18 [S] (4.0)
MW-32 [D] (ND)
OW-01 [S] (ND)
SW-07 (ND)
SW-05 (ND)
SW-06 (ND)
MW-67 [S] (ND)
MW-16 [S] (ND)

N W E S

0 500 1,000 1,500 2,000 Feet

X:\GIS\LOCKHEED BEAUMONT\Q2-Q3 FIGURES\1-1 DCE.MXD

5.0 SUMMARY AND CONCLUSIONS

5.0 SUMMARY AND CONCLUSIONS

Groundwater level measurements were collected for the first (March) and second (July) quarter 2003 monitoring events. A total of 106 groundwater level measurements were collected during the first quarter 2003 and 107 groundwater level measurements were collected for the second quarter 2003.

For the second quarter 2003 monitoring event, a total of 83 sampling locations (wells and surface water locations) were proposed for water quality monitoring. Due to biological constraints associated with the Stephen's kangaroo rat, 31 wells were not accessible for sampling. In addition, two surface water sampling locations were dry. Therefore, water quality data was collected from 50 locations consisting of one injection well, 37 monitoring wells, three observation wells, two piezometers, and seven surface water locations.

Groundwater Elevations

In general, the groundwater levels continued to decrease during the first quarter and second quarter 2003. This long-term decreasing trend that began back in July 1998 continues during this reporting period, however, at a much slower rate. The strong decreasing trend appears to be flattening out in most wells except for those wells located near Bedsprings or Potrero Creek. Wells located near these drainages showed a short-term seasonal increase from the wet period between November 2002 and March 2003. However, the wells' groundwater levels returned to the generally decreasing trends after March 2003.

Groundwater Flow Direction

Generally, groundwater flows northwest from the southeastern limits of the valley (near the BPA) beneath the RMPA towards Potrero Creek where the flow changes direction and begins heading southwest parallel to the flow direction of Potrero Creek into Massacre Canyon. The groundwater flow directions from the first quarter and second quarter 2003 were very similar and are representative of dry periods when the general flow direction from the BPA through the RMPA is southwest to west.

Water Quality Results

The concentrations of perchlorate detected during this event ranged from 6.9 to 4,600 µg/L. The lateral extent of the perchlorate is unknown in the northeastern and south-central portion of the Site due to the absence of monitoring wells in these areas. However, although not all the wells could be sampled in the source area and central portion of the valley, all of the downgradient wells were sampled and the results show that the downgradient limits of the perchlorate plume have been defined.

1,4-dioxane concentrations detected during the second quarter 2003 monitoring event ranged from to 2.9 to 72 µg/L. The results of this sampling event show that the downgradient limits of the 1,4-dioxane

plume are defined. The 1,4-dioxane plume is relatively narrow and well defined except in the northeastern, south-central, and western portions of the Site.

Concentrations of TCE detected during the second quarter 2003 monitoring event ranged from 1.1 to 330 µg/L. The downgradient limits of the TCE plume are well defined, although not all the wells could be sampled during this event. The limits of the TCE are well defined except in the south-central portion of the Site due to the absence of monitoring wells.

1,1-DCE detected during the second quarter 2003 monitoring event ranged from to 1.1 to 370 µg/L. Although, not all the wells could be sampled during this event, the wells sampled show that the downgradient limits of the 1,1-DCE plume are defined. The 1,1-DCE plume is relatively narrow and well defined except in the south-central portion of the Site.

6.0 REFERENCES

6.0 REFERENCES

Dibblee, T.W.

1981 Geologic Map of Banning (15-minute) Quadrangle, California, South Coast Geologic Society Map 2.

Harden, Deborah R.

1998 *California Geology.* Prentice Hall, Inc., Upper Saddle River, New Jersey. 1998.

Leighton and Associates

1983 *Geotechnical and Water Resources Management Feasibility Study, Potrero Creek Area South of Beaumont, Riverside County, California.* March 24, 1983.

Radian Corporation

1990 *Lockheed Propulsion Company Beaumont Test Facilities Source and Hydrogeologic Investigation.* February 1990.

1992a *Lockheed Propulsion Company Beaumont Test Facilities Remedial Action Plan.* February 1992.

1992b *Hydrogeologic, Lockheed Propulstion Company Beaumont Rest Facilities*, December 1992.

Tetra Tech, Inc.

2002 *Final Supplemental Site Characterization Report, Beaumont Site, Lockheed Martin Corporation.* September 2002.

2003a *Lockheed Beaumont, Site 1 & 2, Phase I Environmental Site Assessment, Beaumont, California.* March 2003.

2003b *Revised Groundwater Sampling and Analysis Plan, Lockheed Martin Corporation, Beaumont Site, Beaumont, California.* May 2003.

7.0 ACRONYMS

7.0 ACRONYMS

1,1-DCE	1,1-dichloroethylene
1,1-DCA	1,1- dichloroethane
1,2-DCA	1,2-dichloroethane
1,1,1-TCA	1,1,1-trichloroethylene
bgs	below ground surface
BPA	burn pit area
COPCs	chemicals of potential concern
DO	dissolved oxygen
DTSC	Department of Toxic Substances Control
EC	electrical conductivity
GMP	groundwater monitoring program
LCS	laboratory control sample
LEB	equipment blank
LFB	field blank
LPC	Lockheed Propulsion Company
LTB	trip blank
MCL	maximum contaminant level
MDL	method detection limit
mg/L	milligrams/liter
µg/L	micrograms/liter
OA	Older Alluvium
ORP	oxidation reduction potential
QA/QC	quality assurance/quality control
RMPA	Rocket Motor Production Area
RPD	relative percent difference
SAL	state action level
TCE	trichloroethylene
TDS	total dissolved solids
VOCs	volatile organic compounds

APPENDIX A

Lockheed Martin, Beaumont							Table 1							
Site: 1							Analytical Data Summary							
Extraction Method: None							EPA Method E314.0							
Analytical Method: E314.0														
Matrix: Water														
Units: ug/L			Environmental Samples											
		Field ID:		MW-115-072103				MW-15-072103				MW-18-072103		
		SDG:		03-07-1059				03-07-1059				03-07-1059		
		Batch ID:		030722L01				030722L01				030722L01		
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
Perchlorate	0.46		2.0	ND	U	g	2.0	ND	U	g	2	15		g

Lockheed Martin, Beaumont				Table 1										
Site: 1				Analytical Data Summary										
Extraction Method: None				EPA Method E314.0										
Analytical Method: E314.0														
Matrix: Water														
Units: ug/L			Environmental Samples											
		Field ID:		MW-67-072103				SW-04-072103				SW-05-072103		
		SDG:		03-07-1059				03-07-1059				03-07-1059		
		Batch ID:		030722L01				030722L01				030722L01		
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
Perchlorate	0.46		2.0	ND	U	g	2.0	ND	U	g	2.0	ND	U	g

Lockheed Martin, Beaumont							Table 1							
Site: 1							Analytical Data Summary							
Extraction Method: None							EPA Method E314.0							
Analytical Method: E314.0														
Matrix: Water														
Units: ug/L			Environmental Samples											
		Field ID:		SW-06-072103				SW-07-072103						
		SDG:		03-07-1059				03-07-1059						
		Batch ID:		030722L01				030722L01						
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments				
Perchlorate	0.46		2.0	ND	U	g	2.0	ND	U	g				

Lockheed Martin, Beaumont				Table 1										
Site: 1				Analytical Data Summary										
Extraction Method: None				EPA Method E314.0										
Analytical Method: E314.0														
Matrix: Water														
Units: ug/L			Environmental Samples											
		Field ID:		MW-08-072203				MW-09-072203				MW-145-072203		
		SDG:		03-07-1139				03-07-1139				03-07-1139		
		Batch ID:		030723L01				030723L01				030723L01		
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
				Dilution 50								Dilution 50		
Perchlorate	0.46		100	450		g	2.0	ND	U	g	100	250		g

Lockheed Martin, Beaumont				Table 1										
Site: 1				Analytical Data Summary										
Extraction Method: None				EPA Method E314.0										
Analytical Method: E314.0														
Matrix: Water														
Units: ug/L			Environmental Samples											
		Field ID:		MW-43-072203				MW-45-072203				MW-47-072203		
		SDG:		03-07-1139				03-07-1139				03-07-1139		
		Batch ID:		030723L01				030723L01				030723L01		
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
				Dilution 20				Dilution 50						
Perchlorate	0.46		40	110		g	100	320		g	2	16		g

Lockheed Martin, Beaumont				Table 1										
Site: 1				Analytical Data Summary										
Extraction Method: None				EPA Method E314.0										
Analytical Method: E314.0														
Matrix: Water														
Units: ug/L			Environmental Samples											
		Field ID:		MW-48-072203				OW-02-072203				SW-01-072203		
		SDG:		03-07-1139				03-07-1139				03-07-1139		
		Batch ID:		030723L01				030723L01				030723L01		
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
								Dilution 50						
Perchlorate	0.46		2.0	ND	U	g	100	420		g	2.0	6.9		g

Lockheed Martin, Beaumont				Table 1										
Site: 1				Analytical Data Summary										
Extraction Method: None				EPA Method E314.0										
Analytical Method: E314.0														
Matrix: Water														
Units: ug/L			Environmental Samples											
		Field ID:		SW-02-072203				SW-03-072203						
		SDG:		03-07-1139				03-07-1139						
		Batch ID:		030723L01				030723L01						
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments				
Perchlorate	0.46		2	30		g	2.0	8.4		g				

Lockheed Martin, Beaumont				Table 1										
Site: 1				Analytical Data Summary										
Extraction Method: None				EPA Method E314.0										
Analytical Method: E314.0														
Matrix: Water														
Units: ug/L			Environmental Samples											
		Field ID:		MW-12-072303				MW-37-072303				OW-08-072303		
		SDG:		03-07-1241				03-07-1241				03-07-1241		
		Batch ID:		030724L01				030724L01				030724L01		
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
Perchlorate	0.46		2.0	ND	U	g	2.0	ND	U	g	2.0	ND	U	g

Lockheed Martin, Beaumont				Table 1										
Site: 1				Analytical Data Summary										
Extraction Method: None				EPA Method E314.0										
Analytical Method: E314.0														
Matrix: Water														
Units: ug/L			Environmental Samples											
		Field ID:		P-02-072303				P-04-072303						
		SDG:		03-07-1241				03-07-1241						
		Batch ID:		030724L01				030724L01						
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments				
Perchlorate	0.46		2.0	ND	U	g	2.0	ND	U	g				

Lockheed Martin, Beaumont							Table 1							
Site: 1							Analytical Data Summary							
Extraction Method: None							EPA Method E314.0							
Analytical Method: E314.0														
Matrix: Water														
Units: ug/L			Environmental Samples											
		Field ID:		MW-136-072403				MW-17-072403				MW-36-072403		
		SDG:		03-07-1364				03-07-1364				03-07-1364		
		Batch ID:		030725L01				030725L01				030725L01		
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
Perchlorate	0.46		2.0	ND	U	g	2	11		g	2.0	ND	U	g

Lockheed Martin, Beaumont							Table 1							
Site: 1							Analytical Data Summary							
Extraction Method: None							EPA Method E314.0							
Analytical Method: E314.0														
Matrix: Water														
Units: ug/L			Environmental Samples											
		Field ID:		MW-56A-072403				MW-58A-072403				OW-01-072403		
		SDG:		03-07-1364				03-07-1364				03-07-1364		
		Batch ID:		030725L01				030725L01				030725L01		
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
Perchlorate	0.46		2.0	ND	U	g	2	18		g	2.0	ND	U	g

Lockheed Martin, Beaumont				Table 1										
Site: 1				Analytical Data Summary										
Extraction Method: None				EPA Method E314.0										
Analytical Method: E314.0														
Matrix: Water														
Units: ug/L			Environmental Samples											
		Field ID:		IW-04-072503				MW-06-072503				MW-106-072503		
		SDG:		03-07-1402				03-07-1402				03-07-1402		
		Batch ID:		030729L01				030729L01				030729L01		
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
				Dilution 100				Dilution 10				Dilution 10		
Perchlorate	0.46		200	1000		g	20	110		g	20	110		g

Lockheed Martin, Beaumont				Table 1										
Site: 1				Analytical Data Summary										
Extraction Method: None				EPA Method E314.0										
Analytical Method: E314.0														
Matrix: Water														
Units: ug/L			Environmental Samples											
		Field ID:		MW-19-072503				MW-40-072503				MW-49-072503		
		SDG:		03-07-1402				03-07-1402				03-07-1402		
		Batch ID:		030729L01				030729L01				030729L01		
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
				Dilution 20				Dilution 100				Dilution 50		
Perchlorate	0.46		40	190		g	200	930		g	100	740		g

Lockheed Martin, Beaumont				Table 1											
Site: 1						Analytical Data Summary									
Extraction Method: None						EPA Method E314.0									
Analytical Method: E314.0															
Matrix: Water															
Units: ug/L			Environmental Samples												
		Field ID:		MW-13-072803				MW-58C-072803				MW-59C-072803			
		SDG:		03-07-1463				03-07-1463				03-07-1463			
		Batch ID:		030730L01				030730L01				030730L01			
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	
								Dilution 50				Dilution 100			
Perchlorate	0.46		2.0	ND	U	g	100	1100		g	200	4300		g	

Lockheed Martin, Beaumont							Table 1							
Site: 1							Analytical Data Summary							
Extraction Method: None							EPA Method E314.0							
Analytical Method: E314.0														
Matrix: Water														
Units: ug/L			Environmental Samples											
		Field ID:		MW-62A-072803										
		SDG:		03-07-1463										
		Batch ID:		030730L01										
Parameters	RDL		PQL	Result	Validity	Comments								
				Dilution 50										
Perchlorate	0.46		100	1600		g								

Lockheed Martin, Beaumont							Table 1								
Site: 1							Analytical Data Summary								
Extraction Method: None							EPA Method E314.0								
Analytical Method: E314.0															
Matrix: Water															
Units: ug/L			Environmental Samples												
		Field ID:		MW-56B-072903					MW-56D-072903				MW-58B-072903		
		SDG:		03-07-1555					03-07-1555				03-07-1555		
		Batch ID:		030731L01					030731L01				030731L01		
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	
				Dilution 10				Dilution 20				Dilution 20			
Perchlorate	0.46		20	350		g	40	650		g	40	440		g	

Lockheed Martin, Beaumont				Table 1										
Site: 1				Analytical Data Summary										
Extraction Method: None				EPA Method E314.0										
Analytical Method: E314.0														
Matrix: Water														
Units: ug/L			Environmental Samples											
		Field ID:		MW-58D-072903				MW-59D-072903						
		SDG:		03-07-1555				03-07-1555						
		Batch ID:		030731L01				030731L01						
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments				
				Dilution 50				Dilution 100						
Perchlorate	0.46		100	650		g	200	4600		g				

Lockheed Martin, Beaumont				Table 1										
Site: 1				Analytical Data Summary										
Extraction Method: None				EPA Method E314.0										
Analytical Method: E314.0														
Matrix: Water														
Units: ug/L			Environmental Samples											
		Field ID:		MW-01-073003				MW-05-073003				MW-105-073003		
		SDG:		03-07-1630				03-07-1630				03-07-1630		
		Batch ID:		030801L01				030801L01				030801L01		
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
				Dilution 50				Dilution 100				Dilution 100		
Perchlorate	0.46		100	1200		g	200	3500		g	200	3800		g

Lockheed Martin, Beaumont				Table 1											
Site: 1				Analytical Data Summary											
Extraction Method: None				EPA Method E314.0											
Analytical Method: E314.0															
Matrix: Water															
Units: ug/L			Environmental Samples												
		Field ID:		MW-42-073003				MW-56C-073003				MW-66-073003			
		SDG:		03-07-1630				03-07-1630				03-07-1630			
		Batch ID:		030801L01				030801L01				030801L01			
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	
				Dilution 5.0				Dilution 50				Dilution 50			
Perchlorate	0.46		10	180		g	100	1500		g	100	1100		g	

Lockheed Martin, Beaumont				Table 1										
Site: 1				Analytical Data Summary										
Extraction Method: None				EPA Method E314.0										
Analytical Method: E314.0														
Matrix: Water														
Units: ug/L			Environmental Samples											
		Field ID:		MW-03-073103				MW-135-073103				MW-16-073103		
		SDG:		03-08-0026				03-08-0026				03-08-0026		
		Batch ID:		030801L01				030801L01				030801L01		
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
Perchlorate	0.46		2.0	ND	U	g	2.0	ND	U	g	2.0	ND	U	g

Lockheed Martin, Beaumont							Table 1							
Site: 1							Analytical Data Summary							
Extraction Method: None							EPA Method E314.0							
Analytical Method: E314.0														
Matrix: Water														
Units: ug/L			Environmental Samples											
		Field ID:		MW-32-073103					MW-35-073103					
		SDG:		03-08-0026					03-08-0026					
		Batch ID:		030801L01					030801L01					
Parameters	RDL		PQL	Result	Validity	Comments	PQL		Result	Validity	Comments			
Perchlorate	0.46		2.0	ND	U	g	2.0		ND	U	g			

Lockheed Martin, Beaumont						Table 2								
Site: 1						Analytical Data Summary								
Extraction Method: SW5030B						EPA Method SW8260B								
Analytical Method: SW8260B														
Matrix: Water			Environmental Samples											
Units: ug/L														
		Field ID:		MW-115-072103				MW-15-072103				MW-18-072103		
		SDG:		03-07-1059				03-07-1059				03-07-1059		
		Batch ID:		030722L01				030722L01				030723L01		
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
Acetone	3.6		10	ND	U	g	10	ND	U	g	10	ND	U	g
Benzene	0.29		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
Bromobenzene	0.26		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromochloromethane	0.37		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromodichloromethane	0.33		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromoform	0.87		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromomethane	0.90		10	ND	U	g	10	ND	U	g	10	ND	U	g
2-Butanone	1.7		10	ND	U	g	10	ND	U	g	10	ND	U	g
n-Butylbenzene	0.34		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
sec-Butylbenzene	0.11		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
tert-Butylbenzene	0.23		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Carbon Disulfide	0.28		10	ND	U	g	10	ND	U	g	10	ND	U	g
Carbon Tetrachloride	0.40		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
Chlorobenzene	0.19		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Chloroethane	0.46		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Chloroform	0.45		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Chloromethane	0.43		10	ND	U	g	10	ND	U	g	10	ND	U	g
2-Chlorotoluene	0.67		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
4-Chlorotoluene	0.16		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Dibromochloromethane	0.29		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dibromo-3-Chloropropane	2.6		5.0	ND	U	g	5.0	ND	U	g	5.0	ND	U	g
1,2-Dibromoethane	0.51		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Dibromomethane	0.46		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dichlorobenzene	0.29		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,3-Dichlorobenzene	0.27		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,4-Dichlorobenzene	0.28		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Dichlorodifluoromethane	0.47		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1-Dichloroethane	0.40		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dichloroethane	0.35		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
1,1-Dichloroethene	0.32		1.0	3.2		g	1.0	3.3		g	1.0	4.0		g
c-1,2-Dichloroethene	0.56		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
t-1,2-Dichloroethene	0.60		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dichloropropane	0.40		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,3-Dichloropropane	0.35		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
2,2-Dichloropropane	0.39		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1-Dichloropropene	0.55		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
c-1,3-Dichloropropene	0.44		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
t-1,3-Dichloropropene	0.30		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
Ethylbenzene	0.19		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
2-Hexanone	2.5		10	ND	U	g	10	ND	U	g	10	ND	U	g

Lockheed Martin, Beaumont						Table 2								
Site: 1						Analytical Data Summary								
Extraction Method: SW5030B						EPA Method SW8260B (Continued)								
Analytical Method: SW8260B														
Matrix: Water			Environmental Samples											
Units: ug/L														
		Field ID:		MW-115-072103				MW-15-072103				MW-18-072103		
		SDG:		03-07-1059				03-07-1059				03-07-1059		
		Batch ID:		030722L01				030722L01				030723L01		
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
Isopropylbenzene	0.17		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
p-Isopropyltoluene	0.17		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Methylene Chloride	1.7		10	ND	U	g	10	ND	U	g	10	ND	U	g
4-Methyl-2-Pentanone	2.6		10	ND	U	g	10	ND	U	g	10	ND	U	g
Naphthalene	0.56		10	ND	U	g	10	ND	U	g	10	ND	U	g
n-Propylbenzene	0.24		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Styrene	0.14		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1,1,2-Tetrachloroethane	0.45		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1,2,2-Tetrachloroethane	0.19		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Tetrachloroethene	0.20		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Toluene	0.35		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2,3-Trichlorobenzene	0.40		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2,4-Trichlorobenzene	0.28		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1,1-Trichloroethane	0.46		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1,2-Trichloroethane	0.42		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Trichloroethene	0.48		1.0	1.1		g	1.0	1.1		g	1.0	2.3		g
Trichlorofluoromethane	0.27		10	ND	U	g	10	ND	U	g	10	ND	U	g
1,2,3-Trichloropropane	2.0		5.0	ND	U	g	5.0	ND	U	g	5.0	ND	U	g
1,2,4-Trimethylbenzene	0.22		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,3,5-Trimethylbenzene	0.11		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Vinyl Acetate	3.6		10	ND	U	g	10	ND	U	g	10	ND	U	g
Vinyl Chloride	0.35		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
p/m-Xylene	0.17		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
o-Xylene	0.16		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Methyl-t-Butyl Ether (MTBE)	0.28		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g

Lockheed Martin, Beaumont						Table 2								
Site: 1						Analytical Data Summary								
Extraction Method: SW5030B						EPA Method SW8260B								
Analytical Method: SW8260B														
Matrix: Water			Environmental Samples											
Units: ug/L														
		Field ID:		MW-67-072103				SW-04-072103				SW-05-072103		
		SDG:		03-07-1059				03-07-1059				03-07-1059		
		Batch ID:		030722L02				030722L01				030722L01		
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
Acetone	3.6		10	ND	U	g	10	ND	U	g	10	ND	U	g
Benzene	0.29		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
Bromobenzene	0.26		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromochloromethane	0.37		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromodichloromethane	0.33		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromoform	0.87		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromomethane	0.90		10	ND	U	g	10	ND	U	g	10	ND	U	g
2-Butanone	1.7		10	ND	U	g	10	ND	U	g	10	ND	U	g
n-Butylbenzene	0.34		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
sec-Butylbenzene	0.11		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
tert-Butylbenzene	0.23		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Carbon Disulfide	0.28		10	ND	U	g	10	ND	U	g	10	ND	U	g
Carbon Tetrachloride	0.40		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
Chlorobenzene	0.19		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Chloroethane	0.46		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Chloroform	0.45		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Chloromethane	0.43		10	ND	U	g	10	ND	U	g	10	ND	U	g
2-Chlorotoluene	0.67		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
4-Chlorotoluene	0.16		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Dibromochloromethane	0.29		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dibromo-3-Chloropropane	2.6		5.0	ND	U	g	5.0	ND	U	g	5.0	ND	U	g
1,2-Dibromoethane	0.51		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Dibromomethane	0.46		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dichlorobenzene	0.29		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,3-Dichlorobenzene	0.27		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,4-Dichlorobenzene	0.28		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Dichlorodifluoromethane	0.47		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1-Dichloroethane	0.40		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dichloroethane	0.35		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
1,1-Dichloroethene	0.32		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
c-1,2-Dichloroethene	0.56		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
t-1,2-Dichloroethene	0.60		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dichloropropane	0.40		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,3-Dichloropropane	0.35		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
2,2-Dichloropropane	0.39		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1-Dichloropropene	0.55		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
c-1,3-Dichloropropene	0.44		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
t-1,3-Dichloropropene	0.30		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
Ethylbenzene	0.19		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
2-Hexanone	2.5		10	ND	U	g	10	ND	U	g	10	ND	U	g

Lockheed Martin, Beaumont				Table 2											
Site: 1				Analytical Data Summary											
Extraction Method: SW5030B				EPA Method SW8260B (Continued)											
Analytical Method: SW8260B															
Matrix: Water			Environmental Samples												
Units: ug/L															
		Field ID:		MW-67-072103				SW-04-072103				SW-05-072103			
		SDG:		03-07-1059				03-07-1059				03-07-1059			
		Batch ID:		030722L02				030722L01				030722L01			
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	
Isopropylbenzene	0.17		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
p-Isopropyltoluene	0.17		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Methylene Chloride	1.7		10	ND	U	g	10	ND	U	g	10	ND	U	g	
4-Methyl-2-Pentanone	2.6		10	ND	U	g	10	ND	U	g	10	ND	U	g	
Naphthalene	0.56		10	ND	U	g	10	ND	U	g	10	ND	U	g	
n-Propylbenzene	0.24		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Styrene	0.14		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,1,1,2-Tetrachloroethane	0.45		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,1,2,2-Tetrachloroethane	0.19		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Tetrachloroethene	0.20		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Toluene	0.35		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,2,3-Trichlorobenzene	0.40		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,2,4-Trichlorobenzene	0.28		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,1,1-Trichloroethane	0.46		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,1,2-Trichloroethane	0.42		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Trichloroethene	0.48		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Trichlorofluoromethane	0.27		10	ND	U	g	10	ND	U	g	10	ND	U	g	
1,2,3-Trichloropropane	2.0		5.0	ND	U	g	5.0	ND	U	g	5.0	ND	U	g	
1,2,4-Trimethylbenzene	0.22		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,3,5-Trimethylbenzene	0.11		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Vinyl Acetate	3.6		10	ND	U	g	10	ND	U	g	10	ND	U	g	
Vinyl Chloride	0.35		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g	
p/m-Xylene	0.17		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
o-Xylene	0.16		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Methyl-t-Butyl Ether (MTBE)	0.28		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	

Lockheed Martin, Beaumont						Table 2								
Site: 1						Analytical Data Summary								
Extraction Method: SW5030B						EPA Method SW8260B								
Analytical Method: SW8260B														
Matrix: Water			Environmental Samples											
Units: ug/L														
		Field ID:		SW-06-072103				SW-07-072103						
		SDG:		03-07-1059				03-07-1059						
		Batch ID:		030722L01				030722L01						
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments				
Acetone	3.6		10	ND	U	g	10	ND	U	g				
Benzene	0.29		0.50	ND	U	g	0.50	ND	U	g				
Bromobenzene	0.26		1.0	ND	U	g	1.0	ND	U	g				
Bromochloromethane	0.37		1.0	ND	U	g	1.0	ND	U	g				
Bromodichloromethane	0.33		1.0	ND	U	g	1.0	ND	U	g				
Bromoform	0.87		1.0	ND	U	g	1.0	ND	U	g				
Bromomethane	0.90		10	ND	U	g	10	ND	U	g				
2-Butanone	1.7		10	ND	U	g	10	ND	U	g				
n-Butylbenzene	0.34		1.0	ND	U	g	1.0	ND	U	g				
sec-Butylbenzene	0.11		1.0	ND	U	g	1.0	ND	U	g				
tert-Butylbenzene	0.23		1.0	ND	U	g	1.0	ND	U	g				
Carbon Disulfide	0.28		10	ND	U	g	10	ND	U	g				
Carbon Tetrachloride	0.40		0.50	ND	U	g	0.50	ND	U	g				
Chlorobenzene	0.19		1.0	ND	U	g	1.0	ND	U	g				
Chloroethane	0.46		1.0	ND	U	g	1.0	ND	U	g				
Chloroform	0.45		1.0	ND	U	g	1.0	ND	U	g				
Chloromethane	0.43		10	ND	U	g	10	ND	U	g				
2-Chlorotoluene	0.67		1.0	ND	U	g	1.0	ND	U	g				
4-Chlorotoluene	0.16		1.0	ND	U	g	1.0	ND	U	g				
Dibromochloromethane	0.29		1.0	ND	U	g	1.0	ND	U	g				
1,2-Dibromo-3-Chloropropane	2.6		5.0	ND	U	g	5.0	ND	U	g				
1,2-Dibromoethane	0.51		1.0	ND	U	g	1.0	ND	U	g				
Dibromomethane	0.46		1.0	ND	U	g	1.0	ND	U	g				
1,2-Dichlorobenzene	0.29		1.0	ND	U	g	1.0	ND	U	g				
1,3-Dichlorobenzene	0.27		1.0	ND	U	g	1.0	ND	U	g				
1,4-Dichlorobenzene	0.28		1.0	ND	U	g	1.0	ND	U	g				
Dichlorodifluoromethane	0.47		1.0	ND	U	g	1.0	ND	U	g				
1,1-Dichloroethane	0.40		1.0	ND	U	g	1.0	ND	U	g				
1,2-Dichloroethane	0.35		0.50	ND	U	g	0.50	ND	U	g				
1,1-Dichloroethene	0.32		1.0	ND	U	g	1.0	ND	U	g				
c-1,2-Dichloroethene	0.56		1.0	ND	U	g	1.0	ND	U	g				
t-1,2-Dichloroethene	0.60		1.0	ND	U	g	1.0	ND	U	g				
1,2-Dichloropropane	0.40		1.0	ND	U	g	1.0	ND	U	g				
1,3-Dichloropropane	0.35		1.0	ND	U	g	1.0	ND	U	g				
2,2-Dichloropropane	0.39		1.0	ND	U	g	1.0	ND	U	g				
1,1-Dichloropropene	0.55		1.0	ND	U	g	1.0	ND	U	g				
c-1,3-Dichloropropene	0.44		0.50	ND	U	g	0.50	ND	U	g				
t-1,3-Dichloropropene	0.30		0.50	ND	U	g	0.50	ND	U	g				
Ethylbenzene	0.19		1.0	ND	U	g	1.0	ND	U	g				
2-Hexanone	2.5		10	ND	U	g	10	ND	U	g				

Lockheed Martin, Beaumont						Table 2								
Site: 1						Analytical Data Summary								
Extraction Method: SW5030B						EPA Method SW8260B (Continued)								
Analytical Method: SW8260B														
Matrix: Water			Environmental Samples											
Units: ug/L														
		Field ID:		SW-06-072103				SW-07-072103						
		SDG:		03-07-1059				03-07-1059						
		Batch ID:		030722L01				030722L01						
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments				
Isopropylbenzene	0.17		1.0	ND	U	g	1.0	ND	U	g				
p-Isopropyltoluene	0.17		1.0	ND	U	g	1.0	ND	U	g				
Methylene Chloride	1.7		10	ND	U	g	10	ND	U	g				
4-Methyl-2-Pentanone	2.6		10	ND	U	g	10	ND	U	g				
Naphthalene	0.56		10	ND	U	g	10	ND	U	g				
n-Propylbenzene	0.24		1.0	ND	U	g	1.0	ND	U	g				
Styrene	0.14		1.0	ND	U	g	1.0	ND	U	g				
1,1,1,2-Tetrachloroethane	0.45		1.0	ND	U	g	1.0	ND	U	g				
1,1,2,2-Tetrachloroethane	0.19		1.0	ND	U	g	1.0	ND	U	g				
Tetrachloroethene	0.20		1.0	ND	U	g	1.0	ND	U	g				
Toluene	0.35		1.0	ND	U	g	1.0	ND	U	g				
1,2,3-Trichlorobenzene	0.40		1.0	ND	U	g	1.0	ND	U	g				
1,2,4-Trichlorobenzene	0.28		1.0	ND	U	g	1.0	ND	U	g				
1,1,1-Trichloroethane	0.46		1.0	ND	U	g	1.0	ND	U	g				
1,1,2-Trichloroethane	0.42		1.0	ND	U	g	1.0	ND	U	g				
Trichloroethene	0.48		1.0	ND	U	g	1.0	ND	U	g				
Trichlorofluoromethane	0.27		10	ND	U	g	10	ND	U	g				
1,2,3-Trichloropropane	2.0		5.0	ND	U	g	5.0	ND	U	g				
1,2,4-Trimethylbenzene	0.22		1.0	ND	U	g	1.0	ND	U	g				
1,3,5-Trimethylbenzene	0.11		1.0	ND	U	g	1.0	ND	U	g				
Vinyl Acetate	3.6		10	ND	U	g	10	ND	U	g				
Vinyl Chloride	0.35		0.50	ND	U	g	0.50	ND	U	g				
p/m-Xylene	0.17		1.0	ND	U	g	1.0	ND	U	g				
o-Xylene	0.16		1.0	ND	U	g	1.0	ND	U	g				
Methyl-t-Butyl Ether (MTBE)	0.28		1.0	ND	U	g	1.0	ND	U	g				

Lockheed Martin, Beaumont				Table 2											
Site: 1				Analytical Data Summary											
Extraction Method: SW5030B				EPA Method SW8260B											
Analytical Method: SW8260B															
Matrix: Water			Environmental Samples												
Units: ug/L															
		Field ID:		MW-08-072203				MW-09-072203				MW-145-072203			
		SDG:		03-07-1139				03-07-1139				03-07-1139			
		Batch ID:		030723L02				030723L02				030723L02			
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	
Acetone	3.6		10	ND	U	g	10	ND	U	g	10	ND	U	g	
Benzene	0.29		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g	
Bromobenzene	0.26		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Bromochloromethane	0.37		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Bromodichloromethane	0.33		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Bromoform	0.87		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Bromomethane	0.90		10	ND	U	g	10	ND	U	g	10	ND	U	g	
2-Butanone	1.7		10	ND	U	g	10	ND	U	g	10	ND	U	g	
n-Butylbenzene	0.34		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
sec-Butylbenzene	0.11		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
tert-Butylbenzene	0.23		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Carbon Disulfide	0.28		10	ND	U	g	10	ND	U	g	10	ND	U	g	
Carbon Tetrachloride	0.40		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g	
Chlorobenzene	0.19		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Chloroethane	0.46		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Chloroform	0.45		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Chloromethane	0.43		10	ND	U	g	10	ND	U	g	10	ND	U	g	
2-Chlorotoluene	0.67		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
4-Chlorotoluene	0.16		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Dibromochloromethane	0.29		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,2-Dibromo-3-Chloropropane	2.6		5.0	ND	U	g	5.0	ND	U	g	5.0	ND	U	g	
1,2-Dibromoethane	0.51		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Dibromomethane	0.46		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,2-Dichlorobenzene	0.29		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,3-Dichlorobenzene	0.27		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,4-Dichlorobenzene	0.28		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Dichlorodifluoromethane	0.47		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,1-Dichloroethane	0.40		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,2-Dichloroethane	0.35		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g	
1,1-Dichloroethene	0.32		1.0	ND	U	g	1.0	ND	U	g	1.0	8.6		g	
c-1,2-Dichloroethene	0.56		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
t-1,2-Dichloroethene	0.60		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,2-Dichloropropane	0.40		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,3-Dichloropropane	0.35		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
2,2-Dichloropropane	0.39		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,1-Dichloropropene	0.55		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
c-1,3-Dichloropropene	0.44		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g	
t-1,3-Dichloropropene	0.30		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g	
Ethylbenzene	0.19		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
2-Hexanone	2.5		10	ND	U	g	10	ND	U	g	10	ND	U	g	

Lockheed Martin, Beaumont				Table 2											
Site: 1				Analytical Data Summary											
Extraction Method: SW5030B				EPA Method SW8260B (Continued)											
Analytical Method: SW8260B															
Matrix: Water			Environmental Samples												
Units: ug/L															
		Field ID:		MW-08-072203				MW-09-072203				MW-145-072203			
		SDG:		03-07-1139				03-07-1139				03-07-1139			
		Batch ID:		030723L02				030723L02				030723L02			
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	
Isopropylbenzene	0.17		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
p-Isopropyltoluene	0.17		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Methylene Chloride	1.7		10	ND	U	g	10	ND	U	g	10	ND	U	g	
4-Methyl-2-Pentanone	2.6		10	ND	U	g	10	ND	U	g	10	ND	U	g	
Naphthalene	0.56		10	ND	U	g	10	ND	U	g	10	ND	U	g	
n-Propylbenzene	0.24		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Styrene	0.14		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,1,1,2-Tetrachloroethane	0.45		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,1,2,2-Tetrachloroethane	0.19		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Tetrachloroethene	0.20		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Toluene	0.35		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,2,3-Trichlorobenzene	0.40		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,2,4-Trichlorobenzene	0.28		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,1,1-Trichloroethane	0.46		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,1,2-Trichloroethane	0.42		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Trichloroethene	0.48		1.0	ND	U	g	1.0	ND	U	g	1.0	9.9		g	
Trichlorofluoromethane	0.27		10	ND	U	g	10	ND	U	g	10	ND	U	g	
1,2,3-Trichloropropane	2.0		5.0	ND	U	g	5.0	ND	U	g	5.0	ND	U	g	
1,2,4-Trimethylbenzene	0.22		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,3,5-Trimethylbenzene	0.11		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Vinyl Acetate	3.6		10	ND	U	g	10	ND	U	g	10	ND	U	g	
Vinyl Chloride	0.35		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g	
p/m-Xylene	0.17		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
o-Xylene	0.16		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Methyl-t-Butyl Ether (MTBE)	0.28		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	

Lockheed Martin, Beaumont						Table 2								
Site: 1						Analytical Data Summary								
Extraction Method: SW5030B						EPA Method SW8260B								
Analytical Method: SW8260B														
Matrix: Water			Environmental Samples											
Units: ug/L														
		Field ID:		MW-43-072203				MW-45-072203				MW-47-072203		
		SDG:		03-07-1139				03-07-1139				03-07-1139		
		Batch ID:		030723L02				030723L02				030723L02		
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
Acetone	3.6		10	ND	U	g	10	ND	U	g	10	ND	U	g
Benzene	0.29		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
Bromobenzene	0.26		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromochloromethane	0.37		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromodichloromethane	0.33		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromoform	0.87		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromomethane	0.90		10	ND	U	g	10	ND	U	g	10	ND	U	g
2-Butanone	1.7		10	ND	U	g	10	ND	U	g	10	ND	U	g
n-Butylbenzene	0.34		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
sec-Butylbenzene	0.11		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
tert-Butylbenzene	0.23		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Carbon Disulfide	0.28		10	ND	U	g	10	ND	U	g	10	ND	U	g
Carbon Tetrachloride	0.40		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
Chlorobenzene	0.19		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Chloroethane	0.46		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Chloroform	0.45		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Chloromethane	0.43		10	ND	U	g	10	ND	U	g	10	ND	U	g
2-Chlorotoluene	0.67		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
4-Chlorotoluene	0.16		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Dibromochloromethane	0.29		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dibromo-3-Chloropropane	2.6		5.0	ND	U	g	5.0	ND	U	g	5.0	ND	U	g
1,2-Dibromoethane	0.51		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Dibromomethane	0.46		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dichlorobenzene	0.29		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,3-Dichlorobenzene	0.27		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,4-Dichlorobenzene	0.28		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Dichlorodifluoromethane	0.47		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1-Dichloroethane	0.40		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dichloroethane	0.35		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
1,1-Dichloroethene	0.32		1.0	6.2		g	1.0	9.2		g	1.0	ND	U	g
c-1,2-Dichloroethene	0.56		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
t-1,2-Dichloroethene	0.60		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dichloropropane	0.40		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,3-Dichloropropane	0.35		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
2,2-Dichloropropane	0.39		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1-Dichloropropene	0.55		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
c-1,3-Dichloropropene	0.44		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
t-1,3-Dichloropropene	0.30		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
Ethylbenzene	0.19		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
2-Hexanone	2.5		10	ND	U	g	10	ND	U	g	10	ND	U	g

Lockheed Martin, Beaumont						Table 2								
Site: 1						Analytical Data Summary								
Extraction Method: SW5030B						EPA Method SW8260B (Continued)								
Analytical Method: SW8260B														
Matrix: Water			Environmental Samples											
Units: ug/L														
		Field ID:		MW-43-072203				MW-45-072203				MW-47-072203		
		SDG:		03-07-1139				03-07-1139				03-07-1139		
		Batch ID:		030723L02				030723L02				030723L02		
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
Isopropylbenzene	0.17		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
p-Isopropyltoluene	0.17		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Methylene Chloride	1.7		10	ND	U	g	10	ND	U	g	10	ND	U	g
4-Methyl-2-Pentanone	2.6		10	ND	U	g	10	ND	U	g	10	ND	U	g
Naphthalene	0.56		10	ND	U	g	10	ND	U	g	10	ND	U	g
n-Propylbenzene	0.24		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Styrene	0.14		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1,1,2-Tetrachloroethane	0.45		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1,2,2-Tetrachloroethane	0.19		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Tetrachloroethene	0.20		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Toluene	0.35		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2,3-Trichlorobenzene	0.40		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2,4-Trichlorobenzene	0.28		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1,1-Trichloroethane	0.46		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1,2-Trichloroethane	0.42		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Trichloroethene	0.48		1.0	5.6		g	1	11		g	1.0	ND	U	g
Trichlorofluoromethane	0.27		10	ND	U	g	10	ND	U	g	10	ND	U	g
1,2,3-Trichloropropane	2.0		5.0	ND	U	g	5.0	ND	U	g	5.0	ND	U	g
1,2,4-Trimethylbenzene	0.22		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,3,5-Trimethylbenzene	0.11		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Vinyl Acetate	3.6		10	ND	U	g	10	ND	U	g	10	ND	U	g
Vinyl Chloride	0.35		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
p/m-Xylene	0.17		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
o-Xylene	0.16		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Methyl-t-Butyl Ether (MTBE)	0.28		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g

Lockheed Martin, Beaumont						Table 2								
Site: 1						Analytical Data Summary								
Extraction Method: SW5030B						EPA Method SW8260B								
Analytical Method: SW8260B														
Matrix: Water			Environmental Samples											
Units: ug/L														
		Field ID:		MW-48-072203				OW-02-072203				SW-01-072203		
		SDG:		03-07-1139				03-07-1139				03-07-1139		
		Batch ID:		030723L02				030723L02				030723L02		
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
Acetone	3.6		10	ND	U	g	10	ND	U	g	10	34		g
Benzene	0.29		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
Bromobenzene	0.26		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromochloromethane	0.37		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromodichloromethane	0.33		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromoform	0.87		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromomethane	0.90		10	ND	U	g	10	ND	U	g	10	ND	U	g
2-Butanone	1.7		10	ND	U	g	10	ND	U	g	10	ND	U	g
n-Butylbenzene	0.34		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
sec-Butylbenzene	0.11		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
tert-Butylbenzene	0.23		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Carbon Disulfide	0.28		10	ND	U	g	10	ND	U	g	10	ND	U	g
Carbon Tetrachloride	0.40		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
Chlorobenzene	0.19		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Chloroethane	0.46		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Chloroform	0.45		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Chloromethane	0.43		10	ND	U	g	10	ND	U	g	10	ND	U	g
2-Chlorotoluene	0.67		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
4-Chlorotoluene	0.16		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Dibromochloromethane	0.29		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dibromo-3-Chloropropane	2.6		5.0	ND	U	g	5.0	ND	U	g	5.0	ND	U	g
1,2-Dibromoethane	0.51		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Dibromomethane	0.46		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dichlorobenzene	0.29		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,3-Dichlorobenzene	0.27		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,4-Dichlorobenzene	0.28		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Dichlorodifluoromethane	0.47		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1-Dichloroethane	0.40		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dichloroethane	0.35		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
1,1-Dichloroethene	0.32		1.0	ND	U	g	1	18		g	1.0	ND	U	g
c-1,2-Dichloroethene	0.56		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
t-1,2-Dichloroethene	0.60		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dichloropropane	0.40		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,3-Dichloropropane	0.35		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
2,2-Dichloropropane	0.39		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1-Dichloropropene	0.55		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
c-1,3-Dichloropropene	0.44		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
t-1,3-Dichloropropene	0.30		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
Ethylbenzene	0.19		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
2-Hexanone	2.5		10	ND	U	g	10	ND	U	g	10	ND	U	g

Lockheed Martin, Beaumont				Table 2											
Site: 1				Analytical Data Summary											
Extraction Method: SW5030B				EPA Method SW8260B (Continued)											
Analytical Method: SW8260B															
Matrix: Water			Environmental Samples												
Units: ug/L															
		Field ID:		MW-48-072203				OW-02-072203				SW-01-072203			
		SDG:		03-07-1139				03-07-1139				03-07-1139			
		Batch ID:		030723L02				030723L02				030723L02			
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	
Isopropylbenzene	0.17		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
p-Isopropyltoluene	0.17		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Methylene Chloride	1.7		1.0	ND	U	g	1.0	ND	U	g	10	ND	U	g	
4-Methyl-2-Pentanone	2.6		1.0	ND	U	g	1.0	ND	U	g	10	ND	U	g	
Naphthalene	0.56		1.0	ND	U	g	1.0	ND	U	g	10	ND	U	g	
n-Propylbenzene	0.24		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Styrene	0.14		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,1,1,2-Tetrachloroethane	0.45		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,1,2,2-Tetrachloroethane	0.19		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Tetrachloroethene	0.20		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Toluene	0.35		10	ND	U	g	10	ND	U	g	1.0	11		g	
1,2,3-Trichlorobenzene	0.40		5.0	ND	U	g	5.0	ND	U	g	1.0	ND	U	g	
1,2,4-Trichlorobenzene	0.28		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,1,1-Trichloroethane	0.46		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,1,2-Trichloroethane	0.42		10	ND	U	g	10	ND	U	g	1.0	ND	U	g	
Trichloroethene	0.48		0.50	ND	U	g	0.50	23		g	1.0	ND	U	g	
Trichlorofluoromethane	0.27		1.0	ND	U	g	1.0	ND	U	g	10	ND	U	g	
1,2,3-Trichloropropane	2.0		1.0	ND	U	g	1.0	ND	U	g	5.0	ND	U	g	
1,2,4-Trimethylbenzene	0.22		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,3,5-Trimethylbenzene	0.11		1.1	ND	U	g	1.1	ND	U	g	1.0	ND	U	g	
Vinyl Acetate	3.6		1.2	ND	U	g	1.2	ND	U	g	10	ND	U	g	
Vinyl Chloride	0.35		1.3	ND	U	g	1.3	ND	U	g	0.50	ND	U	g	
p/m-Xylene	0.17		1.4	ND	U	g	1.4	ND	U	g	1.0	ND	U	g	
o-Xylene	0.16		1.5	ND	U	g	1.5	ND	U	g	1.0	ND	U	g	
Methyl-t-Butyl Ether (MTBE)	0.28		1.6	ND	U	g	1.6	ND	U	g	1.0	ND	U	g	

Lockheed Martin, Beaumont						Table 2								
Site: 1						Analytical Data Summary								
Extraction Method: SW5030B						EPA Method SW8260B (Continued)								
Analytical Method: SW8260B														
Matrix: Water			Environmental Samples											
Units: ug/L														
		Field ID:		SW-02-072203				SW-03-072203						
		SDG:		03-07-1139				03-07-1139						
		Batch ID:		030723L02				030723L02						
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments				
Acetone	3.6		10	11		g	10	11		g				
Benzene	0.29		0.50	ND	U	g	0.50	ND	U	g				
Bromobenzene	0.26		1.0	ND	U	g	1.0	ND	U	g				
Bromochloromethane	0.37		1.0	ND	U	g	1.0	ND	U	g				
Bromodichloromethane	0.33		1.0	ND	U	g	1.0	ND	U	g				
Bromoform	0.87		1.0	ND	U	g	1.0	ND	U	g				
Bromomethane	0.90		10	ND	U	g	10	ND	U	g				
2-Butanone	1.7		10	ND	U	g	10	ND	U	g				
n-Butylbenzene	0.34		1.0	ND	U	g	1.0	ND	U	g				
sec-Butylbenzene	0.11		1.0	ND	U	g	1.0	ND	U	g				
tert-Butylbenzene	0.23		1.0	ND	U	g	1.0	ND	U	g				
Carbon Disulfide	0.28		10	ND	U	g	10	ND	U	g				
Carbon Tetrachloride	0.40		0.50	ND	U	g	0.50	ND	U	g				
Chlorobenzene	0.19		1.0	ND	U	g	1.0	ND	U	g				
Chloroethane	0.46		1.0	ND	U	g	1.0	ND	U	g				
Chloroform	0.45		1.0	ND	U	g	1.0	ND	U	g				
Chloromethane	0.43		10	ND	U	g	10	ND	U	g				
2-Chlorotoluene	0.67		1.0	ND	U	g	1.0	ND	U	g				
4-Chlorotoluene	0.16		1.0	ND	U	g	1.0	ND	U	g				
Dibromochloromethane	0.29		1.0	ND	U	g	1.0	ND	U	g				
1,2-Dibromo-3-Chloropropane	2.6		5.0	ND	U	g	5.0	ND	U	g				
1,2-Dibromoethane	0.51		1.0	ND	U	g	1.0	ND	U	g				
Dibromomethane	0.46		1.0	ND	U	g	1.0	ND	U	g				
1,2-Dichlorobenzene	0.29		1.0	ND	U	g	1.0	ND	U	g				
1,3-Dichlorobenzene	0.27		1.0	ND	U	g	1.0	ND	U	g				
1,4-Dichlorobenzene	0.28		1.0	ND	U	g	1.0	ND	U	g				
Dichlorodifluoromethane	0.47		1.0	ND	U	g	1.0	ND	U	g				
1,1-Dichloroethane	0.40		1.0	1.0		g	1.0	ND	U	g				
1,2-Dichloroethane	0.35		0.50	ND	U	g	0.50	ND	U	g				
1,1-Dichloroethene	0.32		1	15		g	1.0	ND	U	g				
c-1,2-Dichloroethene	0.56		1.0	3.3		g	1.0	ND	U	g				
t-1,2-Dichloroethene	0.60		1.0	ND	U	g	1.0	ND	U	g				
1,2-Dichloropropane	0.40		1.0	ND	U	g	1.0	ND	U	g				
1,3-Dichloropropane	0.35		1.0	ND	U	g	1.0	ND	U	g				
2,2-Dichloropropane	0.39		1.0	ND	U	g	1.0	ND	U	g				
1,1-Dichloropropene	0.55		1.0	ND	U	g	1.0	ND	U	g				
c-1,3-Dichloropropene	0.44		0.50	ND	U	g	0.50	ND	U	g				
t-1,3-Dichloropropene	0.30		0.50	ND	U	g	0.50	ND	U	g				
Ethylbenzene	0.19		1.0	ND	U	g	1.0	ND	U	g				
2-Hexanone	2.5		10	ND	U	g	10	ND	U	g				

Lockheed Martin, Beaumont						Table 2								
Site: 1						Analytical Data Summary								
Extraction Method: SW5030B						EPA Method SW8260B								
Analytical Method: SW8260B														
Matrix: Water			Environmental Samples											
Units: ug/L														
		Field ID:		SW-02-072203				SW-03-072203						
		SDG:		03-07-1139				03-07-1139						
		Batch ID:		030723L02				030723L02						
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments				
Isopropylbenzene	0.17		1.0	ND	U	g	1.0	ND	U	g				
p-Isopropyltoluene	0.17		1.0	ND	U	g	1.0	ND	U	g				
Methylene Chloride	1.7		10	ND	U	g	10	ND	U	g				
4-Methyl-2-Pentanone	2.6		10	ND	U	g	10	ND	U	g				
Naphthalene	0.56		10	ND	U	g	10	ND	U	g				
n-Propylbenzene	0.24		1.0	ND	U	g	1.0	ND	U	g				
Styrene	0.14		1.0	ND	U	g	1.0	ND	U	g				
1,1,1,2-Tetrachloroethane	0.45		1.0	ND	U	g	1.0	ND	U	g				
1,1,2,2-Tetrachloroethane	0.19		1.0	ND	U	g	1.0	ND	U	g				
Tetrachloroethene	0.20		1.0	ND	U	g	1.0	ND	U	g				
Toluene	0.35		1.0	ND	U	g	1.0	3.0		g				
1,2,3-Trichlorobenzene	0.40		1.0	ND	U	g	1.0	ND	U	g				
1,2,4-Trichlorobenzene	0.28		1.0	ND	U	g	1.0	ND	U	g				
1,1,1-Trichloroethane	0.46		1.0	ND	U	g	1.0	ND	U	g				
1,1,2-Trichloroethane	0.42		1.0	ND	U	g	1.0	ND	U	g				
Trichloroethene	0.48		1	14		g	1.0	ND	U	g				
Trichlorofluoromethane	0.27		10	ND	U	g	10	ND	U	g				
1,2,3-Trichloropropane	2.0		5.0	ND	U	g	5.0	ND	U	g				
1,2,4-Trimethylbenzene	0.22		1.0	ND	U	g	1.0	ND	U	g				
1,3,5-Trimethylbenzene	0.11		1.0	ND	U	g	1.0	ND	U	g				
Vinyl Acetate	3.6		10	ND	U	g	10	ND	U	g				
Vinyl Chloride	0.35		0.50	ND	U	g	0.50	ND	U	g				
p/m-Xylene	0.17		1.0	ND	U	g	1.0	ND	U	g				
o-Xylene	0.16		1.0	ND	U	g	1.0	ND	U	g				
Methyl-t-Butyl Ether (MTBE)	0.28		1.0	ND	U	g	1.0	ND	U	g				

Lockheed Martin, Beaumont						Table 2								
Site: 1						Analytical Data Summary								
Extraction Method: SW5030B						EPA Method SW8260B (Continued)								
Analytical Method: SW8260B														
Matrix: Water			Environmental Samples											
Units: ug/L														
		Field ID:		MW-12-072303				MW-37-072303				OW-08-072303		
		SDG:		03-07-1241				03-07-1241				03-07-1241		
		Batch ID:		030725L02				030725L02				030725L01		
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
Acetone	3.6		10	ND	U	g	10	ND	U	g	10	ND	U	g
Benzene	0.29		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
Bromobenzene	0.26		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromochloromethane	0.37		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromodichloromethane	0.33		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromoform	0.87		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromomethane	0.90		10	ND	U	g	10	ND	U	g	10	ND	U	g
2-Butanone	1.7		10	ND	U	g	10	ND	U	g	10	ND	U	g
n-Butylbenzene	0.34		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
sec-Butylbenzene	0.11		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
tert-Butylbenzene	0.23		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Carbon Disulfide	0.28		10	ND	U	g	10	ND	U	g	10	ND	U	g
Carbon Tetrachloride	0.40		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
Chlorobenzene	0.19		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Chloroethane	0.46		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Chloroform	0.45		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Chloromethane	0.43		10	ND	U	g	10	ND	U	g	10	ND	U	g
2-Chlorotoluene	0.67		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
4-Chlorotoluene	0.16		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Dibromochloromethane	0.29		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dibromo-3-Chloropropane	2.6		5.0	ND	U	g	5.0	ND	U	g	5.0	ND	U	g
1,2-Dibromoethane	0.51		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Dibromomethane	0.46		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dichlorobenzene	0.29		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,3-Dichlorobenzene	0.27		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,4-Dichlorobenzene	0.28		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Dichlorodifluoromethane	0.47		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1-Dichloroethane	0.40		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dichloroethane	0.35		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
1,1-Dichloroethene	0.32		1.0	ND	U	g	1.0	1.1		g	1.0	ND	U	g
c-1,2-Dichloroethene	0.56		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
t-1,2-Dichloroethene	0.60		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dichloropropane	0.40		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,3-Dichloropropane	0.35		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
2,2-Dichloropropane	0.39		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1-Dichloropropene	0.55		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
c-1,3-Dichloropropene	0.44		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
t-1,3-Dichloropropene	0.30		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
Ethylbenzene	0.19		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
2-Hexanone	2.5		10	ND	U	g	10	ND	U	g	10	ND	U	g

Lockheed Martin, Beaumont				Table 2											
Site: 1				Analytical Data Summary											
Extraction Method: SW5030B				EPA Method SW8260B											
Analytical Method: SW8260B															
Matrix: Water			Environmental Samples												
Units: ug/L															
		Field ID:		MW-12-072303				MW-37-072303				OW-08-072303			
		SDG:		03-07-1241				03-07-1241				03-07-1241			
		Batch ID:		030725L02				030725L02				030725L01			
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	
Isopropylbenzene	0.17		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
p-Isopropyltoluene	0.17		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Methylene Chloride	1.7		10	ND	U	g	10	ND	U	g	10	ND	U	g	
4-Methyl-2-Pentanone	2.6		10	ND	U	g	10	ND	U	g	10	ND	U	g	
Naphthalene	0.56		10	ND	U	g	10	ND	U	g	10	ND	U	g	
n-Propylbenzene	0.24		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Styrene	0.14		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,1,1,2-Tetrachloroethane	0.45		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,1,2,2-Tetrachloroethane	0.19		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Tetrachloroethene	0.20		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Toluene	0.35		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,2,3-Trichlorobenzene	0.40		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,2,4-Trichlorobenzene	0.28		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,1,1-Trichloroethane	0.46		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,1,2-Trichloroethane	0.42		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Trichloroethene	0.48		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Trichlorofluoromethane	0.27		10	ND	U	g	10	ND	U	g	10	ND	U	g	
1,2,3-Trichloropropane	2.0		5.0	ND	U	g	5.0	ND	U	g	5.0	ND	U	g	
1,2,4-Trimethylbenzene	0.22		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,3,5-Trimethylbenzene	0.11		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Vinyl Acetate	3.6		10	ND	U	g	10	ND	U	g	10	ND	U	g	
Vinyl Chloride	0.35		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g	
p/m-Xylene	0.17		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
o-Xylene	0.16		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Methyl-t-Butyl Ether (MTBE)	0.28		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	

Lockheed Martin, Beaumont						Table 2								
Site: 1						Analytical Data Summary								
Extraction Method: SW5030B						EPA Method SW8260B (Continued)								
Analytical Method: SW8260B														
Matrix: Water			Environmental Samples											
Units: ug/L														
		Field ID:		P-02-072303				P-04-072303						
		SDG:		03-07-1241				03-07-1241						
		Batch ID:		030728L01				030725L02						
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments				
Acetone	3.6		10	ND	U	g	10	ND	U	g				
Benzene	0.29		0.50	ND	U	g	0.50	ND	U	g				
Bromobenzene	0.26		1.0	ND	U	g	1.0	ND	U	g				
Bromochloromethane	0.37		1.0	ND	U	g	1.0	ND	U	g				
Bromodichloromethane	0.33		1.0	ND	U	g	1.0	ND	U	g				
Bromoform	0.87		1.0	ND	U	g	1.0	ND	U	g				
Bromomethane	0.90		10	ND	U	g	10	ND	U	g				
2-Butanone	1.7		10	ND	U	g	10	ND	U	g				
n-Butylbenzene	0.34		1.0	ND	U	g	1.0	ND	U	g				
sec-Butylbenzene	0.11		1.0	ND	U	g	1.0	ND	U	g				
tert-Butylbenzene	0.23		1.0	ND	U	g	1.0	ND	U	g				
Carbon Disulfide	0.28		10	ND	U	g	10	ND	U	g				
Carbon Tetrachloride	0.40		0.50	ND	U	g	0.50	ND	U	g				
Chlorobenzene	0.19		1.0	ND	U	g	1.0	ND	U	g				
Chloroethane	0.46		1.0	ND	U	g	1.0	ND	U	g				
Chloroform	0.45		1.0	ND	U	g	1.0	ND	U	g				
Chloromethane	0.43		10	ND	U	g	10	ND	U	g				
2-Chlorotoluene	0.67		1.0	ND	U	g	1.0	ND	U	g				
4-Chlorotoluene	0.16		1.0	ND	U	g	1.0	ND	U	g				
Dibromochloromethane	0.29		1.0	ND	U	g	1.0	ND	U	g				
1,2-Dibromo-3-Chloropropane	2.6		5.0	ND	U	g	5.0	ND	U	g				
1,2-Dibromoethane	0.51		1.0	ND	U	g	1.0	ND	U	g				
Dibromomethane	0.46		1.0	ND	U	g	1.0	ND	U	g				
1,2-Dichlorobenzene	0.29		1.0	ND	U	g	1.0	ND	U	g				
1,3-Dichlorobenzene	0.27		1.0	ND	U	g	1.0	ND	U	g				
1,4-Dichlorobenzene	0.28		1.0	ND	U	g	1.0	ND	U	g				
Dichlorodifluoromethane	0.47		1.0	ND	U	g	1.0	ND	U	g				
1,1-Dichloroethane	0.40		1.0	ND	U	g	1.0	ND	U	g				
1,2-Dichloroethane	0.35		0.50	ND	U	g	0.50	ND	U	g				
1,1-Dichloroethene	0.32		1.0	ND	U	g	1.0	ND	U	g				
c-1,2-Dichloroethene	0.56		1.0	ND	U	g	1.0	ND	U	g				
t-1,2-Dichloroethene	0.60		1.0	ND	U	g	1.0	ND	U	g				
1,2-Dichloropropane	0.40		1.0	ND	U	g	1.0	ND	U	g				
1,3-Dichloropropane	0.35		1.0	ND	U	g	1.0	ND	U	g				
2,2-Dichloropropane	0.39		1.0	ND	U	g	1.0	ND	U	g				
1,1-Dichloropropene	0.55		1.0	ND	U	g	1.0	ND	U	g				
c-1,3-Dichloropropene	0.44		0.50	ND	U	g	0.50	ND	U	g				
t-1,3-Dichloropropene	0.30		0.50	ND	U	g	0.50	ND	U	g				
Ethylbenzene	0.19		1.0	ND	U	g	1.0	ND	U	g				
2-Hexanone	2.5		10	ND	U	g	10	ND	U	g				

Lockheed Martin, Beaumont				Table 2										
Site: 1				Analytical Data Summary										
Extraction Method: SW5030B				EPA Method SW8260B										
Analytical Method: SW8260B														
Matrix: Water			Environmental Samples											
Units: ug/L														
		Field ID:		P-02-072303				P-04-072303						
		SDG:		03-07-1241				03-07-1241						
		Batch ID:		030728L01				030725L02						
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments				
Isopropylbenzene	0.17		1.0	ND	U	g	1.0	ND	U	g				
p-Isopropyltoluene	0.17		1.0	ND	U	g	1.0	ND	U	g				
Methylene Chloride	1.7		10	ND	U	g	10	ND	U	g				
4-Methyl-2-Pentanone	2.6		10	ND	U	g	10	ND	U	g				
Naphthalene	0.56		10	ND	U	g	10	ND	U	g				
n-Propylbenzene	0.24		1.0	ND	U	g	1.0	ND	U	g				
Styrene	0.14		1.0	ND	U	g	1.0	ND	U	g				
1,1,1,2-Tetrachloroethane	0.45		1.0	ND	U	g	1.0	ND	U	g				
1,1,2,2-Tetrachloroethane	0.19		1.0	ND	U	g	1.0	ND	U	g				
Tetrachloroethene	0.20		1.0	ND	U	g	1.0	ND	U	g				
Toluene	0.35		1.0	ND	U	g	1.0	ND	U	g				
1,2,3-Trichlorobenzene	0.40		1.0	ND	U	g	1.0	ND	U	g				
1,2,4-Trichlorobenzene	0.28		1.0	ND	U	g	1.0	ND	U	g				
1,1,1-Trichloroethane	0.46		1.0	ND	U	g	1.0	ND	U	g				
1,1,2-Trichloroethane	0.42		1.0	ND	U	g	1.0	ND	U	g				
Trichloroethene	0.48		1.0	ND	U	g	1.0	ND	U	g				
Trichlorofluoromethane	0.27		10	ND	U	g	10	ND	U	g				
1,2,3-Trichloropropane	2.0		5.0	ND	U	g	5.0	ND	U	g				
1,2,4-Trimethylbenzene	0.22		1.0	ND	U	g	1.0	ND	U	g				
1,3,5-Trimethylbenzene	0.11		1.0	ND	U	g	1.0	ND	U	g				
Vinyl Acetate	3.6		10	ND	U	g	10	ND	U	g				
Vinyl Chloride	0.35		0.50	ND	U	g	0.50	ND	U	g				
p/m-Xylene	0.17		1.0	ND	U	g	1.0	ND	U	g				
o-Xylene	0.16		1.0	ND	U	g	1.0	ND	U	g				
Methyl-t-Butyl Ether (MTBE)	0.28		1.0	ND	U	g	1.0	ND	U	g				

Lockheed Martin, Beaumont						Table 2								
Site: 1						Analytical Data Summary								
Extraction Method: SW5030B						EPA Method SW8260B (Continued)								
Analytical Method: SW8260B														
Matrix: Water			Environmental Samples											
Units: ug/L														
		Field ID:		MW-136-072403				MW-17-072403.				MW-36-072403		
		SDG:		03-07-1364				03-07-1364				03-07-1364		
		Batch ID:		030729L01				030729L02				030729L01		
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
Acetone	3.6		10	ND	U	g	10	ND	U	g	10	ND	U	g
Benzene	0.29		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
Bromobenzene	0.26		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromochloromethane	0.37		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromodichloromethane	0.33		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromoform	0.87		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromomethane	0.90		10	ND	U	g	10	ND	U	g	10	ND	U	g
2-Butanone	1.7		10	ND	U	g	10	ND	U	g	10	ND	U	g
n-Butylbenzene	0.34		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
sec-Butylbenzene	0.11		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
tert-Butylbenzene	0.23		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Carbon Disulfide	0.28		10	ND	U	g	10	ND	U	g	10	ND	U	g
Carbon Tetrachloride	0.40		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
Chlorobenzene	0.19		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Chloroethane	0.46		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Chloroform	0.45		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Chloromethane	0.43		10	ND	U	g	10	ND	U	g	10	ND	U	g
2-Chlorotoluene	0.67		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
4-Chlorotoluene	0.16		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Dibromochloromethane	0.29		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dibromo-3-Chloropropane	2.6		5.0	ND	U	g	5.0	ND	U	g	5.0	ND	U	g
1,2-Dibromoethane	0.51		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Dibromomethane	0.46		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dichlorobenzene	0.29		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,3-Dichlorobenzene	0.27		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,4-Dichlorobenzene	0.28		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Dichlorodifluoromethane	0.47		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1-Dichloroethane	0.40		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dichloroethane	0.35		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
1,1-Dichloroethene	0.32		1.0	ND	U	g	1.0	7.7		g	1.0	ND	U	g
c-1,2-Dichloroethene	0.56		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
t-1,2-Dichloroethene	0.60		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dichloropropane	0.40		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,3-Dichloropropane	0.35		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
2,2-Dichloropropane	0.39		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1-Dichloropropene	0.55		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
c-1,3-Dichloropropene	0.44		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
t-1,3-Dichloropropene	0.30		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
Ethylbenzene	0.19		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
2-Hexanone	2.5		10	ND	U	g	10	ND	U	g	10	ND	U	g

Lockheed Martin, Beaumont						Table 2								
Site: 1						Analytical Data Summary								
Extraction Method: SW5030B						EPA Method SW8260B								
Analytical Method: SW8260B														
Matrix: Water			Environmental Samples											
Units: ug/L														
		Field ID:		MW-136-072403				MW-17-072403				MW-36-072403		
		SDG:		03-07-1364				03-07-1364				03-07-1364		
		Batch ID:		030729L01				030729L02				030729L01		
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
Isopropylbenzene	0.17		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
p-Isopropyltoluene	0.17		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Methylene Chloride	1.7		10	ND	U	g	10	ND	U	g	10	ND	U	g
4-Methyl-2-Pentanone	2.6		10	ND	U	g	10	ND	U	g	10	ND	U	g
Naphthalene	0.56		10	ND	U	g	10	ND	U	g	10	ND	U	g
n-Propylbenzene	0.24		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Styrene	0.14		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1,1,2-Tetrachloroethane	0.45		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1,2,2-Tetrachloroethane	0.19		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Tetrachloroethene	0.20		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Toluene	0.35		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2,3-Trichlorobenzene	0.40		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2,4-Trichlorobenzene	0.28		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1,1-Trichloroethane	0.46		1.0	ND	U	g	1.0	1.8		g	1.0	ND	U	g
1,1,2-Trichloroethane	0.42		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Trichloroethene	0.48		1.0	ND	U	g	1.0	7.3		g	1.0	ND	U	g
Trichlorofluoromethane	0.27		10	ND	U	g	10	ND	U	g	10	ND	U	g
1,2,3-Trichloropropane	2.0		5.0	ND	U	g	5.0	ND	U	g	5.0	ND	U	g
1,2,4-Trimethylbenzene	0.22		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,3,5-Trimethylbenzene	0.11		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Vinyl Acetate	3.6		10	ND	U	g	10	ND	U	g	10	ND	U	g
Vinyl Chloride	0.35		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
p/m-Xylene	0.17		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
o-Xylene	0.16		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Methyl-t-Butyl Ether (MTBE)	0.28		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g

Lockheed Martin, Beaumont						Table 2								
Site: 1						Analytical Data Summary								
Extraction Method: SW5030B						EPA Method SW8260B (Continued)								
Analytical Method: SW8260B														
Matrix: Water			Environmental Samples											
Units: ug/L														
		Field ID:		MW-56A-072403				MW-58A-072403				OW-01-072403		
		SDG:		03-07-1364				03-07-1364				03-07-1364		
		Batch ID:		030729L01				030729L01				030729L01		
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
Acetone	3.6		10	ND	U	g	10	ND	U	g	10	ND	U	g
Benzene	0.29		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
Bromobenzene	0.26		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromochloromethane	0.37		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromodichloromethane	0.33		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromoform	0.87		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromomethane	0.90		10	ND	U	g	10	ND	U	g	10	ND	U	g
2-Butanone	1.7		10	ND	U	g	10	ND	U	g	10	ND	U	g
n-Butylbenzene	0.34		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
sec-Butylbenzene	0.11		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
tert-Butylbenzene	0.23		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Carbon Disulfide	0.28		10	ND	U	g	10	ND	U	g	10	ND	U	g
Carbon Tetrachloride	0.40		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
Chlorobenzene	0.19		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Chloroethane	0.46		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Chloroform	0.45		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Chloromethane	0.43		10	ND	U	g	10	ND	U	g	10	ND	U	g
2-Chlorotoluene	0.67		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
4-Chlorotoluene	0.16		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Dibromochloromethane	0.29		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dibromo-3-Chloropropane	2.6		5.0	ND	U	g	5.0	ND	U	g	5.0	ND	U	g
1,2-Dibromoethane	0.51		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Dibromomethane	0.46		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dichlorobenzene	0.29		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,3-Dichlorobenzene	0.27		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,4-Dichlorobenzene	0.28		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Dichlorodifluoromethane	0.47		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1-Dichloroethane	0.40		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dichloroethane	0.35		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
1,1-Dichloroethene	0.32		1.0	ND	U	g	1	35		g	1.0	ND	U	g
c-1,2-Dichloroethene	0.56		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
t-1,2-Dichloroethene	0.60		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dichloropropane	0.40		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,3-Dichloropropane	0.35		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
2,2-Dichloropropane	0.39		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1-Dichloropropene	0.55		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
c-1,3-Dichloropropene	0.44		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
t-1,3-Dichloropropene	0.30		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
Ethylbenzene	0.19		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
2-Hexanone	2.5		10	ND	U	g	10	ND	U	g	10	ND	U	g

Lockheed Martin, Beaumont				Table 2											
Site: 1				Analytical Data Summary											
Extraction Method: SW5030B				EPA Method SW8260B											
Analytical Method: SW8260B															
Matrix: Water			Environmental Samples												
Units: ug/L															
		Field ID:		MW-56A-072403				MW-58A-072403				OW-01-072403			
		SDG:		03-07-1364				03-07-1364				03-07-1364			
		Batch ID:		030729L01				030729L01				030729L01			
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	
Isopropylbenzene	0.17		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
p-Isopropyltoluene	0.17		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Methylene Chloride	1.7		10	ND	U	g	10	ND	U	g	10	ND	U	g	
4-Methyl-2-Pentanone	2.6		10	ND	U	g	10	ND	U	g	10	ND	U	g	
Naphthalene	0.56		10	ND	U	g	10	ND	U	g	10	ND	U	g	
n-Propylbenzene	0.24		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Styrene	0.14		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,1,1,2-Tetrachloroethane	0.45		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,1,2,2-Tetrachloroethane	0.19		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Tetrachloroethene	0.20		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Toluene	0.35		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,2,3-Trichlorobenzene	0.40		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,2,4-Trichlorobenzene	0.28		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,1,1-Trichloroethane	0.46		1.0	ND	U	g	1.0	1.0		g	1.0	ND	U	g	
1,1,2-Trichloroethane	0.42		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Trichloroethene	0.48		1.0	ND	U	g	1	33		g	1.0	ND	U	g	
Trichlorofluoromethane	0.27		10	ND	U	g	10	ND	U	g	10	ND	U	g	
1,2,3-Trichloropropane	2.0		5.0	ND	U	g	5.0	ND	U	g	5.0	ND	U	g	
1,2,4-Trimethylbenzene	0.22		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,3,5-Trimethylbenzene	0.11		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Vinyl Acetate	3.6		10	ND	U	g	10	ND	U	g	10	ND	U	g	
Vinyl Chloride	0.35		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g	
p/m-Xylene	0.17		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
o-Xylene	0.16		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Methyl-t-Butyl Ether (MTBE)	0.28		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	

Lockheed Martin, Beaumont						Table 2								
Site: 1						Analytical Data Summary								
Extraction Method: SW5030B						EPA Method SW8260B (Continued)								
Analytical Method: SW8260B														
Matrix: Water			Environmental Samples											
Units: ug/L														
		Field ID:		IW-04-072503				MW-06-072503				MW-106-072503		
		SDG:		03-07-1402				03-07-1402				03-07-1402		
		Batch ID:		030729L01				030729L01				030729L01		
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
Acetone	3.6		10	ND	U	g	10	ND	U	g	10	ND	U	g
Benzene	0.29		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
Bromobenzene	0.26		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromochloromethane	0.37		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromodichloromethane	0.33		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromoform	0.87		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromomethane	0.90		10	ND	U	g	10	ND	U	g	10	ND	U	g
2-Butanone	1.7		10	ND	U	g	10	ND	U	g	10	ND	U	g
n-Butylbenzene	0.34		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
sec-Butylbenzene	0.11		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
tert-Butylbenzene	0.23		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Carbon Disulfide	0.28		10	ND	U	g	10	ND	U	g	10	ND	U	g
Carbon Tetrachloride	0.40		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
Chlorobenzene	0.19		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Chloroethane	0.46		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Chloroform	0.45		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Chloromethane	0.43		10	ND	U	g	10	ND	U	g	10	ND	U	g
2-Chlorotoluene	0.67		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
4-Chlorotoluene	0.16		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Dibromochloromethane	0.29		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dibromo-3-Chloropropane	2.6		5.0	ND	U	g	5.0	ND	U	g	5.0	ND	U	g
1,2-Dibromoethane	0.51		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Dibromomethane	0.46		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dichlorobenzene	0.29		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,3-Dichlorobenzene	0.27		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,4-Dichlorobenzene	0.28		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Dichlorodifluoromethane	0.47		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1-Dichloroethane	0.40		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dichloroethane	0.35		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
1,1-Dichloroethene	0.32		1.0	ND	U	g	1.0	8.7		g	1.0	8.9		g
c-1,2-Dichloroethene	0.56		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
t-1,2-Dichloroethene	0.60		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dichloropropane	0.40		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,3-Dichloropropane	0.35		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
2,2-Dichloropropane	0.39		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1-Dichloropropene	0.55		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
c-1,3-Dichloropropene	0.44		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
t-1,3-Dichloropropene	0.30		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
Ethylbenzene	0.19		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
2-Hexanone	2.5		10	ND	U	g	10	ND	U	g	10	ND	U	g

Lockheed Martin, Beaumont				Table 2											
Site: 1				Analytical Data Summary											
Extraction Method: SW5030B				EPA Method SW8260B											
Analytical Method: SW8260B															
Matrix: Water			Environmental Samples												
Units: ug/L															
		Field ID:		IW-04-072503				MW-06-072503				MW-106-072503			
		SDG:		03-07-1402				03-07-1402				03-07-1402			
		Batch ID:		030729L01				030729L01				030729L01			
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	
Isopropylbenzene	0.17		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
p-Isopropyltoluene	0.17		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Methylene Chloride	1.7		10	ND	U	g	10	ND	U	g	10	ND	U	g	
4-Methyl-2-Pentanone	2.6		10	ND	U	g	10	ND	U	g	10	ND	U	g	
Naphthalene	0.56		10	ND	U	g	10	ND	U	g	10	ND	U	g	
n-Propylbenzene	0.24		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Styrene	0.14		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,1,1,2-Tetrachloroethane	0.45		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,1,2,2-Tetrachloroethane	0.19		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Tetrachloroethene	0.20		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Toluene	0.35		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,2,3-Trichlorobenzene	0.40		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,2,4-Trichlorobenzene	0.28		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,1,1-Trichloroethane	0.46		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,1,2-Trichloroethane	0.42		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Trichloroethene	0.48		1.0	1.4		g	1.0	8.2		g	1.0	8.7		g	
Trichlorofluoromethane	0.27		10	ND	U	g	10	ND	U	g	10	ND	U	g	
1,2,3-Trichloropropane	2.0		5.0	ND	U	g	5.0	ND	U	g	5.0	ND	U	g	
1,2,4-Trimethylbenzene	0.22		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,3,5-Trimethylbenzene	0.11		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Vinyl Acetate	3.6		10	ND	U	g	10	ND	U	g	10	ND	U	g	
Vinyl Chloride	0.35		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g	
p/m-Xylene	0.17		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
o-Xylene	0.16		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Methyl-t-Butyl Ether (MTBE)	0.28		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	

Lockheed Martin, Beaumont						Table 2								
Site: 1						Analytical Data Summary								
Extraction Method: SW5030B						EPA Method SW8260B (Continued)								
Analytical Method: SW8260B														
Matrix: Water			Environmental Samples											
Units: ug/L														
		Field ID:		MW-19-072503				MW-40-072503				MW-49-072503		
		SDG:		03-07-1402				03-07-1402				03-07-1402		
		Batch ID:		030729L01				030729L01				030729L01		
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
Acetone	3.6		10	ND	U	g	10	ND	U	g	10	ND	U	g
Benzene	0.29		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
Bromobenzene	0.26		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromochloromethane	0.37		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromodichloromethane	0.33		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromoform	0.87		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromomethane	0.90		10	ND	U	g	10	ND	U	g	10	ND	U	g
2-Butanone	1.7		10	ND	U	g	10	ND	U	g	10	ND	U	g
n-Butylbenzene	0.34		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
sec-Butylbenzene	0.11		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
tert-Butylbenzene	0.23		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Carbon Disulfide	0.28		10	ND	U	g	10	ND	U	g	10	ND	U	g
Carbon Tetrachloride	0.40		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
Chlorobenzene	0.19		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Chloroethane	0.46		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Chloroform	0.45		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Chloromethane	0.43		10	ND	U	g	10	ND	U	g	10	ND	U	g
2-Chlorotoluene	0.67		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
4-Chlorotoluene	0.16		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Dibromochloromethane	0.29		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dibromo-3-Chloropropane	2.6		5.0	ND	U	g	5.0	ND	U	g	5.0	ND	U	g
1,2-Dibromoethane	0.51		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Dibromomethane	0.46		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dichlorobenzene	0.29		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,3-Dichlorobenzene	0.27		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,4-Dichlorobenzene	0.28		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Dichlorodifluoromethane	0.47		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1-Dichloroethane	0.40		1.0	2.6		g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dichloroethane	0.35		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
1,1-Dichloroethene	0.32		1	23		g	1	20		g	1	16		g
c-1,2-Dichloroethene	0.56		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
t-1,2-Dichloroethene	0.60		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dichloropropane	0.40		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,3-Dichloropropane	0.35		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
2,2-Dichloropropane	0.39		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1-Dichloropropene	0.55		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
c-1,3-Dichloropropene	0.44		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
t-1,3-Dichloropropene	0.30		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
Ethylbenzene	0.19		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
2-Hexanone	2.5		10	ND	U	g	10	ND	U	g	10	ND	U	g

Lockheed Martin, Beaumont				Table 2										
Site: 1				Analytical Data Summary										
Extraction Method: SW5030B				EPA Method SW8260B										
Analytical Method: SW8260B														
Matrix: Water			Environmental Samples											
Units: ug/L														
		Field ID:		MW-19-072503				MW-40-072503				MW-49-072503		
		SDG:		03-07-1402				03-07-1402				03-07-1402		
		Batch ID:		030729L01				030729L01				030729L01		
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
Isopropylbenzene	0.17		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
p-Isopropyltoluene	0.17		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Methylene Chloride	1.7		10	ND	U	g	10	ND	U	g	10	ND	U	g
4-Methyl-2-Pentanone	2.6		10	ND	U	g	10	ND	U	g	10	ND	U	g
Naphthalene	0.56		10	ND	U	g	10	ND	U	g	10	ND	U	g
n-Propylbenzene	0.24		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Styrene	0.14		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1,1,2-Tetrachloroethane	0.45		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1,2,2-Tetrachloroethane	0.19		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Tetrachloroethene	0.20		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Toluene	0.35		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2,3-Trichlorobenzene	0.40		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2,4-Trichlorobenzene	0.28		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1,1-Trichloroethane	0.46		1.0	ND	U	g	1.0	ND	U	g	1.0	1.5		g
1,1,2-Trichloroethane	0.42		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Trichloroethene	0.48		1.0	9.4		g	1	25		g	1	20		g
Trichlorofluoromethane	0.27		10	ND	U	g	10	ND	U	g	10	ND	U	g
1,2,3-Trichloropropane	2.0		5.0	ND	U	g	5.0	ND	U	g	5.0	ND	U	g
1,2,4-Trimethylbenzene	0.22		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,3,5-Trimethylbenzene	0.11		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Vinyl Acetate	3.6		10	ND	U	g	10	ND	U	g	10	ND	U	g
Vinyl Chloride	0.35		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
p/m-Xylene	0.17		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
o-Xylene	0.16		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Methyl-t-Butyl Ether (MTBE)	0.28		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g

Lockheed Martin, Beaumont						Table 2								
Site: 1						Analytical Data Summary								
Extraction Method: SW5030B						EPA Method SW8260B (Continued)								
Analytical Method: SW8260B														
Matrix: Water			Environmental Samples											
Units: ug/L														
		Field ID:		MW-13-072803				MW-58C-072803				MW-59C-072803		
		SDG:		03-07-1463				03-07-1463				03-07-1463		
		Batch ID:		030730L01				030729L02				030729L02		
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
Acetone	3.6		10	ND	U	g	10	ND	U	g	10	ND	U	g
Benzene	0.29		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
Bromobenzene	0.26		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromochloromethane	0.37		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromodichloromethane	0.33		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromoform	0.87		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromomethane	0.90		10	ND	U	g	10	ND	U	g	10	ND	U	g
2-Butanone	1.7		10	ND	U	g	10	ND	U	g	10	ND	U	g
n-Butylbenzene	0.34		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
sec-Butylbenzene	0.11		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
tert-Butylbenzene	0.23		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Carbon Disulfide	0.28		10	ND	U	g	10	ND	U	g	10	ND	U	g
Carbon Tetrachloride	0.40		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
Chlorobenzene	0.19		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Chloroethane	0.46		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Chloroform	0.45		1.0	ND	U	g	1.0	ND	U	g	1.0	1.0		g
Chloromethane	0.43		10	ND	U	g	10	ND	U	g	10	ND	U	g
2-Chlorotoluene	0.67		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
4-Chlorotoluene	0.16		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Dibromochloromethane	0.29		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dibromo-3-Chloropropane	2.6		5.0	ND	U	g	5.0	ND	U	g	5.0	ND	U	g
1,2-Dibromoethane	0.51		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Dibromomethane	0.46		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dichlorobenzene	0.29		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,3-Dichlorobenzene	0.27		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,4-Dichlorobenzene	0.28		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Dichlorodifluoromethane	0.47		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1-Dichloroethane	0.40		1.0	ND	U	g	1.0	ND	U	g	1.0	8.5		g
1,2-Dichloroethane	0.35		0.50	ND	U	g	0.50	ND	U	g	0.50	13		g
1,1-Dichloroethene	0.32		1.0	1.3		g	1	49		g	1	190		g
c-1,2-Dichloroethene	0.56		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
t-1,2-Dichloroethene	0.60		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dichloropropane	0.40		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,3-Dichloropropane	0.35		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
2,2-Dichloropropane	0.39		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1-Dichloropropene	0.55		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
c-1,3-Dichloropropene	0.44		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
t-1,3-Dichloropropene	0.30		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
Ethylbenzene	0.19		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
2-Hexanone	2.5		10	ND	U	g	10	ND	U	g	10	ND	U	g

Lockheed Martin, Beaumont						Table 2								
Site: 1						Analytical Data Summary								
Extraction Method: SW5030B						EPA Method SW8260B								
Analytical Method: SW8260B														
Matrix: Water			Environmental Samples											
Units: ug/L														
		Field ID:		MW-13-072803				MW-58C-072803				MW-59C-072803		
		SDG:		03-07-1463				03-07-1463				03-07-1463		
		Batch ID:		030730L01				030729L02				030729L02		
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
Isopropylbenzene	0.17		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
p-Isopropyltoluene	0.17		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Methylene Chloride	1.7		10	ND	U	g	10	ND	U	g	10	ND	U	g
4-Methyl-2-Pentanone	2.6		10	ND	U	g	10	ND	U	g	10	ND	U	g
Naphthalene	0.56		10	ND	U	g	10	ND	U	g	10	ND	U	g
n-Propylbenzene	0.24		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Styrene	0.14		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1,1,2-Tetrachloroethane	0.45		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1,2,2-Tetrachloroethane	0.19		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Tetrachloroethene	0.20		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Toluene	0.35		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2,3-Trichlorobenzene	0.40		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2,4-Trichlorobenzene	0.28		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1,1-Trichloroethane	0.46		1.0	ND	U	g	1.0	1.3		g	1.0	ND	U	g
1,1,2-Trichloroethane	0.42		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Trichloroethene	0.48		1.0	2.5	B	k	1	39		g	1	140		g
Trichlorofluoromethane	0.27		10	ND	U	g	10	ND	U	g	10	ND	U	g
1,2,3-Trichloropropane	2.0		5.0	ND	U	g	5.0	ND	U	g	5.0	ND	U	g
1,2,4-Trimethylbenzene	0.22		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,3,5-Trimethylbenzene	0.11		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Vinyl Acetate	3.6		10	ND	U	g	10	ND	U	g	10	ND	U	g
Vinyl Chloride	0.35		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
p/m-Xylene	0.17		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
o-Xylene	0.16		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Methyl-t-Butyl Ether (MTBE)	0.28		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g

Lockheed Martin, Beaumont				Table 2										
Site: 1				Analytical Data Summary										
Extraction Method: SW5030B				EPA Method SW8260B (Continued)										
Analytical Method: SW8260B														
Matrix: Water			Environmental Samples											
Units: ug/L														
		Field ID:		MW-62A-072803										
		SDG:		03-07-1463										
		Batch ID:		030729L02										
Parameters	RDL		PQL	Result	Validity	Comments								
Acetone	3.6		10	ND	U	g								
Benzene	0.29		0.50	ND	U	g								
Bromobenzene	0.26		1.0	ND	U	g								
Bromochloromethane	0.37		1.0	ND	U	g								
Bromodichloromethane	0.33		1.0	ND	U	g								
Bromoform	0.87		1.0	ND	U	g								
Bromomethane	0.90		10	ND	U	g								
2-Butanone	1.7		10	ND	U	g								
n-Butylbenzene	0.34		1.0	ND	U	g								
sec-Butylbenzene	0.11		1.0	ND	U	g								
tert-Butylbenzene	0.23		1.0	ND	U	g								
Carbon Disulfide	0.28		10	ND	U	g								
Carbon Tetrachloride	0.40		0.50	ND	U	g								
Chlorobenzene	0.19		1.0	ND	U	g								
Chloroethane	0.46		1.0	ND	U	g								
Chloroform	0.45		1.0	1.4		g								
Chloromethane	0.43		10	ND	U	g								
2-Chlorotoluene	0.67		1.0	ND	U	g								
4-Chlorotoluene	0.16		1.0	ND	U	g								
Dibromochloromethane	0.29		1.0	ND	U	g								
1,2-Dibromo-3-Chloropropane	2.6		5.0	ND	U	g								
1,2-Dibromoethane	0.51		1.0	ND	U	g								
Dibromomethane	0.46		1.0	ND	U	g								
1,2-Dichlorobenzene	0.29		1.0	ND	U	g								
1,3-Dichlorobenzene	0.27		1.0	ND	U	g								
1,4-Dichlorobenzene	0.28		1.0	ND	U	g								
Dichlorodifluoromethane	0.47		1.0	ND	U	g								
1,1-Dichloroethane	0.40		1.0	1.2		g								
1,2-Dichloroethane	0.35		0.50	ND	U	g								
1,1-Dichloroethene	0.32		1	61		g								
c-1,2-Dichloroethene	0.56		1.0	ND	U	g								
t-1,2-Dichloroethene	0.60		1.0	ND	U	g								
1,2-Dichloropropane	0.40		1.0	ND	U	g								
1,3-Dichloropropane	0.35		1.0	ND	U	g								
2,2-Dichloropropane	0.39		1.0	ND	U	g								
1,1-Dichloropropene	0.55		1.0	ND	U	g								
c-1,3-Dichloropropene	0.44		0.50	ND	U	g								
t-1,3-Dichloropropene	0.30		0.50	ND	U	g								
Ethylbenzene	0.19		1.0	ND	U	g								
2-Hexanone	2.5		10	ND	U	g								

Lockheed Martin, Beaumont				Table 2										
Site: 1				Analytical Data Summary										
Extraction Method: SW5030B				EPA Method SW8260B										
Analytical Method: SW8260B														
Matrix: Water			Environmental Samples											
Units: ug/L														
		Field ID:		MW-62A-072803										
		SDG:		03-07-1463										
		Batch ID:		030729L02										
Parameters	RDL		PQL	Result	Validity	Comments								
Isopropylbenzene	0.17		1.0	ND	U	g								
p-Isopropyltoluene	0.17		1.0	ND	U	g								
Methylene Chloride	1.7		10	ND	U	g								
4-Methyl-2-Pentanone	2.6		10	ND	U	g								
Naphthalene	0.56		10	ND	U	g								
n-Propylbenzene	0.24		1.0	ND	U	g								
Styrene	0.14		1.0	ND	U	g								
1,1,1,2-Tetrachloroethane	0.45		1.0	ND	U	g								
1,1,2,2-Tetrachloroethane	0.19		1.0	ND	U	g								
Tetrachloroethene	0.20		1.0	ND	U	g								
Toluene	0.35		1.0	ND	U	g								
1,2,3-Trichlorobenzene	0.40		1.0	ND	U	g								
1,2,4-Trichlorobenzene	0.28		1.0	ND	U	g								
1,1,1-Trichloroethane	0.46		1.0	1.6		g								
1,1,2-Trichloroethane	0.42		1.0	ND	U	g								
Trichloroethene	0.48		1	61		g								
Trichlorofluoromethane	0.27		10	ND	U	g								
1,2,3-Trichloropropane	2.0		5.0	ND	U	g								
1,2,4-Trimethylbenzene	0.22		1.0	ND	U	g								
1,3,5-Trimethylbenzene	0.11		1.0	ND	U	g								
Vinyl Acetate	3.6		10	ND	U	g								
Vinyl Chloride	0.35		0.50	ND	U	g								
p/m-Xylene	0.17		1.0	ND	U	g								
o-Xylene	0.16		1.0	ND	U	g								
Methyl-t-Butyl Ether (MTBE)	0.28		1.0	ND	U	g								

Lockheed Martin, Beaumont						Table 2								
Site: 1						Analytical Data Summary								
Extraction Method: SW5030B						EPA Method SW8260B (Continued)								
Analytical Method: SW8260B														
Matrix: Water			Environmental Samples											
Units: ug/L														
		Field ID:		MW-56B-072903				MW-56D-072903				MW-58B-072903		
		SDG:		03-07-1555				03-07-1555				03-07-1555		
		Batch ID:		030730L01				030730L01				030730L01		
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
Acetone	3.6		10	ND	U	g	10	ND	U	g	10	ND	U	g
Benzene	0.29		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
Bromobenzene	0.26		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromochloromethane	0.37		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromodichloromethane	0.33		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromoform	0.87		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromomethane	0.90		10	ND	U	g	10	ND	U	g	10	ND	U	g
2-Butanone	1.7		10	ND	U	g	10	ND	U	g	10	ND	U	g
n-Butylbenzene	0.34		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
sec-Butylbenzene	0.11		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
tert-Butylbenzene	0.23		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Carbon Disulfide	0.28		10	ND	U	g	10	ND	U	g	10	ND	U	g
Carbon Tetrachloride	0.40		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
Chlorobenzene	0.19		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Chloroethane	0.46		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Chloroform	0.45		1.0	ND	U	g	1.0	1.3		g	1.0	ND	U	g
Chloromethane	0.43		10	ND	U	g	10	ND	U	g	10	ND	U	g
2-Chlorotoluene	0.67		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
4-Chlorotoluene	0.16		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Dibromochloromethane	0.29		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dibromo-3-Chloropropane	2.6		5.0	ND	U	g	5.0	ND	U	g	5.0	ND	U	g
1,2-Dibromoethane	0.51		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Dibromomethane	0.46		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dichlorobenzene	0.29		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,3-Dichlorobenzene	0.27		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,4-Dichlorobenzene	0.28		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Dichlorodifluoromethane	0.47		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1-Dichloroethane	0.40		1.0	1.3		g	1.0	1.8		g	1.0	ND	U	g
1,2-Dichloroethane	0.35		0.50	0.70		g	0.5	1.0		g	0.50	ND	U	g
1,1-Dichloroethene	0.32		1	50		g	1	71		g	1	16		g
c-1,2-Dichloroethene	0.56		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
t-1,2-Dichloroethene	0.60		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dichloropropane	0.40		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,3-Dichloropropane	0.35		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
2,2-Dichloropropane	0.39		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1-Dichloropropene	0.55		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
c-1,3-Dichloropropene	0.44		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
t-1,3-Dichloropropene	0.30		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
Ethylbenzene	0.19		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
2-Hexanone	2.5		10	ND	U	g	10	ND	U	g	10	ND	U	g

Lockheed Martin, Beaumont						Table 2								
Site: 1						Analytical Data Summary								
Extraction Method: SW5030B						EPA Method SW8260B								
Analytical Method: SW8260B														
Matrix: Water			Environmental Samples											
Units: ug/L														
		Field ID:		MW-56B-072903				MW-56D-072903				MW-58B-072903		
		SDG:		03-07-1555				03-07-1555				03-07-1555		
		Batch ID:		030730L01				030730L01				030730L01		
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
Isopropylbenzene	0.17		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
p-Isopropyltoluene	0.17		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Methylene Chloride	1.7		10	ND	U	g	10	ND	U	g	10	ND	U	g
4-Methyl-2-Pentanone	2.6		10	ND	U	g	10	ND	U	g	10	ND	U	g
Naphthalene	0.56		10	ND	U	g	10	ND	U	g	10	ND	U	g
n-Propylbenzene	0.24		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Styrene	0.14		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1,1,2-Tetrachloroethane	0.45		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1,2,2-Tetrachloroethane	0.19		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Tetrachloroethene	0.20		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Toluene	0.35		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2,3-Trichlorobenzene	0.40		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2,4-Trichlorobenzene	0.28		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1,1-Trichloroethane	0.46		1.0	ND	U	g	1.0	1.1		g	1.0	1.4		g
1,1,2-Trichloroethane	0.42		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Trichloroethene	0.48		1	43		g	1	61		g	1	25		g
Trichlorofluoromethane	0.27		10	ND	U	g	10	ND	U	g	10	ND	U	g
1,2,3-Trichloropropane	2.0		5.0	ND	U	g	5.0	ND	U	g	5.0	ND	U	g
1,2,4-Trimethylbenzene	0.22		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,3,5-Trimethylbenzene	0.11		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Vinyl Acetate	3.6		10	ND	U	g	10	ND	U	g	10	ND	U	g
Vinyl Chloride	0.35		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
p/m-Xylene	0.17		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
o-Xylene	0.16		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Methyl-t-Butyl Ether (MTBE)	0.28		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g

Lockheed Martin, Beaumont				Table 2											
Site: 1				Analytical Data Summary											
Extraction Method: SW5030B				EPA Method SW8260B (Continued)											
Analytical Method: SW8260B															
Matrix: Water			Environmental Samples												
Units: ug/L															
		Field ID:		MW-58D-072903				MW-59D-072903							
		SDG:		03-07-1555				03-07-1555							
		Batch ID:		030730L01				030730L01							
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments					
Acetone	3.6		10	ND	U	g	10	ND	U	g					
Benzene	0.29		0.50	ND	U	g	0.50	ND	U	g					
Bromobenzene	0.26		1.0	ND	U	g	1.0	ND	U	g					
Bromochloromethane	0.37		1.0	ND	U	g	1.0	ND	U	g					
Bromodichloromethane	0.33		1.0	ND	U	g	1.0	ND	U	g					
Bromoform	0.87		1.0	ND	U	g	1.0	ND	U	g					
Bromomethane	0.90		10	ND	U	g	10	ND	U	g					
2-Butanone	1.7		10	ND	U	g	10	ND	U	g					
n-Butylbenzene	0.34		1.0	ND	U	g	1.0	ND	U	g					
sec-Butylbenzene	0.11		1.0	ND	U	g	1.0	ND	U	g					
tert-Butylbenzene	0.23		1.0	ND	U	g	1.0	ND	U	g					
Carbon Disulfide	0.28		10	ND	U	g	10	ND	U	g					
Carbon Tetrachloride	0.40		0.50	ND	U	g	0.5	1.2		g					
Chlorobenzene	0.19		1.0	ND	U	g	1.0	ND	U	g					
Chloroethane	0.46		1.0	ND	U	g	1.0	ND	U	g					
Chloroform	0.45		1.0	ND	U	g	1.0	3.5		g					
Chloromethane	0.43		10	ND	U	g	10	ND	U	g					
2-Chlorotoluene	0.67		1.0	ND	U	g	1.0	ND	U	g					
4-Chlorotoluene	0.16		1.0	ND	U	g	1.0	ND	U	g					
Dibromochloromethane	0.29		1.0	ND	U	g	1.0	ND	U	g					
1,2-Dibromo-3-Chloropropane	2.6		5.0	ND	U	g	5.0	ND	U	g					
1,2-Dibromoethane	0.51		1.0	ND	U	g	1.0	ND	U	g					
Dibromomethane	0.46		1.0	ND	U	g	1.0	ND	U	g					
1,2-Dichlorobenzene	0.29		1.0	ND	U	g	1.0	ND	U	g					
1,3-Dichlorobenzene	0.27		1.0	ND	U	g	1.0	ND	U	g					
1,4-Dichlorobenzene	0.28		1.0	ND	U	g	1.0	ND	U	g					
Dichlorodifluoromethane	0.47		1.0	ND	U	g	1.0	ND	U	g					
1,1-Dichloroethane	0.40		1.0	1.9		g	1	16		g					
1,2-Dichloroethane	0.35		0.5	1.5		g	0.50	25		g					
1,1-Dichloroethene	0.32		1	70		g	5	370 *		g					
c-1,2-Dichloroethene	0.56		1.0	ND	U	g	1.0	2.2		g					
t-1,2-Dichloroethene	0.60		1.0	ND	U	g	1.0	ND	U	g					
1,2-Dichloropropane	0.40		1.0	ND	U	g	1.0	ND	U	g					
1,3-Dichloropropane	0.35		1.0	ND	U	g	1.0	ND	U	g					
2,2-Dichloropropane	0.39		1.0	ND	U	g	1.0	ND	U	g					
1,1-Dichloropropene	0.55		1.0	ND	U	g	1.0	ND	U	g					
c-1,3-Dichloropropene	0.44		0.50	ND	U	g	0.50	ND	U	g					
t-1,3-Dichloropropene	0.30		0.50	ND	U	g	0.50	ND	U	g					
Ethylbenzene	0.19		1.0	ND	U	g	1.0	ND	U	g					
2-Hexanone	2.5		10	ND	U	g	10	ND	U	g					
* Sample diluted at a factor of 5.0															

Lockheed Martin, Beaumont				Table 2											
Site: 1				Analytical Data Summary											
Extraction Method: SW5030B				EPA Method SW8260B											
Analytical Method: SW8260B															
Matrix: Water			Environmental Samples												
Units: ug/L															
		Field ID:		MW-58D-072903				MW-59D-072903							
		SDG:		03-07-1555				03-07-1555							
		Batch ID:		030730L01				030730L01							
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments					
Isopropylbenzene	0.17		1.0	ND	U	g	1.0	ND	U	g					
p-Isopropyltoluene	0.17		1.0	ND	U	g	1.0	ND	U	g					
Methylene Chloride	1.7		10	ND	U	g	10	ND	U	g					
4-Methyl-2-Pentanone	2.6		10	ND	U	g	10	ND	U	g					
Naphthalene	0.56		10	ND	U	g	10	ND	U	g					
n-Propylbenzene	0.24		1.0	ND	U	g	1.0	ND	U	g					
Styrene	0.14		1.0	ND	U	g	1.0	ND	U	g					
1,1,1,2-Tetrachloroethane	0.45		1.0	ND	U	g	1.0	ND	U	g					
1,1,2,2-Tetrachloroethane	0.19		1.0	ND	U	g	1.0	ND	U	g					
Tetrachloroethene	0.20		1.0	ND	U	g	1.0	1.3		g					
Toluene	0.35		1.0	ND	U	g	1.0	ND	U	g					
1,2,3-Trichlorobenzene	0.40		1.0	ND	U	g	1.0	ND	U	g					
1,2,4-Trichlorobenzene	0.28		1.0	ND	U	g	1.0	ND	U	g					
1,1,1-Trichloroethane	0.46		1.0	1.7		g	1.0	3.4		g					
1,1,2-Trichloroethane	0.42		1.0	ND	U	g	1.0	1.8		g					
Trichloroethene	0.48		1	70		g	5	330 *		g					
Trichlorofluoromethane	0.27		10	ND	U	g	10	ND	U	g					
1,2,3-Trichloropropane	2.0		5.0	ND	U	g	5.0	ND	U	g					
1,2,4-Trimethylbenzene	0.22		1.0	ND	U	g	1.0	ND	U	g					
1,3,5-Trimethylbenzene	0.11		1.0	ND	U	g	1.0	ND	U	g					
Vinyl Acetate	3.6		10	ND	U	g	10	ND	U	g					
Vinyl Chloride	0.35		0.50	ND	U	g	0.50	ND	U	g					
p/m-Xylene	0.17		1.0	ND	U	g	1.0	ND	U	g					
o-Xylene	0.16		1.0	ND	U	g	1.0	ND	U	g					
Methyl-t-Butyl Ether (MTBE)	0.28		1.0	ND	U	g	1.0	ND	U	g					

Lockheed Martin, Beaumont						Table 2								
Site: 1						Analytical Data Summary								
Extraction Method: SW5030B						EPA Method SW8260B (Continued)								
Analytical Method: SW8260B														
Matrix: Water			Environmental Samples											
Units: ug/L														
		Field ID:		MW-01-073003				MW-05-073003				MW-105-073003		
		SDG:		03-07-1630				03-07-1630				03-07-1630		
		Batch ID:		030801L01				030731L02				030731L02		
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
				Dilution 2.0										
Acetone	3.6		20	ND	U	g	10	ND	U	g	10	ND	U	g
Benzene	0.29		1.0	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
Bromobenzene	0.26		2.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromochloromethane	0.37		2.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromodichloromethane	0.33		2.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromoform	0.87		2.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromomethane	0.90		20	ND	U	g	10	ND	U	g	10	ND	U	g
2-Butanone	1.7		20	ND	U	g	10	ND	U	g	10	ND	U	g
n-Butylbenzene	0.34		2.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
sec-Butylbenzene	0.11		2.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
tert-Butylbenzene	0.23		2.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Carbon Disulfide	0.28		20	ND	U	g	10	ND	U	g	10	ND	U	g
Carbon Tetrachloride	0.40		1.0	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
Chlorobenzene	0.19		2.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Chloroethane	0.46		2.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Chloroform	0.45		2.0	ND	U	g	1.0	4.2		g	1.0	4.3		g
Chloromethane	0.43		20	ND	U	g	10	ND	U	g	10	ND	U	g
2-Chlorotoluene	0.67		2.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
4-Chlorotoluene	0.16		2.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Dibromochloromethane	0.29		2.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dibromo-3-Chloropropane	2.6		10	ND	U	g	5.0	ND	U	g	5.0	ND	U	g
1,2-Dibromoethane	0.51		2.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Dibromomethane	0.46		2.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dichlorobenzene	0.29		2.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,3-Dichlorobenzene	0.27		2.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,4-Dichlorobenzene	0.28		2.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Dichlorodifluoromethane	0.47		2.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1-Dichloroethane	0.40		2	11		g	1.0	4.2		g	1.0	4.1		g
1,2-Dichloroethane	0.35		1.0	9.7		g	0.50	0.58		g	0.5	3.6		g
1,1-Dichloroethene	0.32		2	200		g	1	120		g	1	120		g
c-1,2-Dichloroethene	0.56		2.0	ND	U	g	1.0	ND	U	g	1	23		g
t-1,2-Dichloroethene	0.60		2.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dichloropropane	0.40		2.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,3-Dichloropropane	0.35		2.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
2,2-Dichloropropane	0.39		2.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1-Dichloropropene	0.55		2.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
c-1,3-Dichloropropene	0.44		1.0	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
t-1,3-Dichloropropene	0.30		1.0	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
Ethylbenzene	0.19		2.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
2-Hexanone	2.5		20	ND	U	g	10	ND	U	g	10	ND	U	g

Lockheed Martin, Beaumont				Table 2										
Site: 1				Analytical Data Summary										
Extraction Method: SW5030B				EPA Method SW8260B										
Analytical Method: SW8260B														
Matrix: Water			Environmental Samples											
Units: ug/L														
		Field ID:		MW-01-073003				MW-05-073003				MW-105-073003		
		SDG:		03-07-1630				03-07-1630				03-07-1630		
		Batch ID:		030801L01				030731L02				030731L02		
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
				Dilution 2.0										
Isopropylbenzene	0.17		2.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
p-Isopropyltoluene	0.17		2.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Methylene Chloride	1.7		20	ND	U	g	10	ND	U	g	10	ND	U	g
4-Methyl-2-Pentanone	2.6		20	ND	U	g	10	ND	U	g	10	ND	U	g
Naphthalene	0.56		20	ND	U	g	10	ND	U	g	10	ND	U	g
n-Propylbenzene	0.24		2.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Styrene	0.14		2.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1,1,2-Tetrachloroethane	0.45		2.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1,2,2-Tetrachloroethane	0.19		2.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Tetrachloroethene	0.20		2.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Toluene	0.35		2.0	ND	U	g	1.0	ND	U	g	1.0	2.5		g
1,2,3-Trichlorobenzene	0.40		2.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2,4-Trichlorobenzene	0.28		2.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1,1-Trichloroethane	0.46		2	11		g	1.0	2.1		g	1.0	2.1		g
1,1,2-Trichloroethane	0.42		2.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Trichloroethene	0.48		2	300		g	1	86		g	1	130		g
Trichlorofluoromethane	0.27		20	ND	U	g	10	ND	U	g	10	ND	U	g
1,2,3-Trichloropropane	2.0		10	ND	U	g	5.0	ND	U	g	5.0	ND	U	g
1,2,4-Trimethylbenzene	0.22		2.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,3,5-Trimethylbenzene	0.11		2.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Vinyl Acetate	3.6		20	ND	U	g	10	ND	U	g	10	ND	U	g
Vinyl Chloride	0.35		1.0	ND	U	g	0.50	ND	U	g	0.5	1.5		g
p/m-Xylene	0.17		2.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
o-Xylene	0.16		2.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Methyl-t-Butyl Ether (MTBE)	0.28		2.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g

Lockheed Martin, Beaumont						Table 2								
Site: 1						Analytical Data Summary								
Extraction Method: SW5030B						EPA Method SW8260B (Continued)								
Analytical Method: SW8260B														
Matrix: Water			Environmental Samples											
Units: ug/L														
		Field ID:		MW-42-073003				MW-56C-073003				MW-66-073003		
		SDG:		03-07-1630				03-07-1630				03-07-1630		
		Batch ID:		030731L02				030731L02				030731L02		
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
Acetone	3.6		10	ND	U	g	10	ND	U	g	10	ND	U	g
Benzene	0.29		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
Bromobenzene	0.26		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromochloromethane	0.37		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromodichloromethane	0.33		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromoform	0.87		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromomethane	0.90		10	ND	U	g	10	ND	U	g	10	ND	U	g
2-Butanone	1.7		10	ND	U	g	10	ND	U	g	10	ND	U	g
n-Butylbenzene	0.34		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
sec-Butylbenzene	0.11		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
tert-Butylbenzene	0.23		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Carbon Disulfide	0.28		10	ND	U	g	10	ND	U	g	10	ND	U	g
Carbon Tetrachloride	0.40		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
Chlorobenzene	0.19		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Chloroethane	0.46		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Chloroform	0.45		1.0	ND	U	g	1.0	1.3		g	1.0	3.6		g
Chloromethane	0.43		10	ND	U	g	10	ND	U	g	10	ND	U	g
2-Chlorotoluene	0.67		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
4-Chlorotoluene	0.16		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Dibromochloromethane	0.29		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dibromo-3-Chloropropane	2.6		5.0	ND	U	g	5.0	ND	U	g	5.0	ND	U	g
1,2-Dibromoethane	0.51		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Dibromomethane	0.46		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dichlorobenzene	0.29		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,3-Dichlorobenzene	0.27		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,4-Dichlorobenzene	0.28		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Dichlorodifluoromethane	0.47		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1-Dichloroethane	0.40		1.0	7.0		g	1.0	2.5		g	1.0	5.4		g
1,2-Dichloroethane	0.35		0.50	0.89		g	0.5	1.4		g	0.5	1.0		g
1,1-Dichloroethene	0.32		1	93		g	1	99		g	1	160		g
c-1,2-Dichloroethene	0.56		1.0	1.4		g	1.0	ND	U	g	1.0	ND	U	g
t-1,2-Dichloroethene	0.60		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dichloropropane	0.40		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,3-Dichloropropane	0.35		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
2,2-Dichloropropane	0.39		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1-Dichloropropene	0.55		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
c-1,3-Dichloropropene	0.44		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
t-1,3-Dichloropropene	0.30		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
Ethylbenzene	0.19		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
2-Hexanone	2.5		10	ND	U	g	10	ND	U	g	10	ND	U	g

Lockheed Martin, Beaumont						Table 2								
Site: 1						Analytical Data Summary								
Extraction Method: SW5030B						EPA Method SW8260B								
Analytical Method: SW8260B														
Matrix: Water			Environmental Samples											
Units: ug/L														
		Field ID:		MW-42-073003				MW-56C-073003				MW-66-073003		
		SDG:		03-07-1630				03-07-1630				03-07-1630		
		Batch ID:		030731L02				030731L02				030731L02		
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
Isopropylbenzene	0.17		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
p-Isopropyltoluene	0.17		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Methylene Chloride	1.7		10	ND	U	g	10	ND	U	g	10	ND	U	g
4-Methyl-2-Pentanone	2.6		10	ND	U	g	10	ND	U	g	10	ND	U	g
Naphthalene	0.56		10	ND	U	g	10	ND	U	g	10	ND	U	g
n-Propylbenzene	0.24		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Styrene	0.14		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1,1,2-Tetrachloroethane	0.45		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1,2,2-Tetrachloroethane	0.19		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Tetrachloroethene	0.20		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Toluene	0.35		1	42		g	1.0	ND	U	g	1.0	ND	U	g
1,2,3-Trichlorobenzene	0.40		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2,4-Trichlorobenzene	0.28		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1,1-Trichloroethane	0.46		1.0	ND	U	g	1.0	2.3		g	1.0	1.2		g
1,1,2-Trichloroethane	0.42		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Trichloroethene	0.48		1	84		g	1	100		g	1	160		g
Trichlorofluoromethane	0.27		10	ND	U	g	10	ND	U	g	10	ND	U	g
1,2,3-Trichloropropane	2.0		5.0	ND	U	g	5.0	ND	U	g	5.0	ND	U	g
1,2,4-Trimethylbenzene	0.22		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,3,5-Trimethylbenzene	0.11		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Vinyl Acetate	3.6		10	ND	U	g	10	ND	U	g	10	ND	U	g
Vinyl Chloride	0.35		0.50	0.95		g	0.50	ND	U	g	0.50	ND	U	g
p/m-Xylene	0.17		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
o-Xylene	0.16		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Methyl-t-Butyl Ether (MTBE)	0.28		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g

Lockheed Martin, Beaumont						Table 2								
Site: 1						Analytical Data Summary								
Extraction Method: SW5030B						EPA Method SW8260B (Continued)								
Analytical Method: SW8260B														
Matrix: Water			Environmental Samples											
Units: ug/L														
		Field ID:		MW-03-073103				MW-135-073103				MW-16-073103		
		SDG:		03-08-0026				03-08-0026				03-08-0026		
		Batch ID:		030804L02				030804L02				030804L02		
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
Acetone	3.6		10	ND	U	g	10	ND	U	g	10	ND	U	g
Benzene	0.29		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
Bromobenzene	0.26		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromochloromethane	0.37		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromodichloromethane	0.33		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromoform	0.87		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Bromomethane	0.90		10	ND	U	g	10	ND	U	g	10	ND	U	g
2-Butanone	1.7		10	ND	U	g	10	ND	U	g	10	ND	U	g
n-Butylbenzene	0.34		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
sec-Butylbenzene	0.11		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
tert-Butylbenzene	0.23		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Carbon Disulfide	0.28		10	ND	U	g	10	ND	U	g	10	ND	U	g
Carbon Tetrachloride	0.40		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
Chlorobenzene	0.19		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Chloroethane	0.46		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Chloroform	0.45		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Chloromethane	0.43		10	ND	U	g	10	ND	U	g	10	ND	U	g
2-Chlorotoluene	0.67		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
4-Chlorotoluene	0.16		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Dibromochloromethane	0.29		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dibromo-3-Chloropropane	2.6		5.0	ND	U	g	5.0	ND	U	g	5.0	ND	U	g
1,2-Dibromoethane	0.51		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Dibromomethane	0.46		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dichlorobenzene	0.29		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,3-Dichlorobenzene	0.27		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,4-Dichlorobenzene	0.28		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
Dichlorodifluoromethane	0.47		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1-Dichloroethane	0.40		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dichloroethane	0.35		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
1,1-Dichloroethene	0.32		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
c-1,2-Dichloroethene	0.56		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
t-1,2-Dichloroethene	0.60		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,2-Dichloropropane	0.40		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,3-Dichloropropane	0.35		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
2,2-Dichloropropane	0.39		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
1,1-Dichloropropene	0.55		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
c-1,3-Dichloropropene	0.44		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
t-1,3-Dichloropropene	0.30		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g
Ethylbenzene	0.19		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g
2-Hexanone	2.5		10	ND	U	g	10	ND	U	g	10	ND	U	g

Lockheed Martin, Beaumont				Table 2											
Site: 1				Analytical Data Summary											
Extraction Method: SW5030B				EPA Method SW8260B											
Analytical Method: SW8260B															
Matrix: Water			Environmental Samples												
Units: ug/L															
		Field ID:		MW-03-073103				MW-135-073103				MW-16-073103			
		SDG:		03-08-0026				03-08-0026				03-08-0026			
		Batch ID:		030804L02				030804L02				030804L02			
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	
Isopropylbenzene	0.17		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
p-Isopropyltoluene	0.17		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Methylene Chloride	1.7		10	ND	U	g	10	ND	U	g	10	ND	U	g	
4-Methyl-2-Pentanone	2.6		10	ND	U	g	10	ND	U	g	10	ND	U	g	
Naphthalene	0.56		10	ND	U	g	10	ND	U	g	10	ND	U	g	
n-Propylbenzene	0.24		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Styrene	0.14		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,1,1,2-Tetrachloroethane	0.45		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,1,2,2-Tetrachloroethane	0.19		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Tetrachloroethene	0.20		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Toluene	0.35		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,2,3-Trichlorobenzene	0.40		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,2,4-Trichlorobenzene	0.28		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,1,1-Trichloroethane	0.46		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,1,2-Trichloroethane	0.42		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Trichloroethene	0.48		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Trichlorofluoromethane	0.27		10	ND	U	g	10	ND	U	g	10	ND	U	g	
1,2,3-Trichloropropane	2.0		5.0	ND	U	g	5.0	ND	U	g	5.0	ND	U	g	
1,2,4-Trimethylbenzene	0.22		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
1,3,5-Trimethylbenzene	0.11		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Vinyl Acetate	3.6		10	ND	U	g	10	ND	U	g	10	ND	U	g	
Vinyl Chloride	0.35		0.50	ND	U	g	0.50	ND	U	g	0.50	ND	U	g	
p/m-Xylene	0.17		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
o-Xylene	0.16		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	
Methyl-t-Butyl Ether (MTBE)	0.28		1.0	ND	U	g	1.0	ND	U	g	1.0	ND	U	g	

Lockheed Martin, Beaumont				Table 2											
Site: 1				Analytical Data Summary											
Extraction Method: SW5030B				EPA Method SW8260B (Continued)											
Analytical Method: SW8260B															
Matrix: Water			Environmental Samples												
Units: ug/L															
		Field ID:		MW-32-073103				MW-35-073103							
		SDG:		03-08-0026				03-08-0026							
		Batch ID:		030804L02				030804L02							
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments					
Acetone	3.6		10	ND	U	g	10	ND	U	g					
Benzene	0.29		0.50	ND	U	g	0.50	ND	U	g					
Bromobenzene	0.26		1.0	ND	U	g	1.0	ND	U	g					
Bromochloromethane	0.37		1.0	ND	U	g	1.0	ND	U	g					
Bromodichloromethane	0.33		1.0	ND	U	g	1.0	ND	U	g					
Bromoform	0.87		1.0	ND	U	g	1.0	ND	U	g					
Bromomethane	0.90		10	ND	U	g	10	ND	U	g					
2-Butanone	1.7		10	ND	U	g	10	ND	U	g					
n-Butylbenzene	0.34		1.0	ND	U	g	1.0	ND	U	g					
sec-Butylbenzene	0.11		1.0	ND	U	g	1.0	ND	U	g					
tert-Butylbenzene	0.23		1.0	ND	U	g	1.0	ND	U	g					
Carbon Disulfide	0.28		10	ND	U	g	10	ND	U	g					
Carbon Tetrachloride	0.40		0.50	ND	U	g	0.50	ND	U	g					
Chlorobenzene	0.19		1.0	ND	U	g	1.0	ND	U	g					
Chloroethane	0.46		1.0	ND	U	g	1.0	ND	U	g					
Chloroform	0.45		1.0	ND	U	g	1.0	ND	U	g					
Chloromethane	0.43		10	ND	U	g	10	ND	U	g					
2-Chlorotoluene	0.67		1.0	ND	U	g	1.0	ND	U	g					
4-Chlorotoluene	0.16		1.0	ND	U	g	1.0	ND	U	g					
Dibromochloromethane	0.29		1.0	ND	U	g	1.0	ND	U	g					
1,2-Dibromo-3-Chloropropane	2.6		5.0	ND	U	g	5.0	ND	U	g					
1,2-Dibromoethane	0.51		1.0	ND	U	g	1.0	ND	U	g					
Dibromomethane	0.46		1.0	ND	U	g	1.0	ND	U	g					
1,2-Dichlorobenzene	0.29		1.0	ND	U	g	1.0	ND	U	g					
1,3-Dichlorobenzene	0.27		1.0	ND	U	g	1.0	ND	U	g					
1,4-Dichlorobenzene	0.28		1.0	ND	U	g	1.0	ND	U	g					
Dichlorodifluoromethane	0.47		1.0	ND	U	g	1.0	ND	U	g					
1,1-Dichloroethane	0.40		1.0	ND	U	g	1.0	ND	U	g					
1,2-Dichloroethane	0.35		0.50	ND	U	g	0.50	ND	U	g					
1,1-Dichloroethene	0.32		1.0	ND	U	g	1.0	ND	U	g					
c-1,2-Dichloroethene	0.56		1.0	ND	U	g	1.0	ND	U	g					
t-1,2-Dichloroethene	0.60		1.0	ND	U	g	1.0	ND	U	g					
1,2-Dichloropropane	0.40		1.0	ND	U	g	1.0	ND	U	g					
1,3-Dichloropropane	0.35		1.0	ND	U	g	1.0	ND	U	g					
2,2-Dichloropropane	0.39		1.0	ND	U	g	1.0	ND	U	g					
1,1-Dichloropropene	0.55		1.0	ND	U	g	1.0	ND	U	g					
c-1,3-Dichloropropene	0.44		0.50	ND	U	g	0.50	ND	U	g					
t-1,3-Dichloropropene	0.30		0.50	ND	U	g	0.50	ND	U	g					
Ethylbenzene	0.19		1.0	ND	U	g	1.0	ND	U	g					
2-Hexanone	2.5		10	ND	U	g	10	ND	U	g					

Lockheed Martin, Beaumont				Table 2										
Site: 1				Analytical Data Summary										
Extraction Method: SW5030B				EPA Method SW8260B										
Analytical Method: SW8260B														
Matrix: Water			Environmental Samples											
Units: ug/L														
		Field ID:		MW-32-073103				MW-35-073103						
		SDG:		03-08-0026				03-08-0026						
		Batch ID:		030804L02				030804L02						
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments				
Isopropylbenzene	0.17		1.0	ND	U	g	1.0	ND	U	g				
p-Isopropyltoluene	0.17		1.0	ND	U	g	1.0	ND	U	g				
Methylene Chloride	1.7		10	ND	U	g	10	ND	U	g				
4-Methyl-2-Pentanone	2.6		10	ND	U	g	10	ND	U	g				
Naphthalene	0.56		10	ND	U	g	10	ND	U	g				
n-Propylbenzene	0.24		1.0	ND	U	g	1.0	ND	U	g				
Styrene	0.14		1.0	ND	U	g	1.0	ND	U	g				
1,1,1,2-Tetrachloroethane	0.45		1.0	ND	U	g	1.0	ND	U	g				
1,1,2,2-Tetrachloroethane	0.19		1.0	ND	U	g	1.0	ND	U	g				
Tetrachloroethene	0.20		1.0	ND	U	g	1.0	ND	U	g				
Toluene	0.35		1.0	ND	U	g	1.0	ND	U	g				
1,2,3-Trichlorobenzene	0.40		1.0	ND	U	g	1.0	ND	U	g				
1,2,4-Trichlorobenzene	0.28		1.0	ND	U	g	1.0	ND	U	g				
1,1,1-Trichloroethane	0.46		1.0	ND	U	g	1.0	ND	U	g				
1,1,2-Trichloroethane	0.42		1.0	ND	U	g	1.0	ND	U	g				
Trichloroethene	0.48		1.0	ND	U	g	1.0	ND	U	g				
Trichlorofluoromethane	0.27		10	ND	U	g	10	ND	U	g				
1,2,3-Trichloropropane	2.0		5.0	ND	U	g	5.0	ND	U	g				
1,2,4-Trimethylbenzene	0.22		1.0	ND	U	g	1.0	ND	U	g				
1,3,5-Trimethylbenzene	0.11		1.0	ND	U	g	1.0	ND	U	g				
Vinyl Acetate	3.6		10	ND	U	g	10	ND	U	g				
Vinyl Chloride	0.35		0.50	ND	U	g	0.50	ND	U	g				
p/m-Xylene	0.17		1.0	ND	U	g	1.0	ND	U	g				
o-Xylene	0.16		1.0	ND	U	g	1.0	ND	U	g				
Methyl-t-Butyl Ether (MTBE)	0.28		1.0	ND	U	g	1.0	ND	U	g				

Lockheed Martin, Beaumont							Table 3							
Site: 1							Analytical Data Summary							
Extraction Method: SW3520B							EPA Method E1624							
Analytical Method: E1624														
Matrix: Water														
Units: ug/L														
			Environmental Samples											
		Field ID:		MW-115-072103				MW-15-072103				MW-18-072103		
		SDG:		03-07-1059				03-07-1059				03-07-1059		
		Batch ID:		030722L08				030722L08				030722L08		
Parameters	RDL		PQL	Result (Unfiltered)	Validity	Comments	PQL	Result (Unfiltered)	Validity	Comments	PQL	Result (Unfiltered)	Validity	Comments
1,4-Dioxane	1.1		2.0	9.7		g	2.0	9.2		g	2	12		g

Lockheed Martin, Beaumont							Table 3							
Site: 1							Analytical Data Summary							
Extraction Method: SW3520B							EPA Method E1624							
Analytical Method: E1624														
Matrix: Water														
Units: ug/L														
			Environmental Samples											
		Field ID:		MW-67-072103				SW-04-072103				SW-05-072103		
		SDG:		03-07-1059				03-07-1059				03-07-1059		
		Batch ID:		030722L08				030722L08				030722L08		
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
				(Unfiltered)				(Unfiltered)				(Unfiltered)		
1,4-Dioxane	1.1		2.0	ND	U	g	2.0	ND	U	g	2.0	ND	U	g

Lockheed Martin, Beaumont							Table 3							
Site: 1							Analytical Data Summary							
Extraction Method: SW3520B							EPA Method E1624							
Analytical Method: E1624														
Matrix: Water														
Units: ug/L														
			Environmental Samples											
		Field ID:		SW-06-072103				SW-07-072103						
		SDG:		03-07-1059				03-07-1059						
		Batch ID:		030722L08				030722L08						
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments				
				(Unfiltered)				(Unfiltered)						
1,4-Dioxane	1.1		2.0	ND	U	g	2.0	2.9		g				

Lockheed Martin, Beaumont				Table 3											
Site: 1				Analytical Data Summary											
Extraction Method: SW3520B				EPA Method E1624											
Analytical Method: E1624															
Matrix: Water															
Units: ug/L															
			Environmental Samples												
		Field ID:		MW-08-072203				MW-09-072203				MW-145-072203			
		SDG:		03-07-1139				03-07-1139				03-07-1139			
		Batch ID:		030729L04				030729L04				030729L04			
Parameters	RDL		PQL	Result (Unfiltered)	Validity	Comments	PQL	Result (Unfiltered)	Validity	Comments	PQL	Result (Unfiltered)	Validity	Comments	
1,4-Dioxane	1.1		2.0	ND	U	g	2.0	3.9		g	2	16		g	

Lockheed Martin, Beaumont				Table 3											
Site: 1				Analytical Data Summary											
Extraction Method: SW3520B				EPA Method E1624											
Analytical Method: E1624															
Matrix: Water															
Units: ug/L															
			Environmental Samples												
		Field ID:		MW-43-072203				MW-45-072203				MW-47-072203			
		SDG:		03-07-1139				03-07-1139				03-07-1139			
		Batch ID:		030729L04				030729L04				030729L04			
Parameters	RDL		PQL	Result (Unfiltered)	Validity	Comments	PQL	Result (Unfiltered)	Validity	Comments	PQL	Result (Unfiltered)	Validity	Comments	
1,4-Dioxane	1.1		2	15		g	2	16		g	2.0	ND	U	g	

Lockheed Martin, Beaumont							Table 3								
Site: 1							Analytical Data Summary								
Extraction Method: SW3520B							EPA Method E1624								
Analytical Method: E1624															
Matrix: Water															
Units: ug/L															
			Environmental Samples												
		Field ID:		MW-48-072203				OW-02-072203				SW-01-072203			
		SDG:		03-07-1139				03-07-1139				03-07-1139			
		Batch ID:		030729L04				030729L04				030729L04			
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	
				(Unfiltered)				(Unfiltered)				(Unfiltered)			
1,4-Dioxane	1.1		2.0	ND	U	g	2	19		g	2	10		g	

Lockheed Martin, Beaumont				Table 3										
Site: 1				Analytical Data Summary										
Extraction Method: SW3520B				EPA Method E1624										
Analytical Method: E1624														
Matrix: Water														
Units: ug/L														
			Environmental Samples											
		Field ID:		SW-02-072203				SW-03-072203						
		SDG:		03-07-1139				03-07-1139						
		Batch ID:		030729L04				030729L04						
Parameters	RDL		PQL	Result (Unfiltered)	Validity	Comments	PQL	Result (Unfiltered)	Validity	Comments				
1,4-Dioxane	1.1		2	22	J	b	2.0	8.8		g				

Lockheed Martin, Beaumont							Table 3								
Site: 1							Analytical Data Summary								
Extraction Method: SW3520B							EPA Method E1624								
Analytical Method: E1624															
Matrix: Water															
Units: ug/L															
			Environmental Samples												
		Field ID:		MW-12-072303					MW-37-072303				OW-08-072303		
		SDG:		03-07-1241					03-07-1241				03-07-1241		
		Batch ID:		030730L06					030730L06				030730L06		
Parameters	RDL		PQL	Result	Validity	Comments	PQL		Result	Validity	Comments	PQL	Result	Validity	Comments
				(Unfiltered)					(Unfiltered)				(Unfiltered)		
1,4-Dioxane	1.1		2.0	ND	U	g	2.0		ND	U	g	2.0	ND	U	g

Lockheed Martin, Beaumont							Table 3							
Site: 1							Analytical Data Summary							
Extraction Method: SW3520B							EPA Method E1624							
Analytical Method: E1624														
Matrix: Water														
Units: ug/L														
			Environmental Samples											
		Field ID:		P-02-072303				P-04-072303						
		SDG:		03-07-1241				03-07-1241						
		Batch ID:		030730L06				030730L06						
Parameters	RDL		PQL	Result (Unfiltered)	Validity	Comments	PQL	Result (Unfiltered)	Validity	Comments				
1,4-Dioxane	1.1		2.0	ND	U	g	2.0	ND	U	g				

Lockheed Martin, Beaumont				Table 3											
Site: 1				Analytical Data Summary											
Extraction Method: SW3520B				EPA Method E1624											
Analytical Method: E1624															
Matrix: Water															
Units: ug/L															
			Environmental Samples												
		Field ID:		MW-136-072403				MW-17-072403				MW-36-072403			
		SDG:		03-07-1364				03-07-1364				03-07-1364			
		Batch ID:		030730L06				030730L06				030730L06			
Parameters	RDL		PQL	Result (Unfiltered)	Validity	Comments	PQL	Result (Unfiltered)	Validity	Comments	PQL	Result (Unfiltered)	Validity	Comments	
1,4-Dioxane	1.1		2.0	ND	U	g	2	48		g	2.0	ND	U	g	

Lockheed Martin, Beaumont				Table 3										
Site: 1				Analytical Data Summary										
Extraction Method: SW3520B				EPA Method E1624										
Analytical Method: E1624														
Matrix: Water														
Units: ug/L														
			Environmental Samples											
		Field ID:		MW-56A-072403				MW-58A-072403				OW-01-072403		
		SDG:		03-07-1364				03-07-1364				03-07-1364		
		Batch ID:		030730L06				030730L06				030730L06		
Parameters	RDL		PQL	Result (Unfiltered)	Validity	Comments	PQL	Result (Unfiltered)	Validity	Comments	PQL	Result (Unfiltered)	Validity	Comments
1,4-Dioxane	1.1		2.0	ND	U	g	2	21		g	2.0	ND	U	g

Lockheed Martin, Beaumont				Table 3										
Site: 1				Analytical Data Summary										
Extraction Method: SW3520B				EPA Method E1624										
Analytical Method: E1624														
Matrix: Water														
Units: ug/L														
			Environmental Samples											
		Field ID:		IW-04-072503				MW-06-072503				MW-106-072503		
		SDG:		03-07-1402				03-07-1402				03-07-1402		
		Batch ID:		030730L06				030730L06				030730L06		
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments
				(Unfiltered)				(Unfiltered)				(Unfiltered)		
1,4-Dioxane	1.1		2	31		g	2.0	ND	U	g	2.0	ND	U	g

Lockheed Martin, Beaumont				Table 3											
Site: 1				Analytical Data Summary											
Extraction Method: SW3520B				EPA Method E1624											
Analytical Method: E1624															
Matrix: Water															
Units: ug/L															
			Environmental Samples												
		Field ID:		MW-19-072503				MW-40-072503				MW-49-072503			
		SDG:		03-07-1402				03-07-1402				03-07-1402			
		Batch ID:		030730L06				030730L06				030730L06			
Parameters	RDL		PQL	Result (Unfiltered)	Validity	Comments	PQL	Result (Unfiltered)	Validity	Comments	PQL	Result (Unfiltered)	Validity	Comments	
1,4-Dioxane	1.1		2	72		g	2	24		g	2	24		g	

Lockheed Martin, Beaumont				Table 3											
Site: 1				Analytical Data Summary											
Extraction Method: SW3520B				EPA Method E1624											
Analytical Method: E1624															
Matrix: Water															
Units: ug/L															
			Environmental Samples												
		Field ID:		MW-13-072803				MW-58C-072803				MW-59C-072803			
		SDG:		03-07-1463				03-07-1463				03-07-1463			
		Batch ID:		030731L03				030731L03				030731L03			
Parameters	RDL		PQL	Result (Unfiltered)	Validity	Comments	PQL	Result (Unfiltered)	Validity	Comments	PQL	Result (Unfiltered)	Validity	Comments	
1,4-Dioxane	1.1		2.0	ND	U	g	2	27		g	2	22		g	

Lockheed Martin, Beaumont						Table 3								
Site: 1						Analytical Data Summary								
Extraction Method: SW3520B						EPA Method E1624								
Analytical Method: E1624														
Matrix: Water														
Units: ug/L														
			Environmental Samples											
		Field ID:		MW-62A-072803										
		SDG:		03-07-1463										
		Batch ID:		030731L03										
Parameters	RDL		PQL	Result	Validity	Comments								
				(Unfiltered)										
1,4-Dioxane	1.1		2	46		g								

Lockheed Martin, Beaumont				Table 3											
Site: 1				Analytical Data Summary											
Extraction Method: SW3520B				EPA Method E1624											
Analytical Method: E1624															
Matrix: Water															
Units: ug/L															
			Environmental Samples												
		Field ID:		MW-56B-072903				MW-56D-072903				MW-58B-072903			
		SDG:		03-07-1555				03-07-1555				03-07-1555			
		Batch ID:		030731L03				030731L03				030731L03			
Parameters	RDL		PQL	Result (Unfiltered)	Validity	Comments	PQL	Result (Unfiltered)	Validity	Comments	PQL	Result (Unfiltered)	Validity	Comments	
1,4-Dioxane	1.1		2.0	7.2		g	2	15		g	2	26		g	

Lockheed Martin, Beaumont				Table 3										
Site: 1				Analytical Data Summary										
Extraction Method: SW3520B				EPA Method E1624										
Analytical Method: E1624														
Matrix: Water														
Units: ug/L														
			Environmental Samples											
		Field ID:		MW-58D-072903				MW-59D-072903						
		SDG:		03-07-1555				03-07-1555						
		Batch ID:		030731L03				030731L03						
Parameters	RDL		PQL	Result (Unfiltered)	Validity	Comments	PQL	Result (Unfiltered)	Validity	Comments				
1,4-Dioxane	1.1		2	26		g	2	44		g				

Lockheed Martin, Beaumont				Table 3											
Site: 1				Analytical Data Summary											
Extraction Method: SW3520B				EPA Method E1624											
Analytical Method: E1624															
Matrix: Water															
Units: ug/L															
			Environmental Samples												
		Field ID:		MW-01-073003				MW-05-073003				MW-105-073003			
		SDG:		03-07-1630				03-07-1630				03-07-1630			
		Batch ID:		030801L02				030801L02				030801L02			
Parameters	RDL		PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	PQL	Result	Validity	Comments	
				(Unfiltered)				(Unfiltered)				(Unfiltered)			
1,4-Dioxane	1.1		2.0	3.1		g	2	28		g	2	28		g	

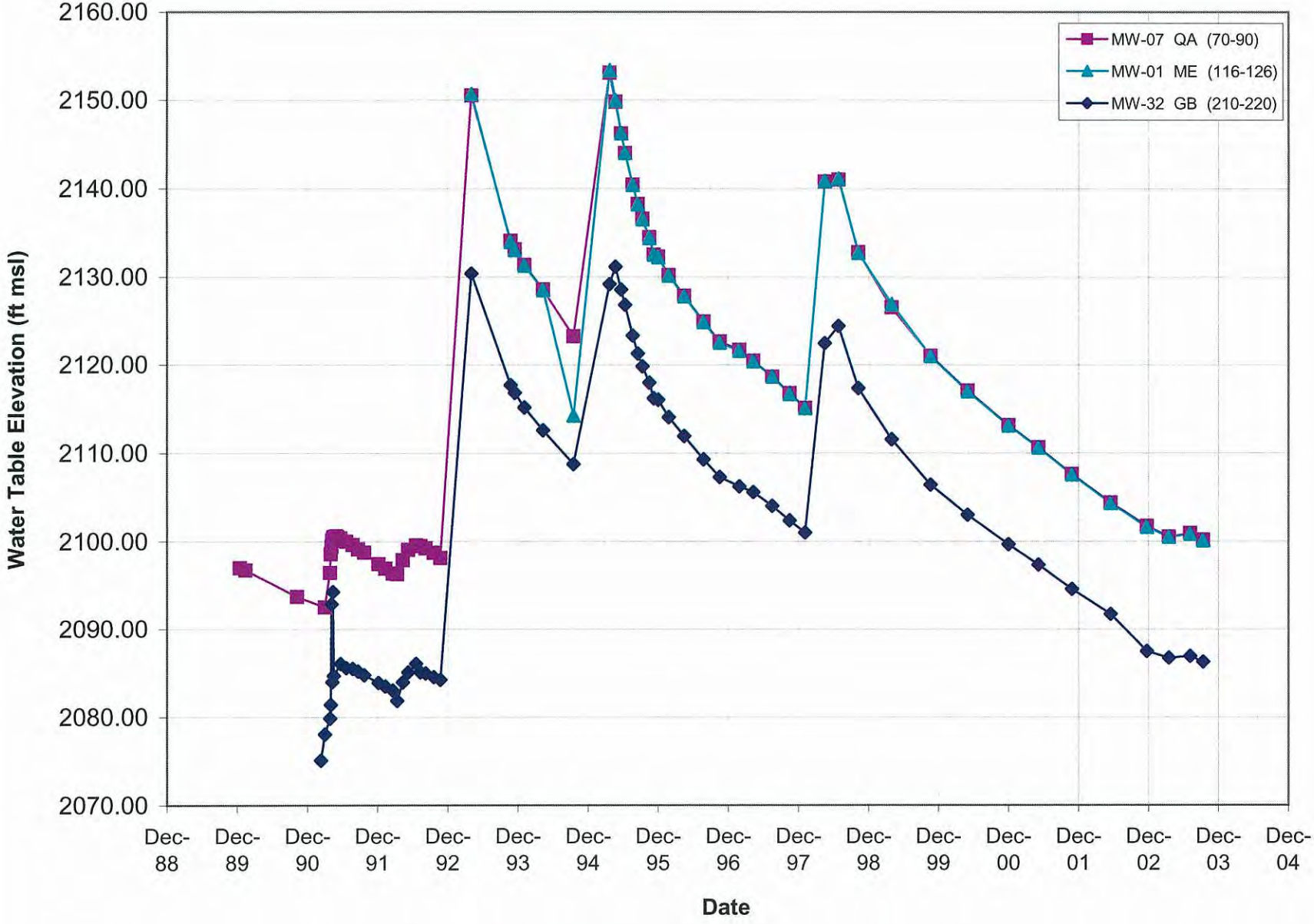
Lockheed Martin, Beaumont				Table 3										
Site: 1				Analytical Data Summary										
Extraction Method: SW3520B				EPA Method E1624										
Analytical Method: E1624														
Matrix: Water														
Units: ug/L														
			Environmental Samples											
		Field ID:		MW-42-073003				MW-56C-073003				MW-66-073003		
		SDG:		03-07-1630				03-07-1630				03-07-1630		
		Batch ID:		030801L02				030801L02				030801L02		
Parameters	RDL		PQL	Result (Unfiltered)	Validity	Comments	PQL	Result (Unfiltered)	Validity	Comments	PQL	Result (Unfiltered)	Validity	Comments
1,4-Dioxane	1.1		2	33		g	2	34		g	2	23		g

Lockheed Martin, Beaumont							Table 3							
Site: 1							Analytical Data Summary							
Extraction Method: SW3520B							EPA Method E1624							
Analytical Method: E1624														
Matrix: Water														
Units: ug/L														
			Environmental Samples											
		Field ID:		MW-03-073103				MW-135-073103				MW-16-073103		
		SDG:		03-08-0026				03-08-0026				03-08-0026		
		Batch ID:		030801L02				030801L02				030801L02		
Parameters	RDL		PQL	Result (Unfiltered)	Validity	Comments	PQL	Result (Unfiltered)	Validity	Comments	PQL	Result (Unfiltered)	Validity	Comments
1,4-Dioxane	1.1		2.0	ND	U	g	2.0	ND	U	g	2.0	ND	U	g

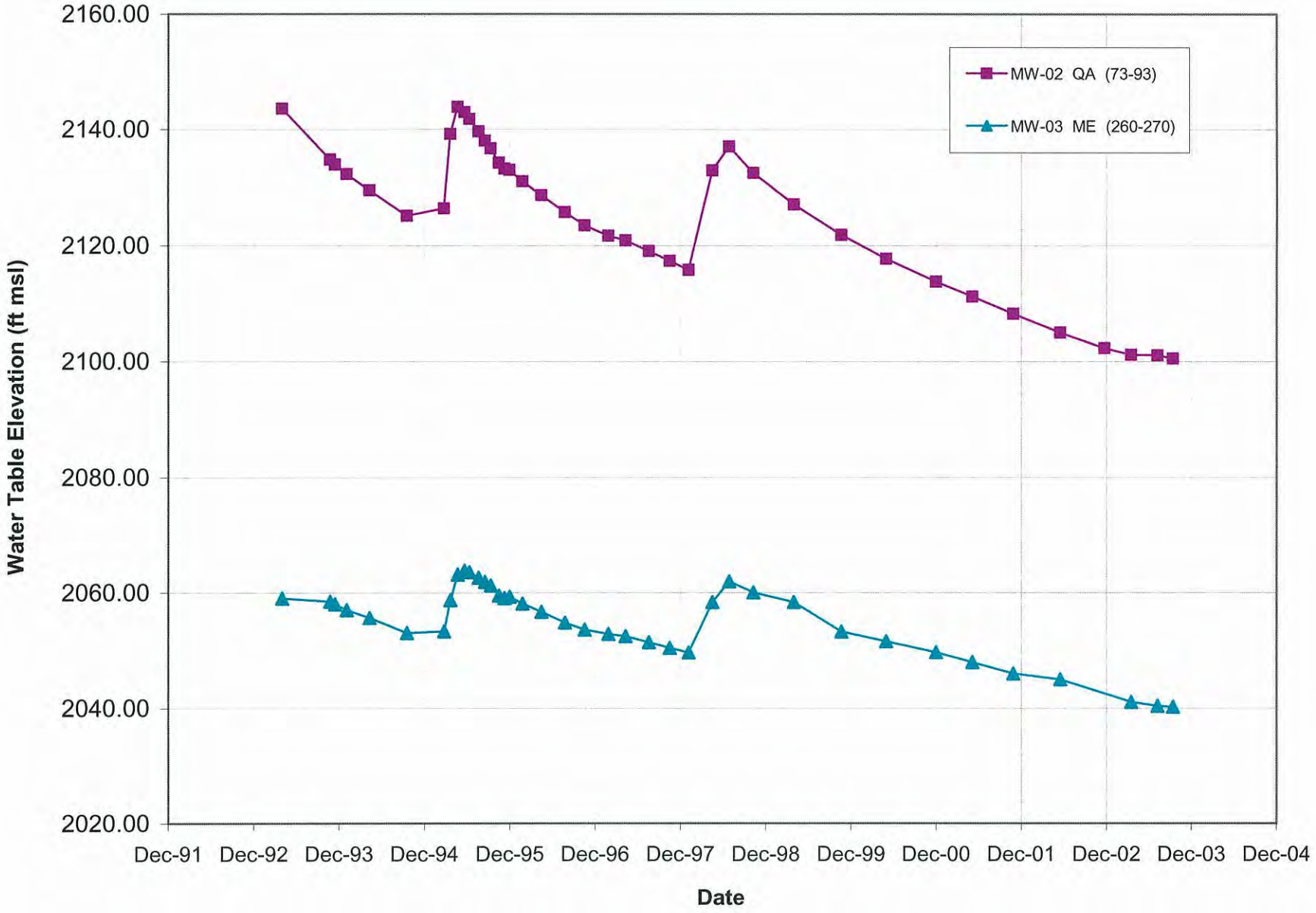
Lockheed Martin, Beaumont				Table 3										
Site: 1				Analytical Data Summary										
Extraction Method: SW3520B				EPA Method E1624										
Analytical Method: E1624														
Matrix: Water														
Units: ug/L														
			Environmental Samples											
		Field ID:		MW-32-073103				MW-35-073103						
		SDG:		03-08-0026				03-08-0026						
		Batch ID:		030801L02				030801L02						
Parameters	RDL		PQL	Result (Unfiltered)	Validity	Comments	PQL	Result (Unfiltered)	Validity	Comments				
1,4-Dioxane	1.1		2.0	ND	U	g	2.0	ND	U	g				

APPENDIX B

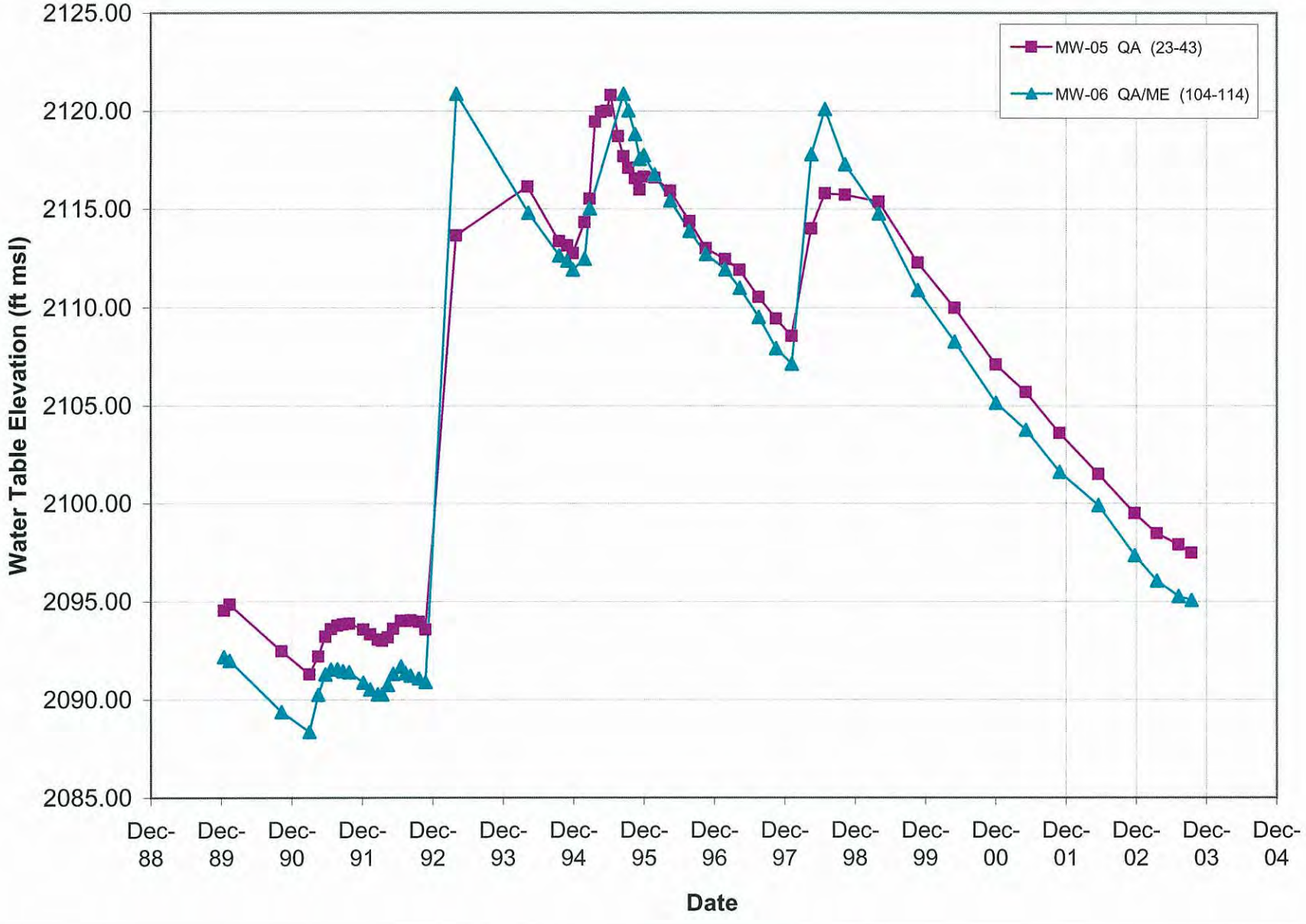
Lockheed Martin Corporation
Beaumont Hydrograph Well Cluster MW-01, MW-07, and MW-32



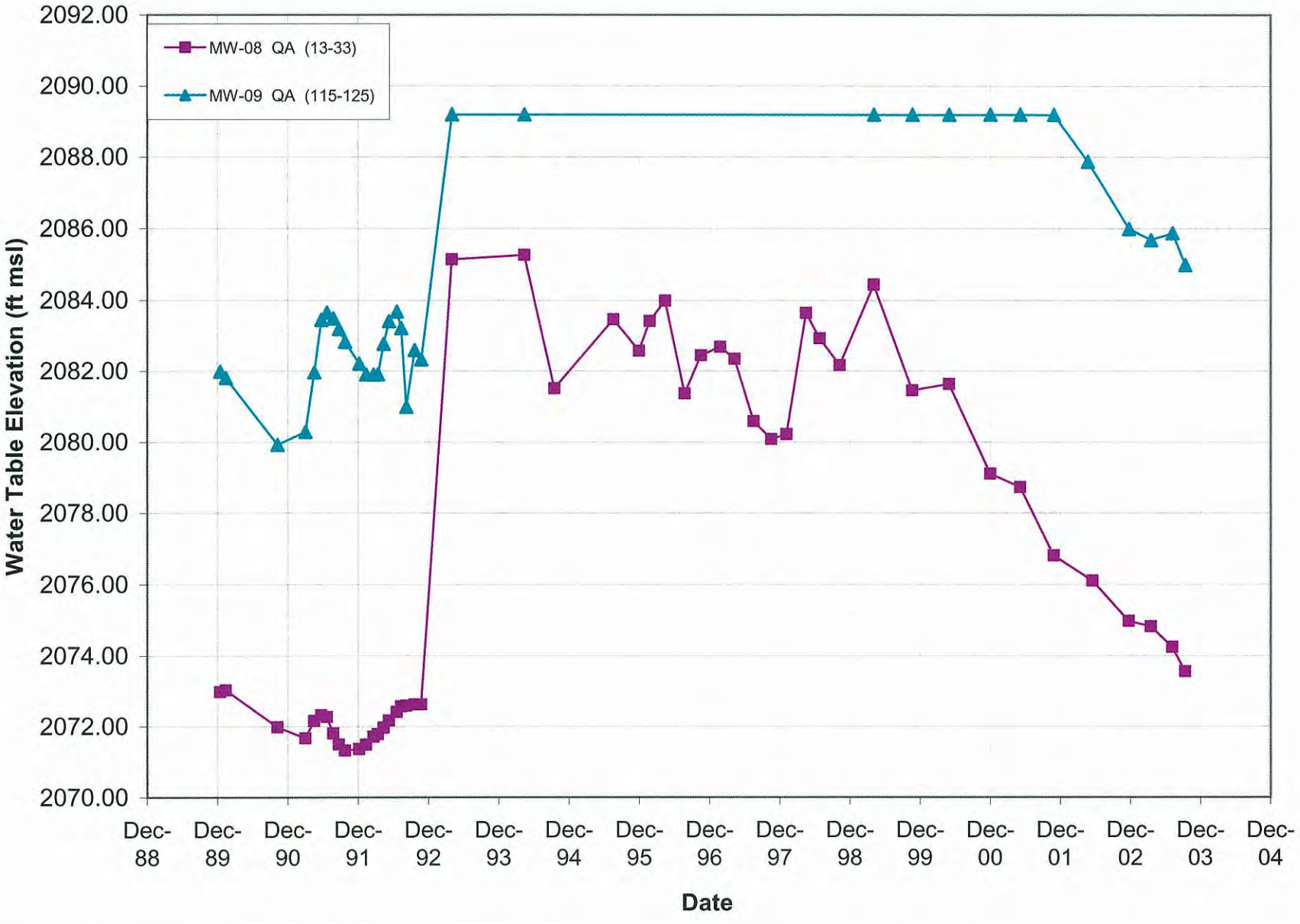
Lockheed Martin Corporation
Beaumont Hydrograph Well Cluster MW-02 and MW-03



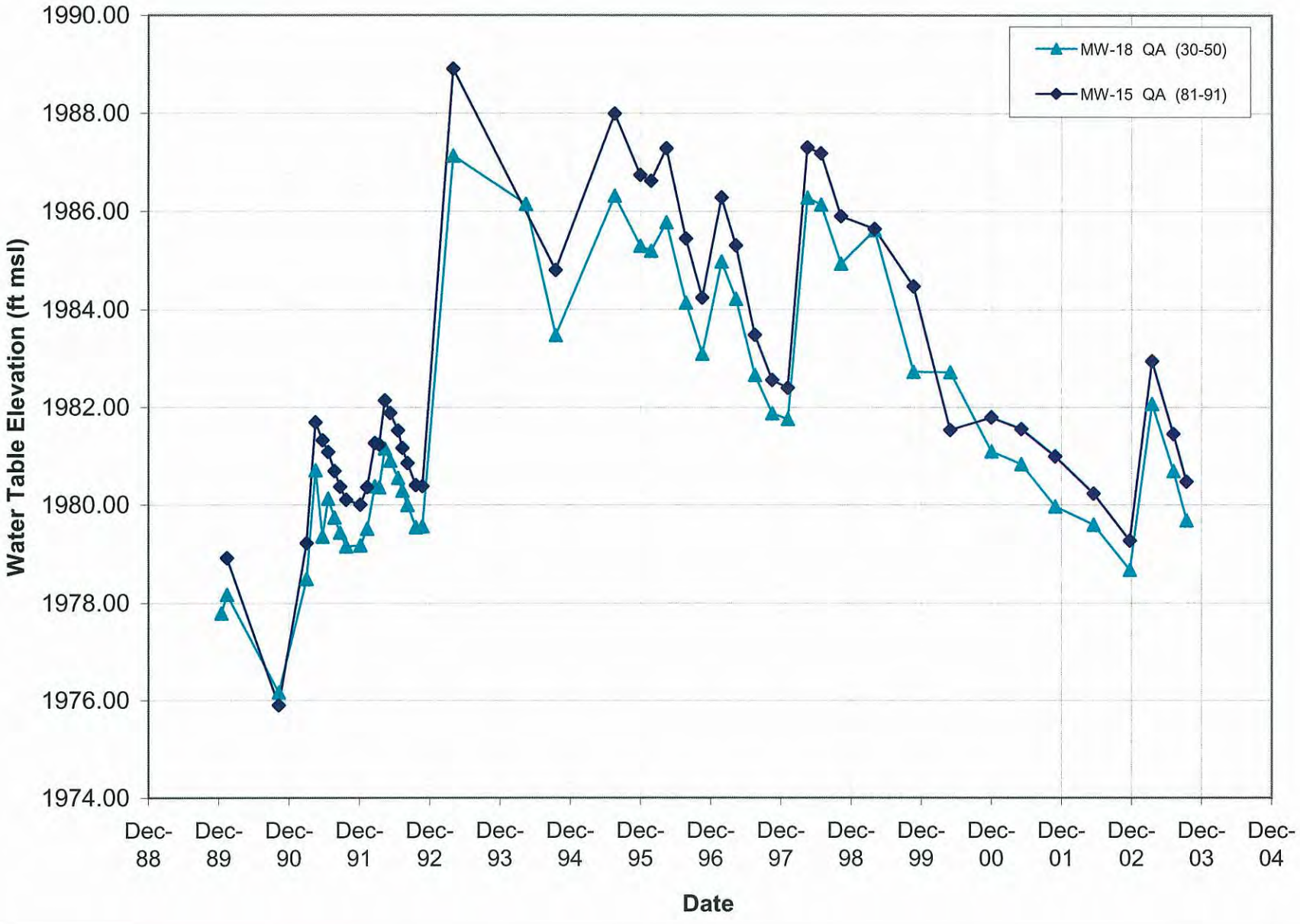
Lockheed Martin Corporation
Beaumont Hydrograph Well Cluster MW-05 and MW-06



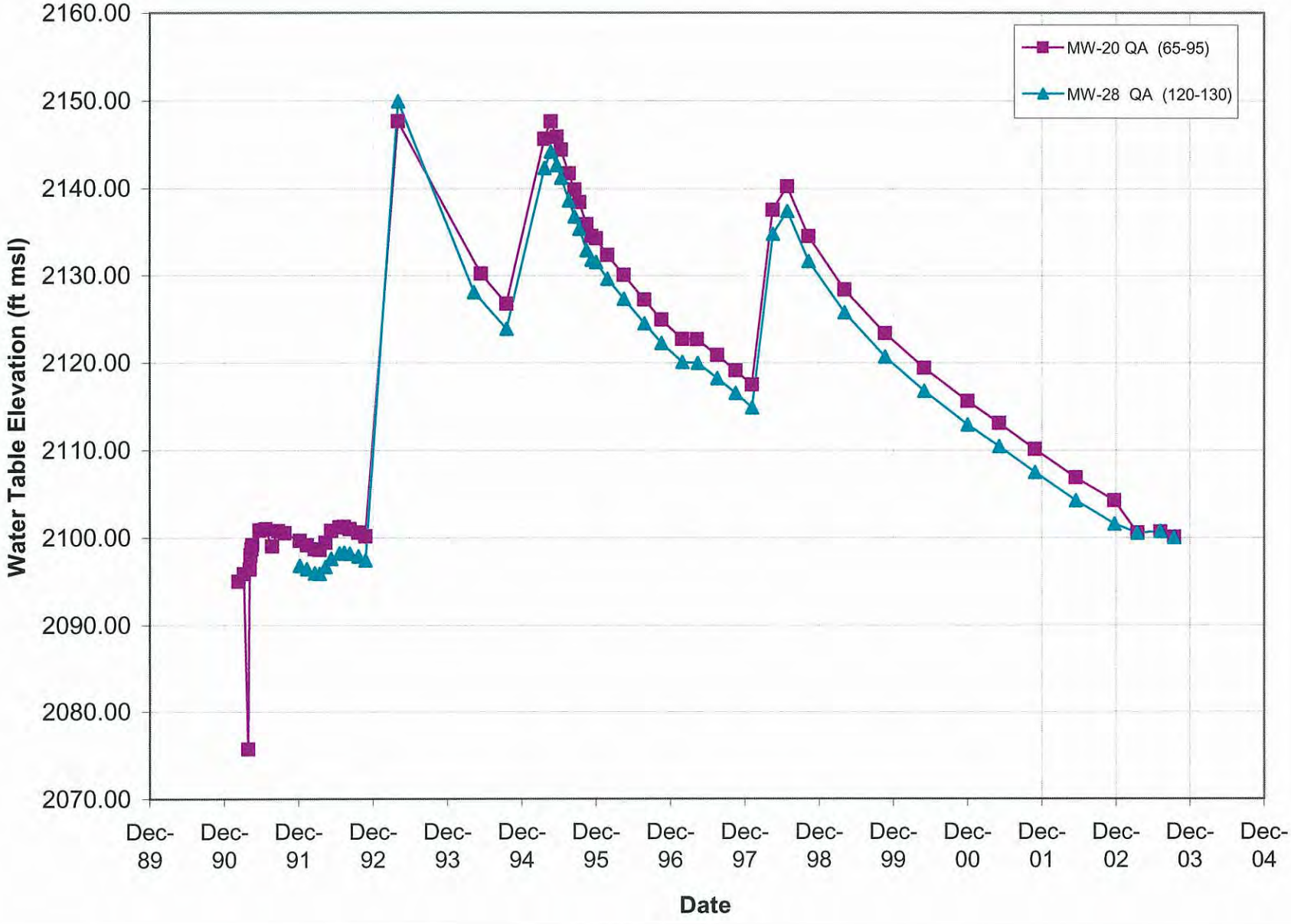
Lockheed Martin Corporation
Beaumont Hydrograph Well Cluster MW-08 and MW-09



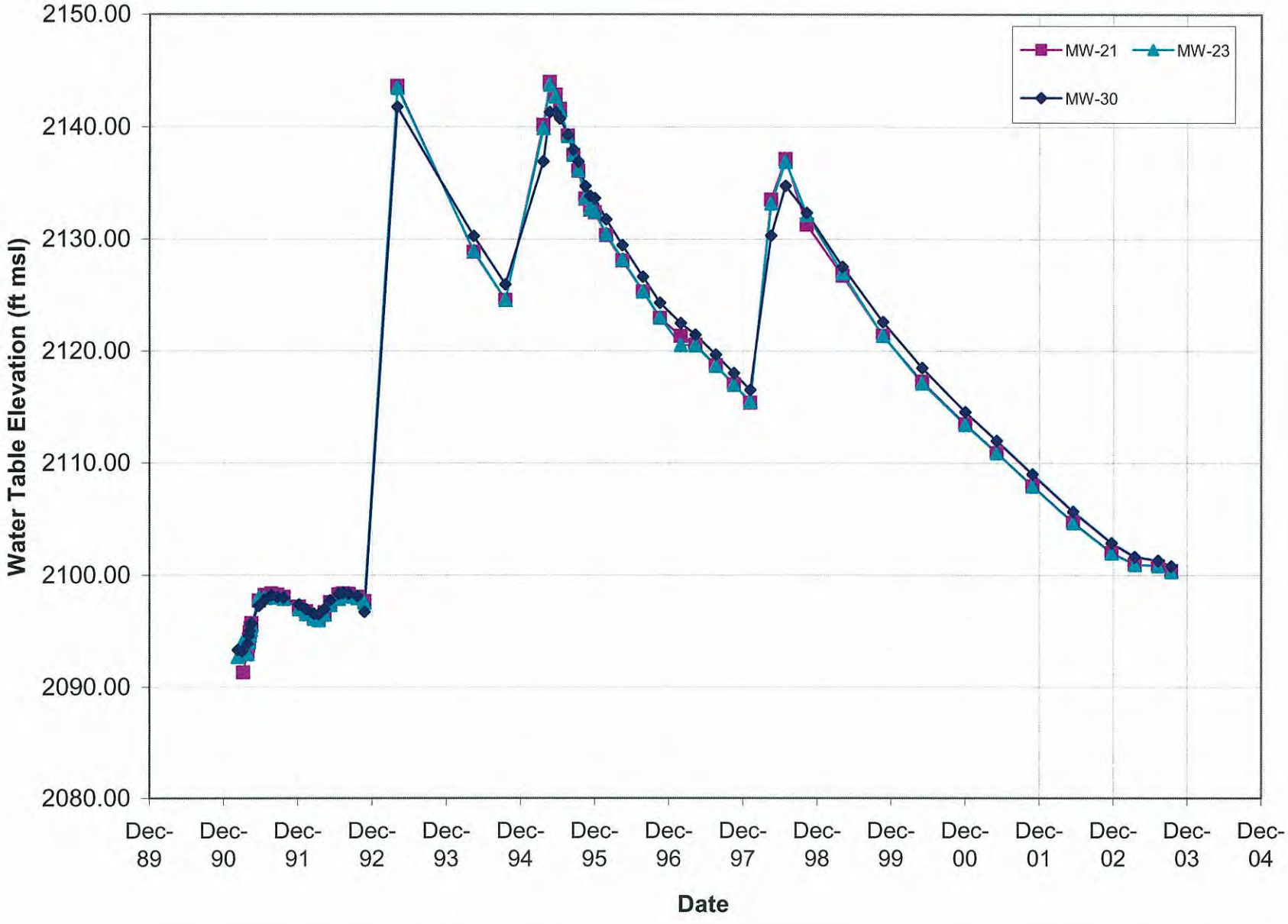
Lockheed Martin Corporation
Beaumont Hydrograph Well Cluster MW-15 and MW-18



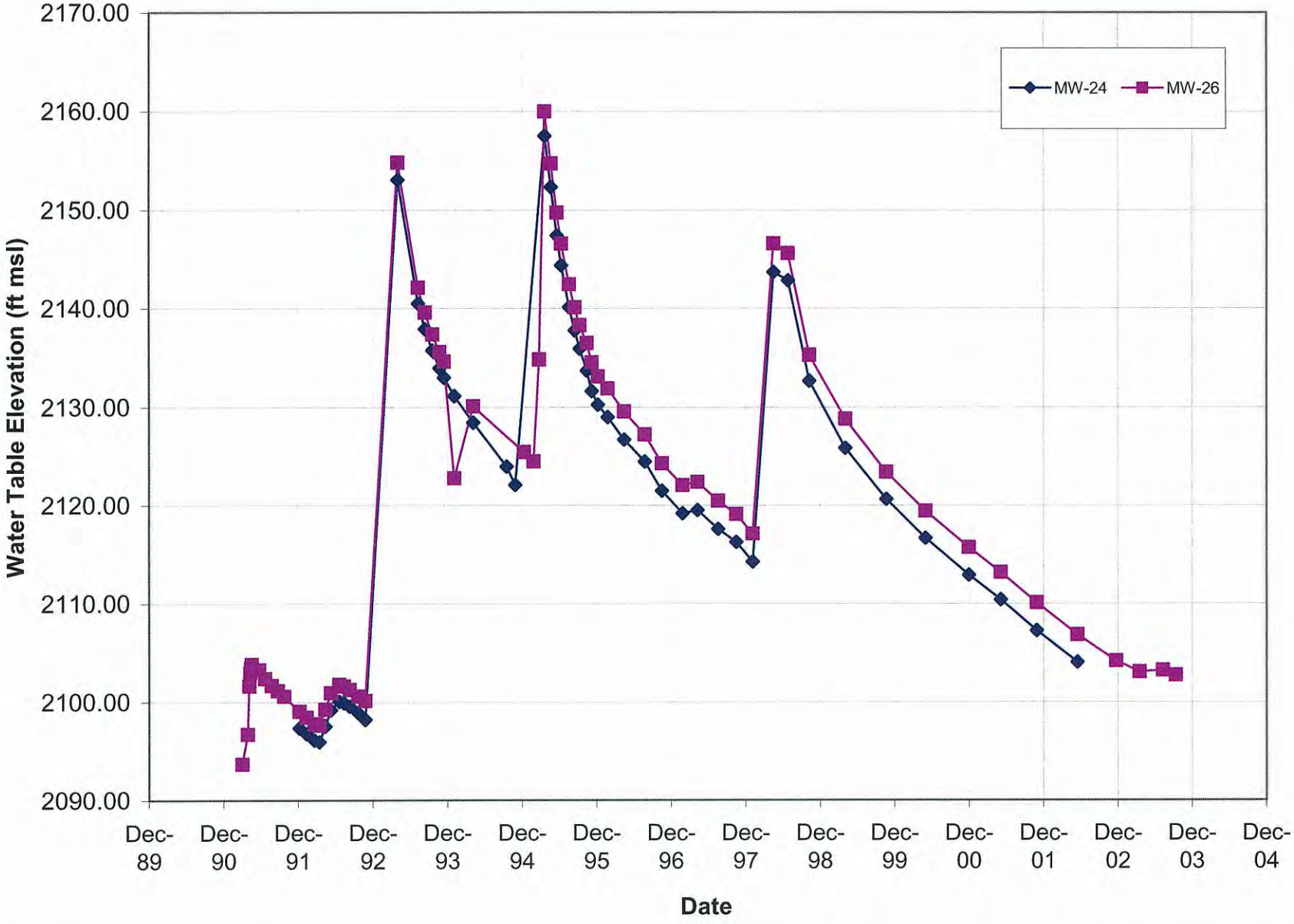
Lockheed Martin Corporation
Beaumont Hydrograph Well Cluster MW-20 and MW-28



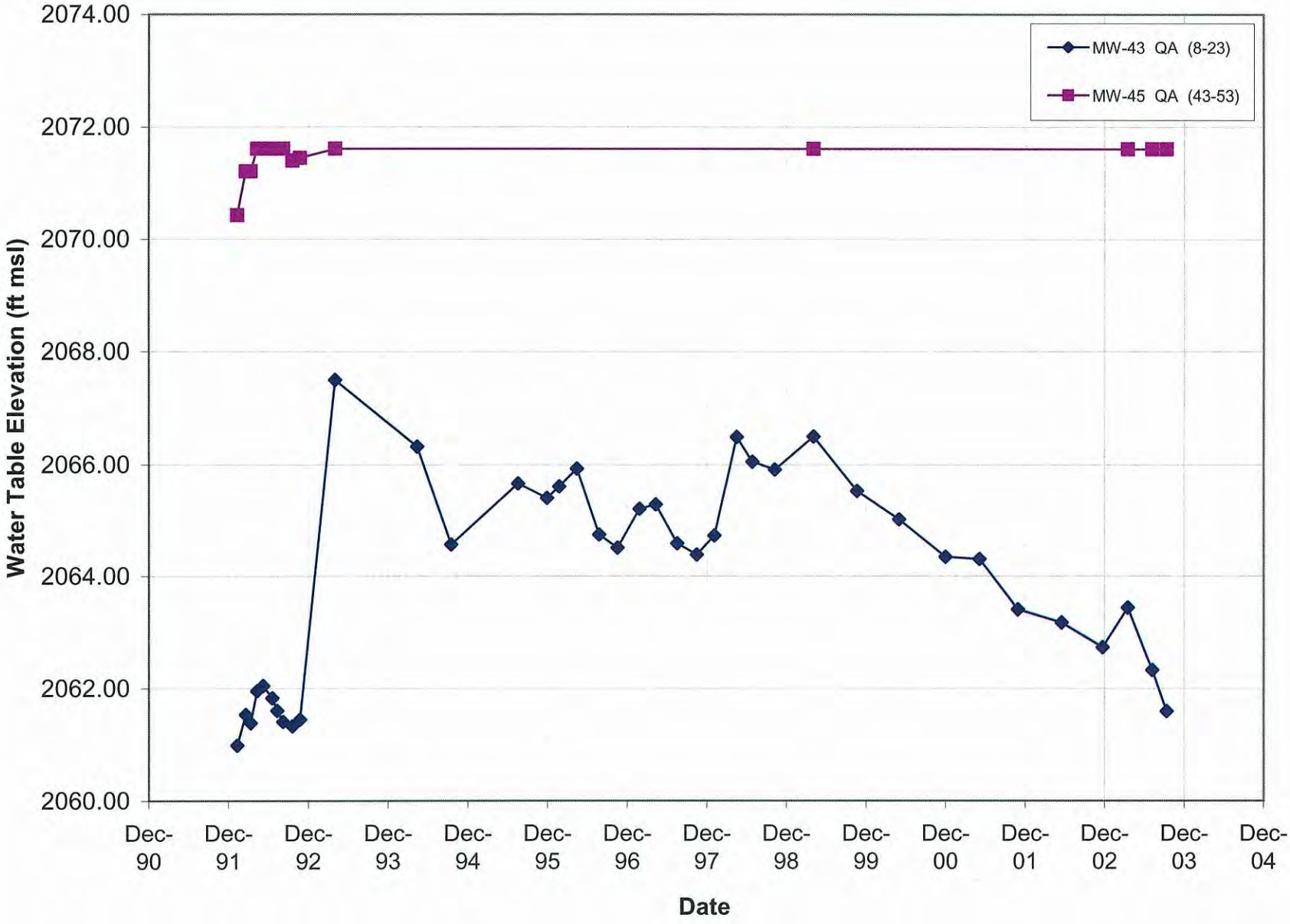
Lockheed Martin Corporation
Beaumont Hydrograph Well Cluster MW-21, MW-23, and MW-30



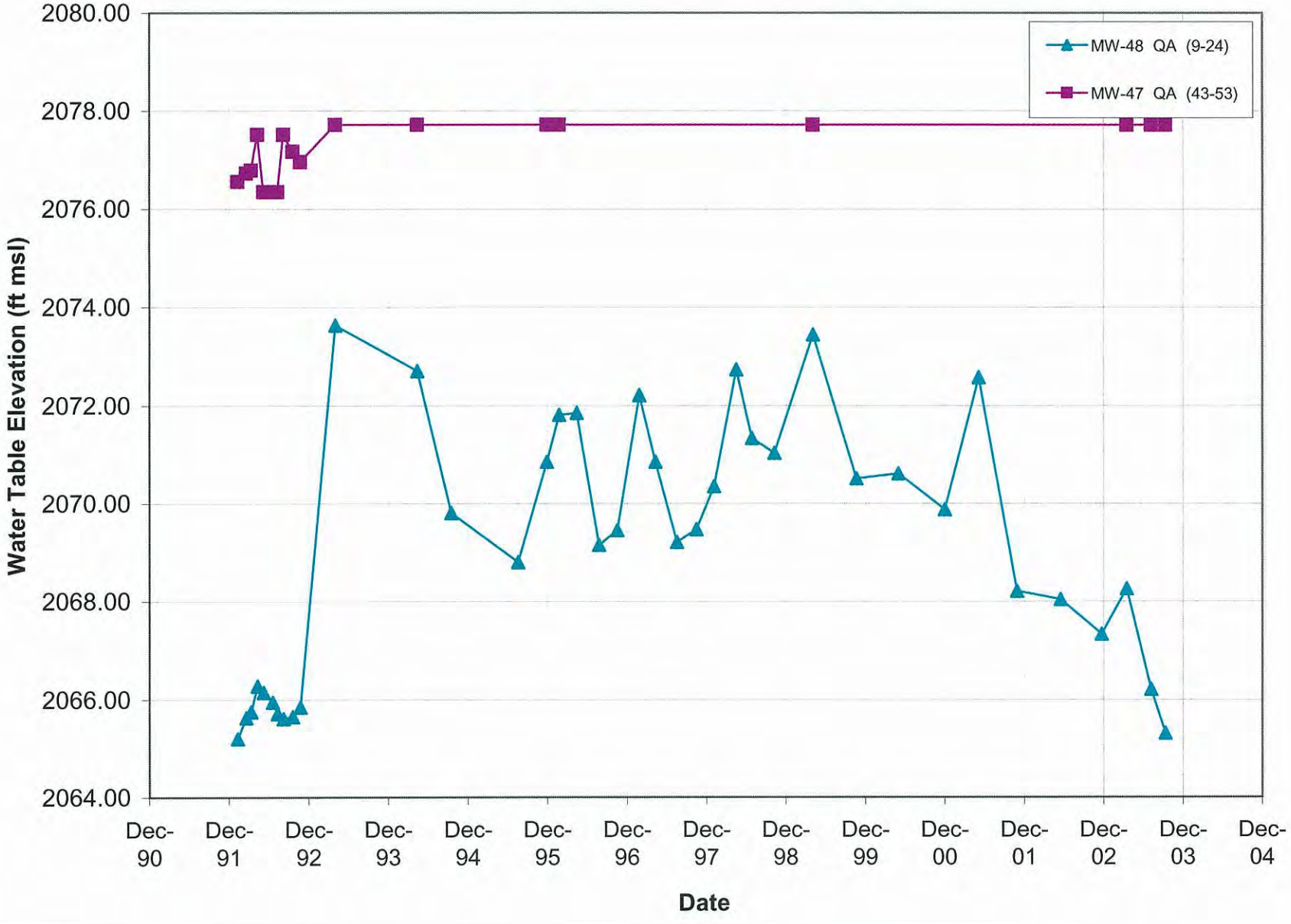
Lockheed Martin Corporation
Beaumont Hydrograph Well Cluster MW-24 and MW-26



Lockheed Martin Corporation
Beaumont Hydrograph Well Cluster MW-43 and MW-45

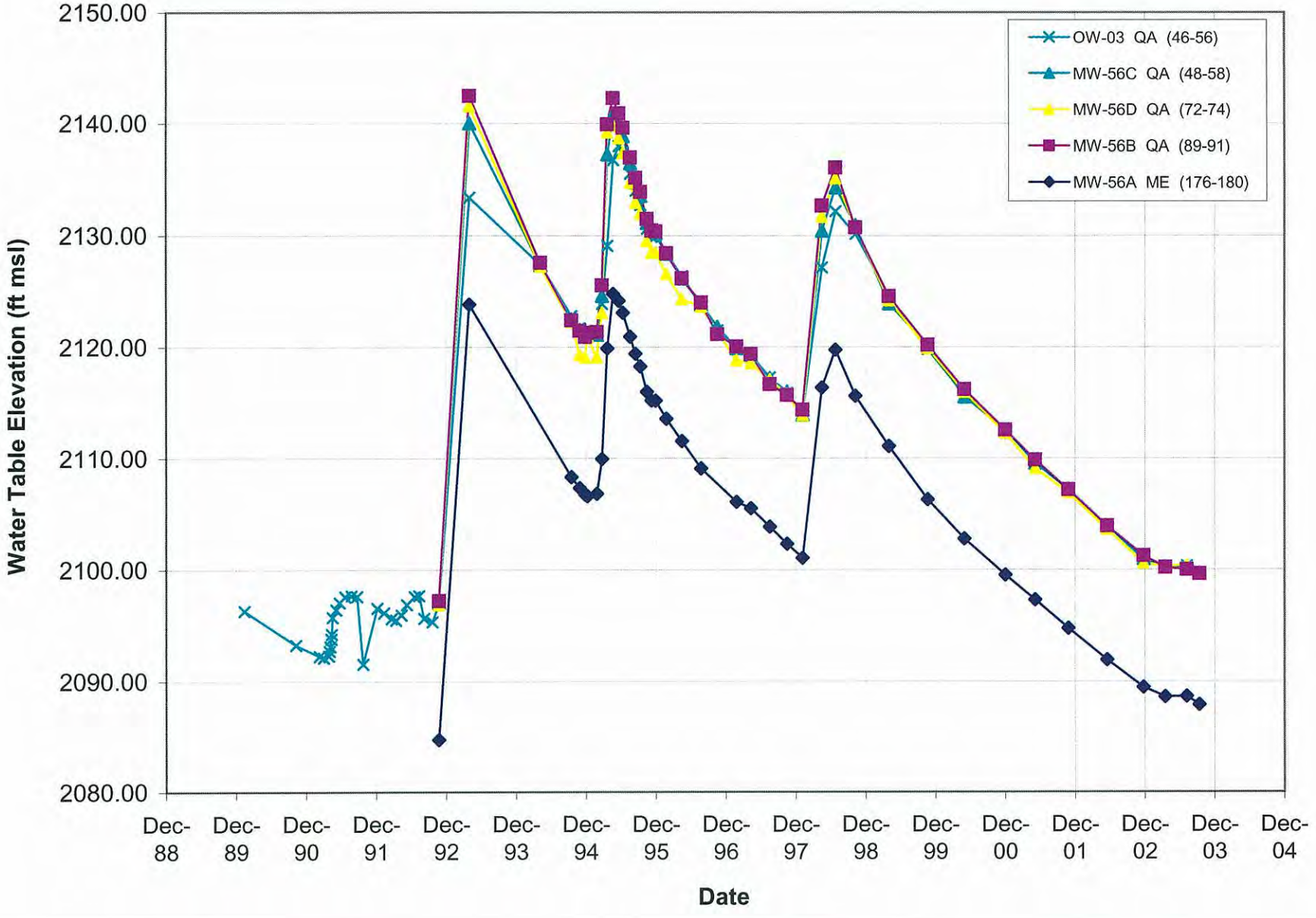


Lockheed Martin Corporation
Beaumont Hydrograph Well Cluster MW-47 and MW-48

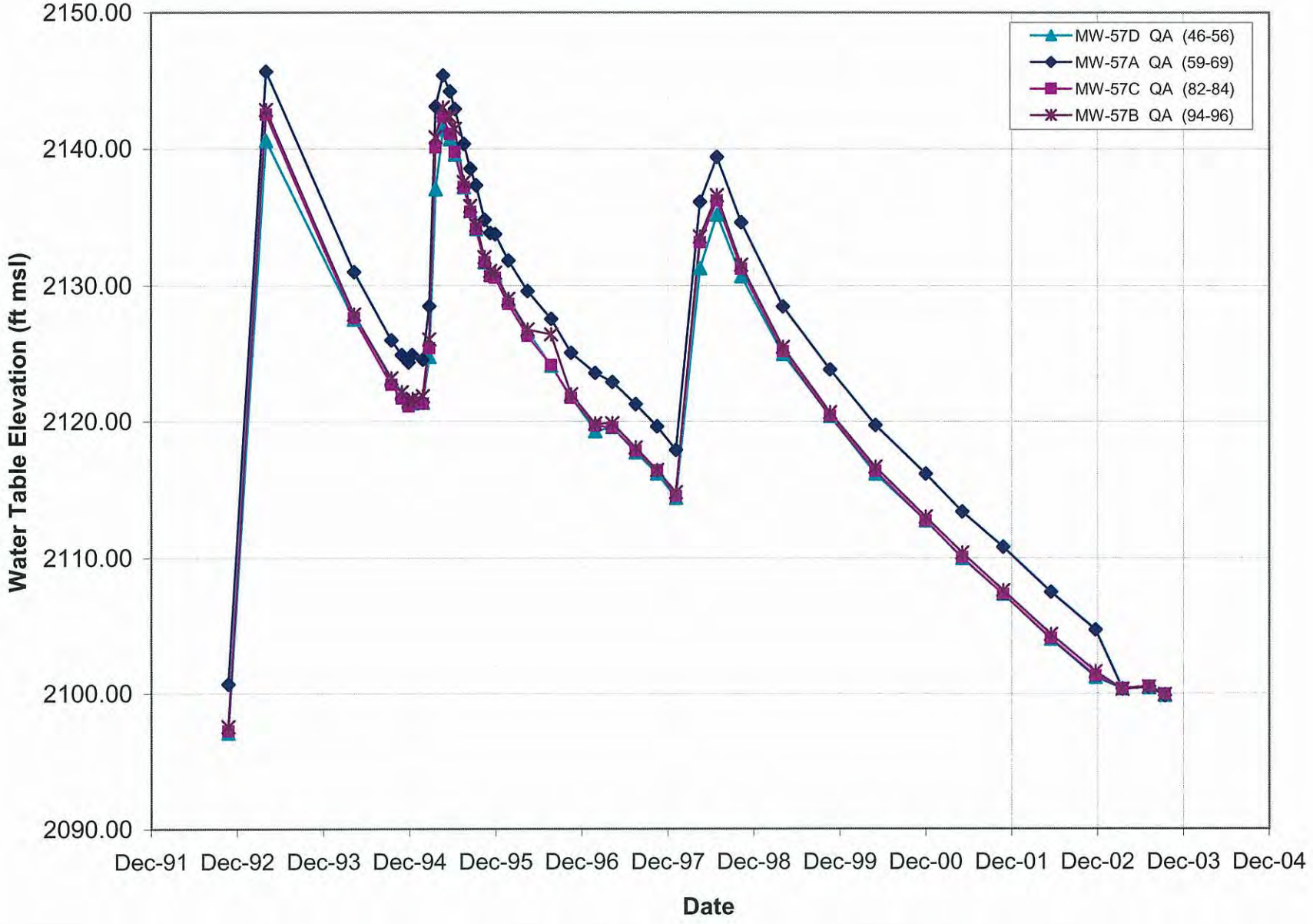


Lockheed Martin Corporation

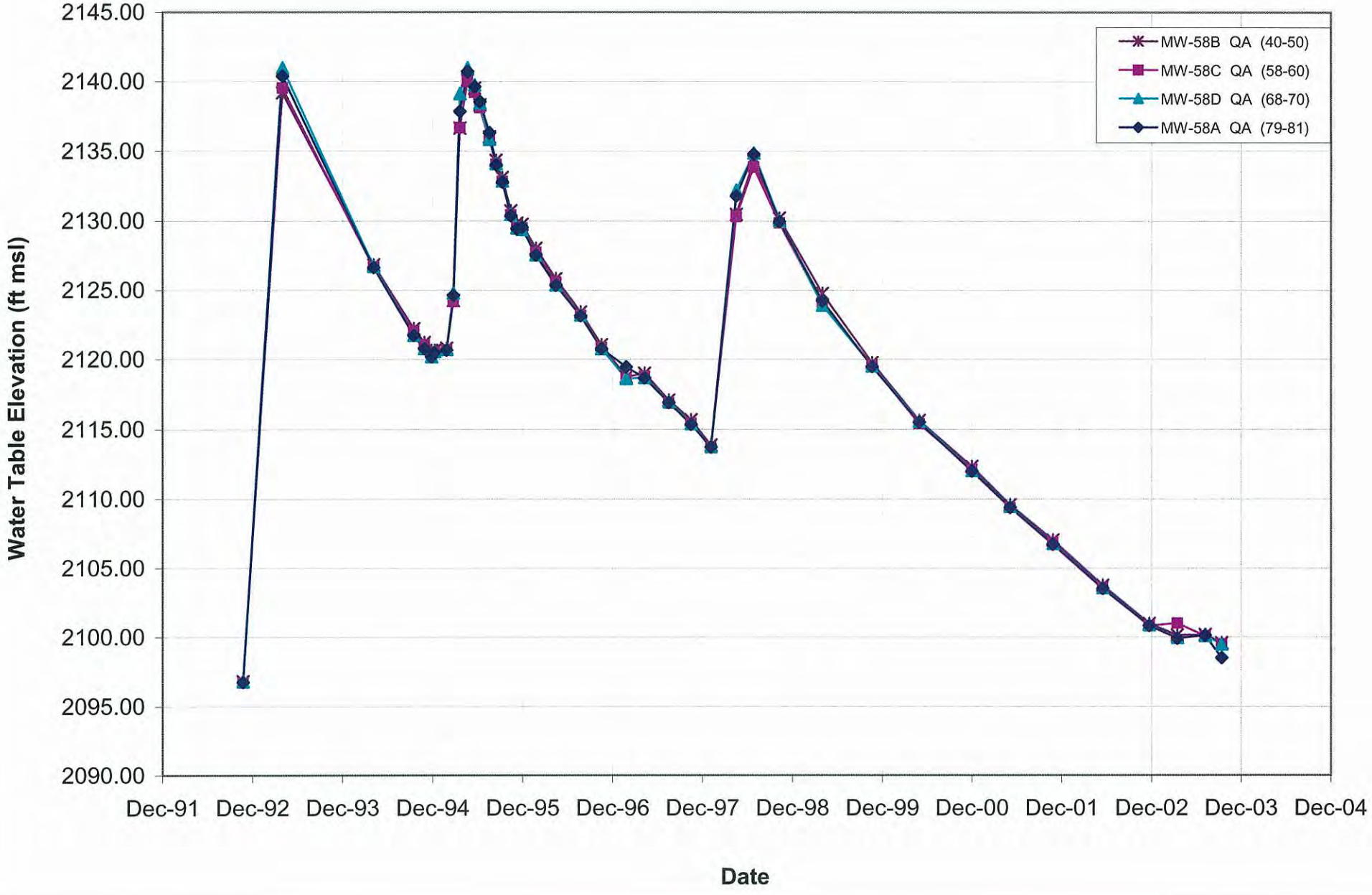
Beaumont Hydrograph Well Cluster MW-56A, MW-56B, MW-56C, MW-56D and OW-03



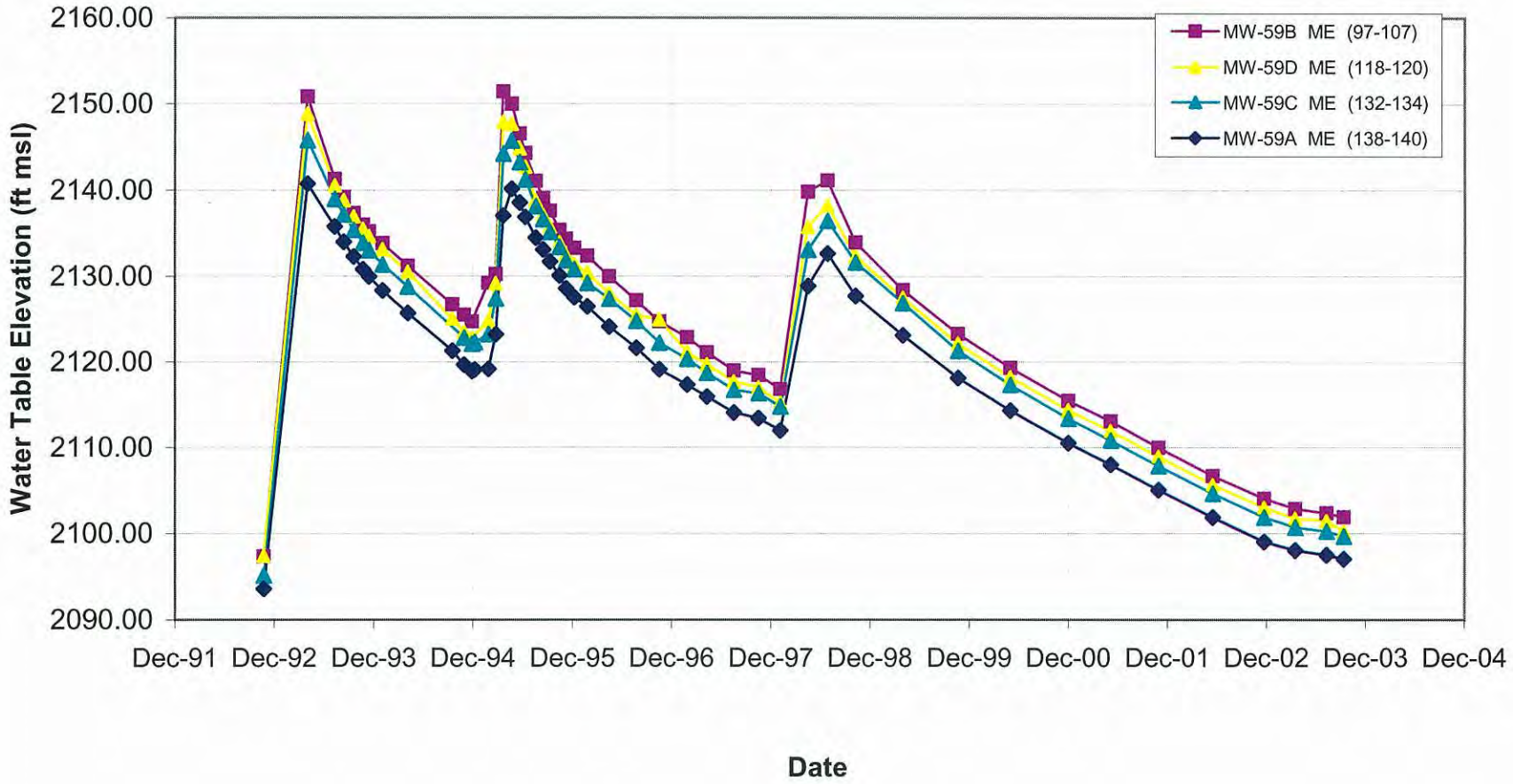
Lockheed Martin Corporation
Beaumont Hydrograph Well Cluster MW-57A, MW-57B, MW-57C and MW-57D



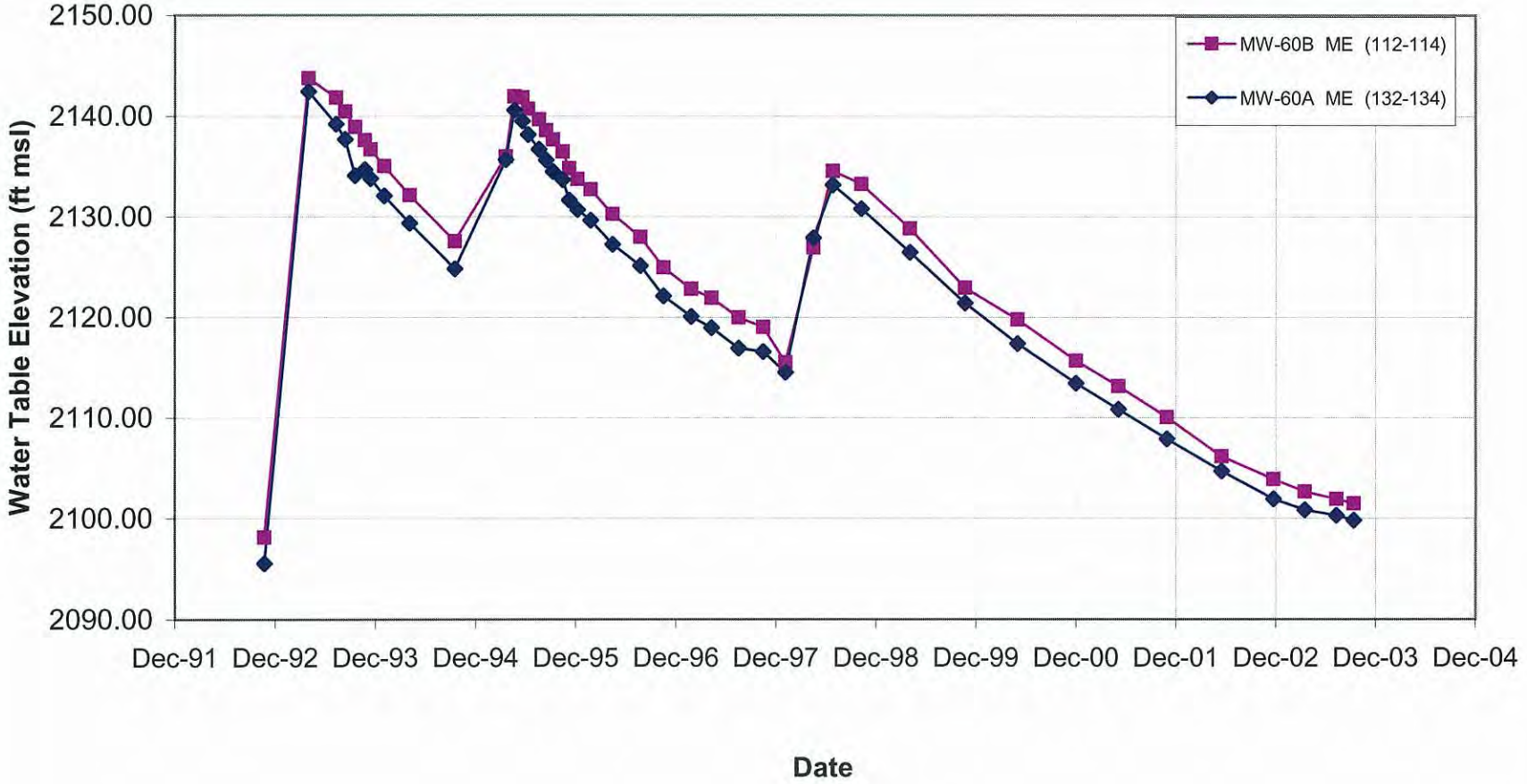
Lockheed Martin Corporation
Beaumont Hydrograph Well Cluster MW-58A, MW-58B, MW-58C, and MW-58D



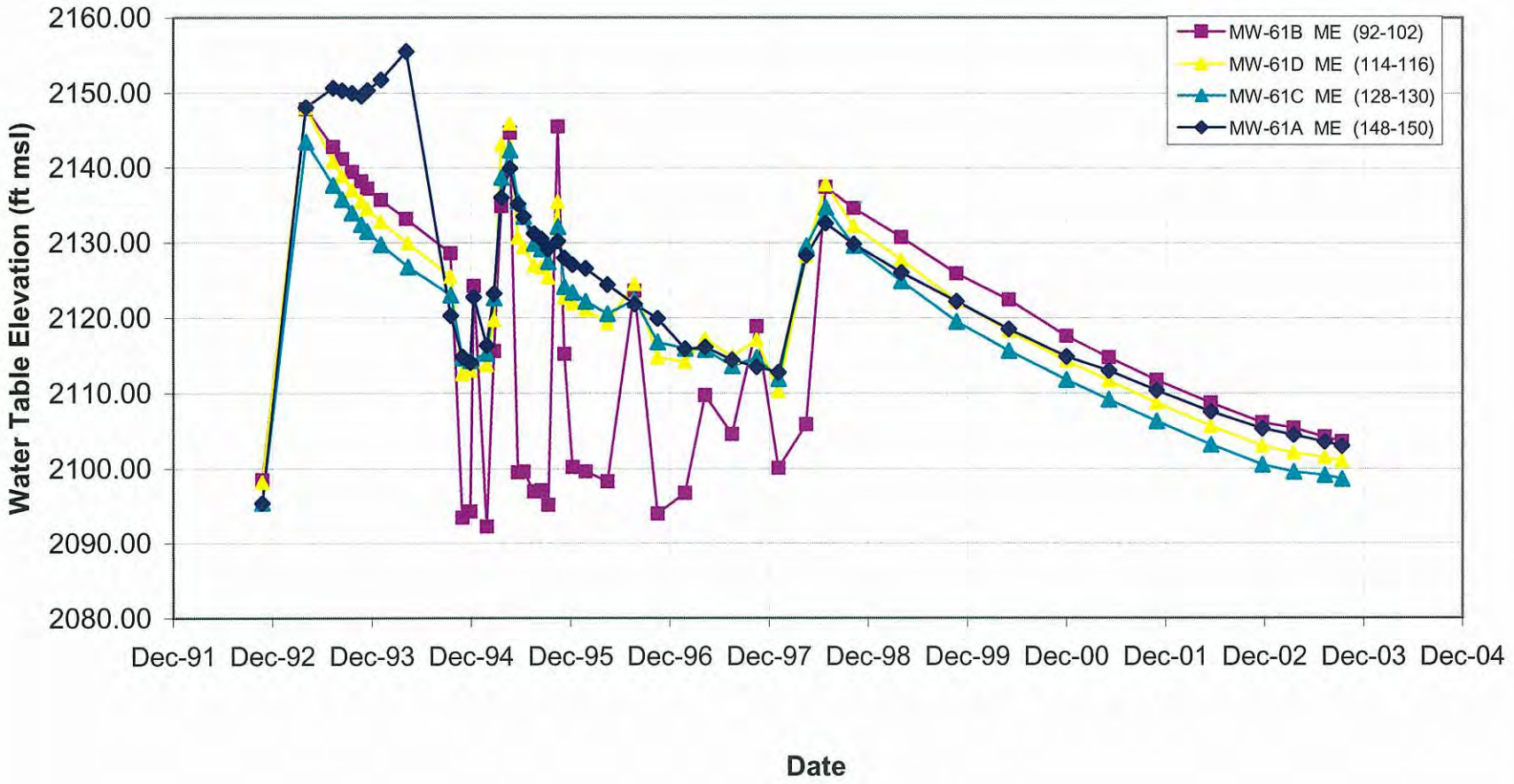
Lockheed Martin Corporation
Beaumont Hydrograph Well Cluster MW-59A, MW-59B, MW-59C, and MW-59D



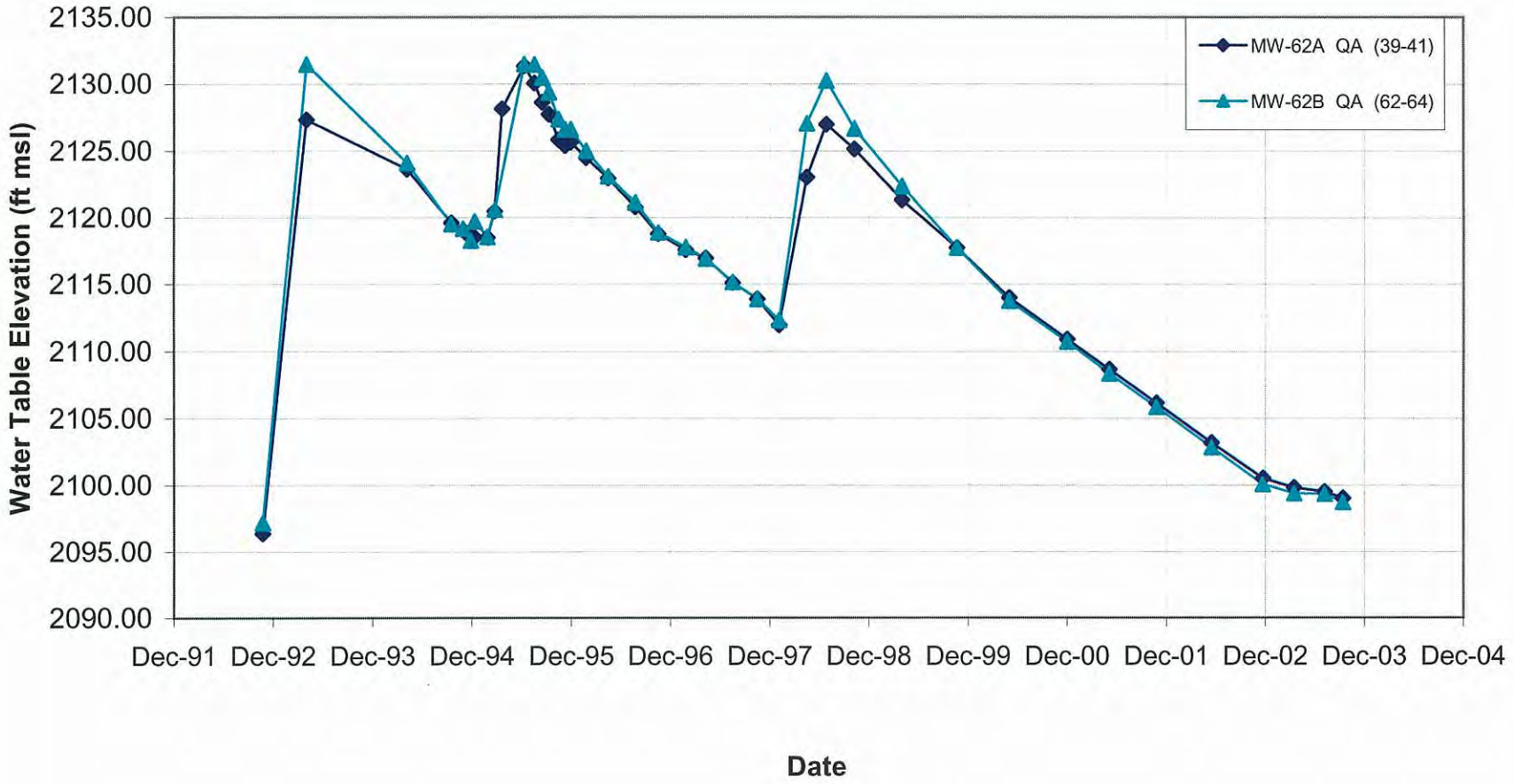
Lockheed Martin Corporation
Beaumont Hydrograph Well Cluster MW-60A and MW-60B



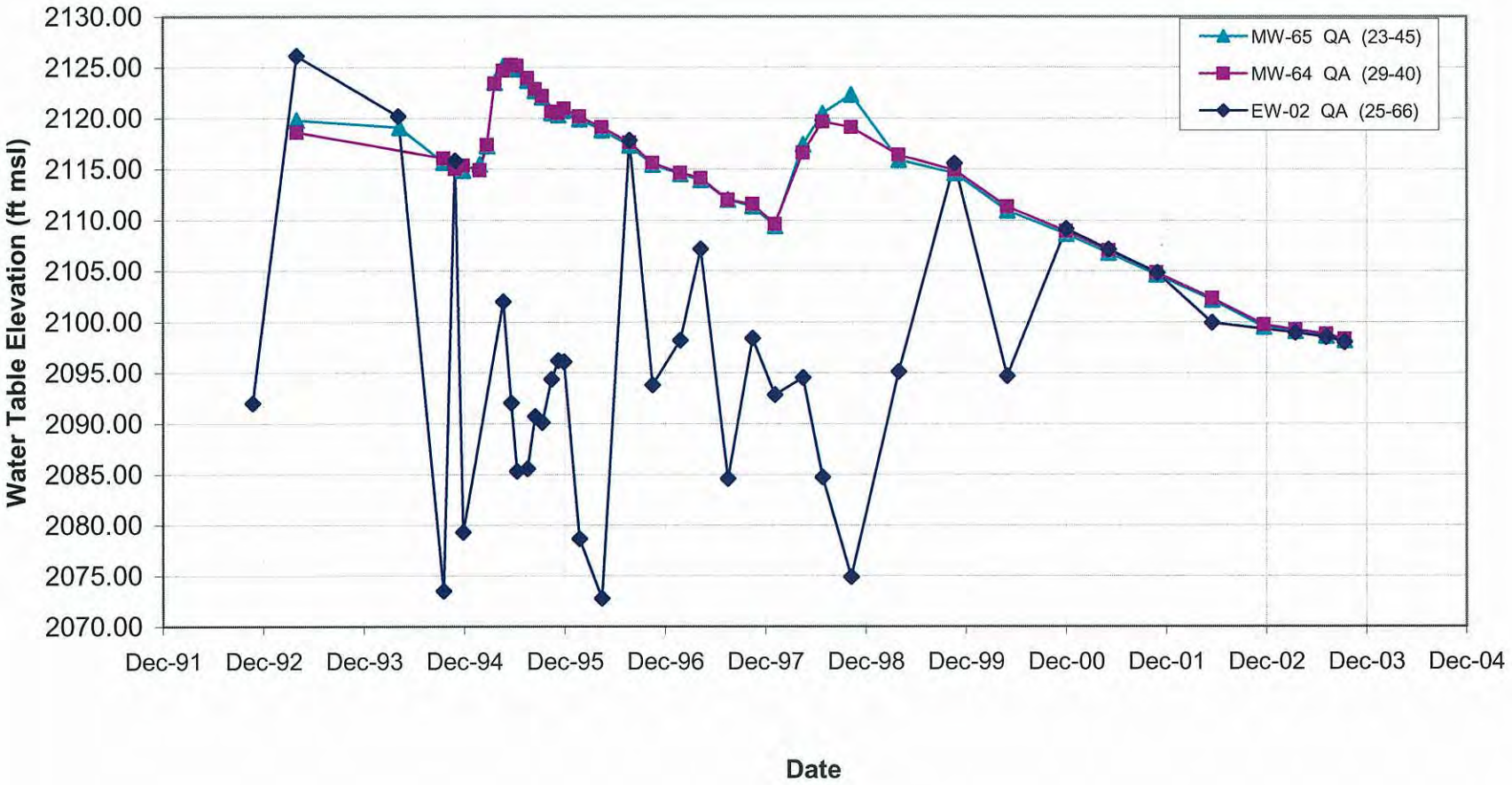
Lockheed Martin Corporation
Beaumont Hydrograph Well Cluster MW-61A, MW-61B, MW-61C, and MW-61D



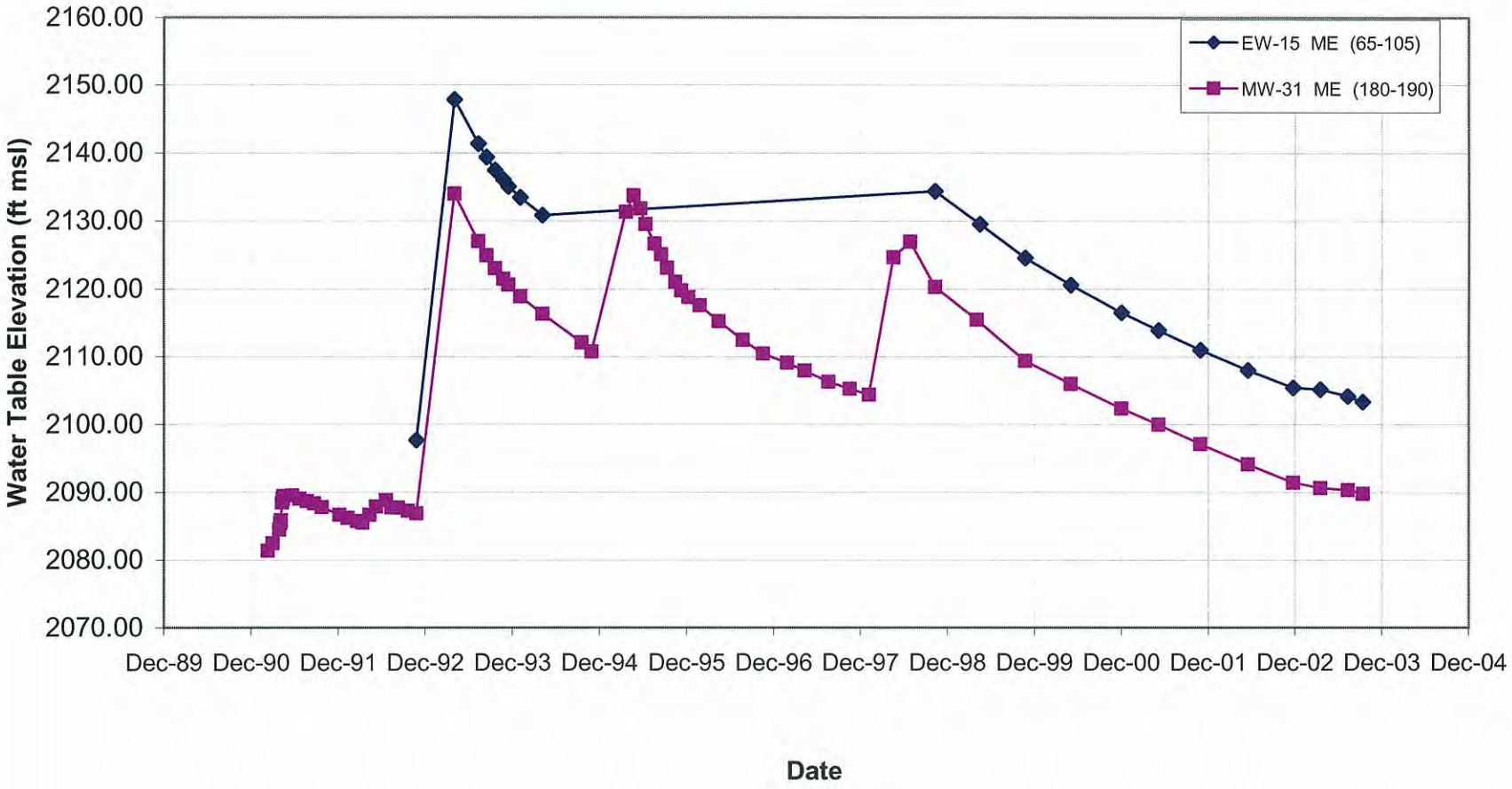
Lockheed Martin Corporation
Beaumont Hydrograph Well Cluster MW-62A and MW-62B

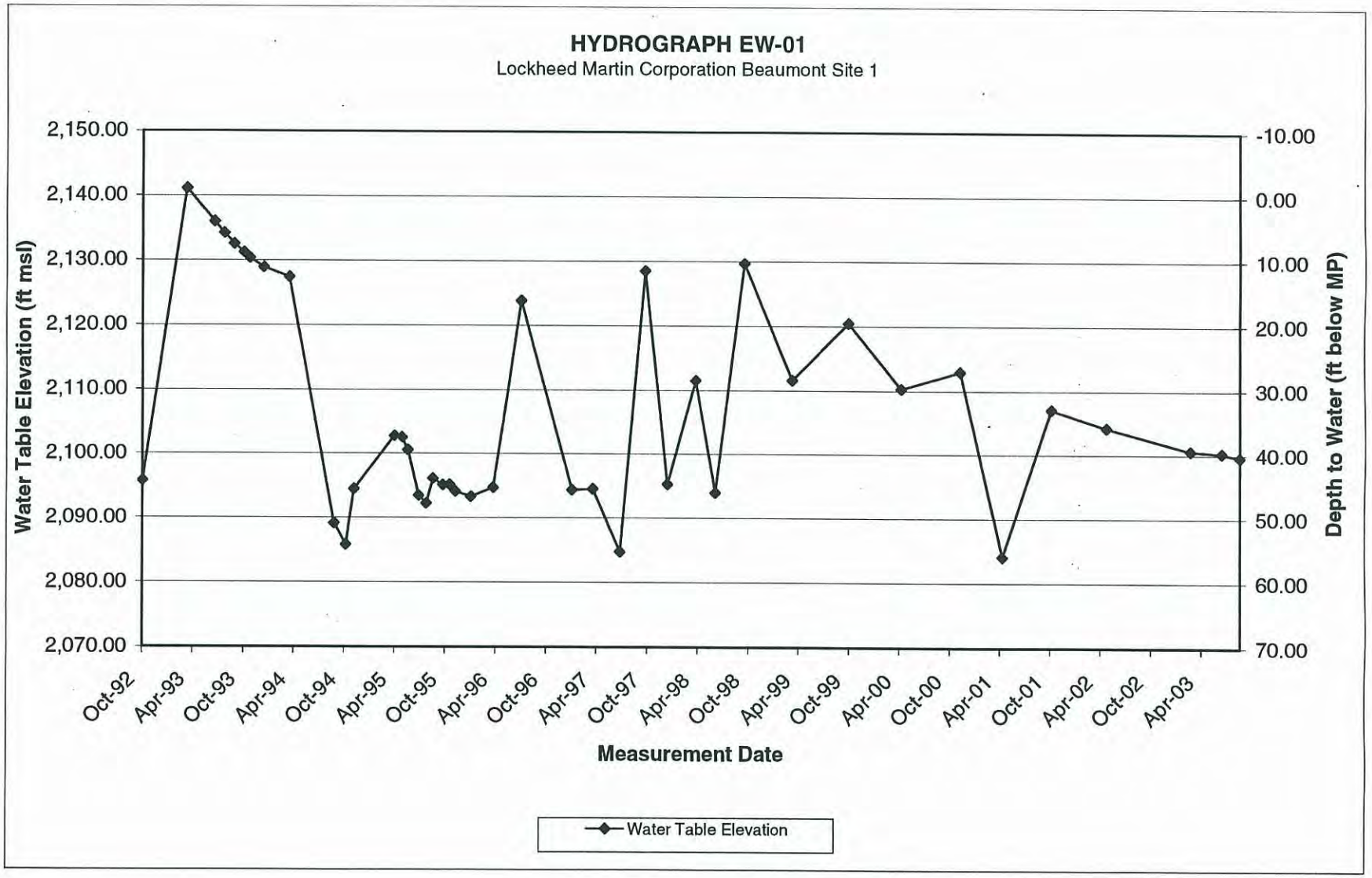


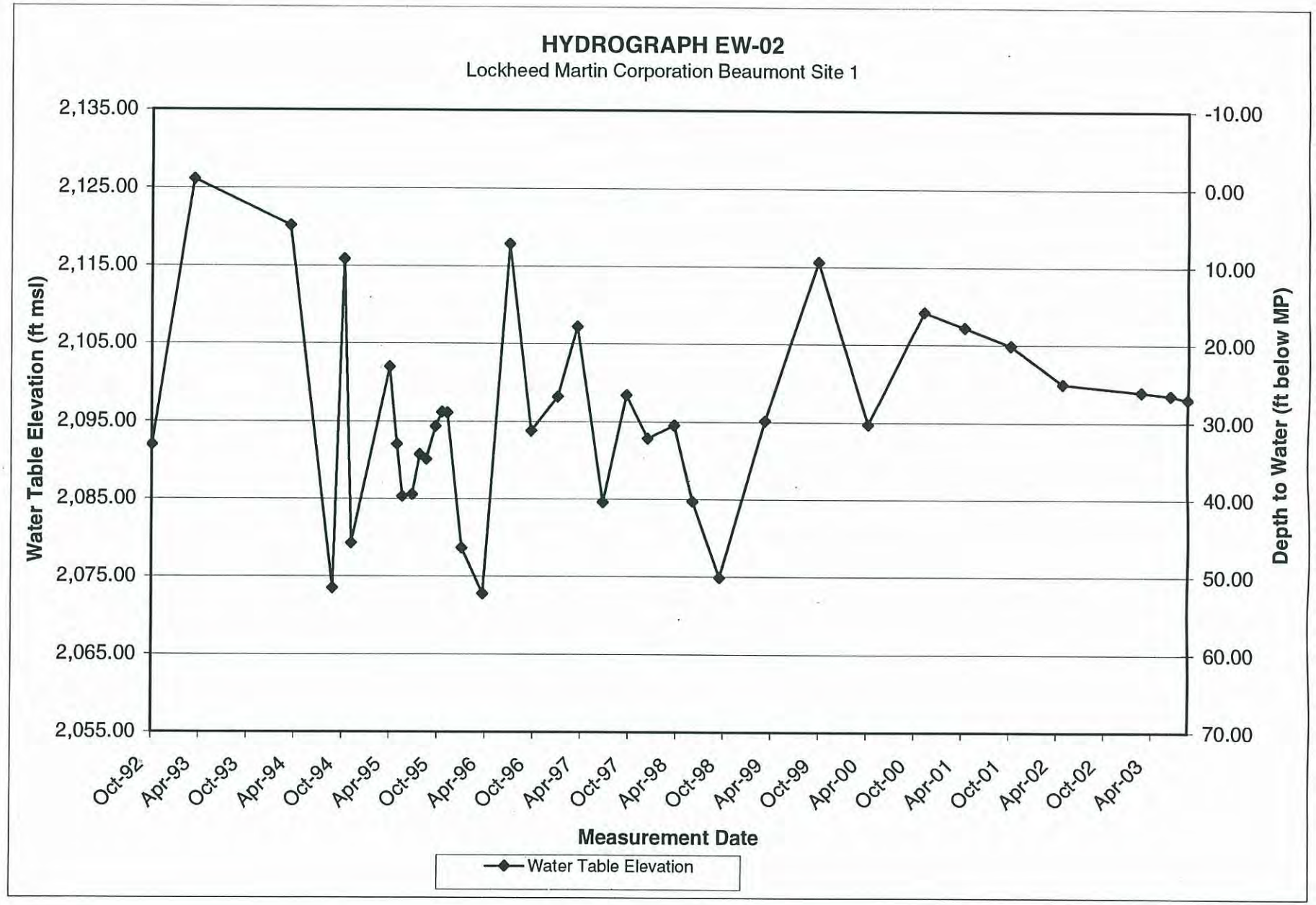
Lockheed Martin Corporation
Beaumont Hydrograph Well Cluster EW-02, MW-64, and MW65

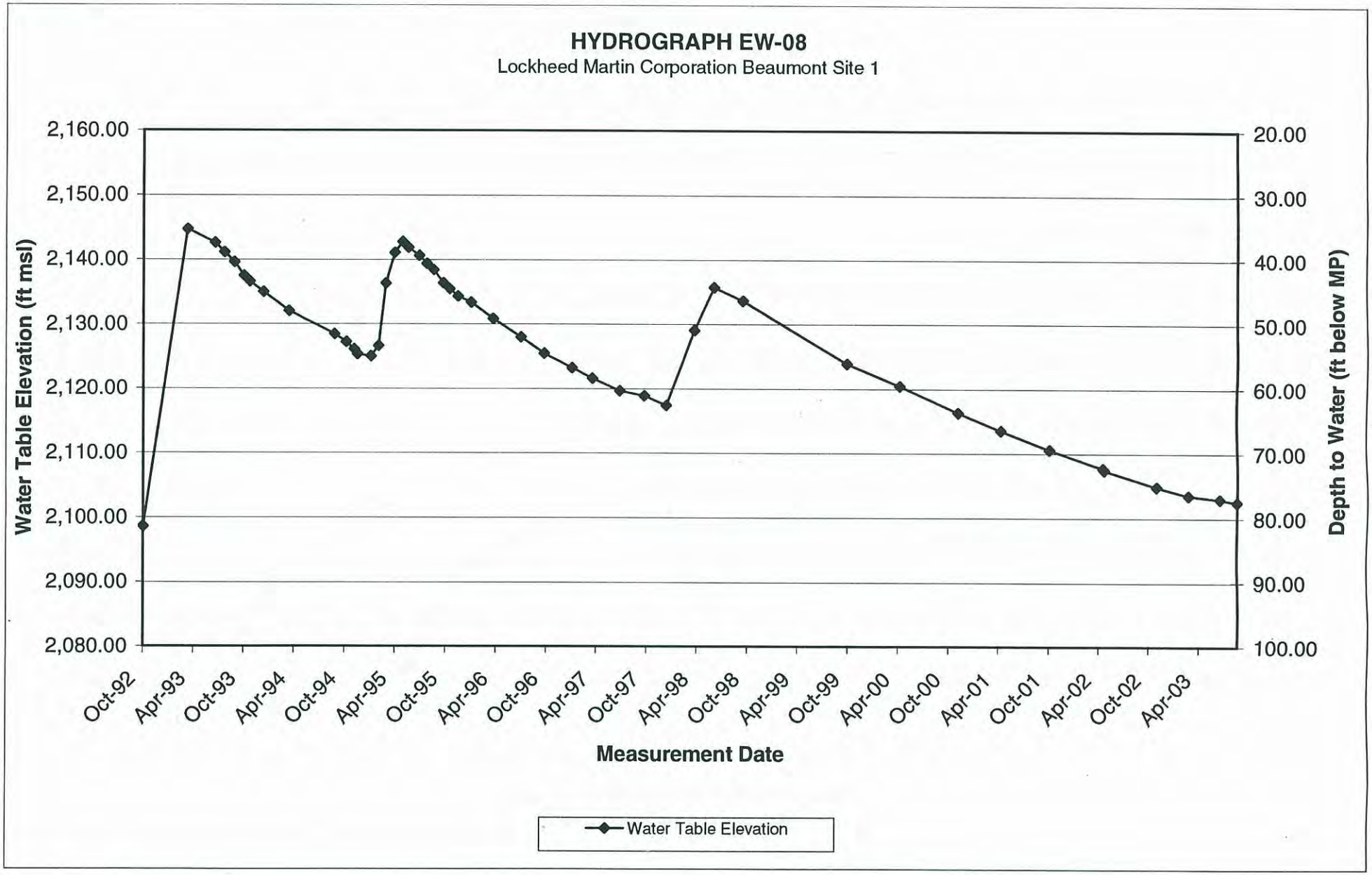


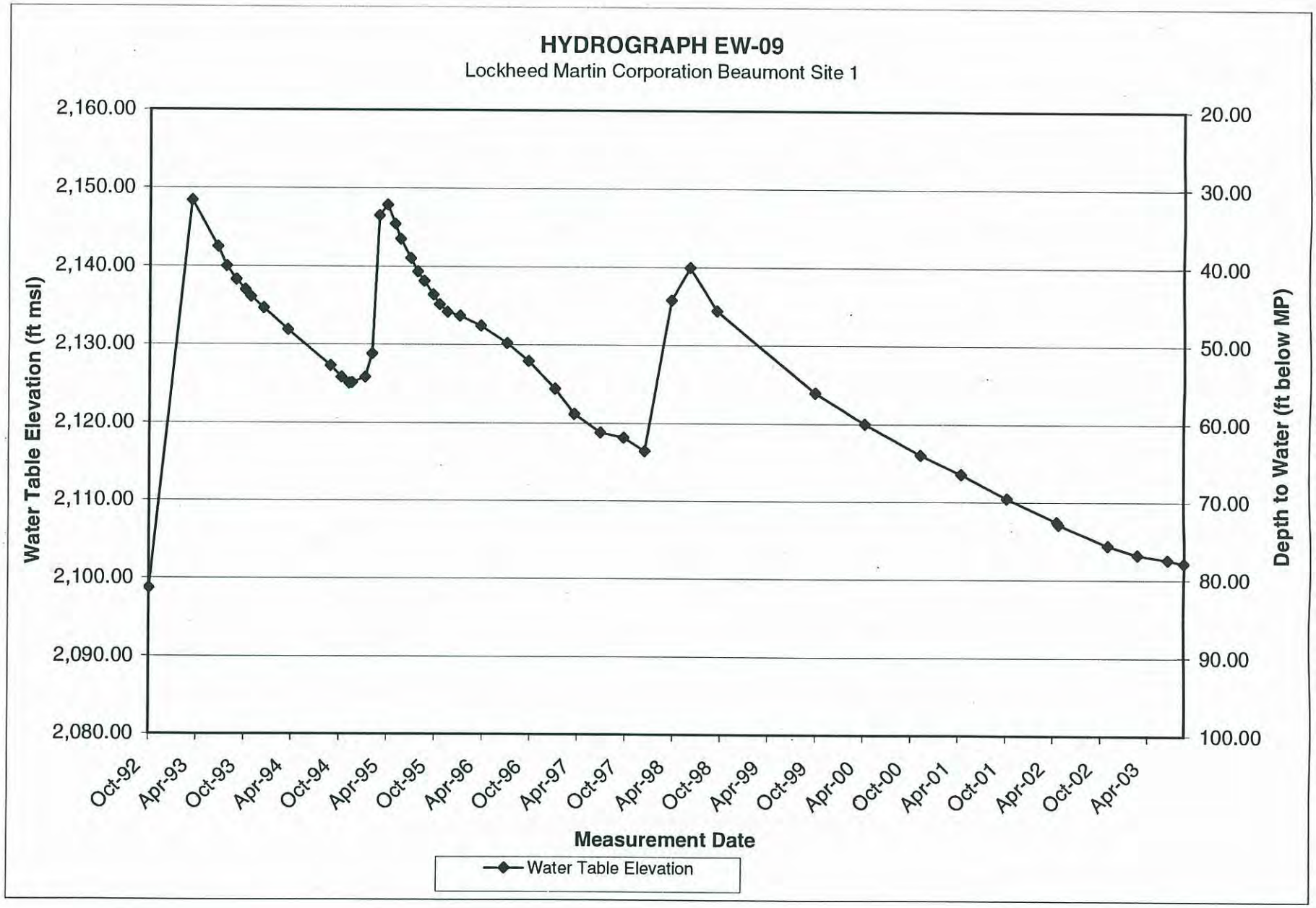
Lockheed Martin Corporation
Beaumont Hydrograph Well Cluster EW-15 and MW-31

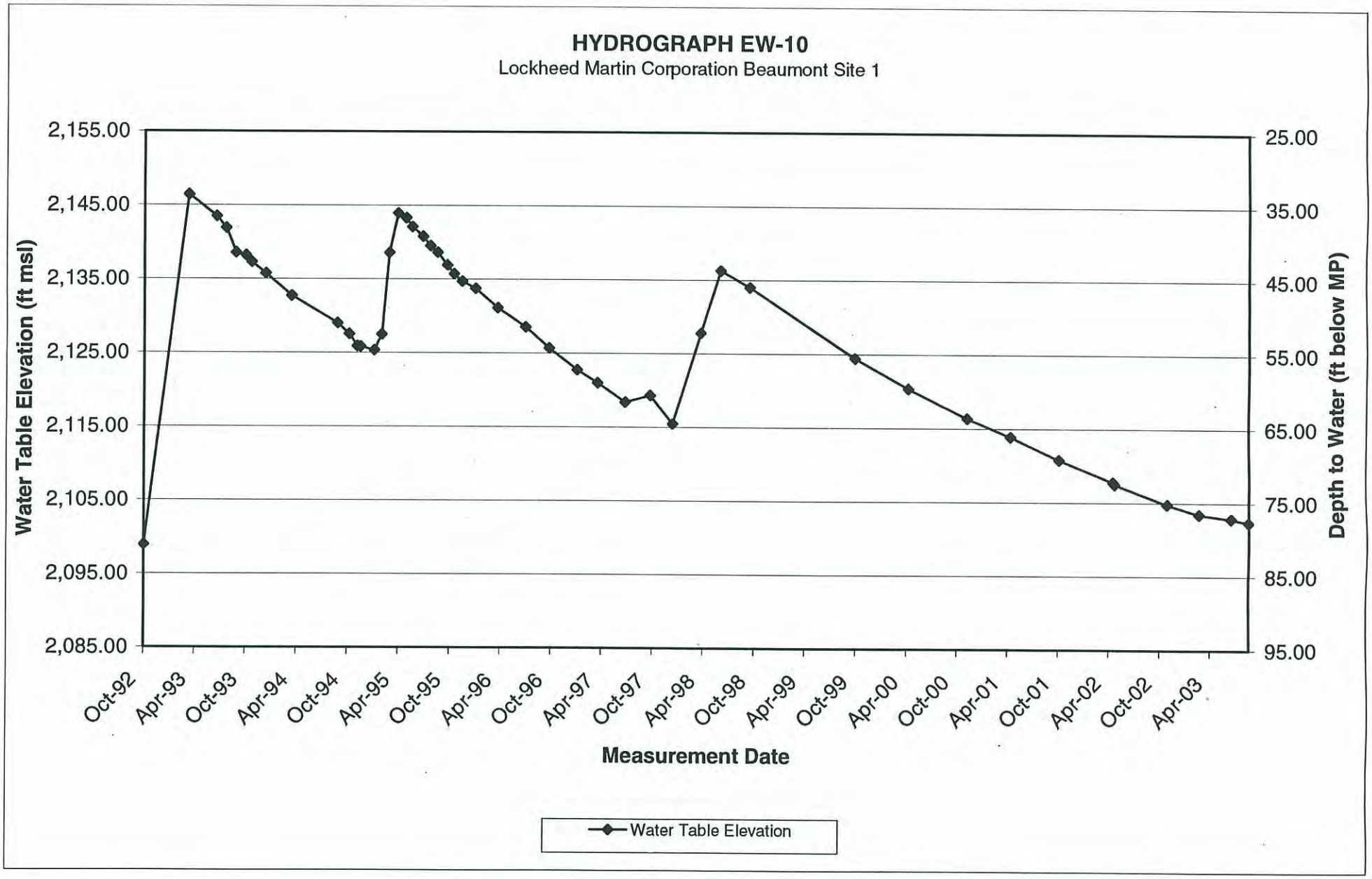


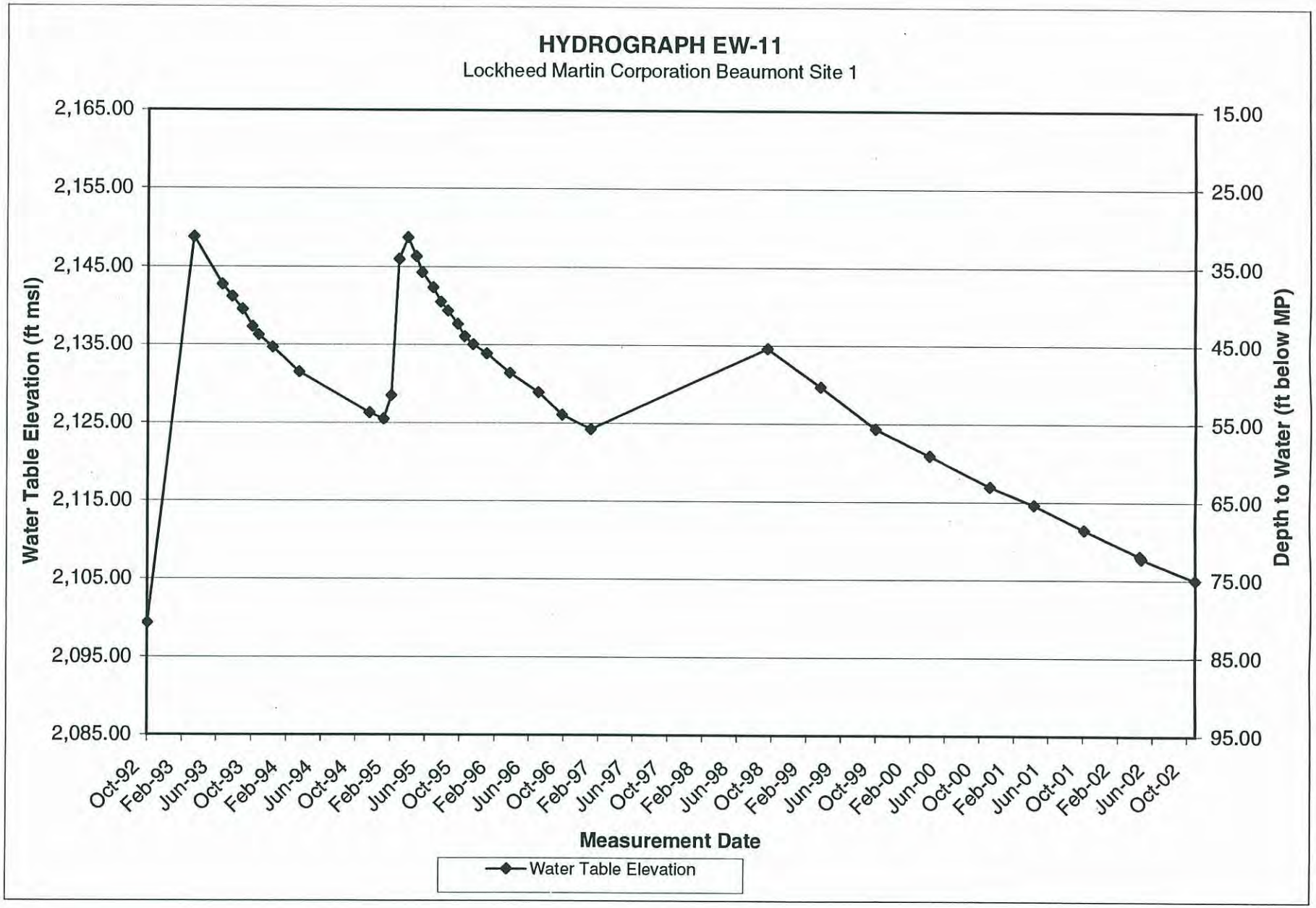

HYDROGRAPH EW-01
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
2,080.00
2,070.00
Depth to Water (ft below MP)
-10.00
0.00
10.00
20.00
30.00
40.00
50.00
60.00
70.00
Oct-92
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

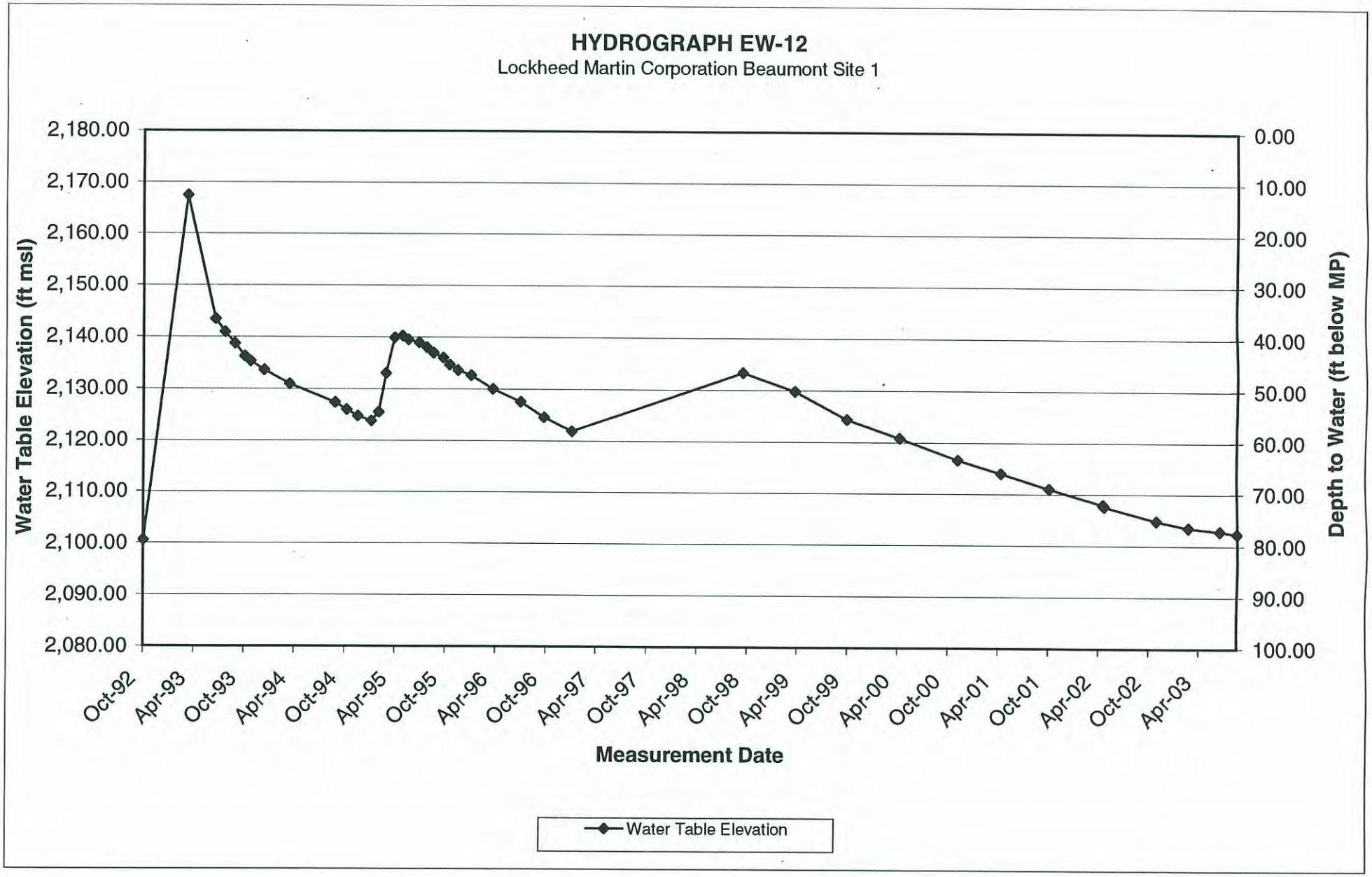

HYDROGRAPH EW-02
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,135.00
2,125.00
2,115.00
2,105.00
2,095.00
2,085.00
2,075.00
2,065.00
2,055.00
Depth to Water (ft below MP)
-10.00
0.00
10.00
20.00
30.00
40.00
50.00
60.00
70.00
Oct-92
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

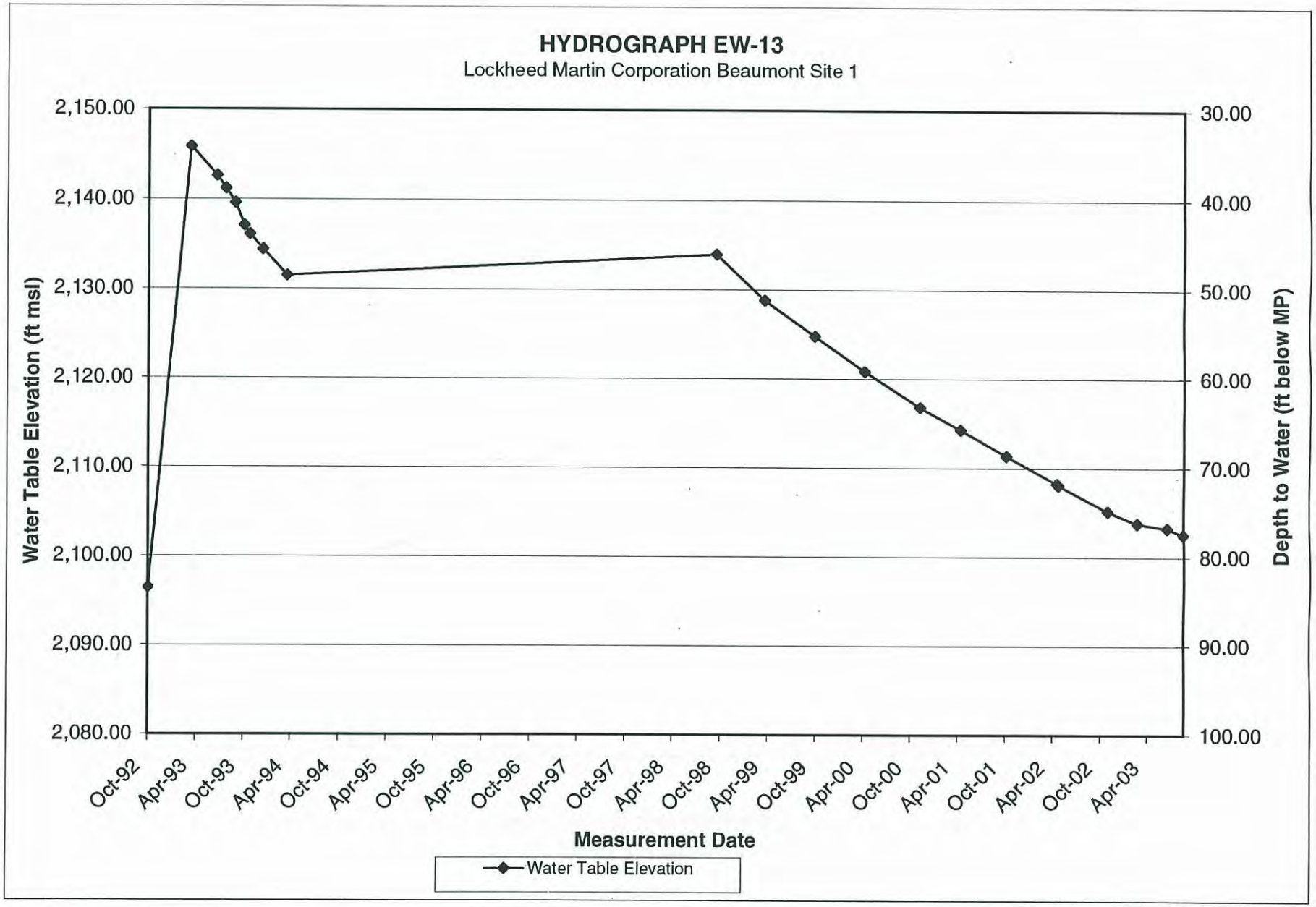

HYDROGRAPH EW-08
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,160.00
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
2,080.00
Depth to Water (ft below MP)
20.00
30.00
40.00
50.00
60.00
70.00
80.00
90.00
100.00
Oct-92
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

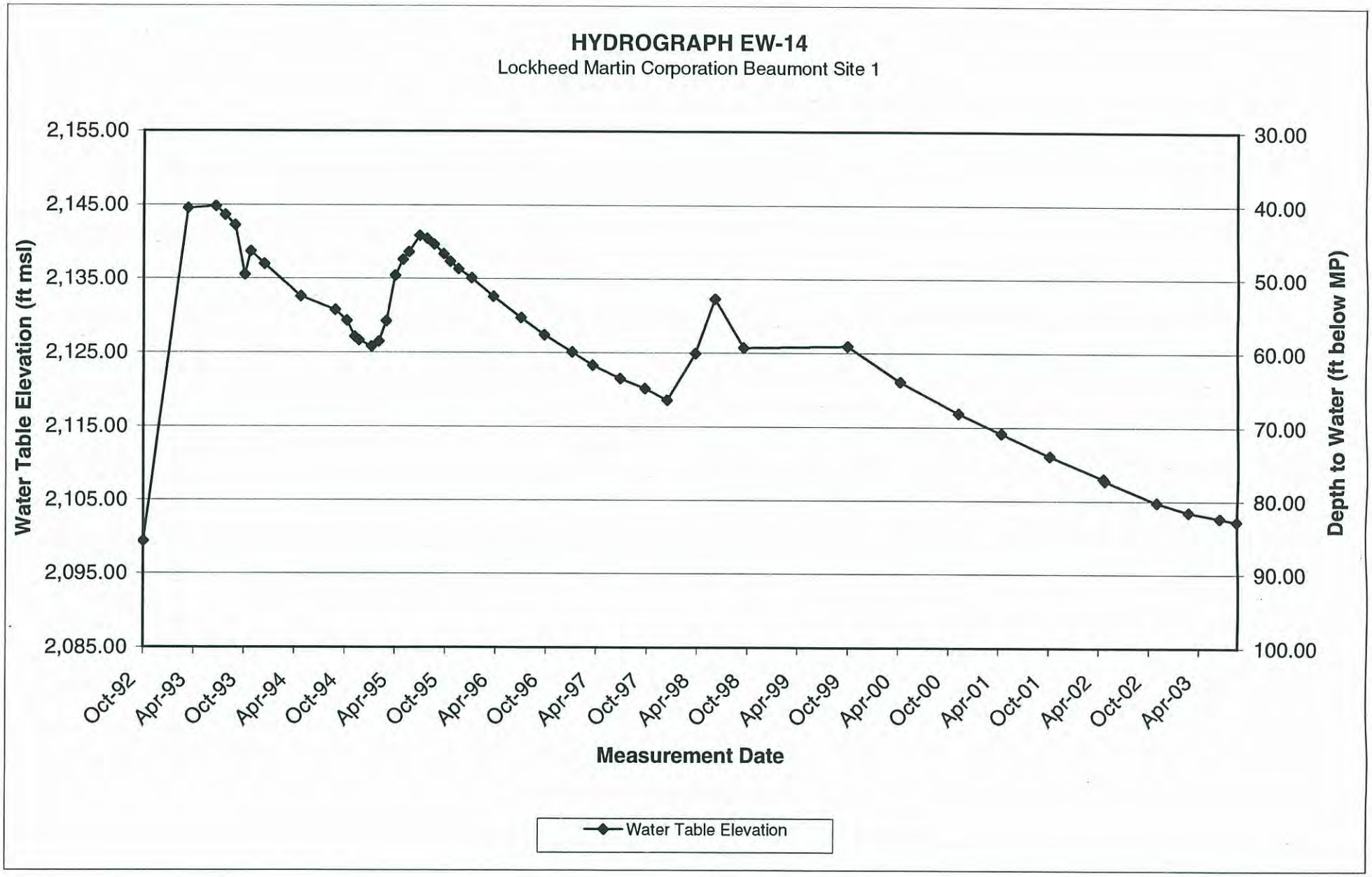

HYDROGRAPH EW-09
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,160.00
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
2,080.00
Depth to Water (ft below MP)
20.00
30.00
40.00
50.00
60.00
70.00
80.00
90.00
100.00
Oct-92
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

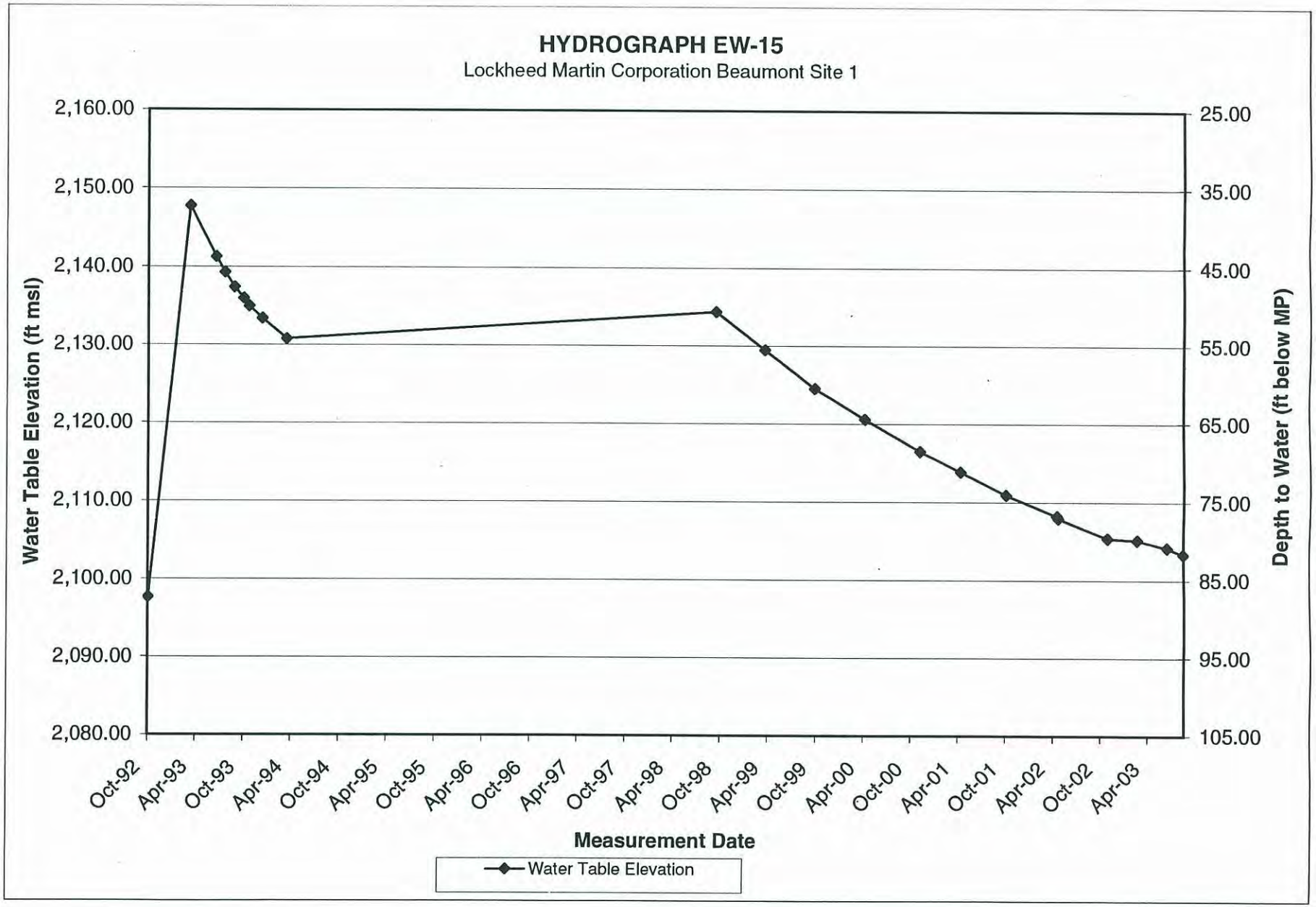

HYDROGRAPH EW-10
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,155.00
2,145.00
2,135.00
2,125.00
2,115.00
2,105.00
2,095.00
2,085.00
Depth to Water (ft below MP)
25.00
35.00
45.00
55.00
65.00
75.00
85.00
95.00
Oct-92
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

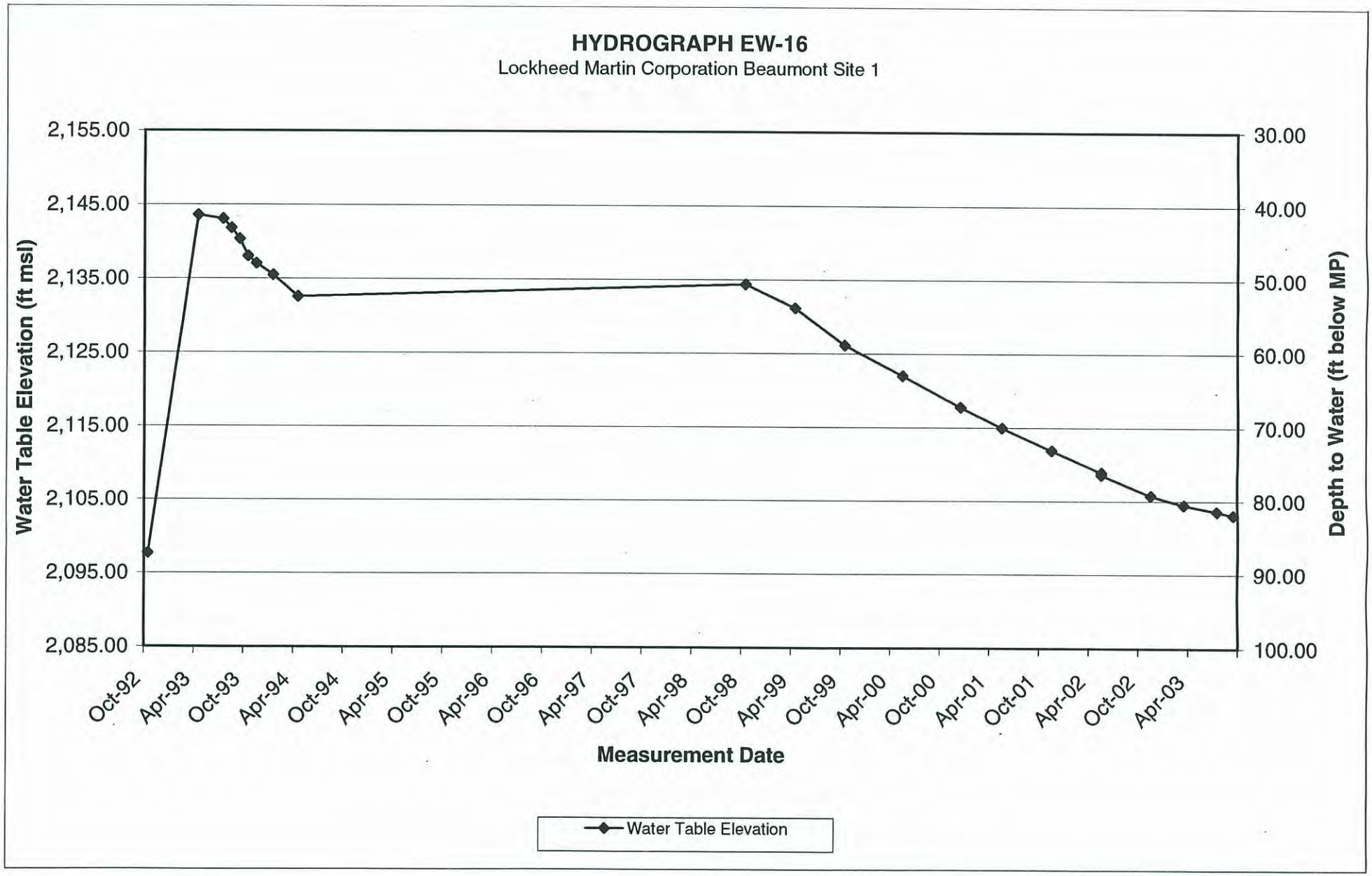

HYDROGRAPH EW-11
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,165.00
2,155.00
2,145.00
2,135.00
2,125.00
2,115.00
2,105.00
2,095.00
2,085.00
Depth to Water (ft below MP)
15.00
25.00
35.00
45.00
55.00
65.00
75.00
85.00
95.00
Oct-92
Feb-93
Jun-93
Oct-93
Feb-94
Jun-94
Oct-94
Feb-95
Jun-95
Oct-95
Feb-96
Jun-96
Oct-96
Feb-97
Jun-97
Oct-97
Feb-98
Jun-98
Oct-98
Feb-99
Jun-99
Oct-99
Feb-00
Jun-00
Oct-00
Feb-01
Jun-01
Oct-01
Feb-02
Jun-02
Oct-02
Measurement Date
Water Table Elevation

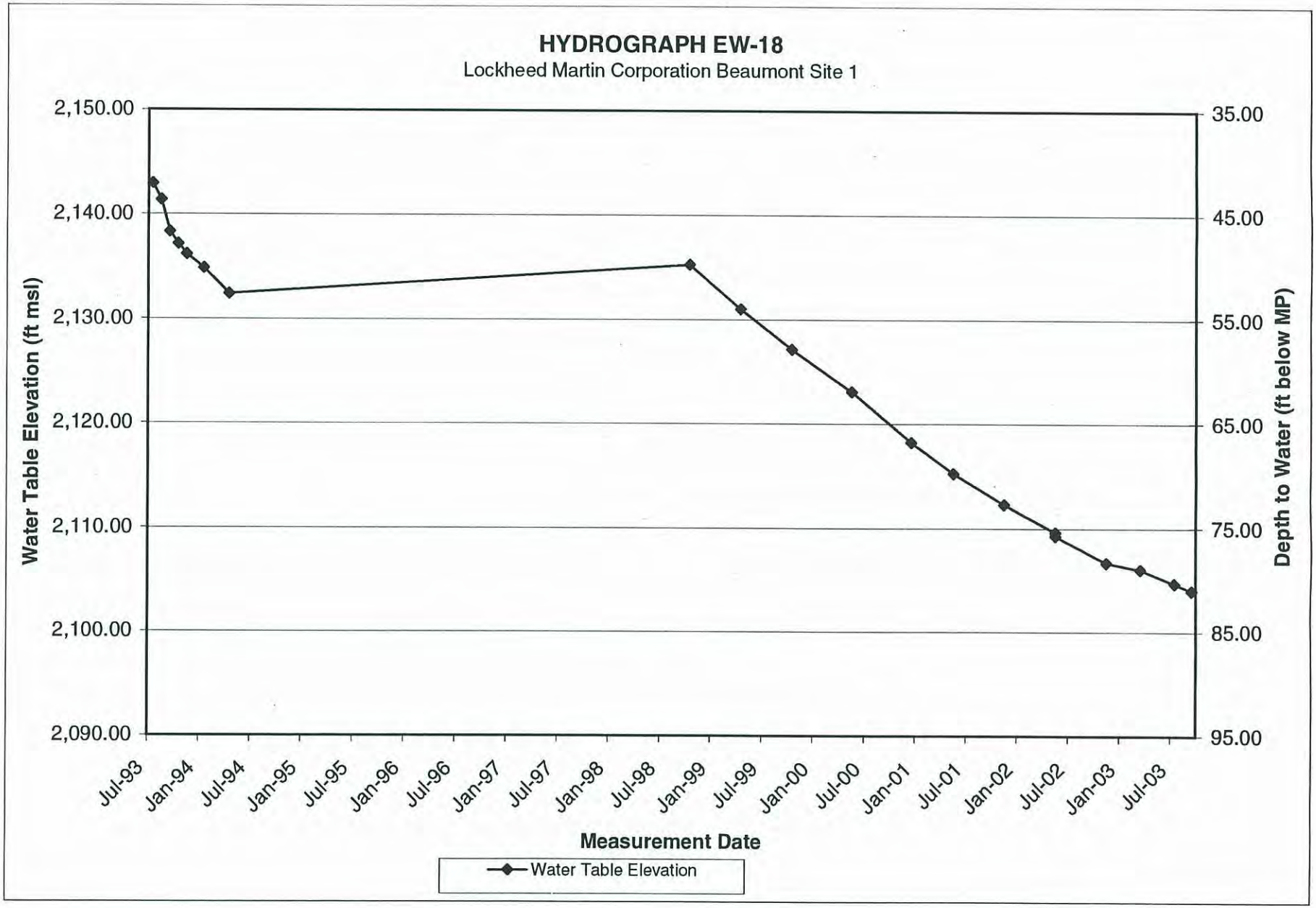

HYDROGRAPH EW-12
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,180.00
2,170.00
2,160.00
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
2,080.00
Depth to Water (ft below MP)
0.00
10.00
20.00
30.00
40.00
50.00
60.00
70.00
80.00
90.00
100.00
Oct-92
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

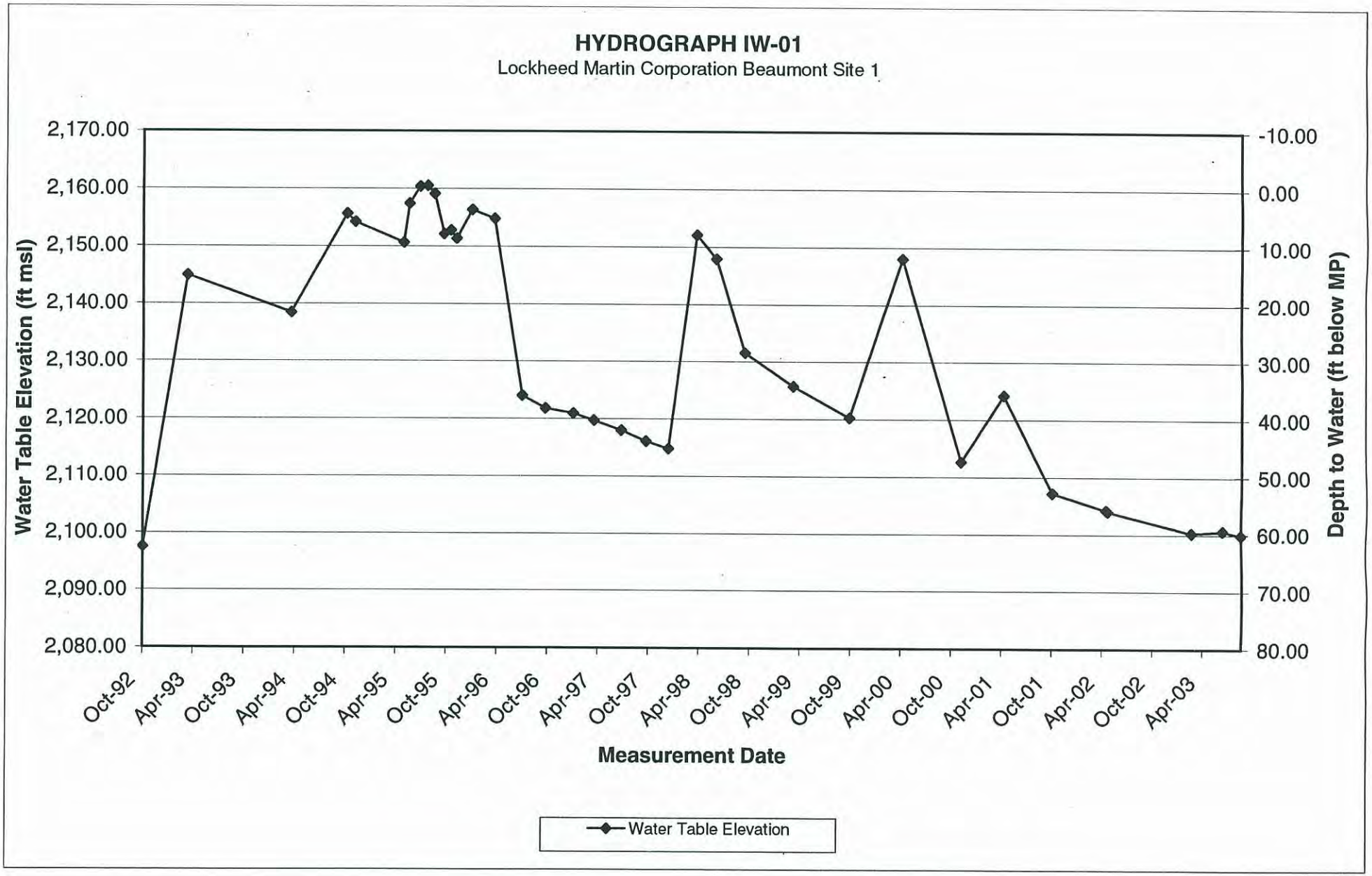

HYDROGRAPH EW-13
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
2,080.00
Depth to Water (ft below MP)
30.00
40.00
50.00
60.00
70.00
80.00
90.00
100.00
Oct-92
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

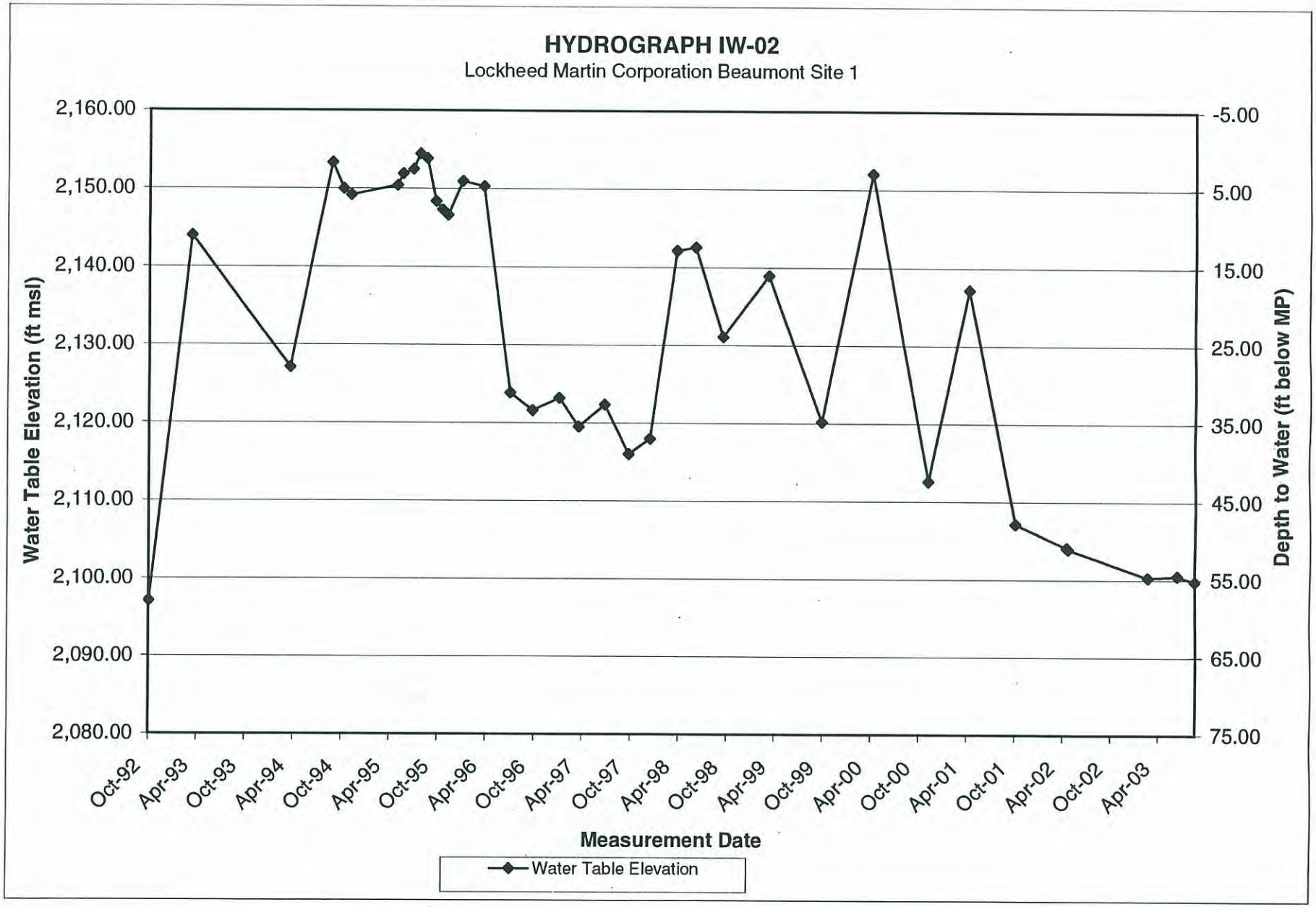

HYDROGRAPH EW-14
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,155.00
2,145.00
2,135.00
2,125.00
2,115.00
2,105.00
2,095.00
2,085.00
Depth to Water (ft below MP)
30.00
40.00
50.00
60.00
70.00
80.00
90.00
100.00
Oct-92
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

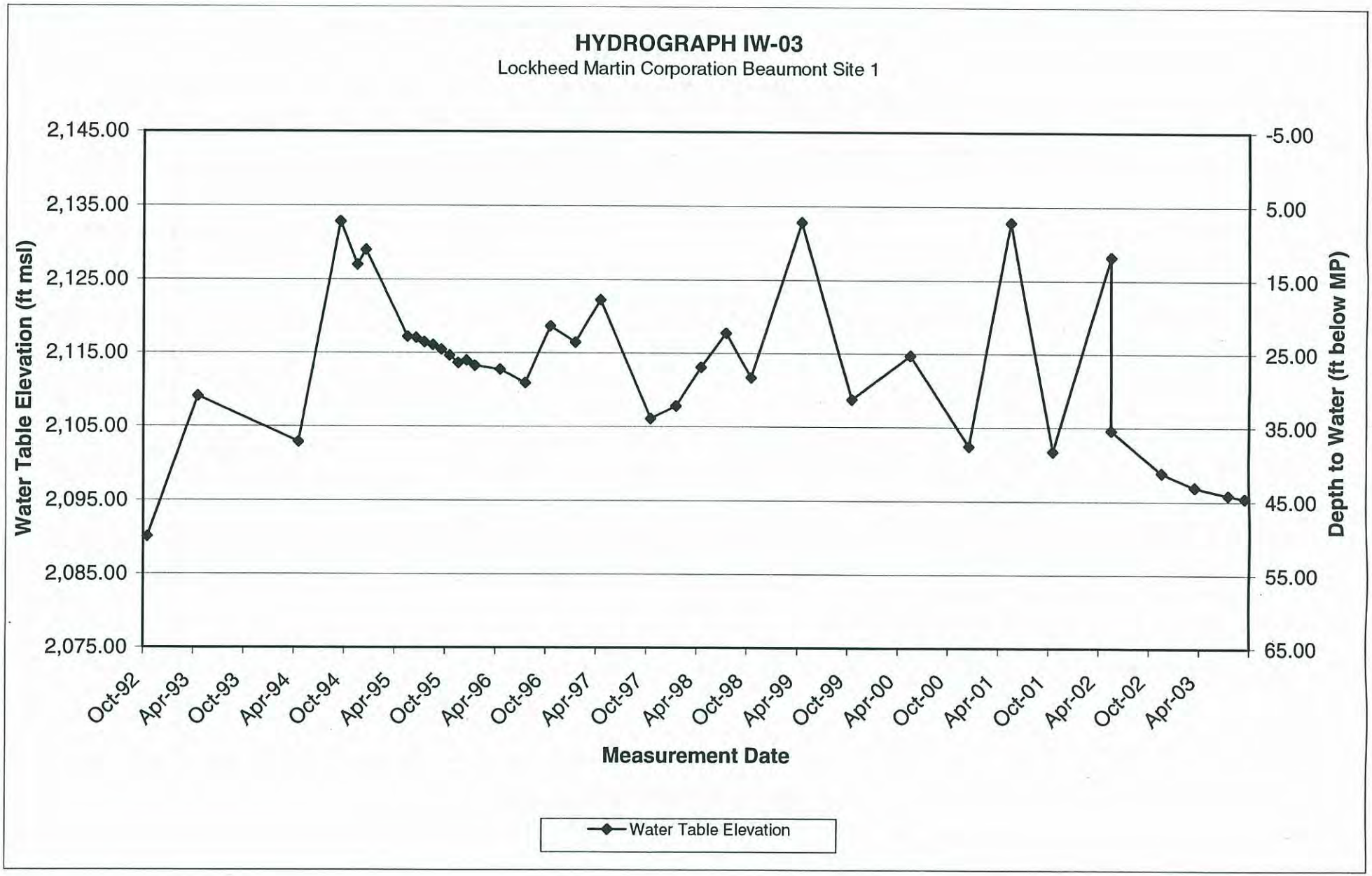

HYDROGRAPH EW-15
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,160.00
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
2,080.00
Depth to Water (ft below MP)
25.00
35.00
45.00
55.00
65.00
75.00
85.00
95.00
105.00
Oct-92
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

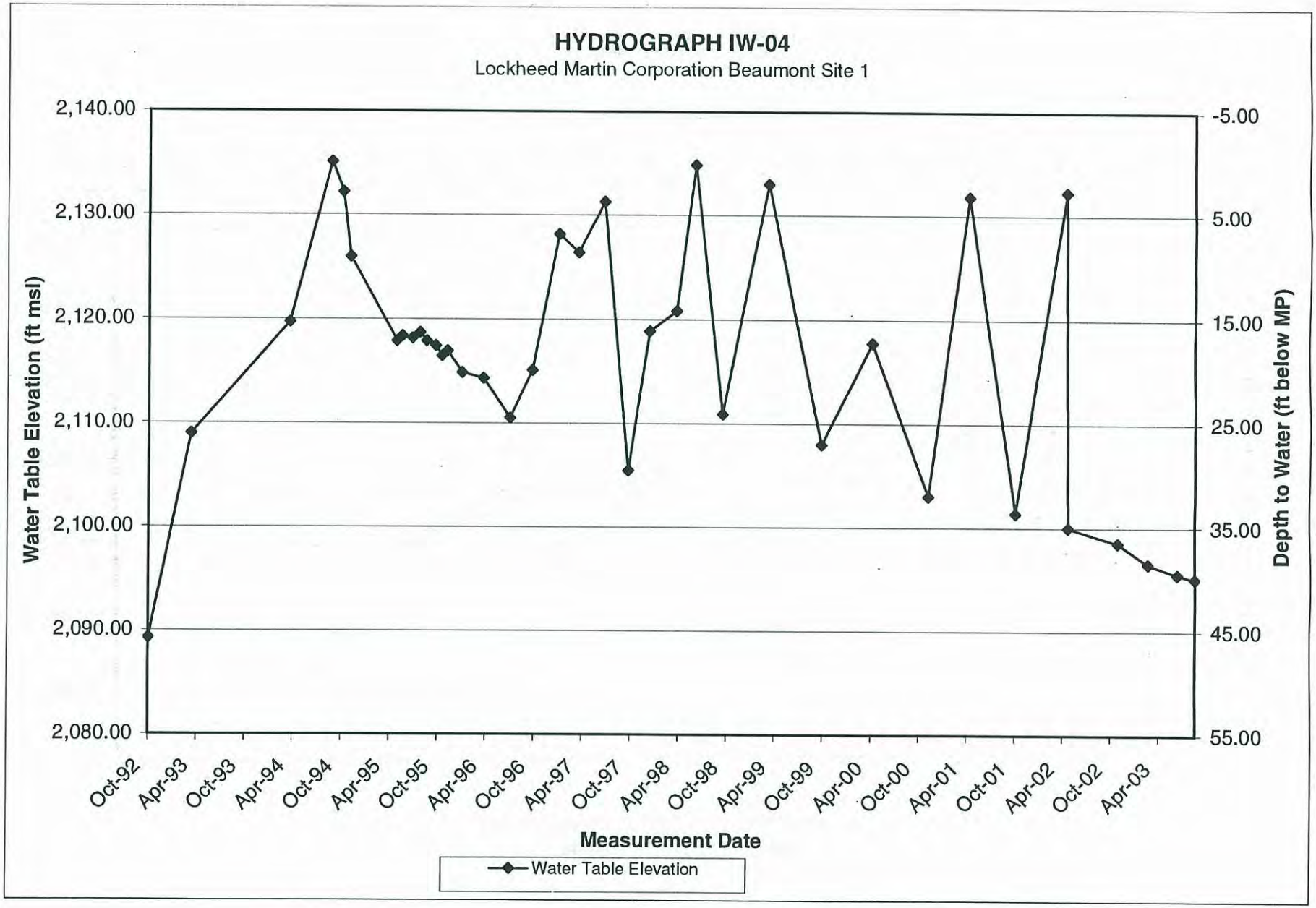

HYDROGRAPH EW-16
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,155.00
2,145.00
2,135.00
2,125.00
2,115.00
2,105.00
2,095.00
2,085.00
Depth to Water (ft below MP)
30.00
40.00
50.00
60.00
70.00
80.00
90.00
100.00
Oct-92
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

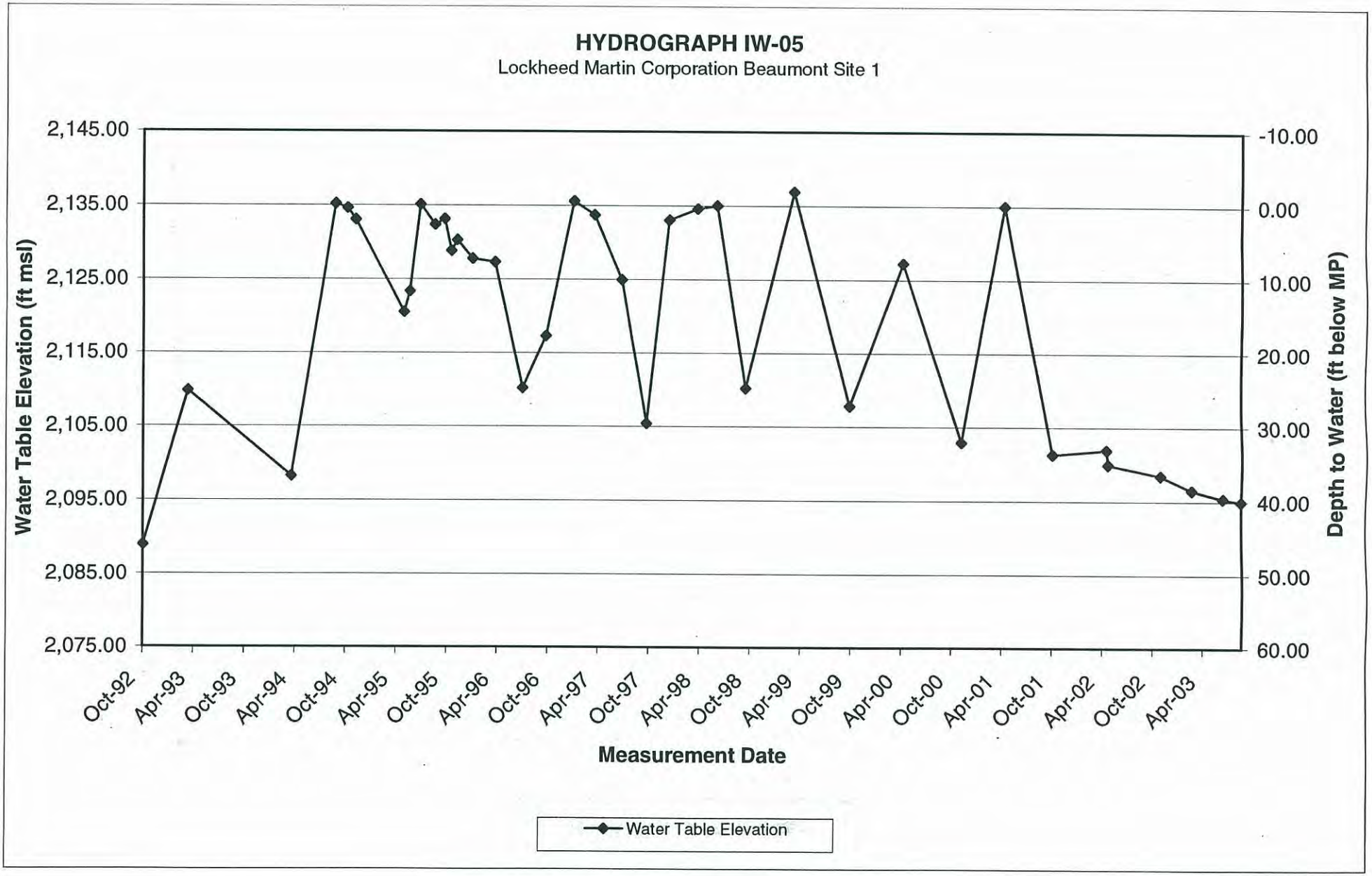

HYDROGRAPH EW-18
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
Depth to Water (ft below MP)
35.00
45.00
55.00
65.00
75.00
85.00
95.00
Jul-93
Jan-94
Jul-94
Jan-95
Jul-95
Jan-96
Jul-96
Jan-97
Jul-97
Jan-98
Jul-98
Jan-99
Jul-99
Jan-00
Jul-00
Jan-01
Jul-01
Jan-02
Jul-02
Jan-03
Jul-03
Measurement Date
Water Table Elevation

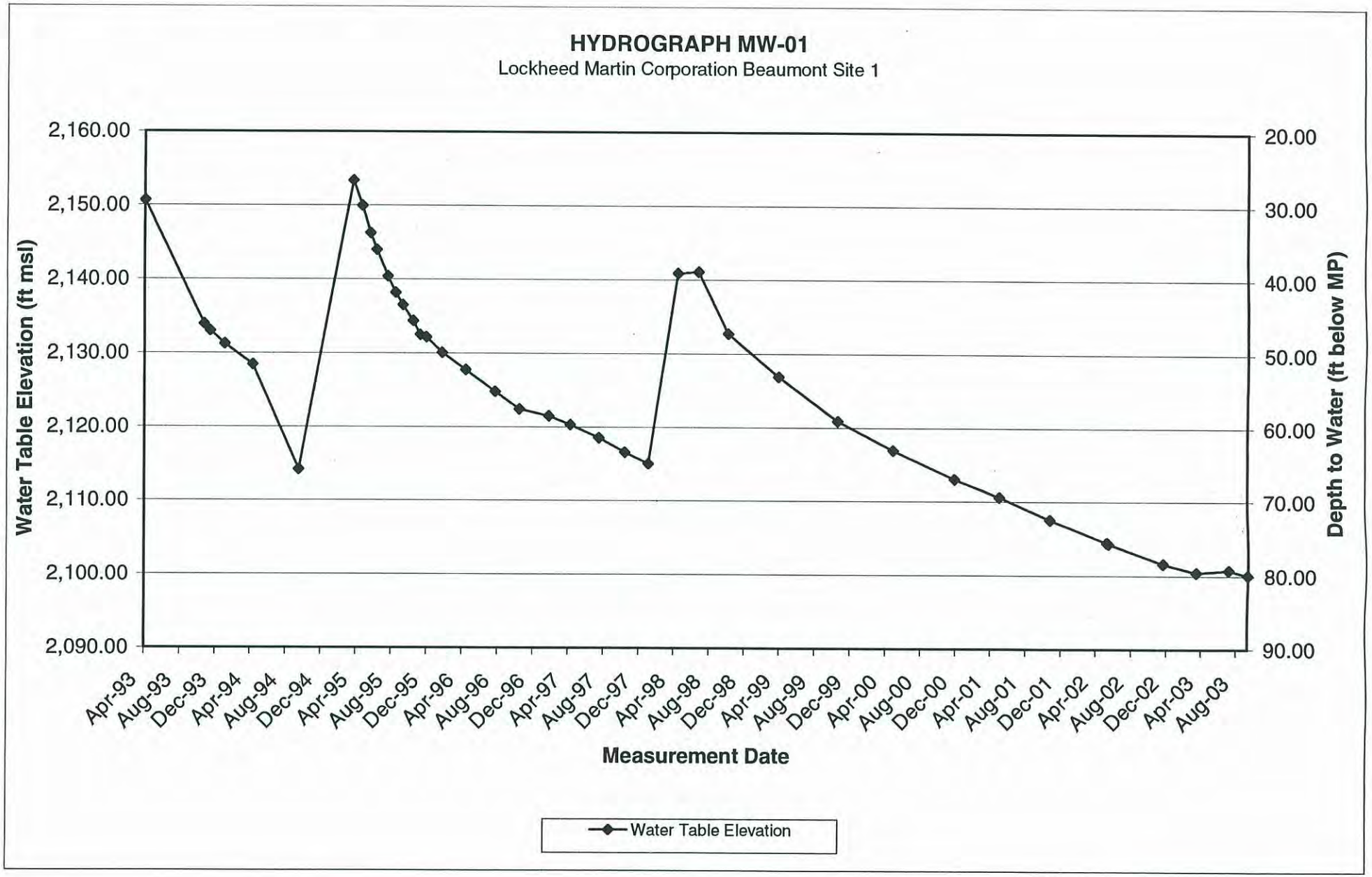

HYDROGRAPH IW-01
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,170.00
2,160.00
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
2,080.00
Depth to Water (ft below MP)
-10.00
0.00
10.00
20.00
30.00
40.00
50.00
60.00
70.00
80.00
Oct-92
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

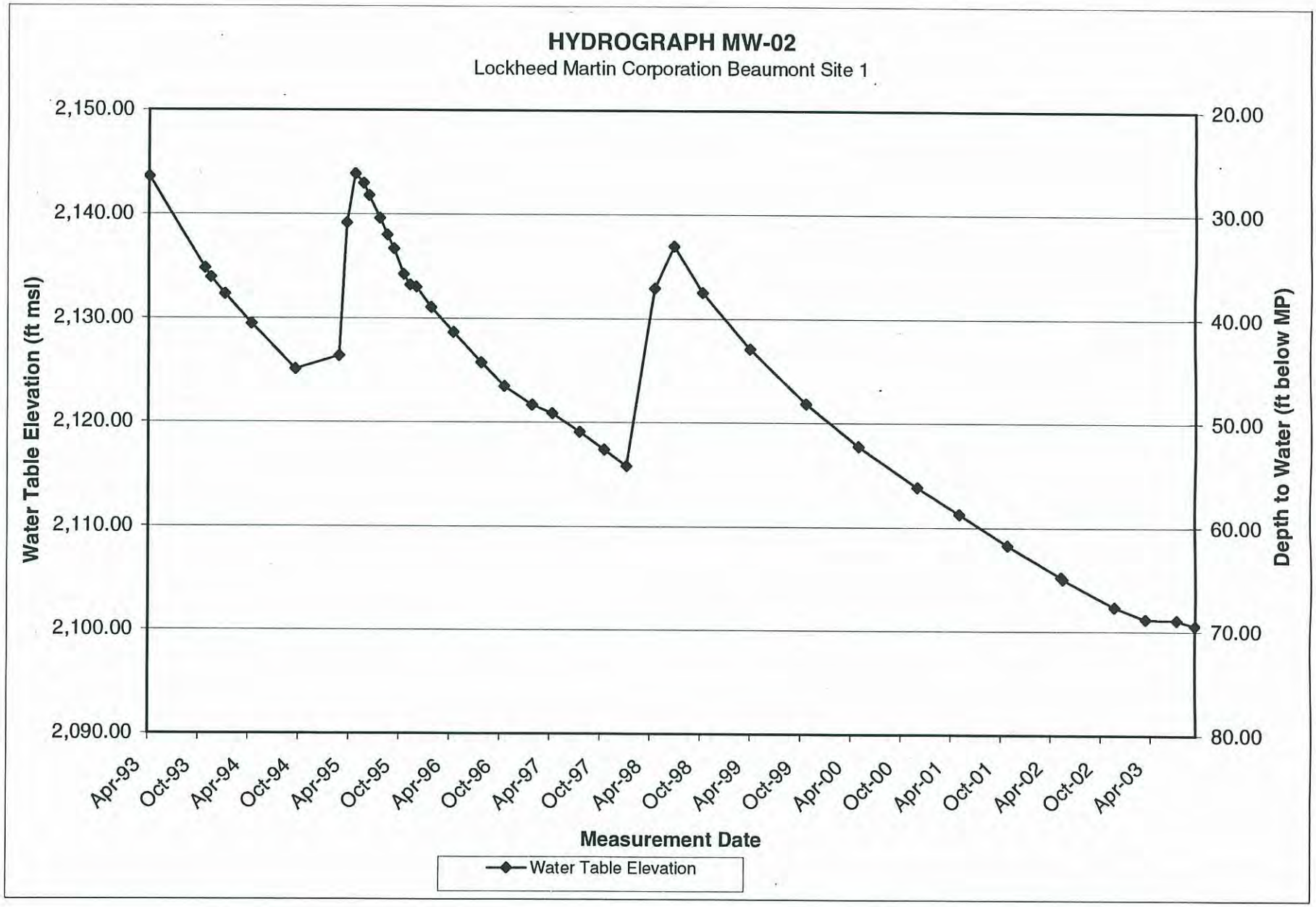

HYDROGRAPH IW-02
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,160.00
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
2,080.00
Depth to Water (ft below MP)
-5.00
5.00
15.00
25.00
35.00
45.00
55.00
65.00
75.00
Oct-92
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

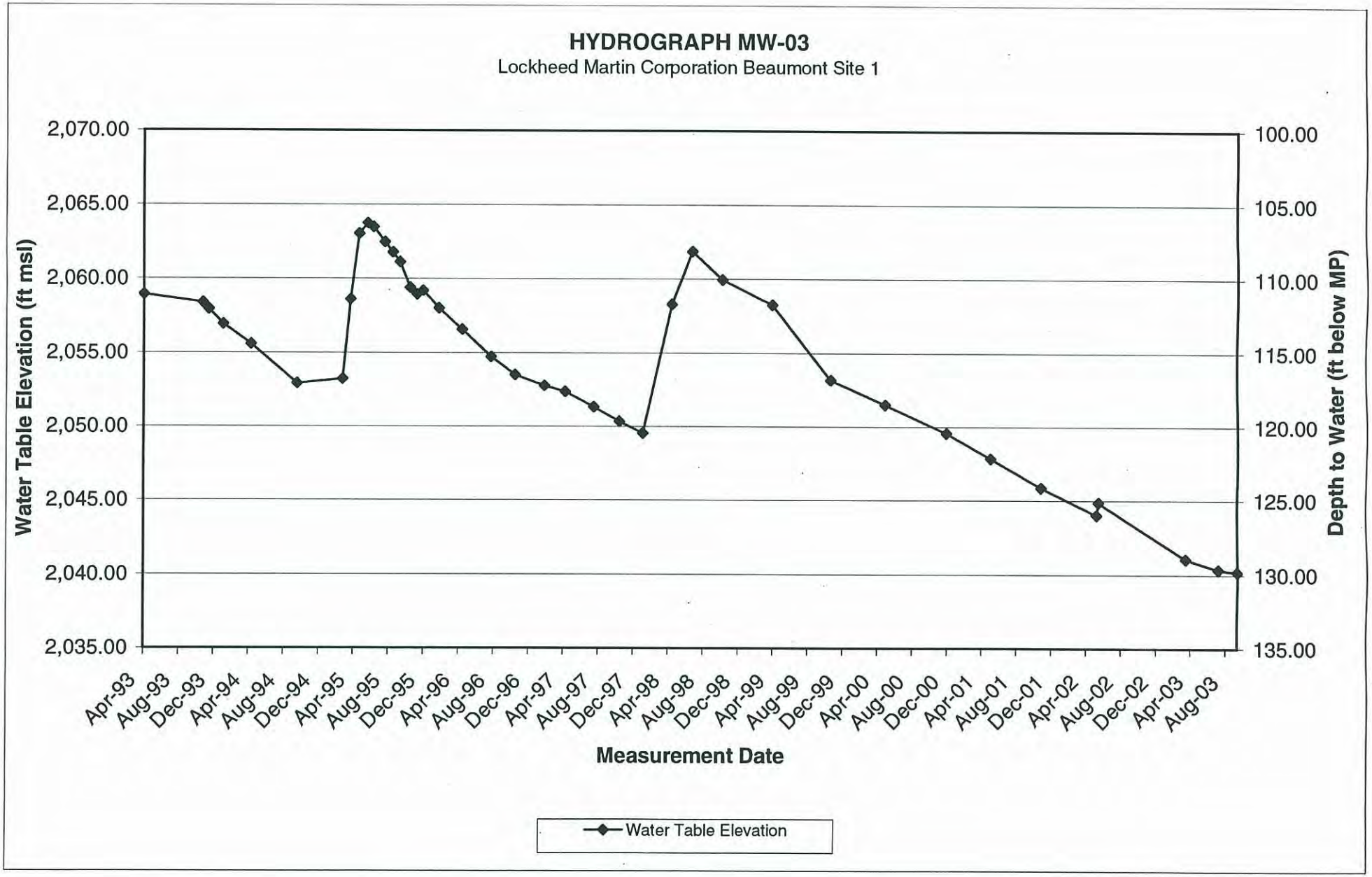

HYDROGRAPH IW-03
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,145.00
2,135.00
2,125.00
2,115.00
2,105.00
2,095.00
2,085.00
2,075.00
Depth to Water (ft below MP)
-5.00
5.00
15.00
25.00
35.00
45.00
55.00
65.00
Oct-92
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

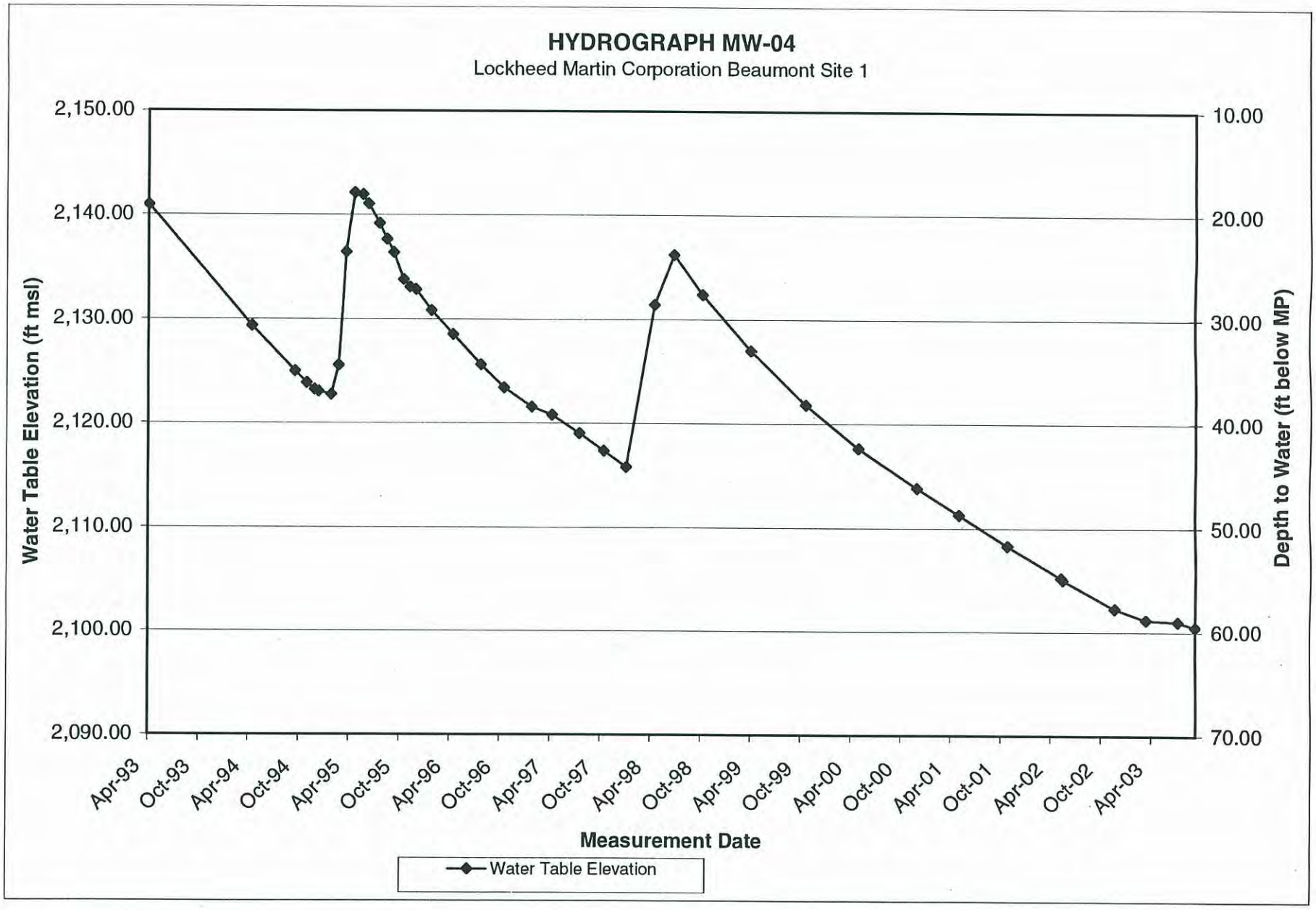

HYDROGRAPH IW-04
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
2,080.00
Depth to Water (ft below MP)
-5.00
5.00
15.00
25.00
35.00
45.00
55.00
Oct-92
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

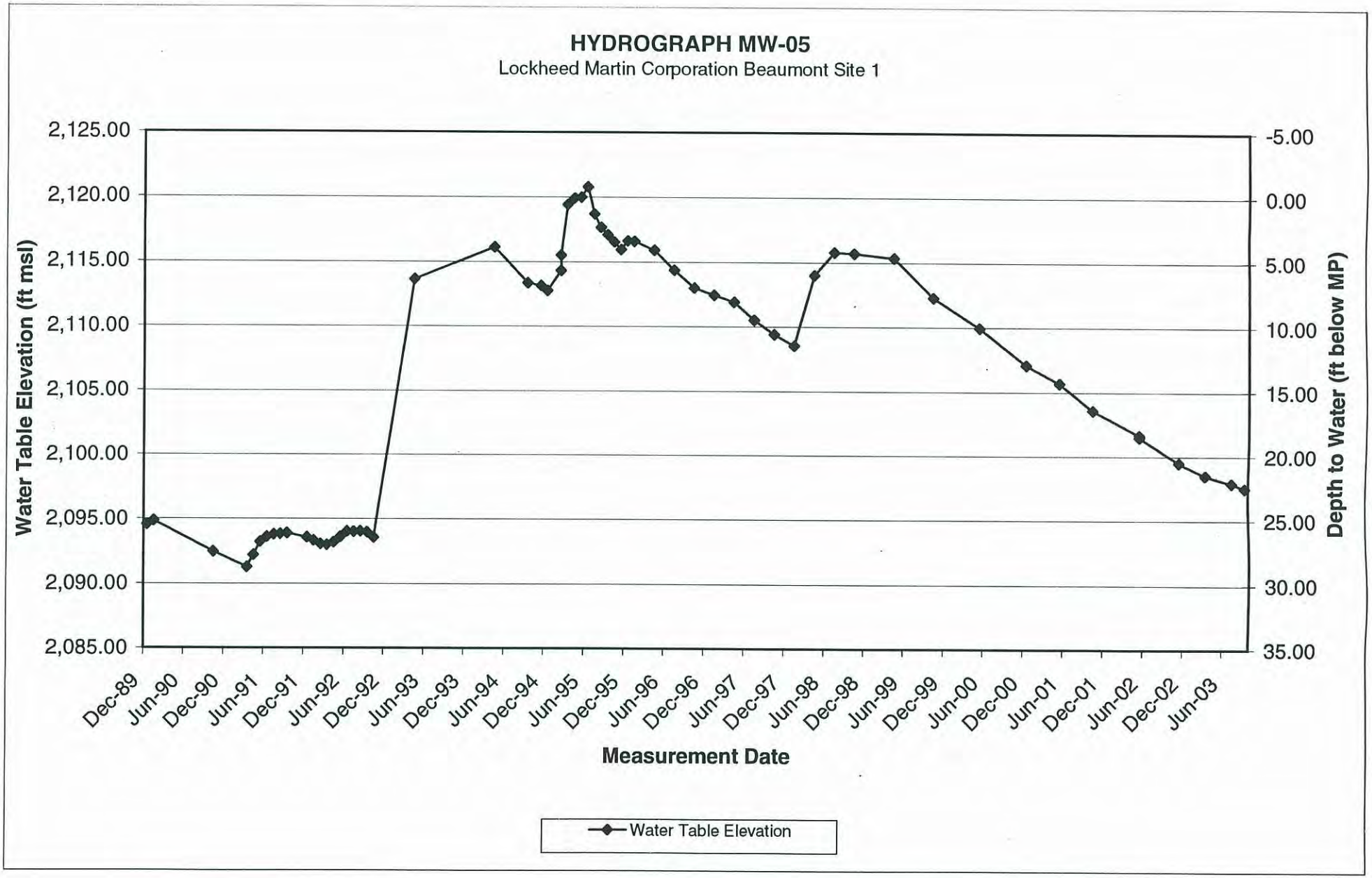

HYDROGRAPH IW-05
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,145.00
2,135.00
2,125.00
2,115.00
2,105.00
2,095.00
2,085.00
2,075.00
Depth to Water (ft below MP)
-10.00
0.00
10.00
20.00
30.00
40.00
50.00
60.00
Oct-92
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

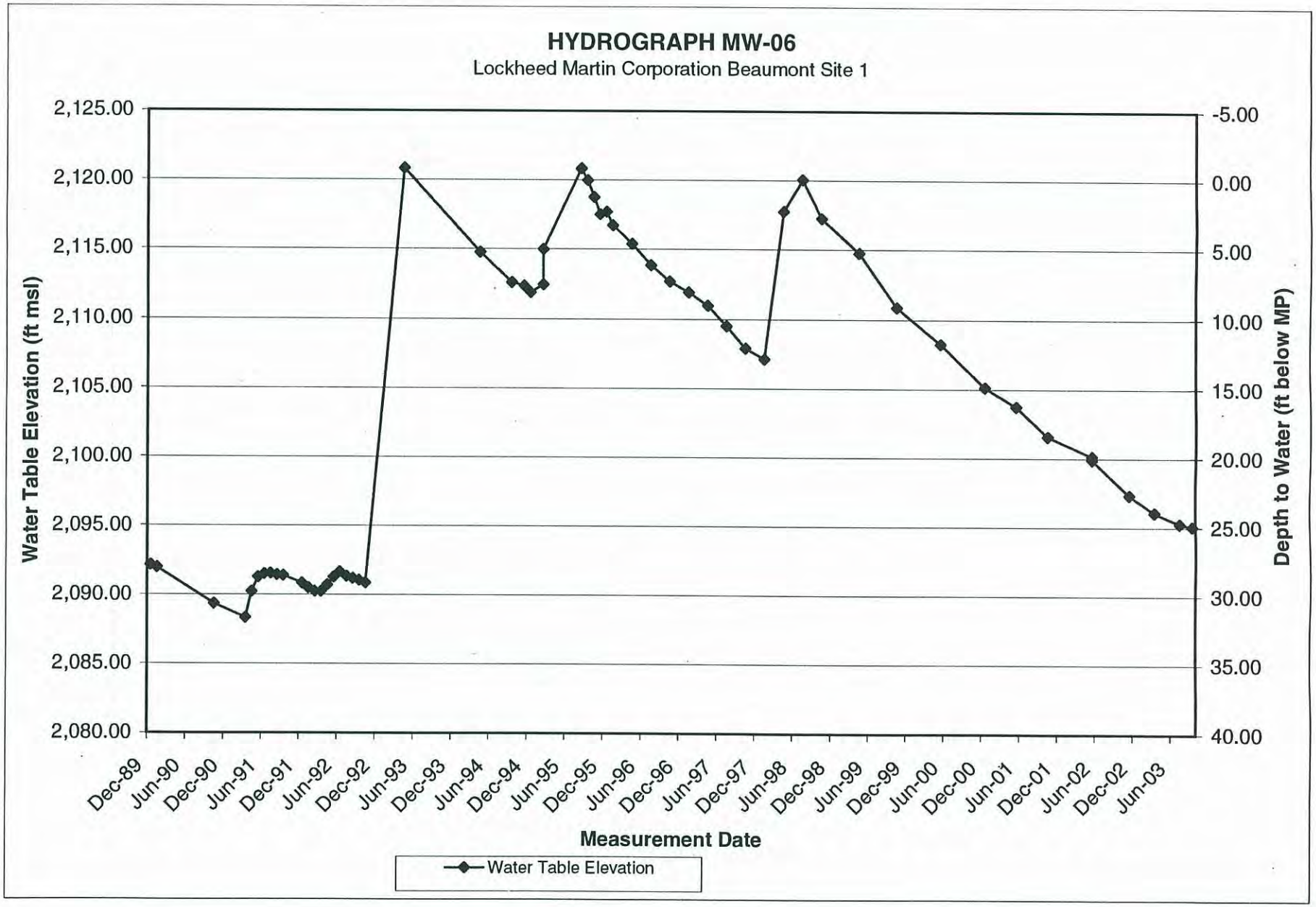

HYDROGRAPH MW-01
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,160.00
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
Depth to Water (ft below MP)
20.00
30.00
40.00
50.00
60.00
70.00
80.00
90.00
Apr-93
Aug-93
Dec-93
Apr-94
Aug-94
Dec-94
Apr-95
Aug-95
Dec-95
Apr-96
Aug-96
Dec-96
Apr-97
Aug-97
Dec-97
Apr-98
Aug-98
Dec-98
Apr-99
Aug-99
Dec-99
Apr-00
Aug-00
Dec-00
Apr-01
Aug-01
Dec-01
Apr-02
Aug-02
Dec-02
Apr-03
Aug-03
Measurement Date
Water Table Elevation

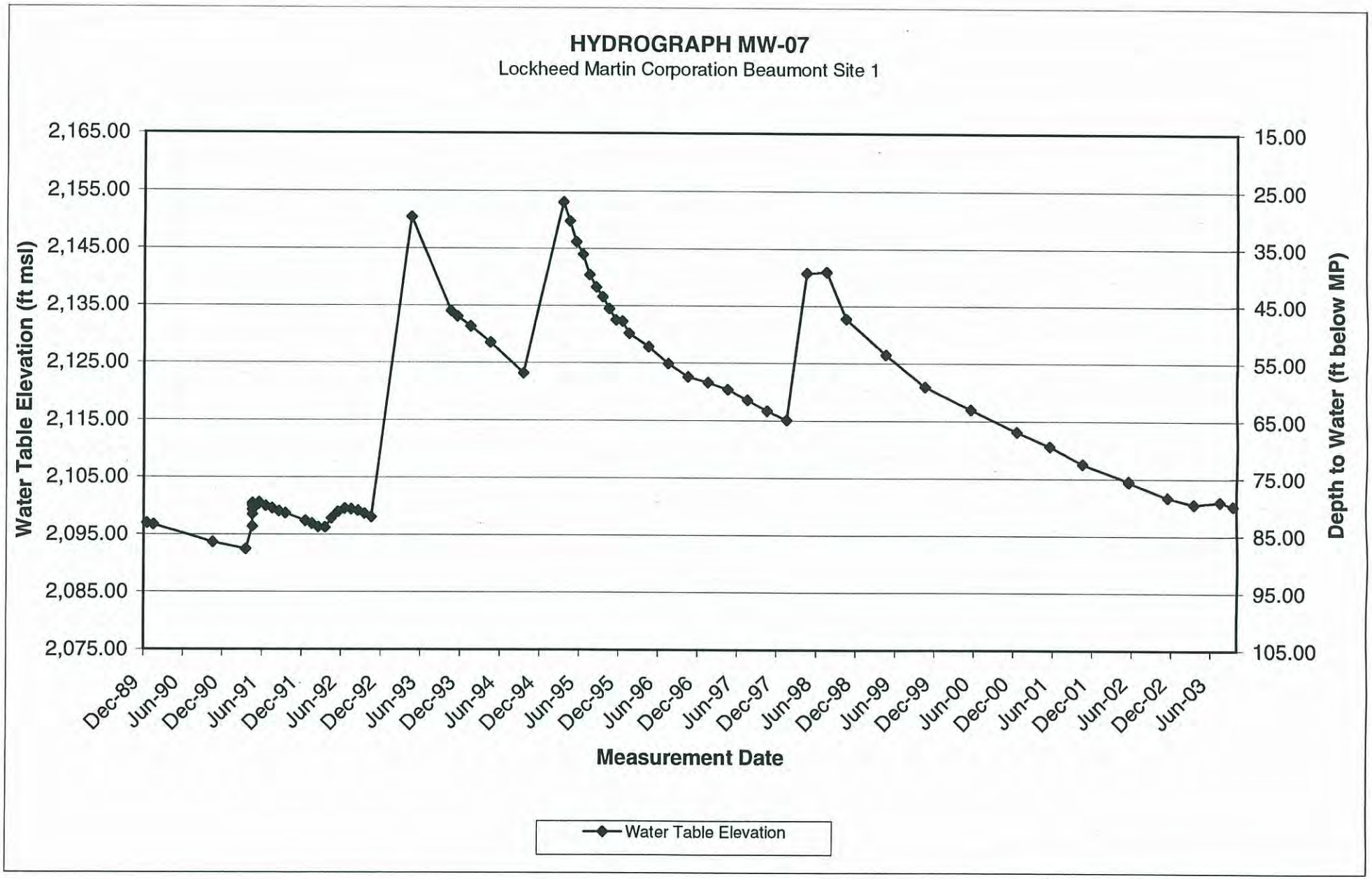

HYDROGRAPH MW-02
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
Depth to Water (ft below MP)
20.00
30.00
40.00
50.00
60.00
70.00
80.00
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

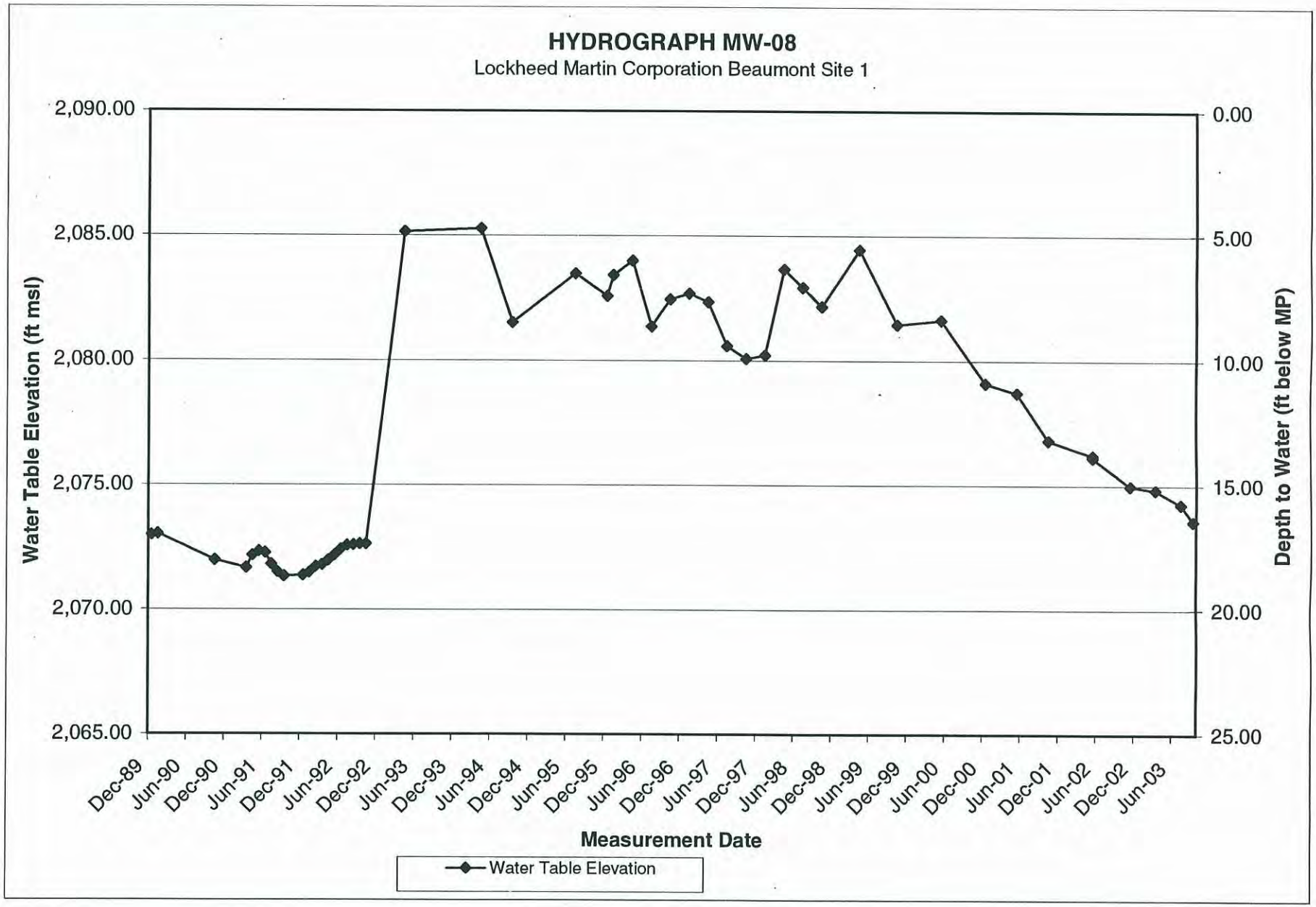

HYDROGRAPH MW-03
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,070.00
2,065.00
2,060.00
2,055.00
2,050.00
2,045.00
2,040.00
2,035.00
Depth to Water (ft below MP)
100.00
105.00
110.00
115.00
120.00
125.00
130.00
135.00
Apr-93
Aug-93
Dec-93
Apr-94
Aug-94
Dec-94
Apr-95
Aug-95
Dec-95
Apr-96
Aug-96
Dec-96
Apr-97
Aug-97
Dec-97
Apr-98
Aug-98
Dec-98
Apr-99
Aug-99
Dec-99
Apr-00
Aug-00
Dec-00
Apr-01
Aug-01
Dec-01
Apr-02
Aug-02
Dec-02
Apr-03
Aug-03
Measurement Date
Water Table Elevation

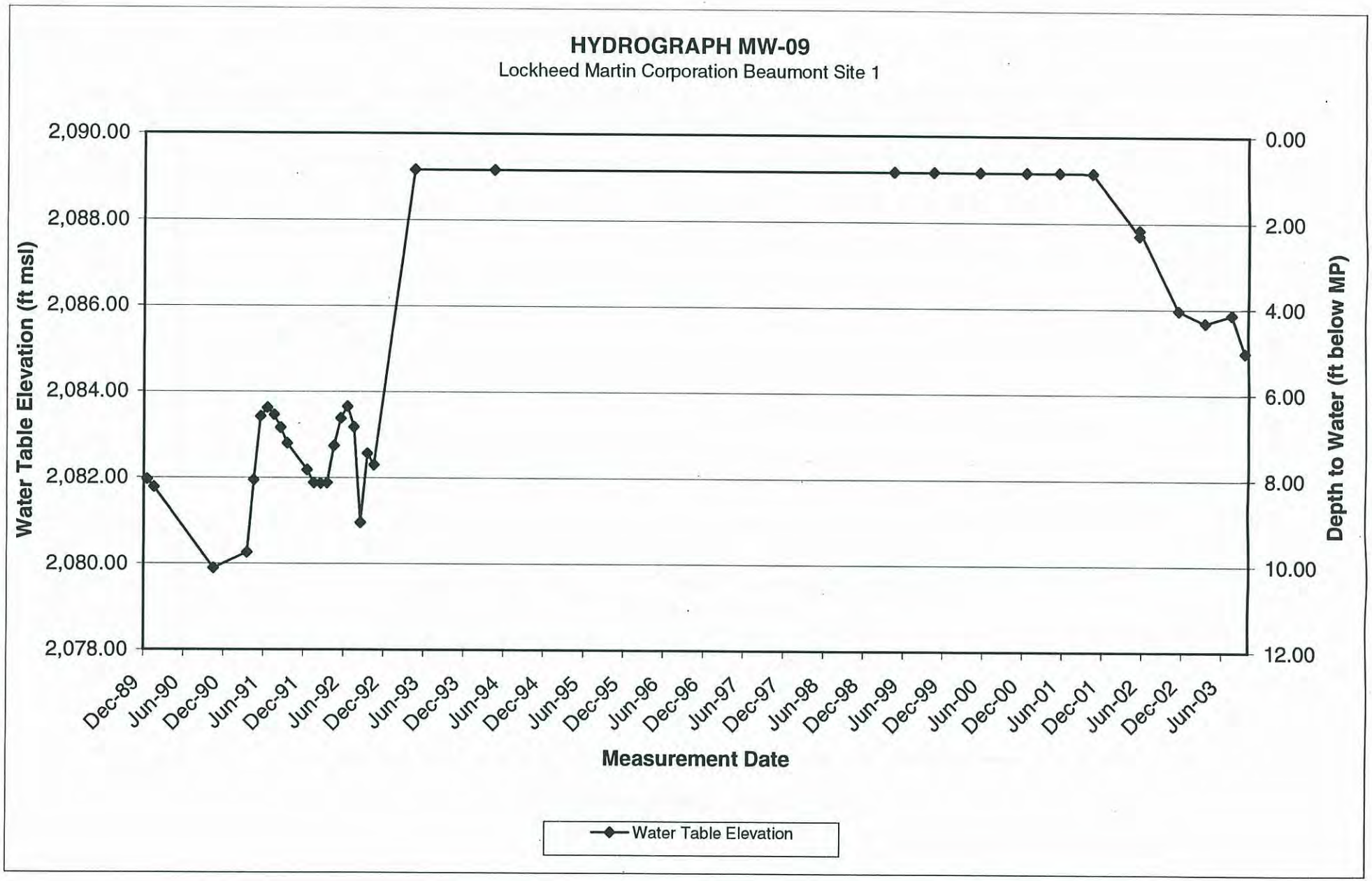

HYDROGRAPH MW-04
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
Depth to Water (ft below MP)
10.00
20.00
30.00
40.00
50.00
60.00
70.00
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

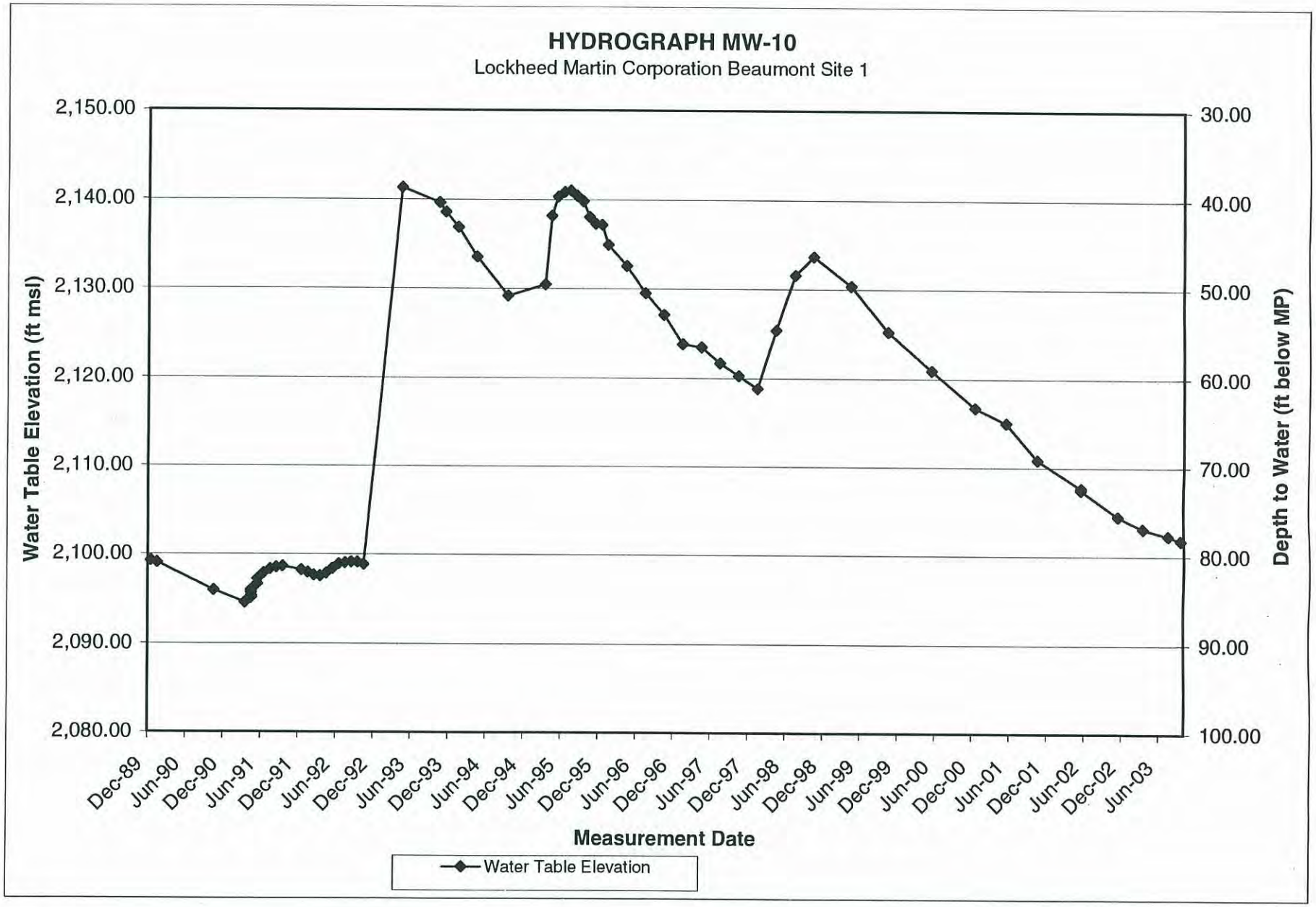

HYDROGRAPH MW-05
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,125.00
2,120.00
2,115.00
2,110.00
2,105.00
2,100.00
2,095.00
2,090.00
2,085.00
Depth to Water (ft below MP)
-5.00
0.00
5.00
10.00
15.00
20.00
25.00
30.00
35.00
Dec-89
Jun-90
Dec-90
Jun-91
Dec-91
Jun-92
Dec-92
Jun-93
Dec-93
Jun-94
Dec-94
Jun-95
Dec-95
Jun-96
Dec-96
Jun-97
Dec-97
Jun-98
Dec-98
Jun-99
Dec-99
Jun-00
Dec-00
Jun-01
Dec-01
Jun-02
Dec-02
Jun-03
Measurement Date
Water Table Elevation

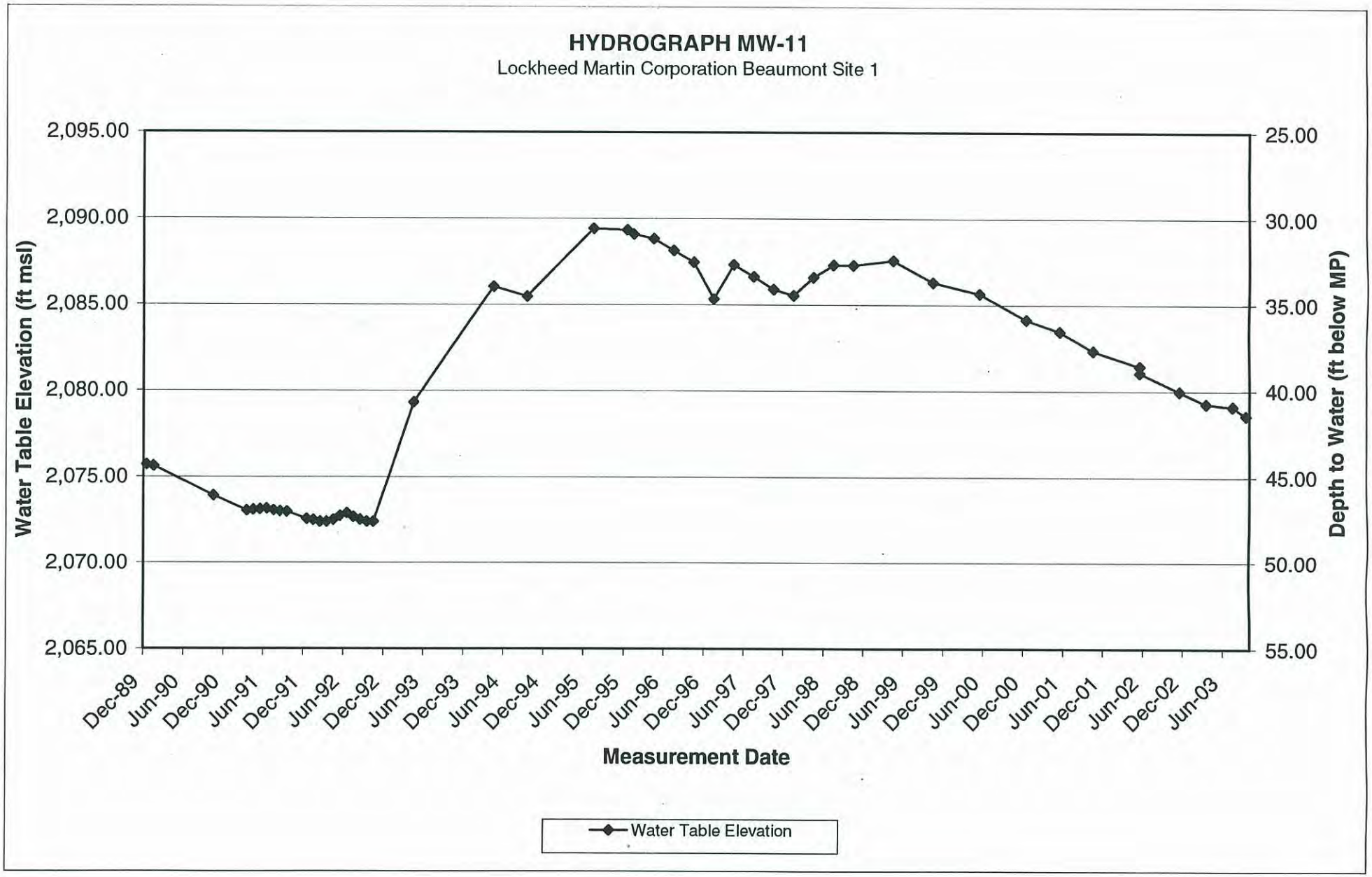

HYDROGRAPH MW-06
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,125.00
2,120.00
2,115.00
2,110.00
2,105.00
2,100.00
2,095.00
2,090.00
2,085.00
2,080.00
Depth to Water (ft below MP)
-5.00
0.00
5.00
10.00
15.00
20.00
25.00
30.00
35.00
40.00
Dec-89
Jun-90
Dec-90
Jun-91
Dec-91
Jun-92
Dec-92
Jun-93
Dec-93
Jun-94
Dec-94
Jun-95
Dec-95
Jun-96
Dec-96
Jun-97
Dec-97
Jun-98
Dec-98
Jun-99
Dec-99
Jun-00
Dec-00
Jun-01
Dec-01
Jun-02
Dec-02
Jun-03
Measurement Date
Water Table Elevation

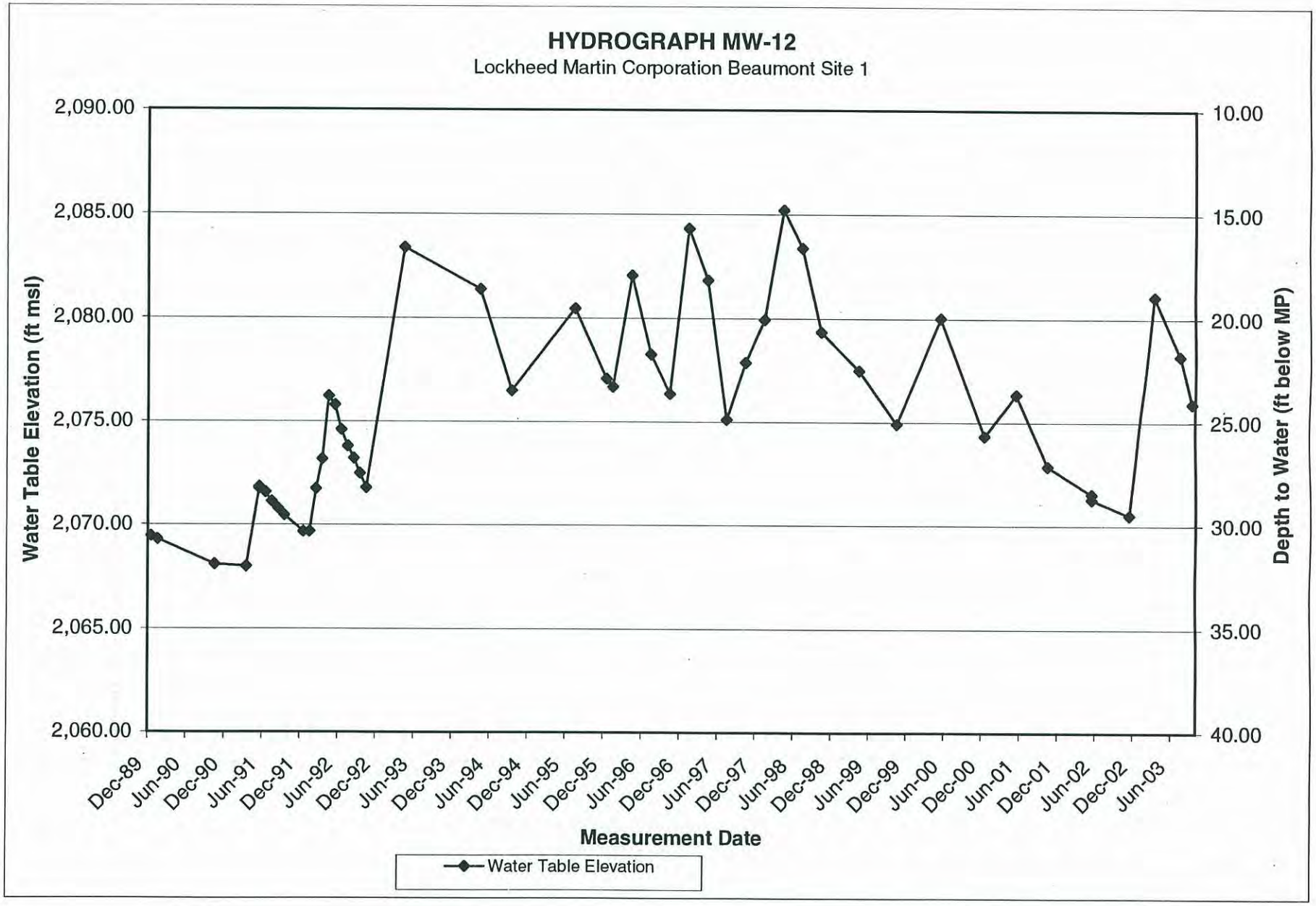

HYDROGRAPH MW-07
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,165.00
2,155.00
2,145.00
2,135.00
2,125.00
2,115.00
2,105.00
2,095.00
2,085.00
2,075.00
Depth to Water (ft below MP)
15.00
25.00
35.00
45.00
55.00
65.00
75.00
85.00
95.00
105.00
Dec-89
Jun-90
Dec-90
Jun-91
Dec-91
Jun-92
Dec-92
Jun-93
Dec-93
Jun-94
Dec-94
Jun-95
Dec-95
Jun-96
Dec-96
Jun-97
Dec-97
Jun-98
Dec-98
Jun-99
Dec-99
Jun-00
Dec-00
Jun-01
Dec-01
Jun-02
Dec-02
Jun-03
Measurement Date
Water Table Elevation

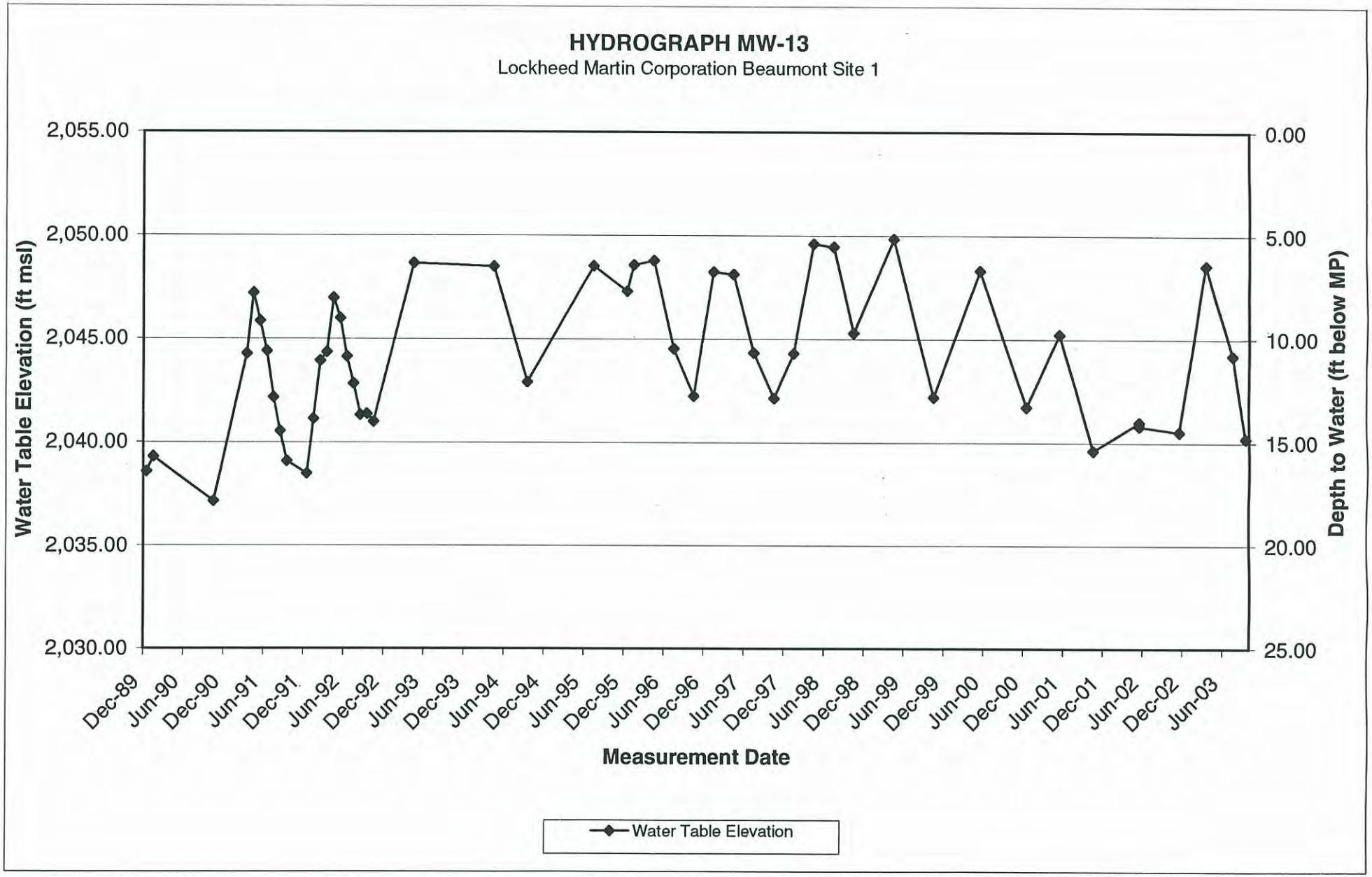

HYDROGRAPH MW-08
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,090.00
2,085.00
2,080.00
2,075.00
2,070.00
2,065.00
Depth to Water (ft below MP)
0.00
5.00
10.00
15.00
20.00
25.00
Dec-89
Jun-90
Dec-90
Jun-91
Dec-91
Jun-92
Dec-92
Jun-93
Dec-93
Jun-94
Dec-94
Jun-95
Dec-95
Jun-96
Dec-96
Jun-97
Dec-97
Jun-98
Dec-98
Jun-99
Dec-99
Jun-00
Dec-00
Jun-01
Dec-01
Jun-02
Dec-02
Jun-03
Measurement Date
Water Table Elevation

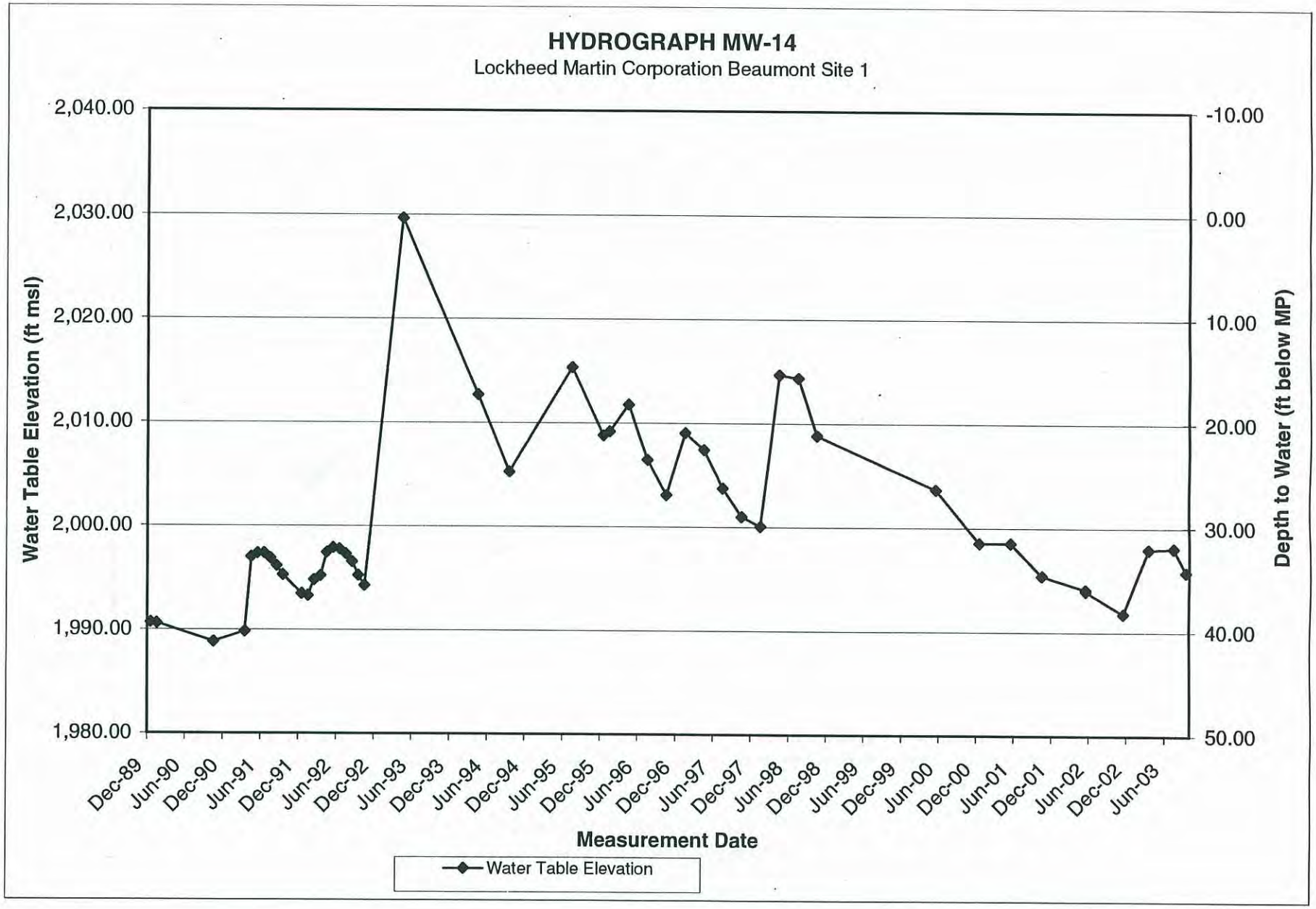

HYDROGRAPH MW-09
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,090.00
2,088.00
2,086.00
2,084.00
2,082.00
2,080.00
2,078.00
Depth to Water (ft below MP)
0.00
2.00
4.00
6.00
8.00
10.00
12.00
Dec-89
Jun-90
Dec-90
Jun-91
Dec-91
Jun-92
Dec-92
Jun-93
Dec-93
Jun-94
Dec-94
Jun-95
Dec-95
Jun-96
Dec-96
Jun-97
Dec-97
Jun-98
Dec-98
Jun-99
Dec-99
Jun-00
Dec-00
Jun-01
Dec-01
Jun-02
Dec-02
Jun-03
Measurement Date
Water Table Elevation

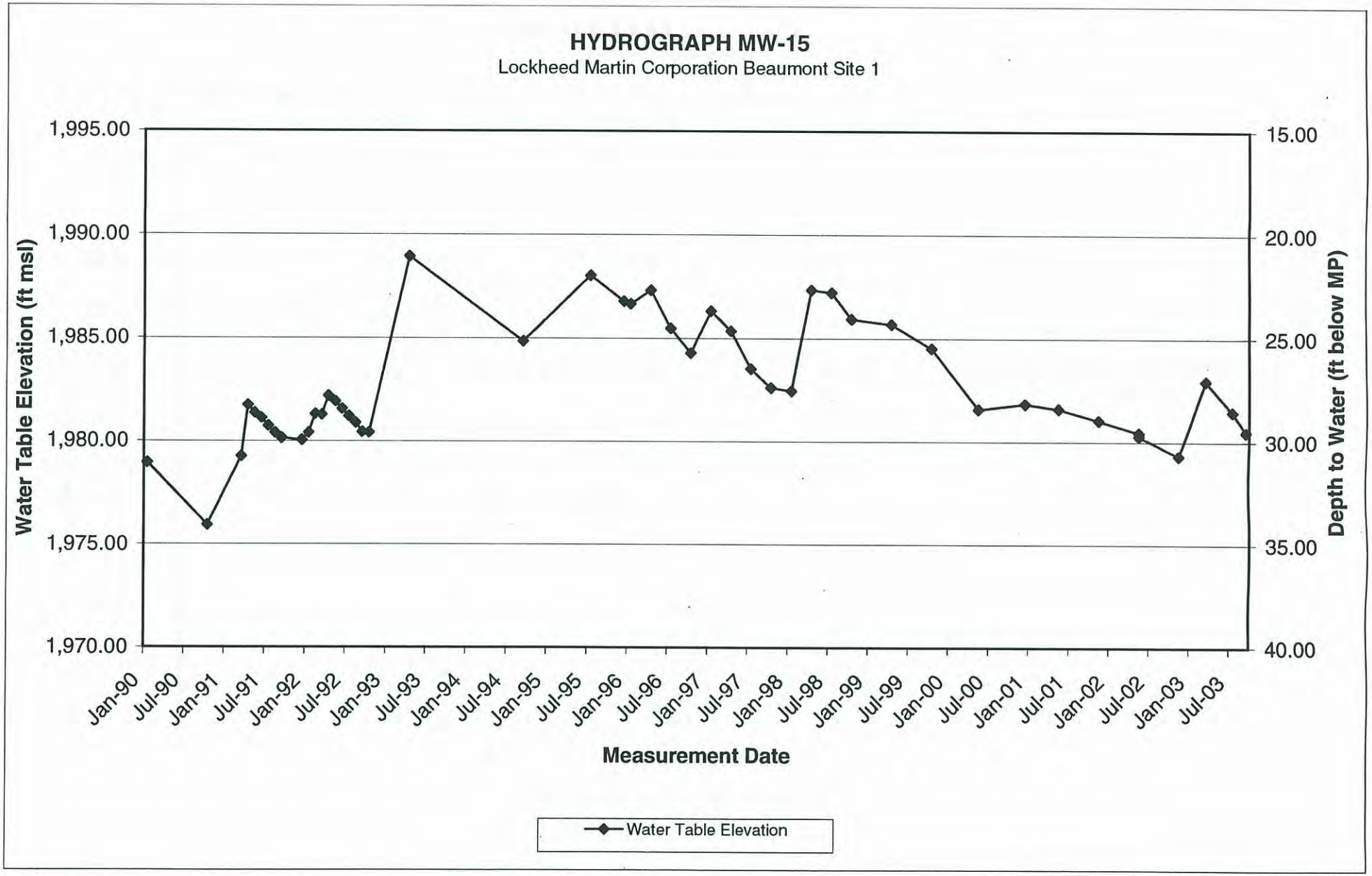

HYDROGRAPH MW-10
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
2,080.00
Depth to Water (ft below MP)
30.00
40.00
50.00
60.00
70.00
80.00
90.00
100.00
Dec-89
Jun-90
Dec-90
Jun-91
Dec-91
Jun-92
Dec-92
Jun-93
Dec-93
Jun-94
Dec-94
Jun-95
Dec-95
Jun-96
Dec-96
Jun-97
Dec-97
Jun-98
Dec-98
Jun-99
Dec-99
Jun-00
Dec-00
Jun-01
Dec-01
Jun-02
Dec-02
Jun-03
Measurement Date
Water Table Elevation

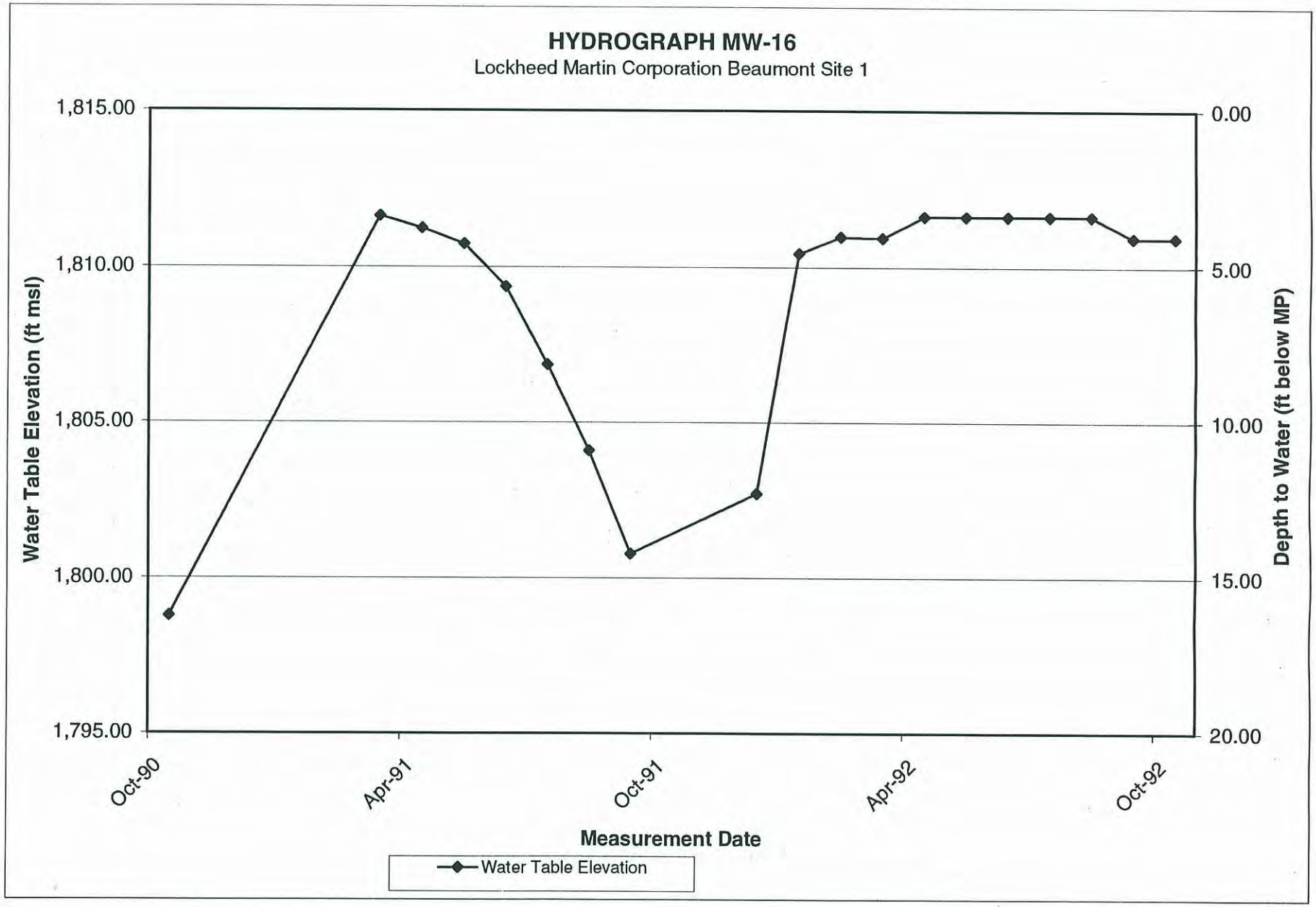

HYDROGRAPH MW-11
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,095.00
2,090.00
2,085.00
2,080.00
2,075.00
2,070.00
2,065.00
Depth to Water (ft below MP)
25.00
30.00
35.00
40.00
45.00
50.00
55.00
Dec-89
Jun-90
Dec-90
Jun-91
Dec-91
Jun-92
Dec-92
Jun-93
Dec-93
Jun-94
Dec-94
Jun-95
Dec-95
Jun-96
Dec-96
Jun-97
Dec-97
Jun-98
Dec-98
Jun-99
Dec-99
Jun-00
Dec-00
Jun-01
Dec-01
Jun-02
Dec-02
Jun-03
Measurement Date
Water Table Elevation

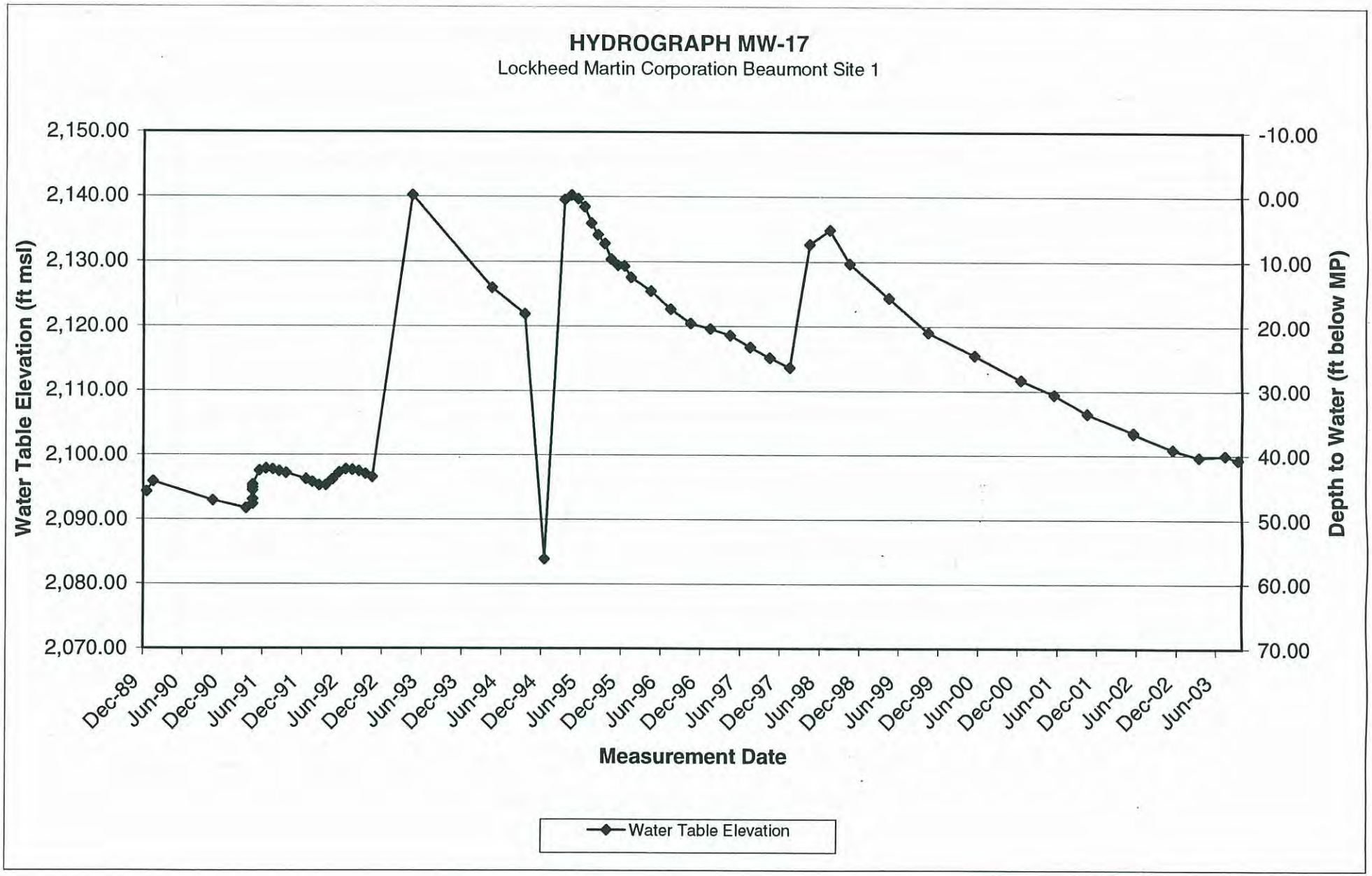

HYDROGRAPH MW-12
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
Depth to Water (ft below MP)
2,090.00
2,085.00
2,080.00
2,075.00
2,070.00
2,065.00
2,060.00
10.00
15.00
20.00
25.00
30.00
35.00
40.00
Dec-89
Jun-90
Dec-90
Jun-91
Dec-91
Jun-92
Dec-92
Jun-93
Dec-93
Jun-94
Dec-94
Jun-95
Dec-95
Jun-96
Dec-96
Jun-97
Dec-97
Jun-98
Dec-98
Jun-99
Dec-99
Jun-00
Dec-00
Jun-01
Dec-01
Jun-02
Dec-02
Jun-03
Measurement Date
Water Table Elevation

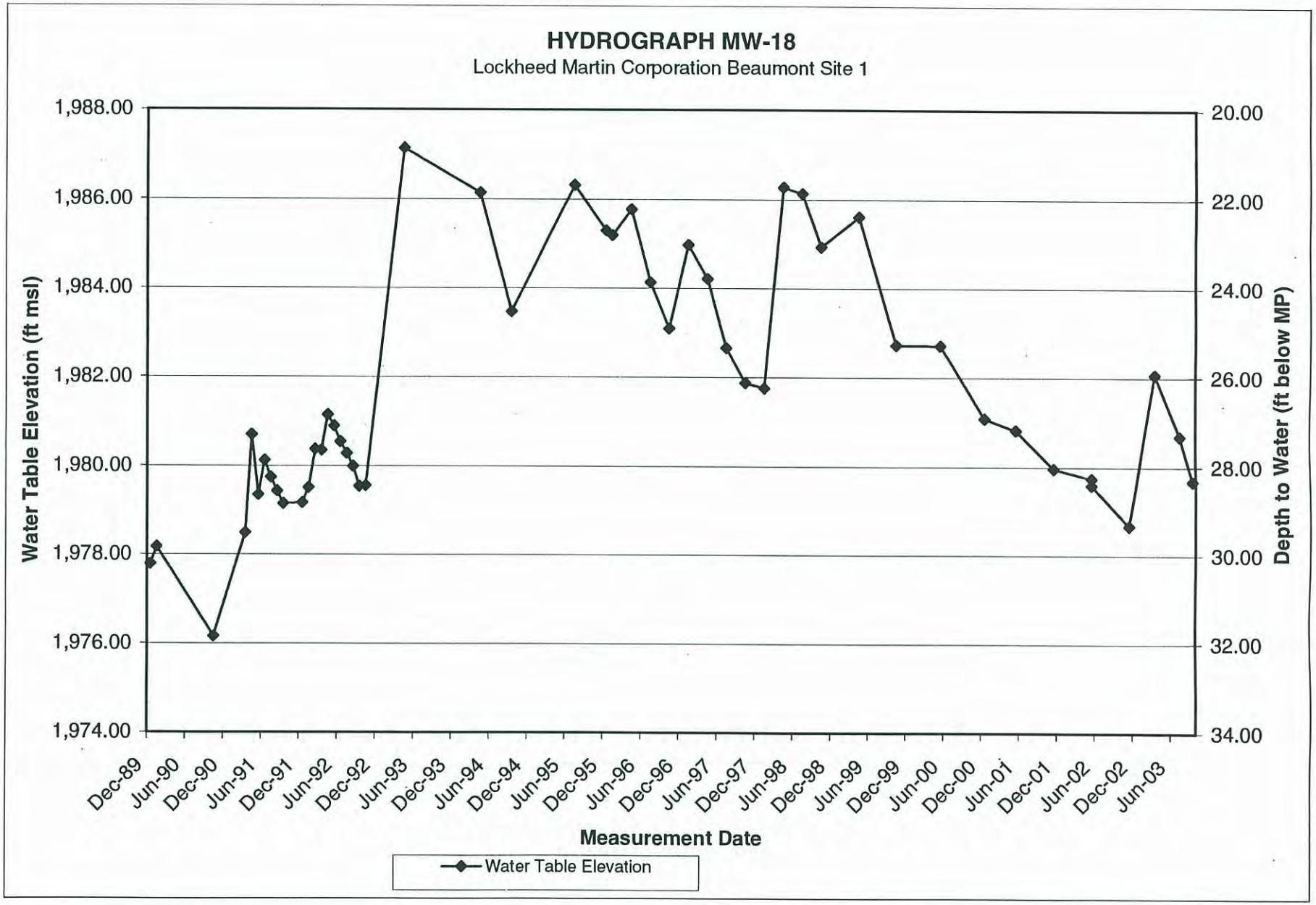

HYDROGRAPH MW-13
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,055.00
2,050.00
2,045.00
2,040.00
2,035.00
2,030.00
Depth to Water (ft below MP)
0.00
5.00
10.00
15.00
20.00
25.00
Dec-89
Jun-90
Dec-90
Jun-91
Dec-91
Jun-92
Dec-92
Jun-93
Dec-93
Jun-94
Dec-94
Jun-95
Dec-95
Jun-96
Dec-96
Jun-97
Dec-97
Jun-98
Dec-98
Jun-99
Dec-99
Jun-00
Dec-00
Jun-01
Dec-01
Jun-02
Dec-02
Jun-03
Measurement Date
Water Table Elevation

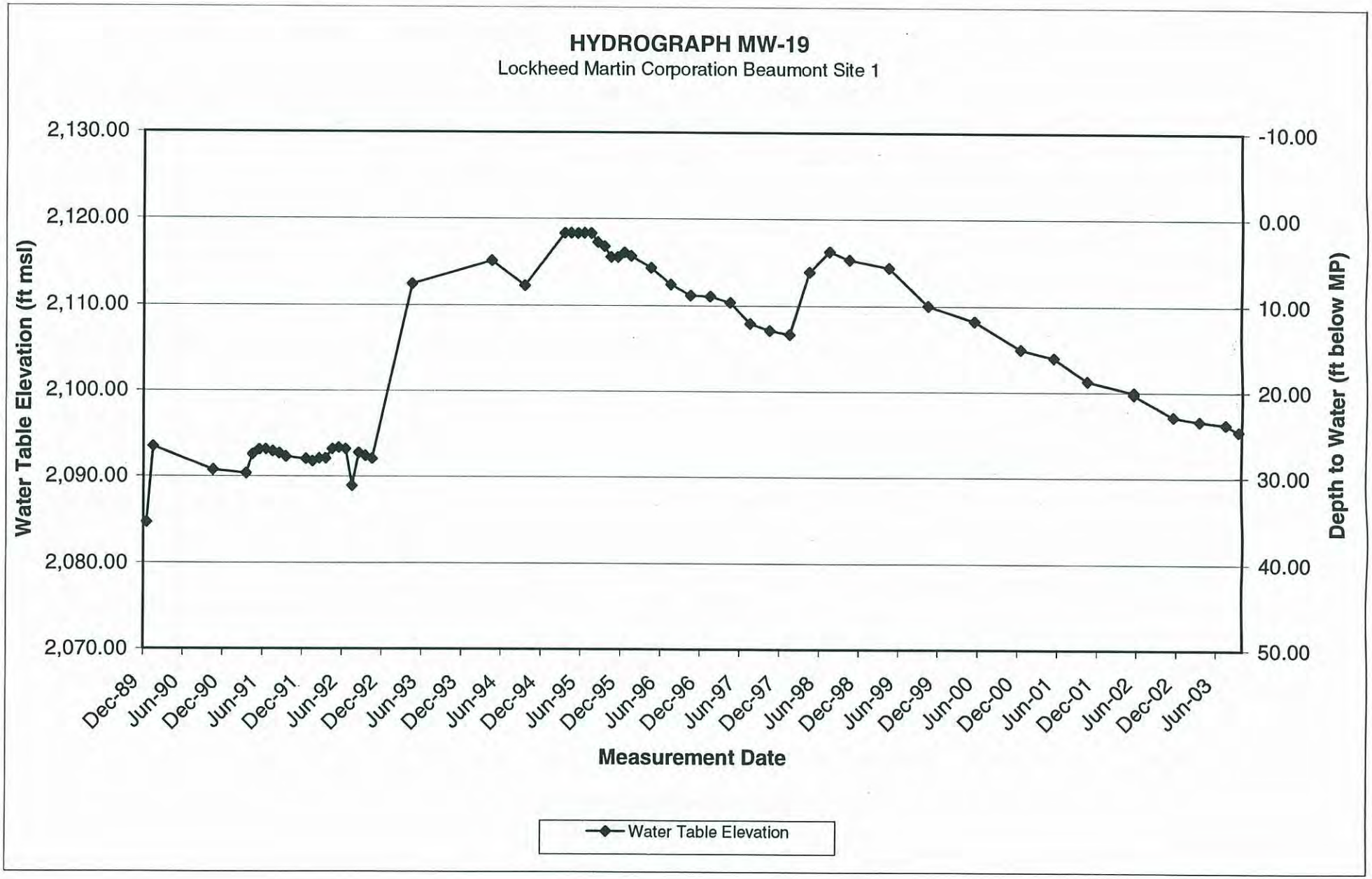

HYDROGRAPH MW-14
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,040.00
2,030.00
2,020.00
2,010.00
2,000.00
1,990.00
1,980.00
Depth to Water (ft below MP)
-10.00
0.00
10.00
20.00
30.00
40.00
50.00
Dec-89
Jun-90
Dec-90
Jun-91
Dec-91
Jun-92
Dec-92
Jun-93
Dec-93
Jun-94
Dec-94
Jun-95
Dec-95
Jun-96
Dec-96
Jun-97
Dec-97
Jun-98
Dec-98
Jun-99
Dec-99
Jun-00
Dec-00
Jun-01
Dec-01
Jun-02
Dec-02
Jun-03
Measurement Date
Water Table Elevation

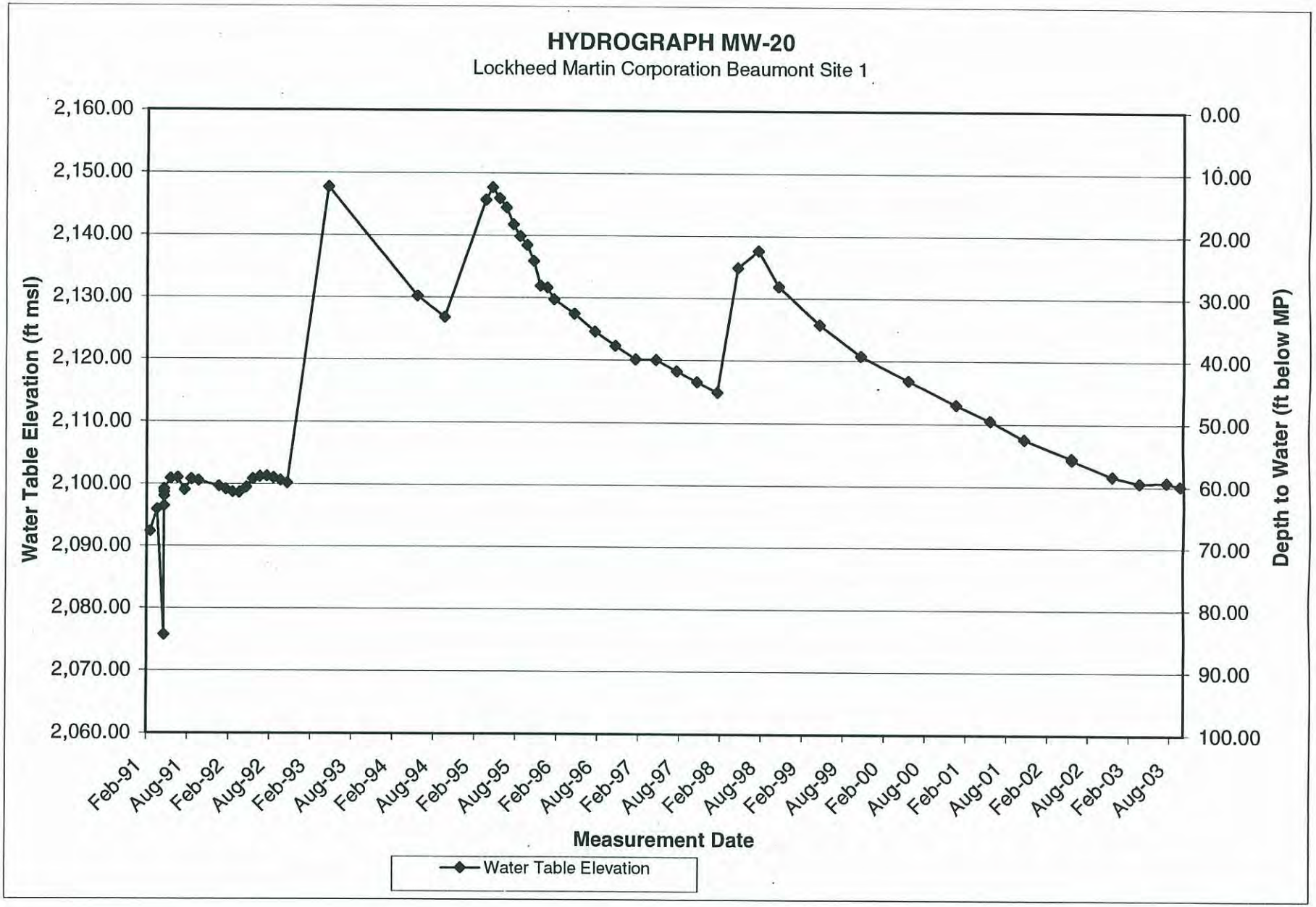

HYDROGRAPH MW-15
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
1,995.00
1,990.00
1,985.00
1,980.00
1,975.00
1,970.00
Depth to Water (ft below MP)
15.00
20.00
25.00
30.00
35.00
40.00
Jan-90
Jul-90
Jan-91
Jul-91
Jan-92
Jul-92
Jan-93
Jul-93
Jan-94
Jul-94
Jan-95
Jul-95
Jan-96
Jul-96
Jan-97
Jul-97
Jan-98
Jul-98
Jan-99
Jul-99
Jan-00
Jul-00
Jan-01
Jul-01
Jan-02
Jul-02
Jan-03
Jul-03
Measurement Date
Water Table Elevation

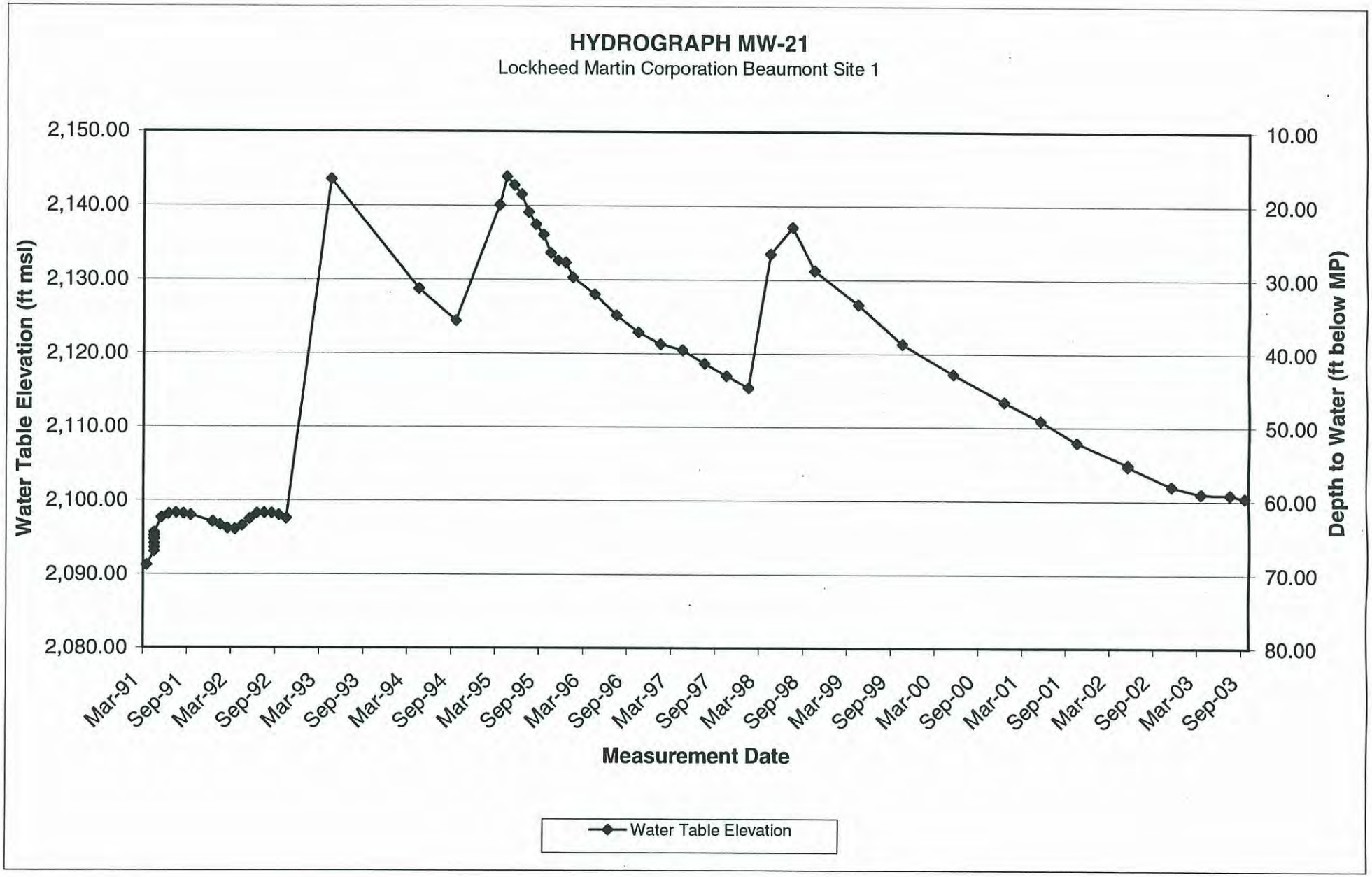

HYDROGRAPH MW-16
Lockheed Martin Corporation Beaumont Site 1
1,815.00
1,810.00
1,805.00
1,800.00
1,795.00
Water Table Elevation (ft msl)
0.00
5.00
10.00
15.00
20.00
Depth to Water (ft below MP)
Oct-90
Apr-91
Oct-91
Apr-92
Oct-92
Measurement Date
Water Table Elevation

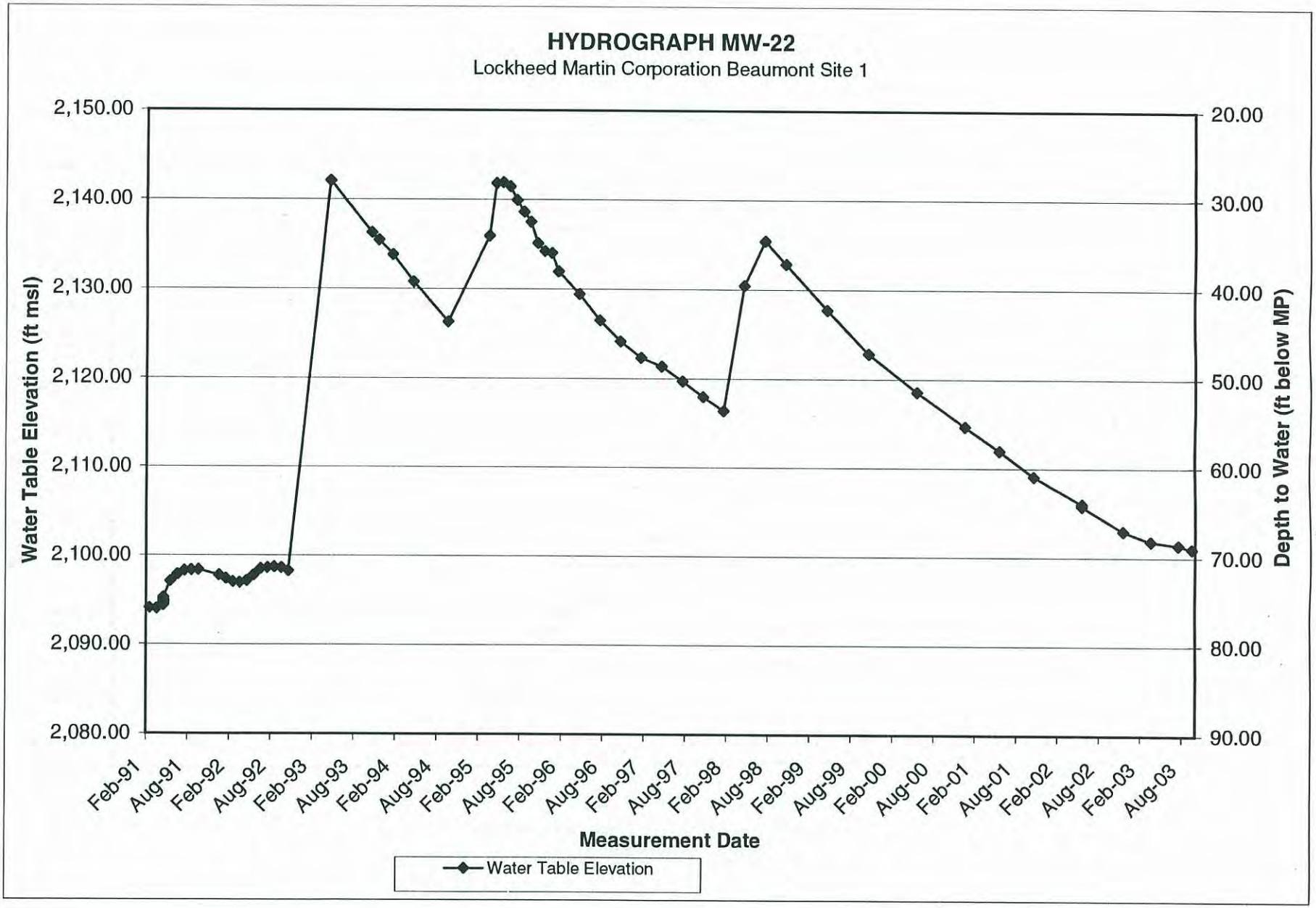

HYDROGRAPH MW-17
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
2,080.00
2,070.00
Depth to Water (ft below MP)
-10.00
0.00
10.00
20.00
30.00
40.00
50.00
60.00
70.00
Dec-89
Jun-90
Dec-90
Jun-91
Dec-91
Jun-92
Dec-92
Jun-93
Dec-93
Jun-94
Dec-94
Jun-95
Dec-95
Jun-96
Dec-96
Jun-97
Dec-97
Jun-98
Dec-98
Jun-99
Dec-99
Jun-00
Dec-00
Jun-01
Dec-01
Jun-02
Dec-02
Jun-03
Measurement Date
Water Table Elevation

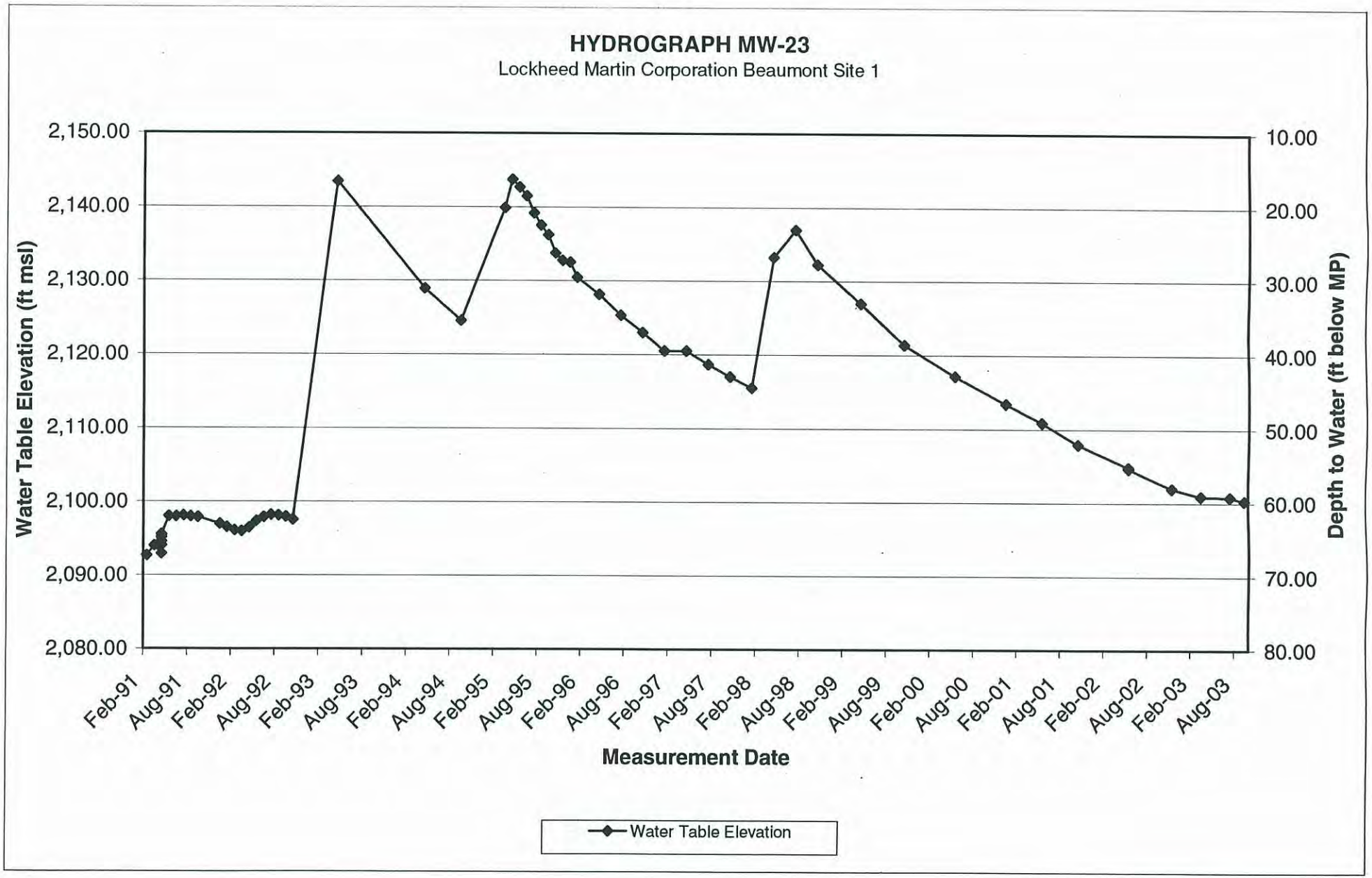

HYDROGRAPH MW-18
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
Depth to Water (ft below MP)
1,988.00
1,986.00
1,984.00
1,982.00
1,980.00
1,978.00
1,976.00
1,974.00
20.00
22.00
24.00
26.00
28.00
30.00
32.00
34.00
Dec-89
Jun-90
Dec-90
Jun-91
Dec-91
Jun-92
Dec-92
Jun-93
Dec-93
Jun-94
Dec-94
Jun-95
Dec-95
Jun-96
Dec-96
Jun-97
Dec-97
Jun-98
Dec-98
Jun-99
Dec-99
Jun-00
Dec-00
Jun-01
Dec-01
Jun-02
Dec-02
Jun-03
Measurement Date
Water Table Elevation

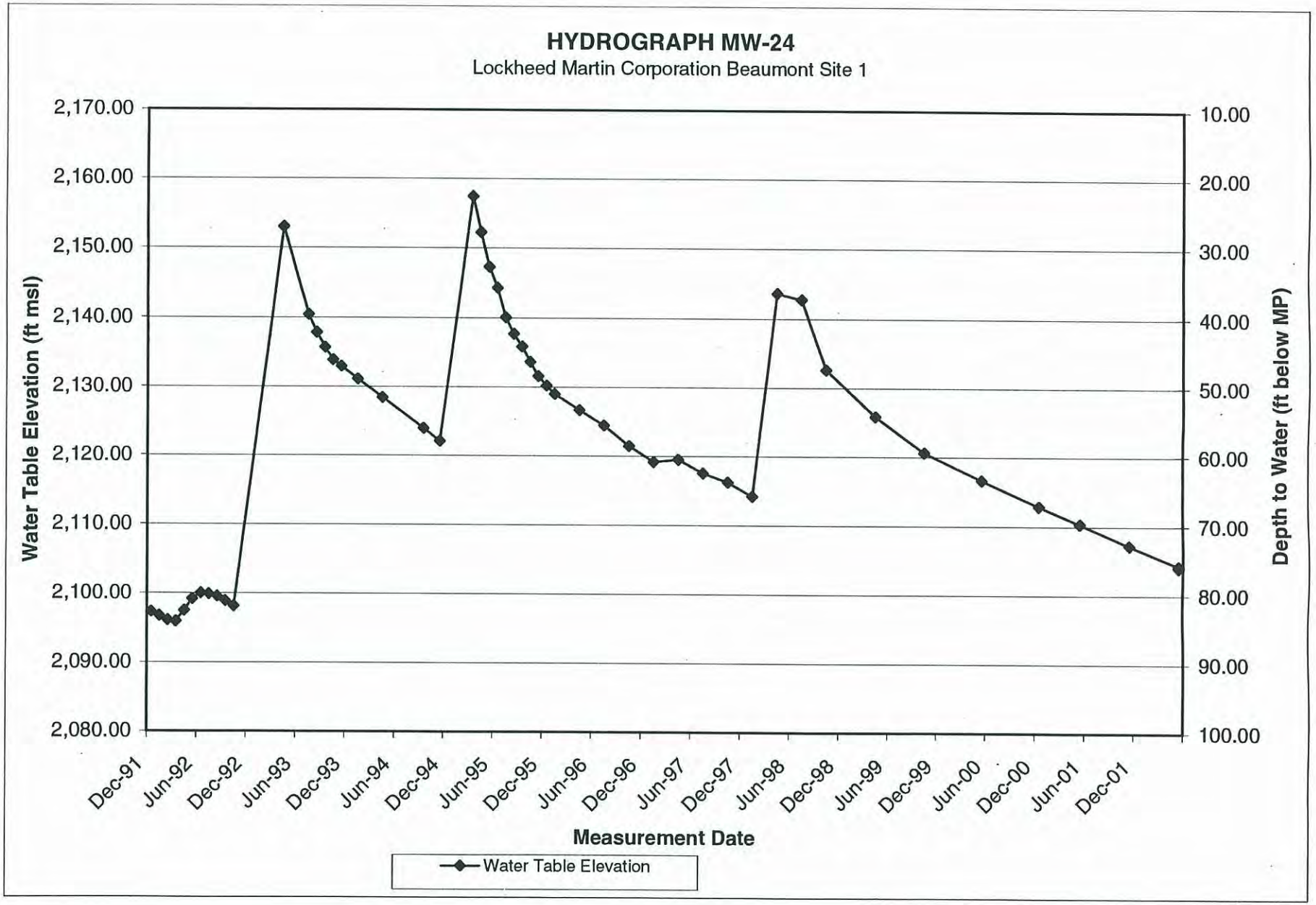

HYDROGRAPH MW-19
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
2,080.00
2,070.00
Depth to Water (ft below MP)
-10.00
0.00
10.00
20.00
30.00
40.00
50.00
Dec-89
Jun-90
Dec-90
Jun-91
Dec-91
Jun-92
Dec-92
Jun-93
Dec-93
Jun-94
Dec-94
Jun-95
Dec-95
Jun-96
Dec-96
Jun-97
Dec-97
Jun-98
Dec-98
Jun-99
Dec-99
Jun-00
Dec-00
Jun-01
Dec-01
Jun-02
Dec-02
Jun-03
Measurement Date
Water Table Elevation

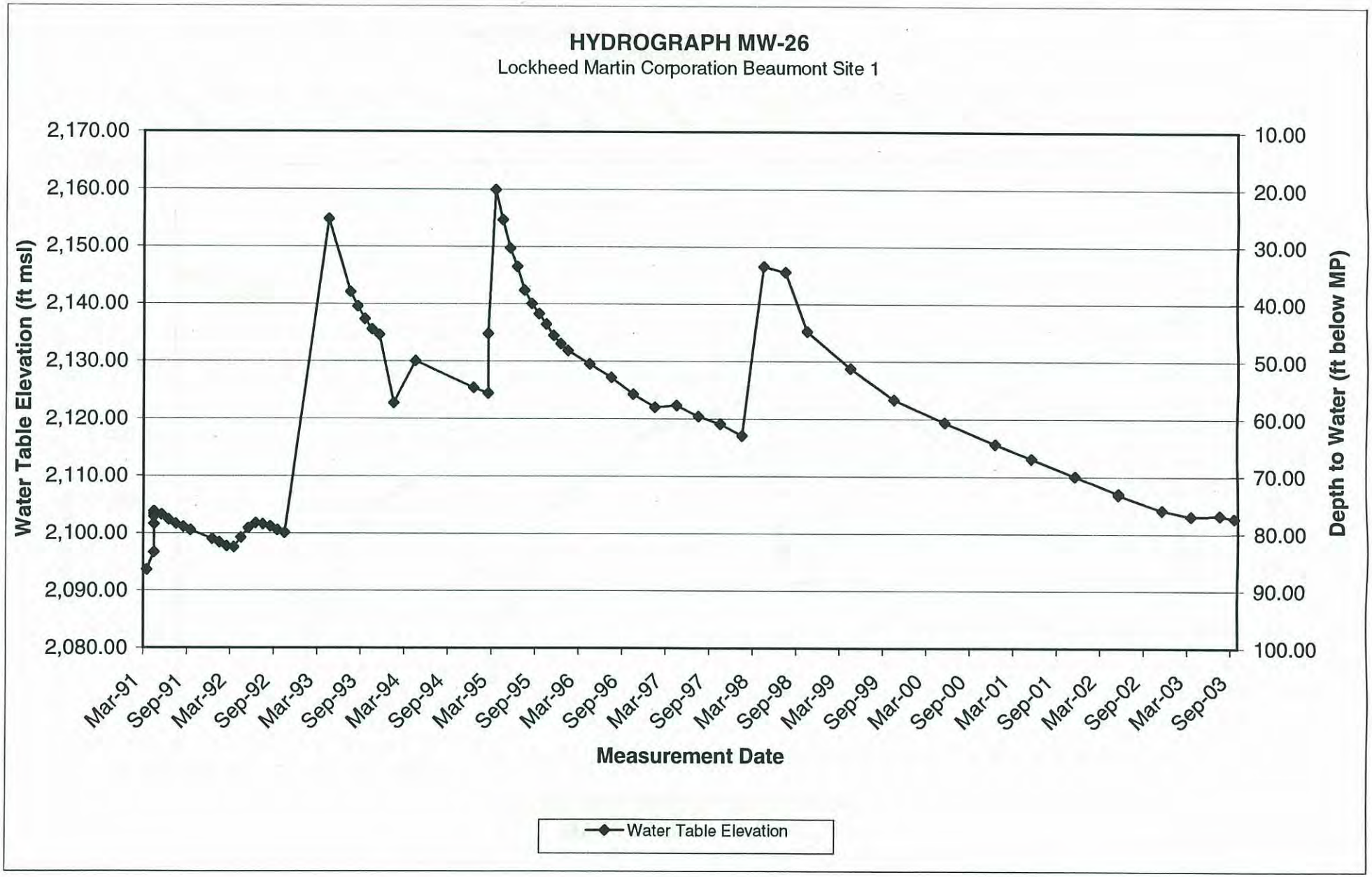

HYDROGRAPH MW-20
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,160.00
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
2,080.00
2,070.00
2,060.00
Depth to Water (ft below MP)
0.00
10.00
20.00
30.00
40.00
50.00
60.00
70.00
80.00
90.00
100.00
Feb-91
Aug-91
Feb-92
Aug-92
Feb-93
Aug-93
Feb-94
Aug-94
Feb-95
Aug-95
Feb-96
Aug-96
Feb-97
Aug-97
Feb-98
Aug-98
Feb-99
Aug-99
Feb-00
Aug-00
Feb-01
Aug-01
Feb-02
Aug-02
Feb-03
Aug-03
Measurement Date
Water Table Elevation

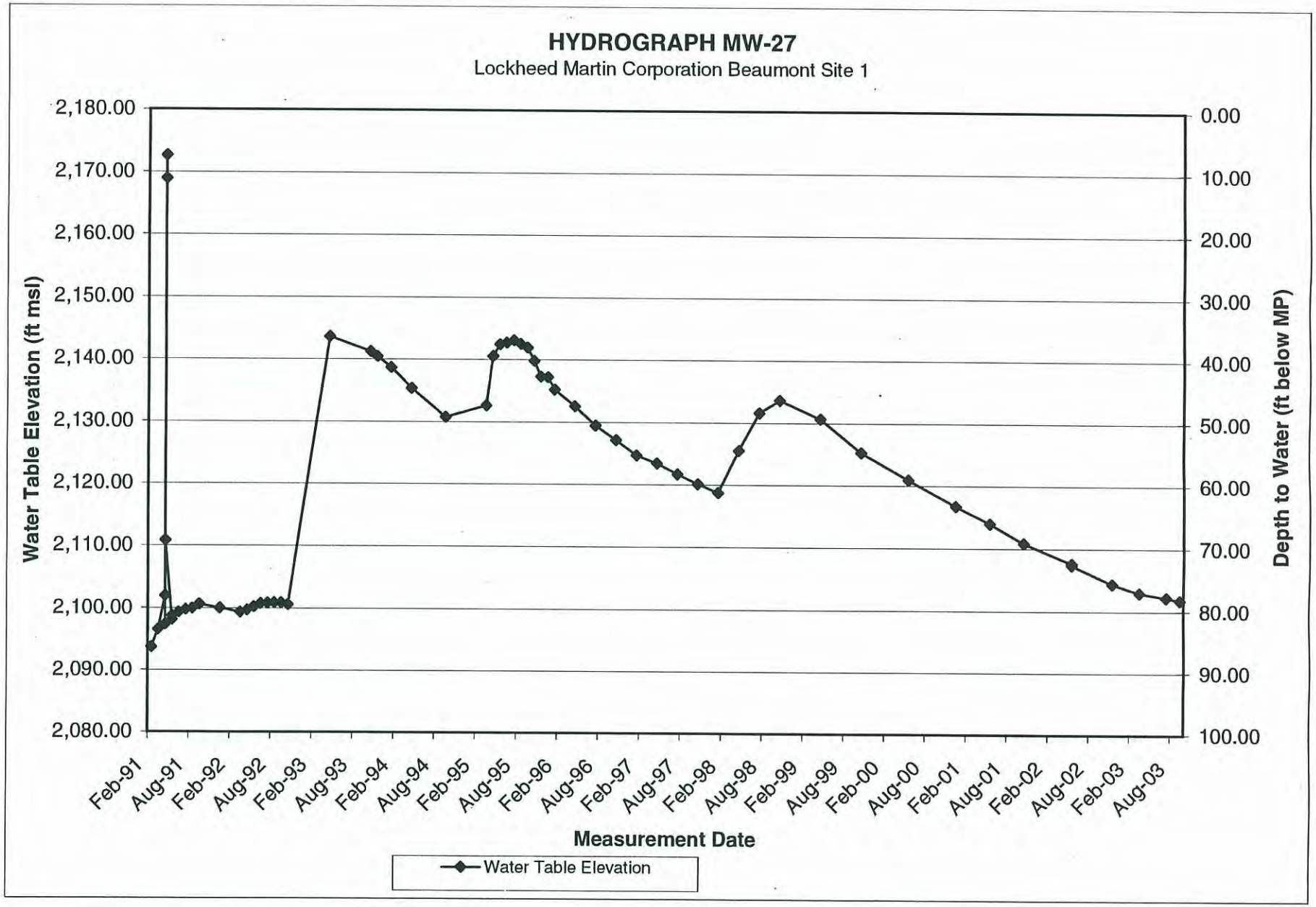

HYDROGRAPH MW-21
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
2,080.00
Depth to Water (ft below MP)
10.00
20.00
30.00
40.00
50.00
60.00
70.00
80.00
Mar-91
Sep-91
Mar-92
Sep-92
Mar-93
Sep-93
Mar-94
Sep-94
Mar-95
Sep-95
Mar-96
Sep-96
Mar-97
Sep-97
Mar-98
Sep-98
Mar-99
Sep-99
Mar-00
Sep-00
Mar-01
Sep-01
Mar-02
Sep-02
Mar-03
Sep-03
Measurement Date
Water Table Elevation

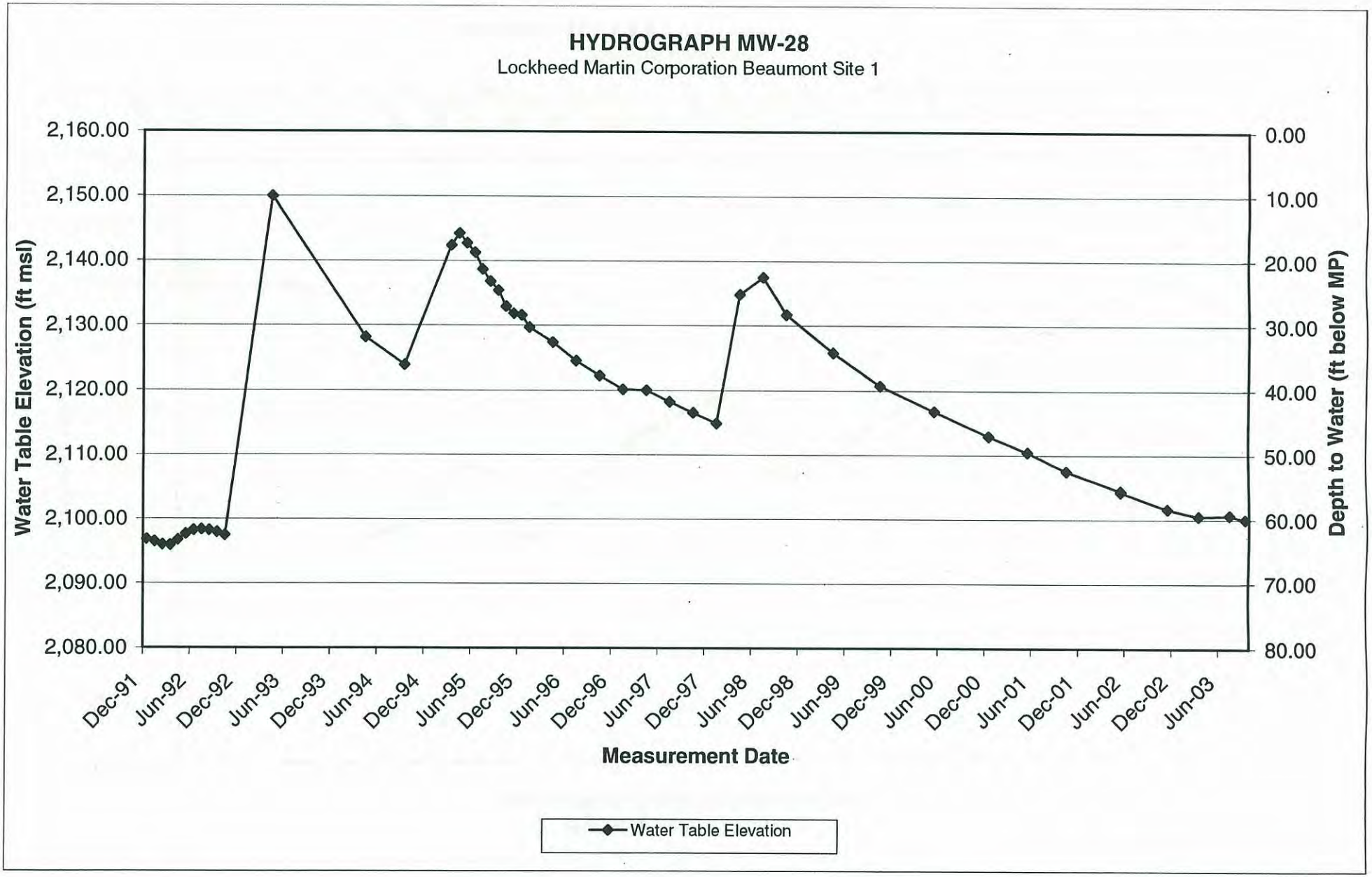

HYDROGRAPH MW-22
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
2,080.00
Depth to Water (ft below MP)
20.00
30.00
40.00
50.00
60.00
70.00
80.00
90.00
Feb-91
Aug-91
Feb-92
Aug-92
Feb-93
Aug-93
Feb-94
Aug-94
Feb-95
Aug-95
Feb-96
Aug-96
Feb-97
Aug-97
Feb-98
Aug-98
Feb-99
Aug-99
Feb-00
Aug-00
Feb-01
Aug-01
Feb-02
Aug-02
Feb-03
Aug-03
Measurement Date
Water Table Elevation

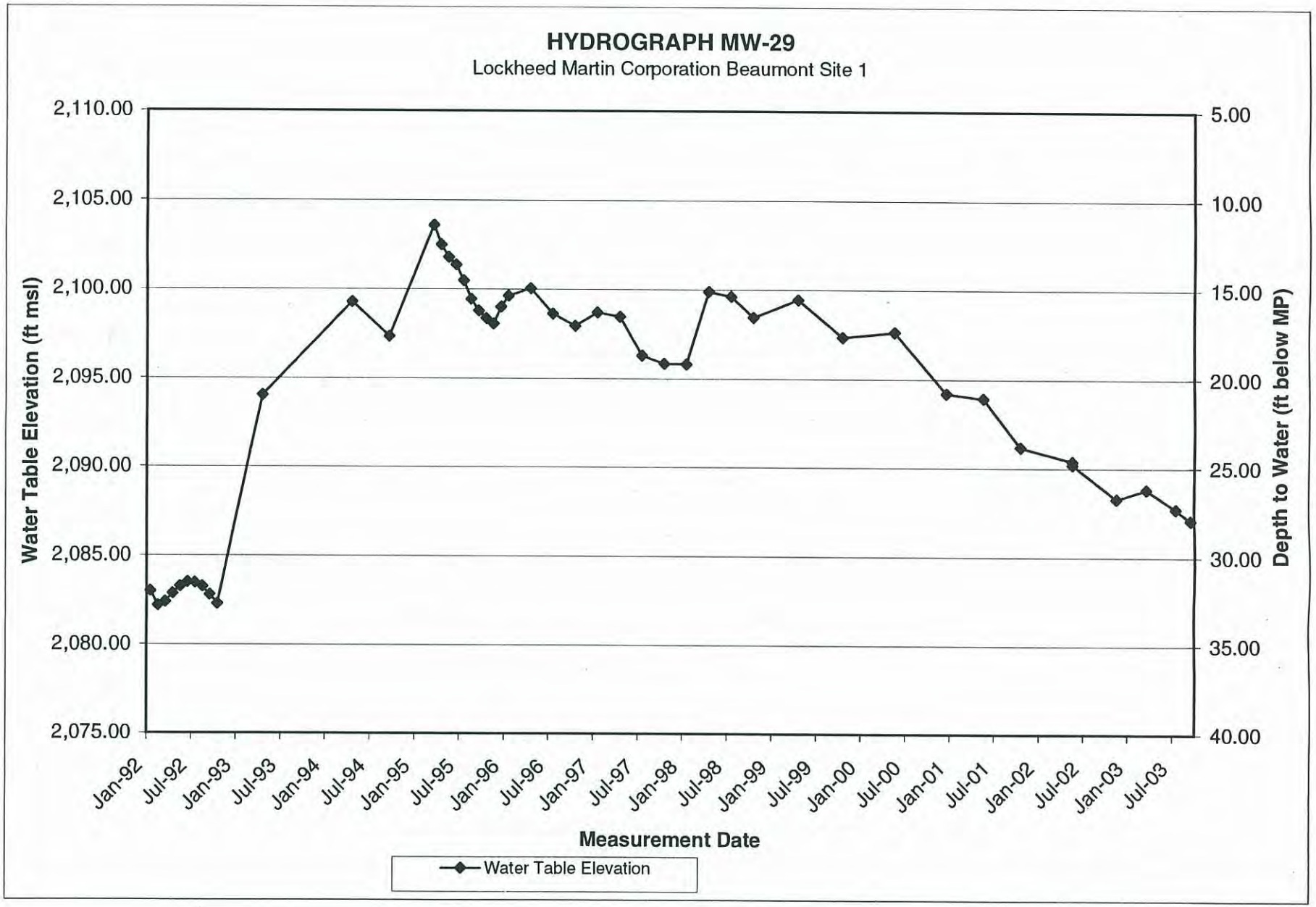

HYDROGRAPH MW-23
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
2,080.00
Depth to Water (ft below MP)
10.00
20.00
30.00
40.00
50.00
60.00
70.00
80.00
Feb-91
Aug-91
Feb-92
Aug-92
Feb-93
Aug-93
Feb-94
Aug-94
Feb-95
Aug-95
Feb-96
Aug-96
Feb-97
Aug-97
Feb-98
Aug-98
Feb-99
Aug-99
Feb-00
Aug-00
Feb-01
Aug-01
Feb-02
Aug-02
Feb-03
Aug-03
Measurement Date
Water Table Elevation

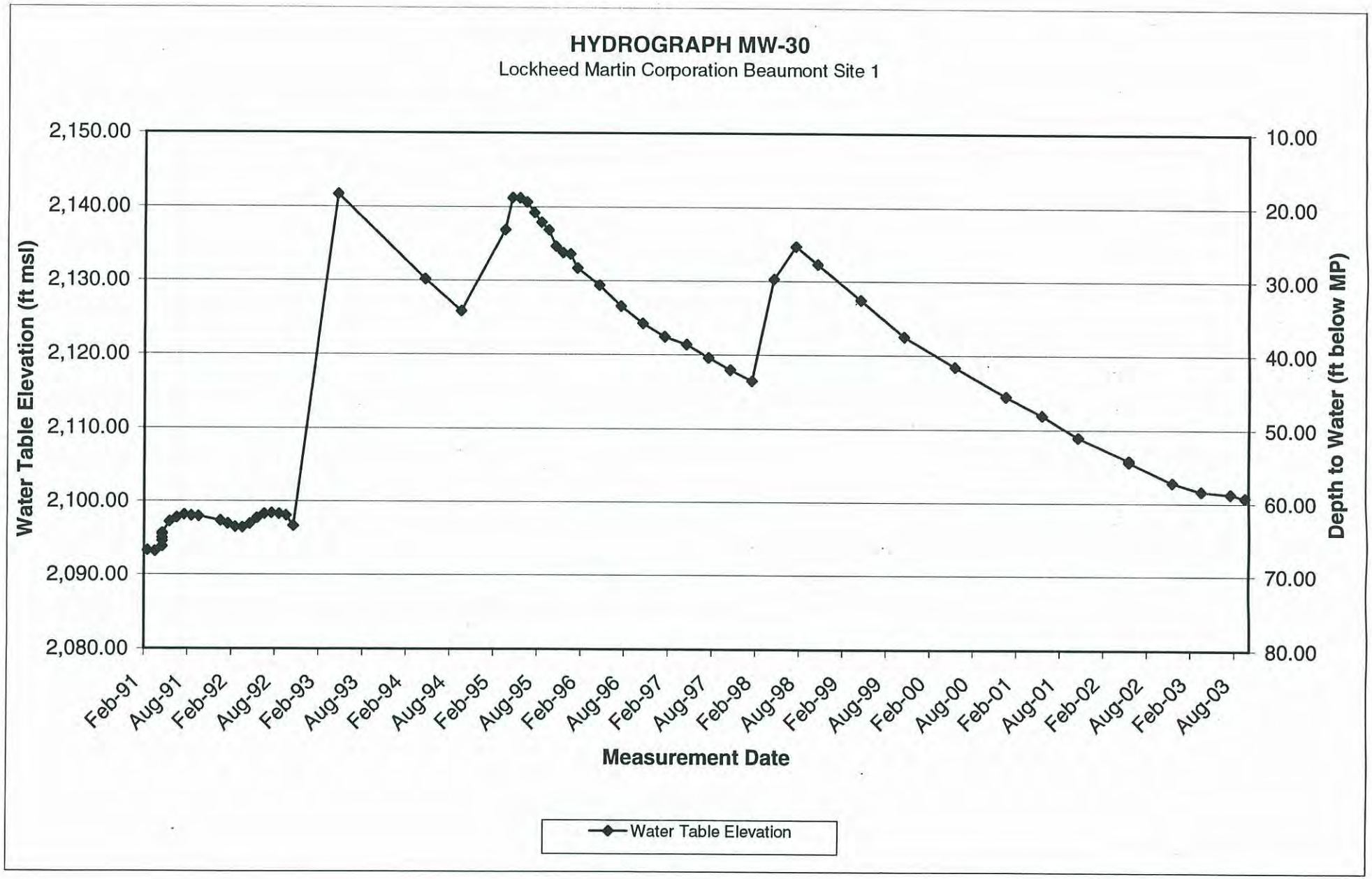

HYDROGRAPH MW-24
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
Depth to Water (ft below MP)
2,170.00
2,160.00
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
2,080.00
10.00
20.00
30.00
40.00
50.00
60.00
70.00
80.00
90.00
100.00
Dec-91
Jun-92
Dec-92
Jun-93
Dec-93
Jun-94
Dec-94
Jun-95
Dec-95
Jun-96
Dec-96
Jun-97
Dec-97
Jun-98
Dec-98
Jun-99
Dec-99
Jun-00
Dec-00
Jun-01
Dec-01
Measurement Date
Water Table Elevation

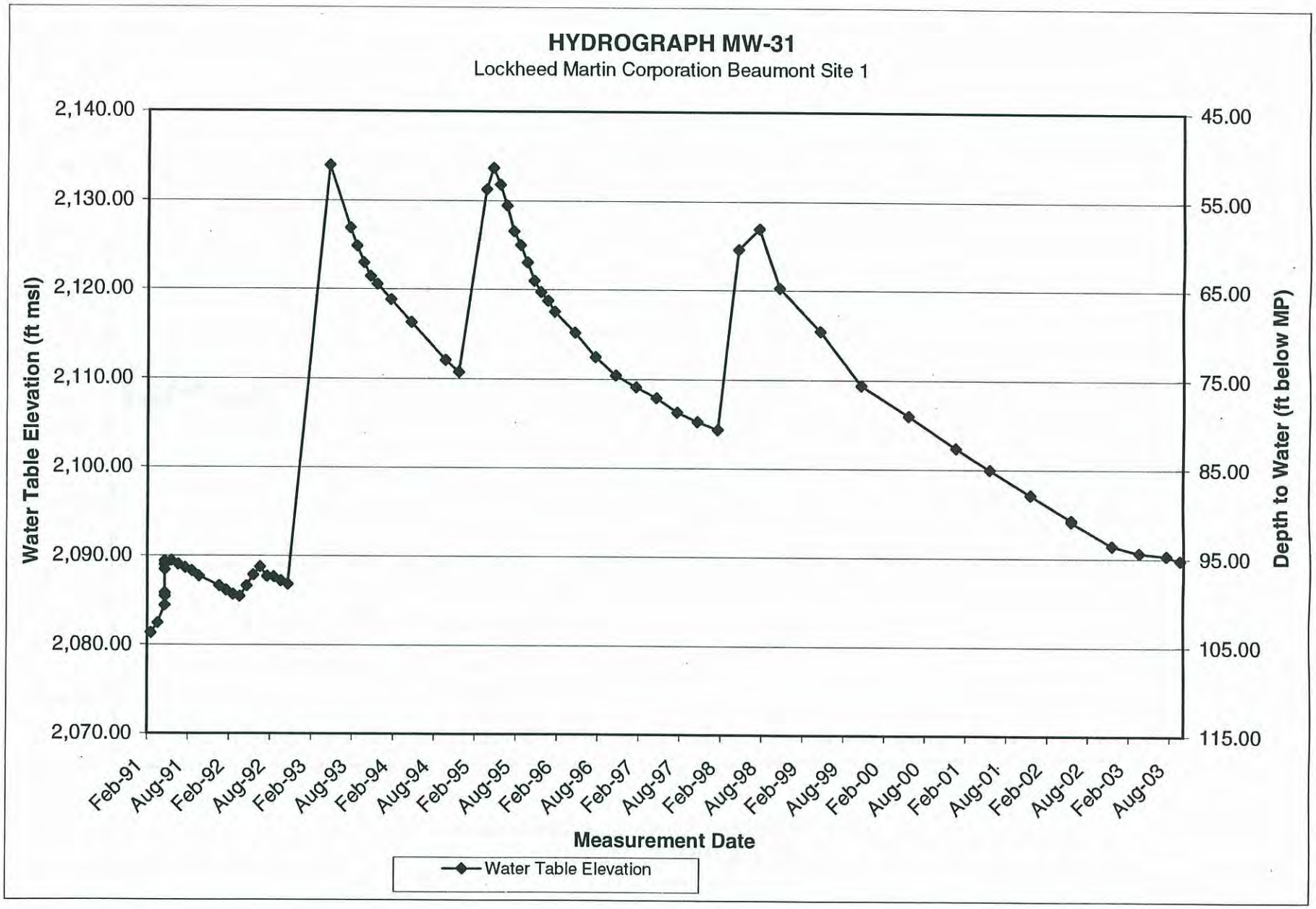

HYDROGRAPH MW-26
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,170.00
2,160.00
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
2,080.00
Depth to Water (ft below MP)
10.00
20.00
30.00
40.00
50.00
60.00
70.00
80.00
90.00
100.00
Mar-91
Sep-91
Mar-92
Sep-92
Mar-93
Sep-93
Mar-94
Sep-94
Mar-95
Sep-95
Mar-96
Sep-96
Mar-97
Sep-97
Mar-98
Sep-98
Mar-99
Sep-99
Mar-00
Sep-00
Mar-01
Sep-01
Mar-02
Sep-02
Mar-03
Sep-03
Measurement Date
Water Table Elevation

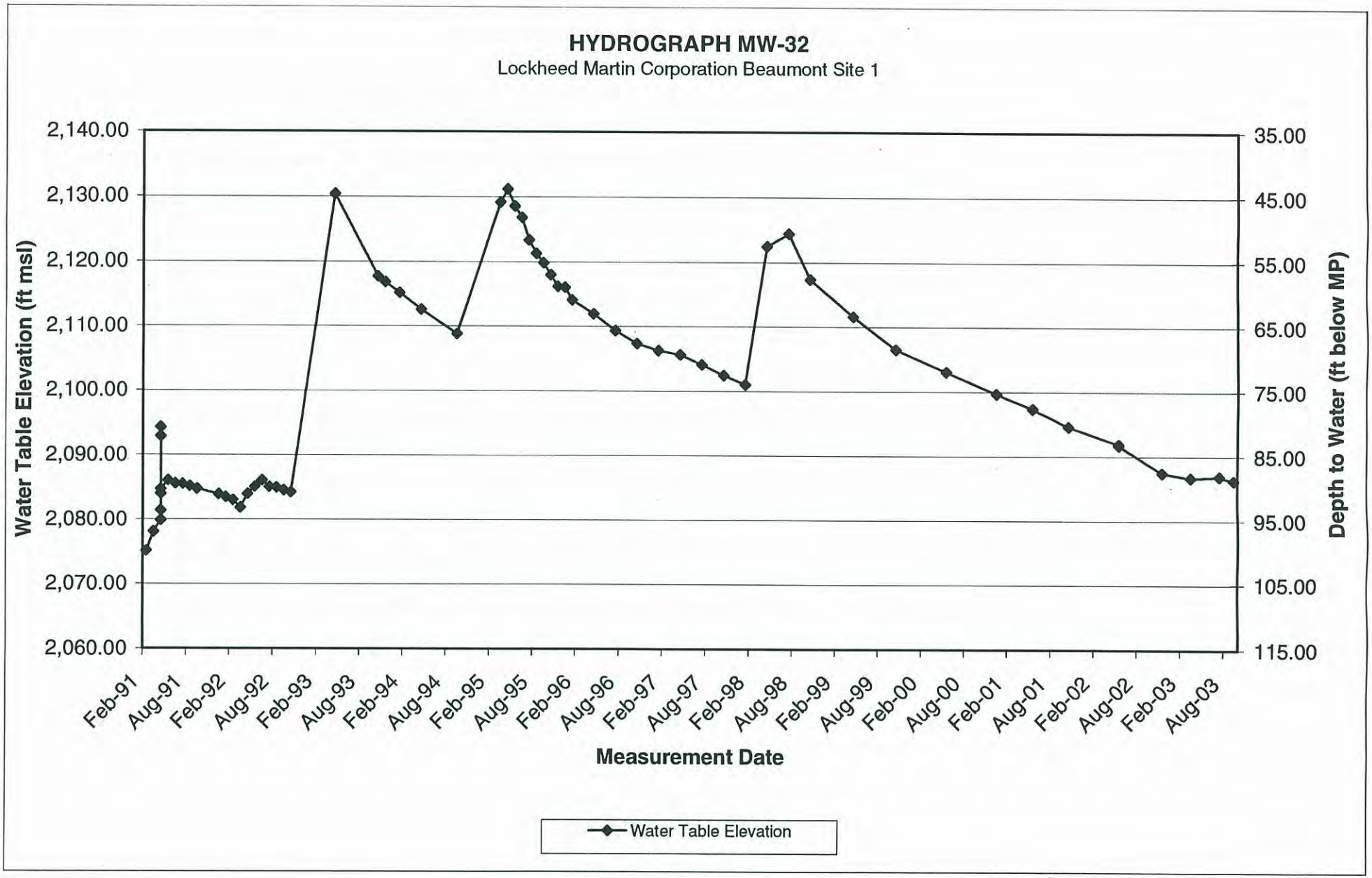

HYDROGRAPH MW-27
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,180.00
2,170.00
2,160.00
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
2,080.00
Depth to Water (ft below MP)
0.00
10.00
20.00
30.00
40.00
50.00
60.00
70.00
80.00
90.00
100.00
Feb-91
Aug-91
Feb-92
Aug-92
Feb-93
Aug-93
Feb-94
Aug-94
Feb-95
Aug-95
Feb-96
Aug-96
Feb-97
Aug-97
Feb-98
Aug-98
Feb-99
Aug-99
Feb-00
Aug-00
Feb-01
Aug-01
Feb-02
Aug-02
Feb-03
Aug-03
Measurement Date
Water Table Elevation

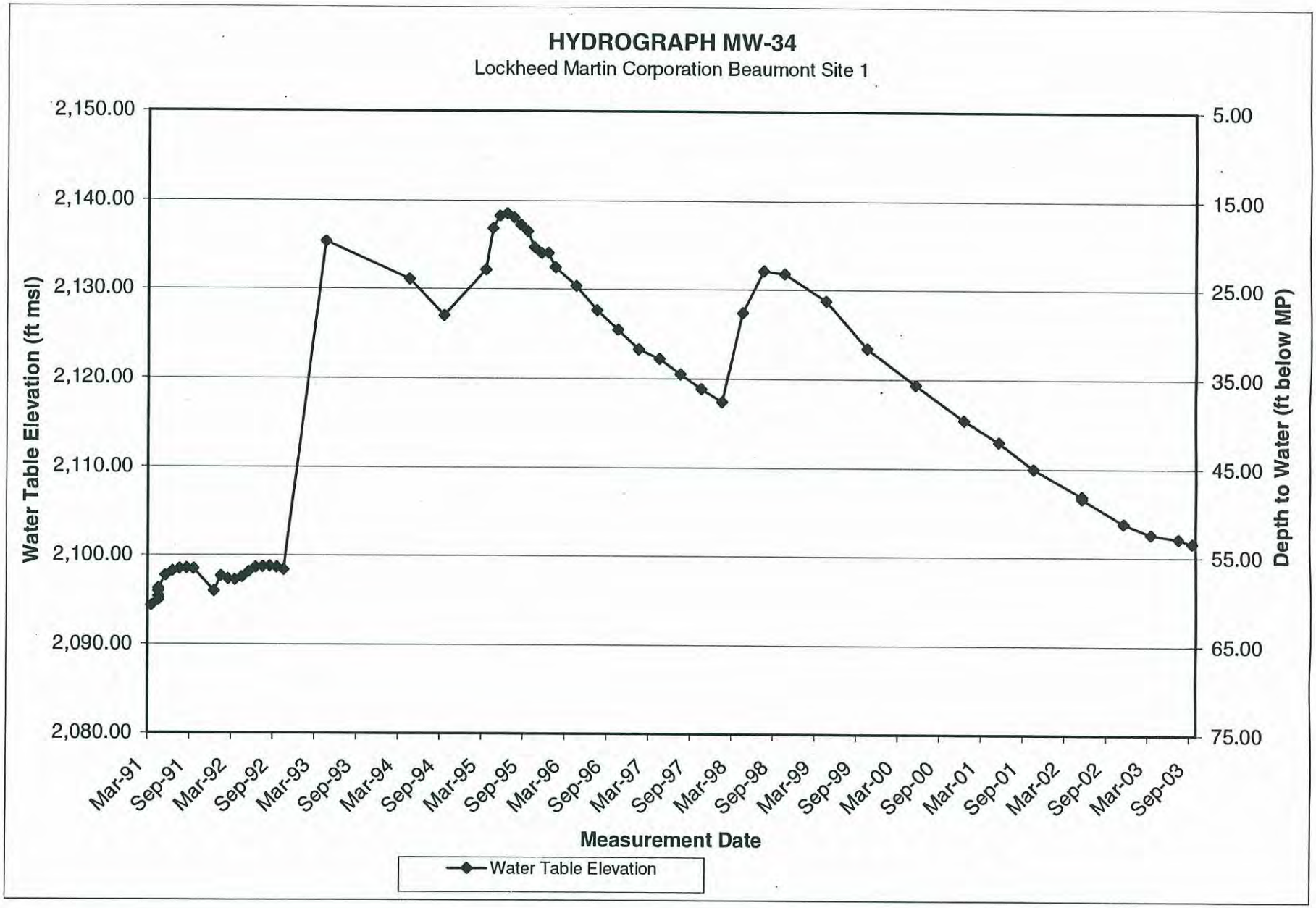

HYDROGRAPH MW-28
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,160.00
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
2,080.00
Depth to Water (ft below MP)
0.00
10.00
20.00
30.00
40.00
50.00
60.00
70.00
80.00
Dec-91
Jun-92
Dec-92
Jun-93
Dec-93
Jun-94
Dec-94
Jun-95
Dec-95
Jun-96
Dec-96
Jun-97
Dec-97
Jun-98
Dec-98
Jun-99
Dec-99
Jun-00
Dec-00
Jun-01
Dec-01
Jun-02
Dec-02
Jun-03
Measurement Date
Water Table Elevation

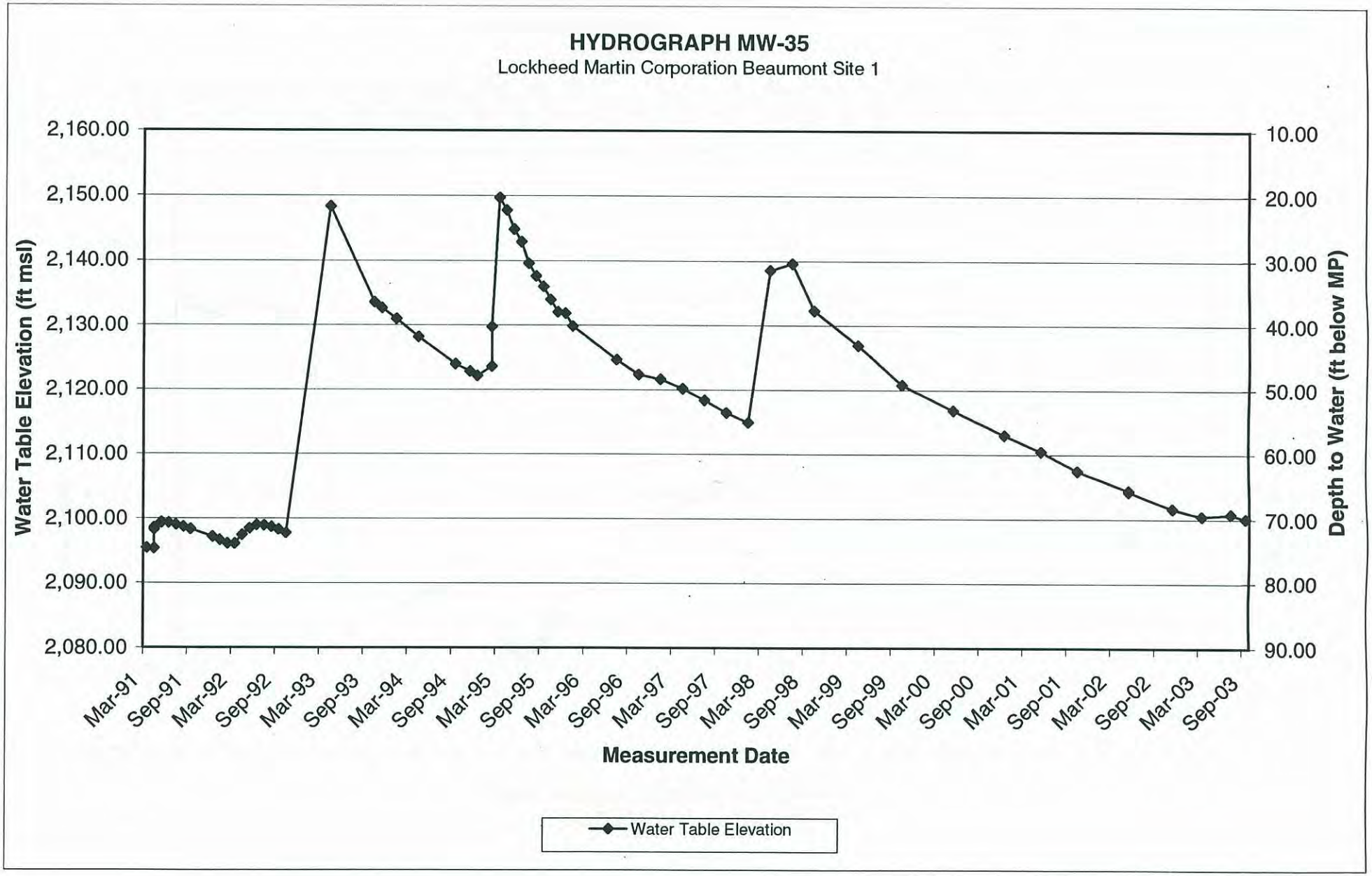

HYDROGRAPH MW-29
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,110.00
2,105.00
2,100.00
2,095.00
2,090.00
2,085.00
2,080.00
2,075.00
Depth to Water (ft below MP)
5.00
10.00
15.00
20.00
25.00
30.00
35.00
40.00
Jan-92
Jul-92
Jan-93
Jul-93
Jan-94
Jul-94
Jan-95
Jul-95
Jan-96
Jul-96
Jan-97
Jul-97
Jan-98
Jul-98
Jan-99
Jul-99
Jan-00
Jul-00
Jan-01
Jul-01
Jan-02
Jul-02
Jan-03
Jul-03
Measurement Date
Water Table Elevation

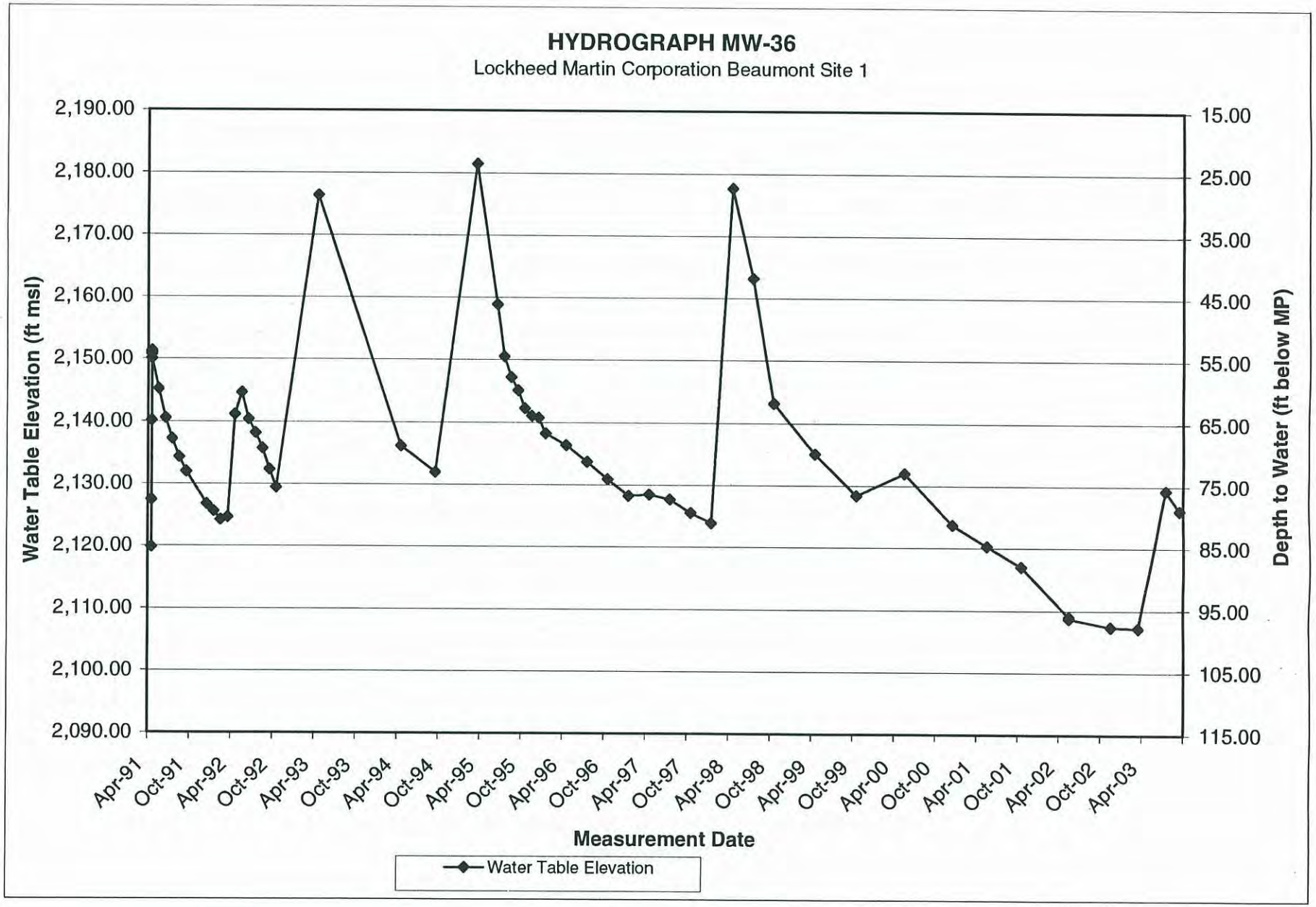

HYDROGRAPH MW-30
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
2,080.00
Depth to Water (ft below MP)
10.00
20.00
30.00
40.00
50.00
60.00
70.00
80.00
Feb-91
Aug-91
Feb-92
Aug-92
Feb-93
Aug-93
Feb-94
Aug-94
Feb-95
Aug-95
Feb-96
Aug-96
Feb-97
Aug-97
Feb-98
Aug-98
Feb-99
Aug-99
Feb-00
Aug-00
Feb-01
Aug-01
Feb-02
Aug-02
Feb-03
Aug-03
Measurement Date
Water Table Elevation

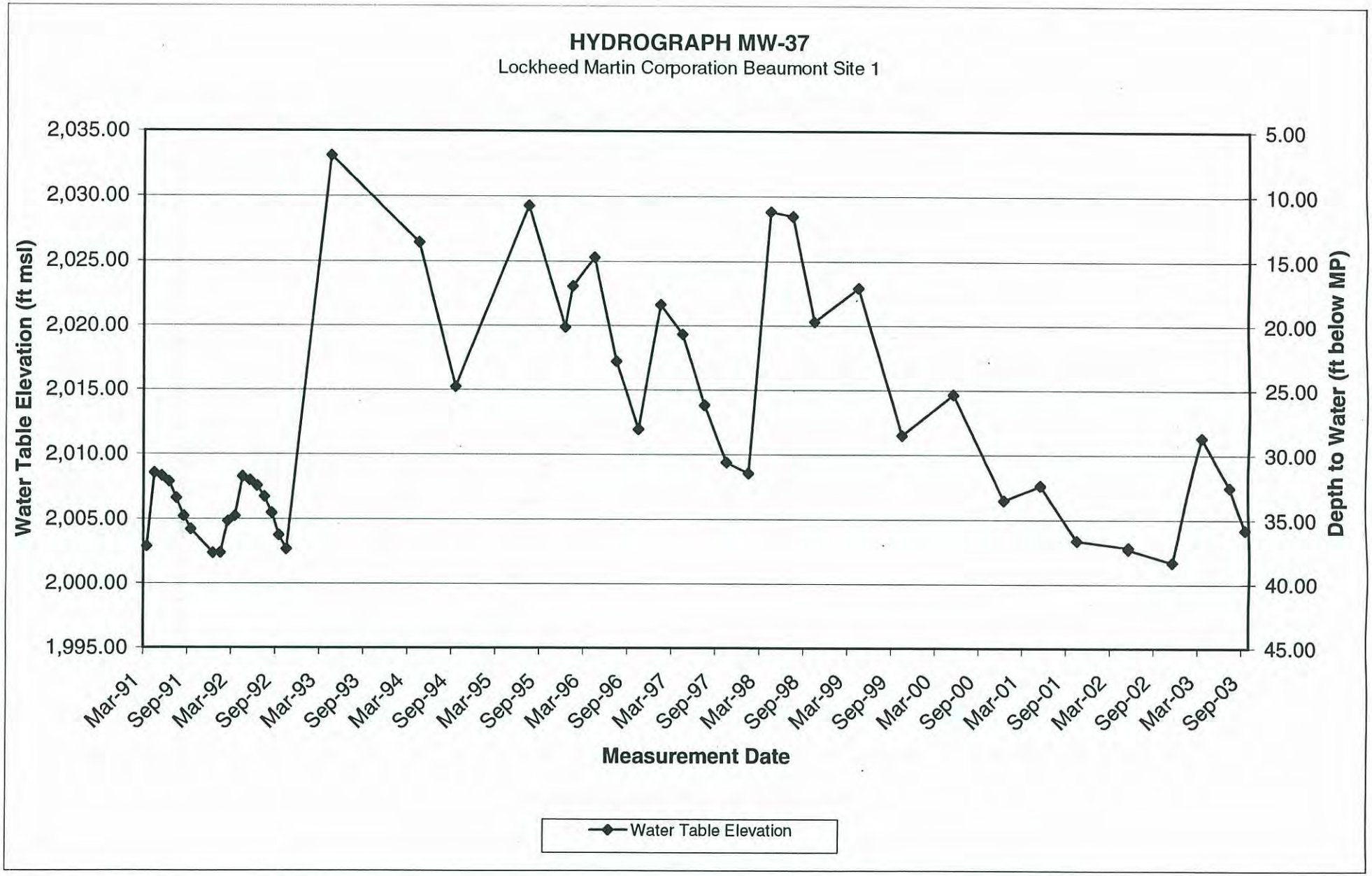

HYDROGRAPH MW-31
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
2,080.00
2,070.00
Depth to Water (ft below MP)
45.00
55.00
65.00
75.00
85.00
95.00
105.00
115.00
Feb-91
Aug-91
Feb-92
Aug-92
Feb-93
Aug-93
Feb-94
Aug-94
Feb-95
Aug-95
Feb-96
Aug-96
Feb-97
Aug-97
Feb-98
Aug-98
Feb-99
Aug-99
Feb-00
Aug-00
Feb-01
Aug-01
Feb-02
Aug-02
Feb-03
Aug-03
Measurement Date
Water Table Elevation

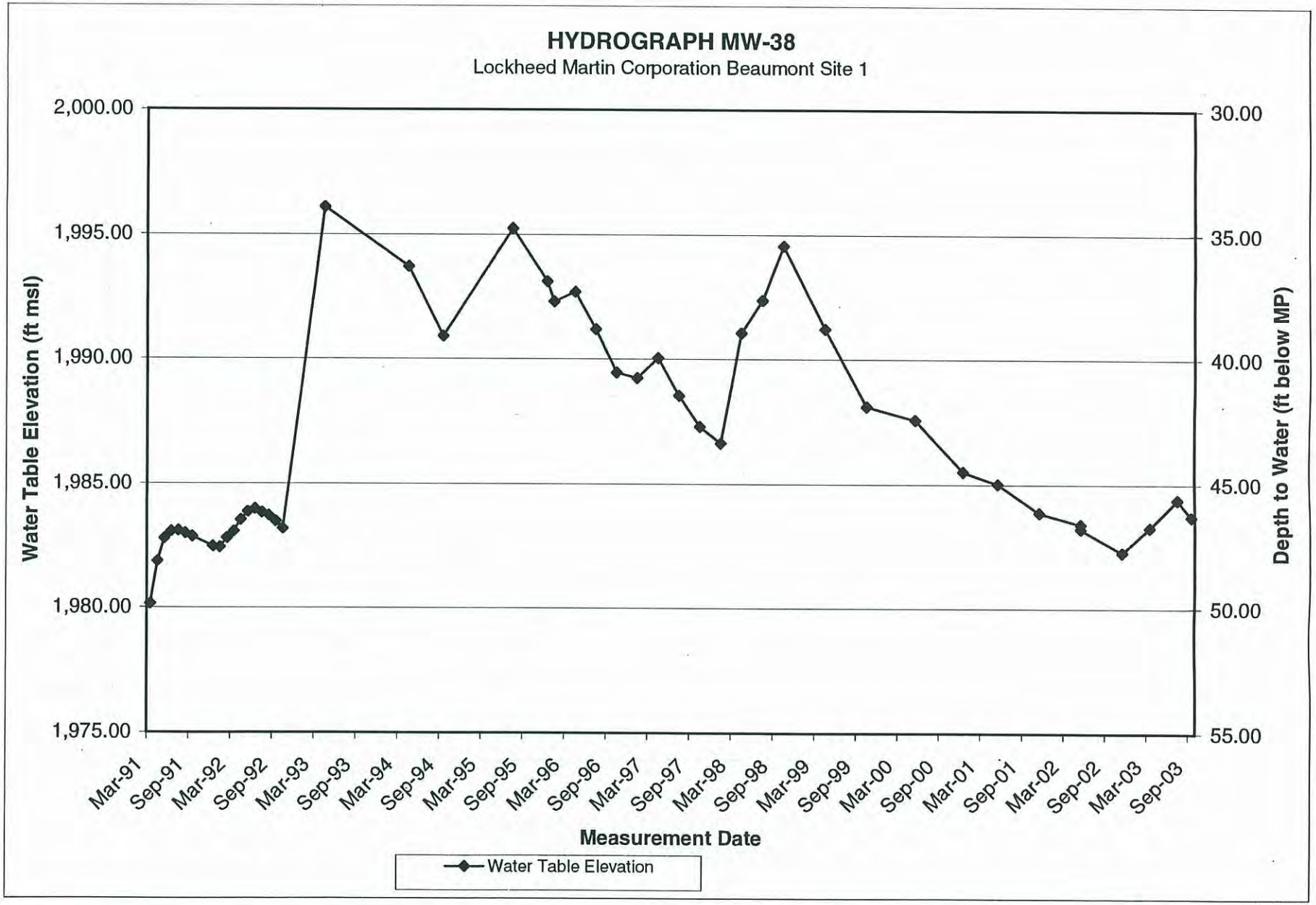

HYDROGRAPH MW-32
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
2,080.00
2,070.00
2,060.00
Depth to Water (ft below MP)
35.00
45.00
55.00
65.00
75.00
85.00
95.00
105.00
115.00
Feb-91
Aug-91
Feb-92
Aug-92
Feb-93
Aug-93
Feb-94
Aug-94
Feb-95
Aug-95
Feb-96
Aug-96
Feb-97
Aug-97
Feb-98
Aug-98
Feb-99
Aug-99
Feb-00
Aug-00
Feb-01
Aug-01
Feb-02
Aug-02
Feb-03
Aug-03
Measurement Date
Water Table Elevation

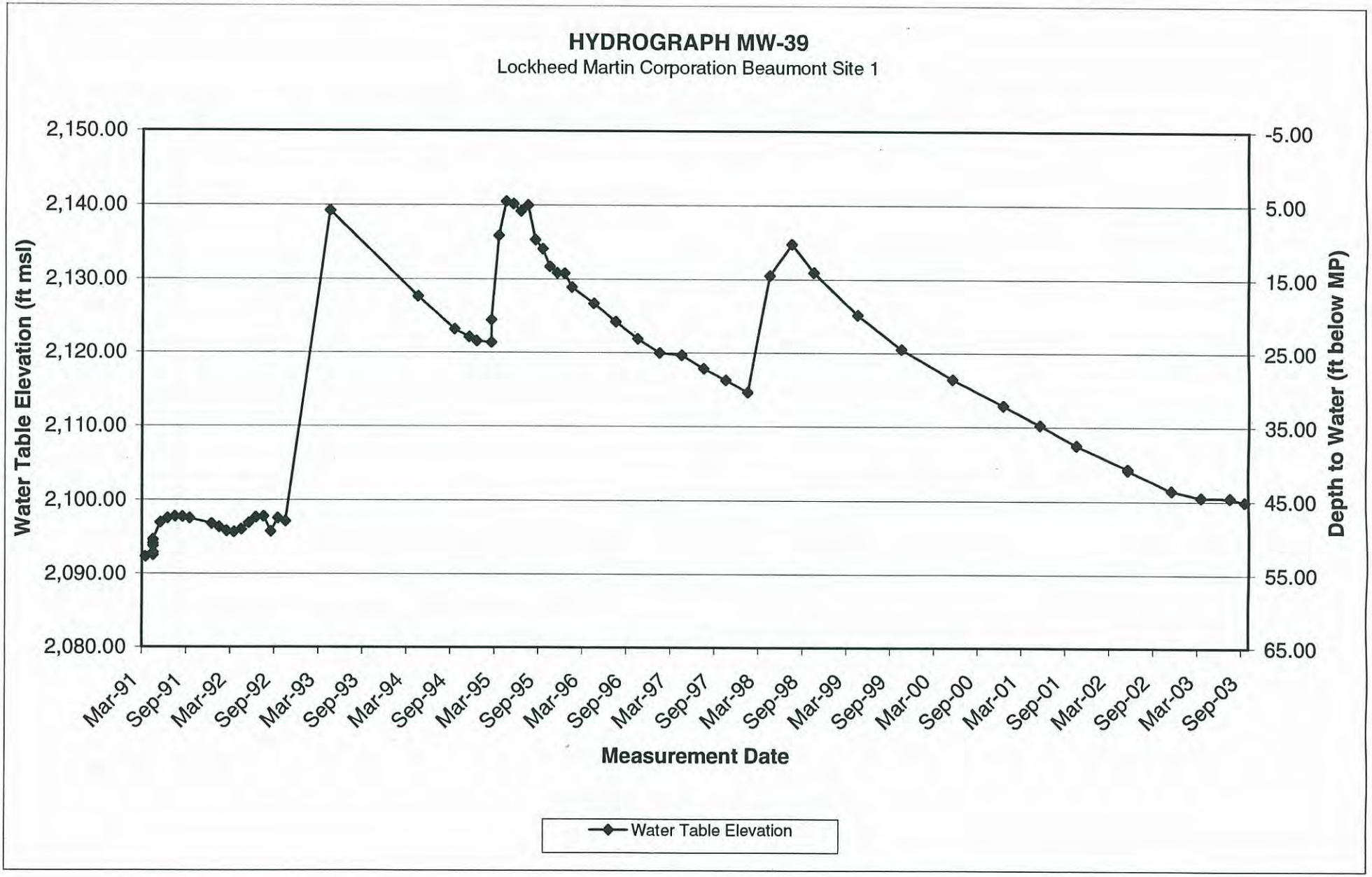

HYDROGRAPH MW-34
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
2,080.00
Depth to Water (ft below MP)
5.00
15.00
25.00
35.00
45.00
55.00
65.00
75.00
Mar-91
Sep-91
Mar-92
Sep-92
Mar-93
Sep-93
Mar-94
Sep-94
Mar-95
Sep-95
Mar-96
Sep-96
Mar-97
Sep-97
Mar-98
Sep-98
Mar-99
Sep-99
Mar-00
Sep-00
Mar-01
Sep-01
Mar-02
Sep-02
Mar-03
Sep-03
Measurement Date
Water Table Elevation

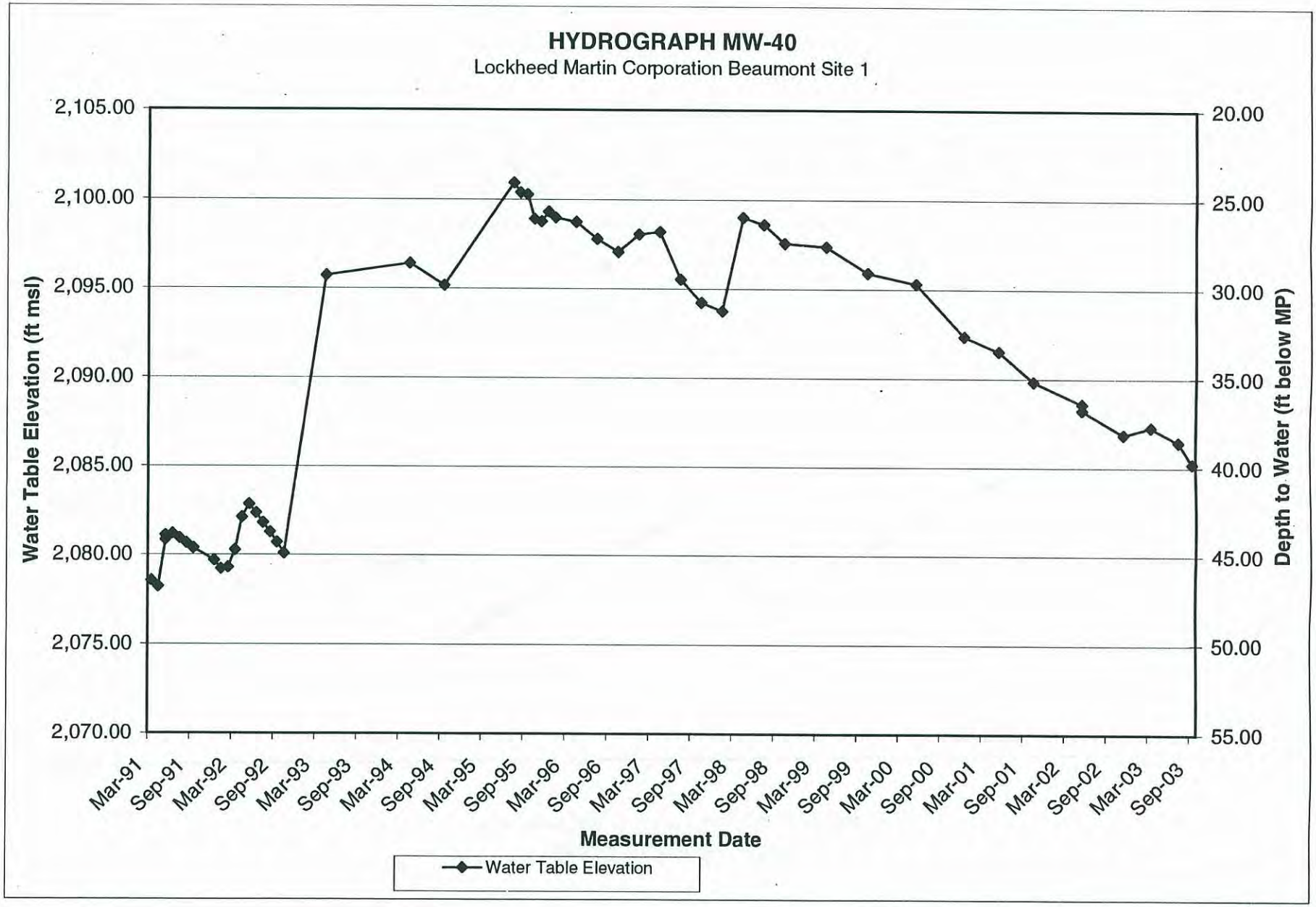

HYDROGRAPH MW-35
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,160.00
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
2,080.00
Depth to Water (ft below MP)
10.00
20.00
30.00
40.00
50.00
60.00
70.00
80.00
90.00
Mar-91
Sep-91
Mar-92
Sep-92
Mar-93
Sep-93
Mar-94
Sep-94
Mar-95
Sep-95
Mar-96
Sep-96
Mar-97
Sep-97
Mar-98
Sep-98
Mar-99
Sep-99
Mar-00
Sep-00
Mar-01
Sep-01
Mar-02
Sep-02
Mar-03
Sep-03
Measurement Date
Water Table Elevation

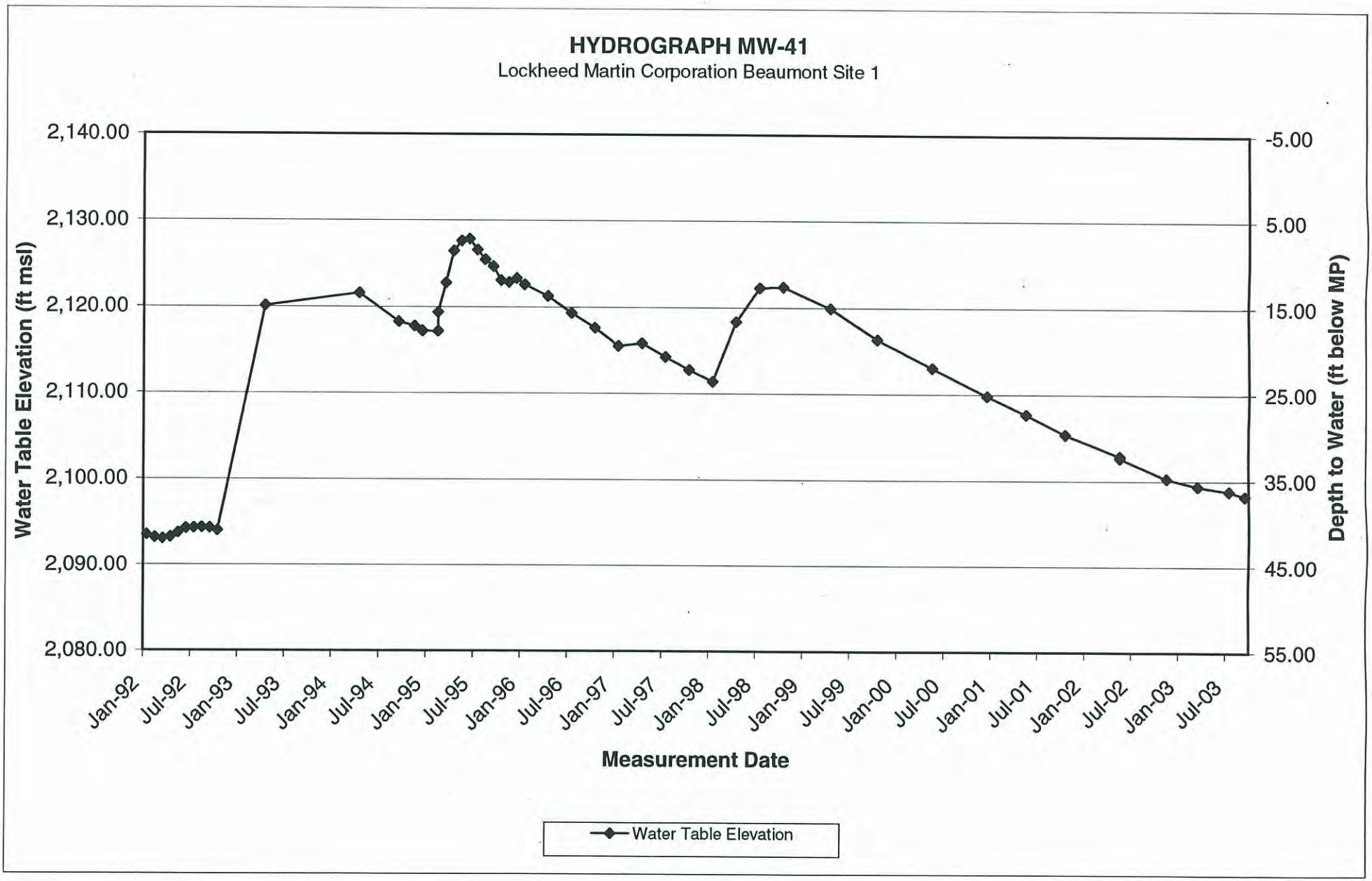

HYDROGRAPH MW-36
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,190.00
2,180.00
2,170.00
2,160.00
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
Depth to Water (ft below MP)
15.00
25.00
35.00
45.00
55.00
65.00
75.00
85.00
95.00
105.00
115.00
Apr-91
Oct-91
Apr-92
Oct-92
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

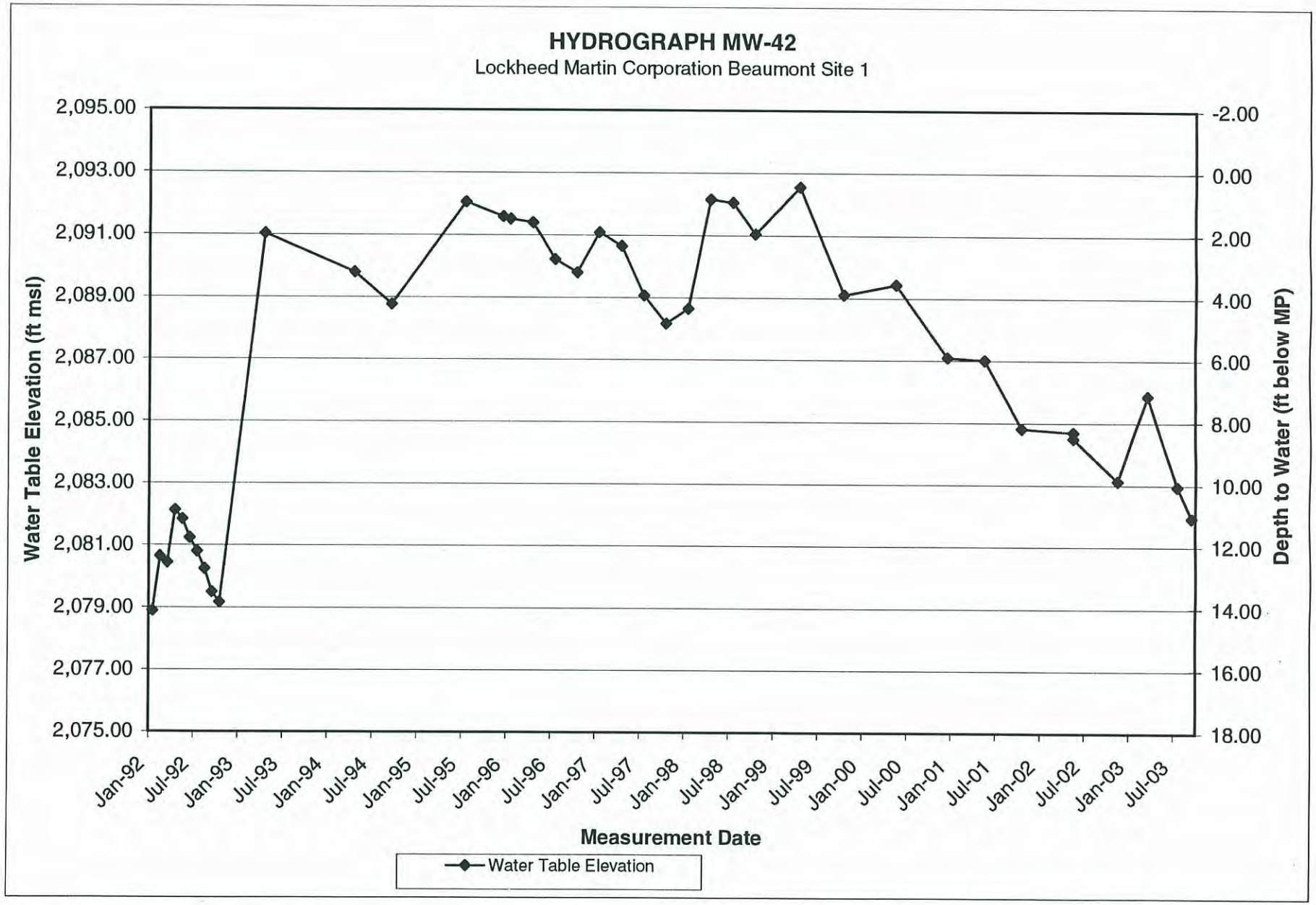

HYDROGRAPH MW-37
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
Depth to Water (ft below MP)
2,035.00
2,030.00
2,025.00
2,020.00
2,015.00
2,010.00
2,005.00
2,000.00
1,995.00
5.00
10.00
15.00
20.00
25.00
30.00
35.00
40.00
45.00
Mar-91
Sep-91
Mar-92
Sep-92
Mar-93
Sep-93
Mar-94
Sep-94
Mar-95
Sep-95
Mar-96
Sep-96
Mar-97
Sep-97
Mar-98
Sep-98
Mar-99
Sep-99
Mar-00
Sep-00
Mar-01
Sep-01
Mar-02
Sep-02
Mar-03
Sep-03
Measurement Date
Water Table Elevation

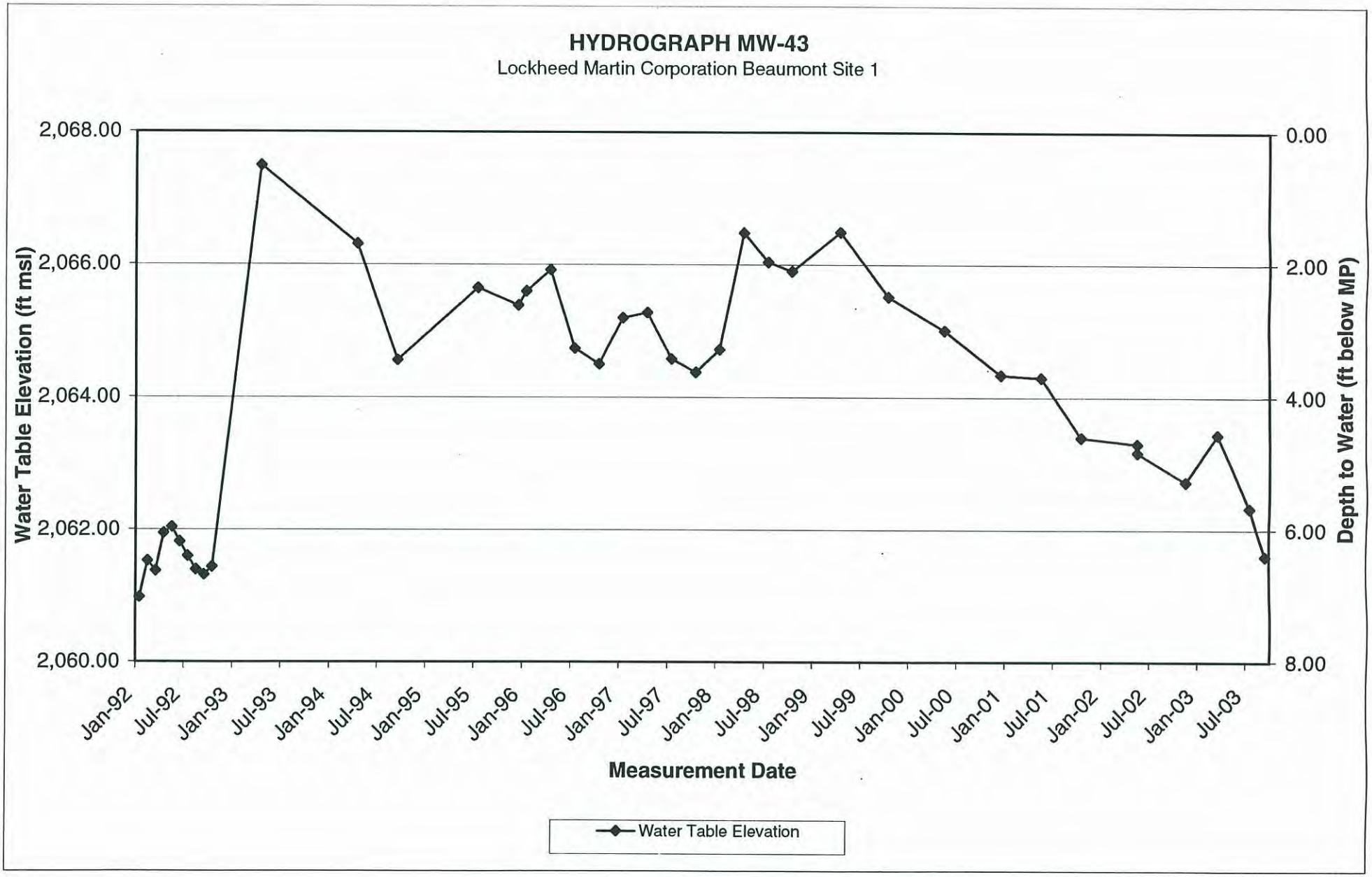

HYDROGRAPH MW-38
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,000.00
1,995.00
1,990.00
1,985.00
1,980.00
1,975.00
Depth to Water (ft below MP)
30.00
35.00
40.00
45.00
50.00
55.00
Mar-91
Sep-91
Mar-92
Sep-92
Mar-93
Sep-93
Mar-94
Sep-94
Mar-95
Sep-95
Mar-96
Sep-96
Mar-97
Sep-97
Mar-98
Sep-98
Mar-99
Sep-99
Mar-00
Sep-00
Mar-01
Sep-01
Mar-02
Sep-02
Mar-03
Sep-03
Measurement Date
Water Table Elevation

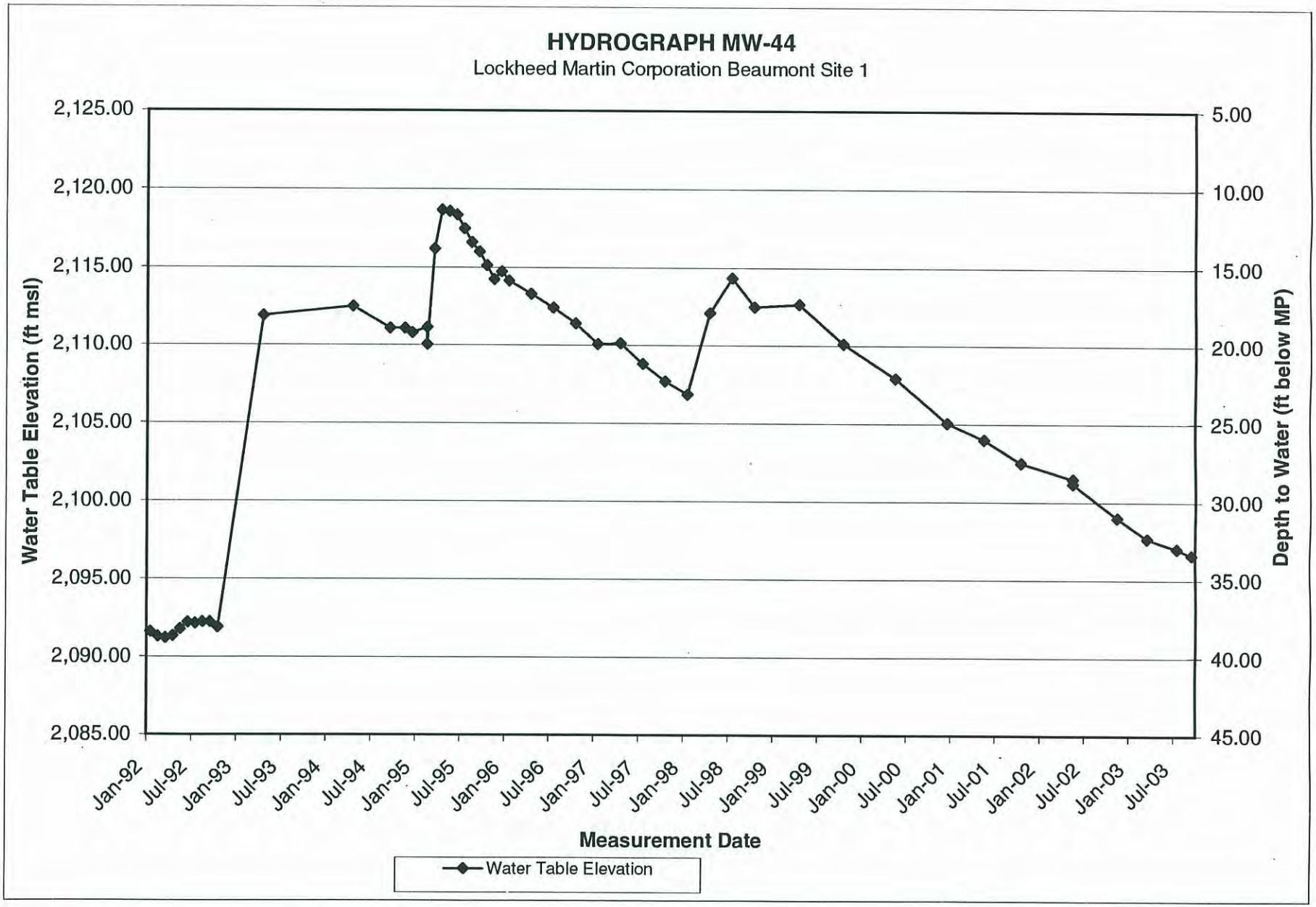

HYDROGRAPH MW-39
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
2,080.00
Depth to Water (ft below MP)
-5.00
5.00
15.00
25.00
35.00
45.00
55.00
65.00
Mar-91
Sep-91
Mar-92
Sep-92
Mar-93
Sep-93
Mar-94
Sep-94
Mar-95
Sep-95
Mar-96
Sep-96
Mar-97
Sep-97
Mar-98
Sep-98
Mar-99
Sep-99
Mar-00
Sep-00
Mar-01
Sep-01
Mar-02
Sep-02
Mar-03
Sep-03
Measurement Date
Water Table Elevation

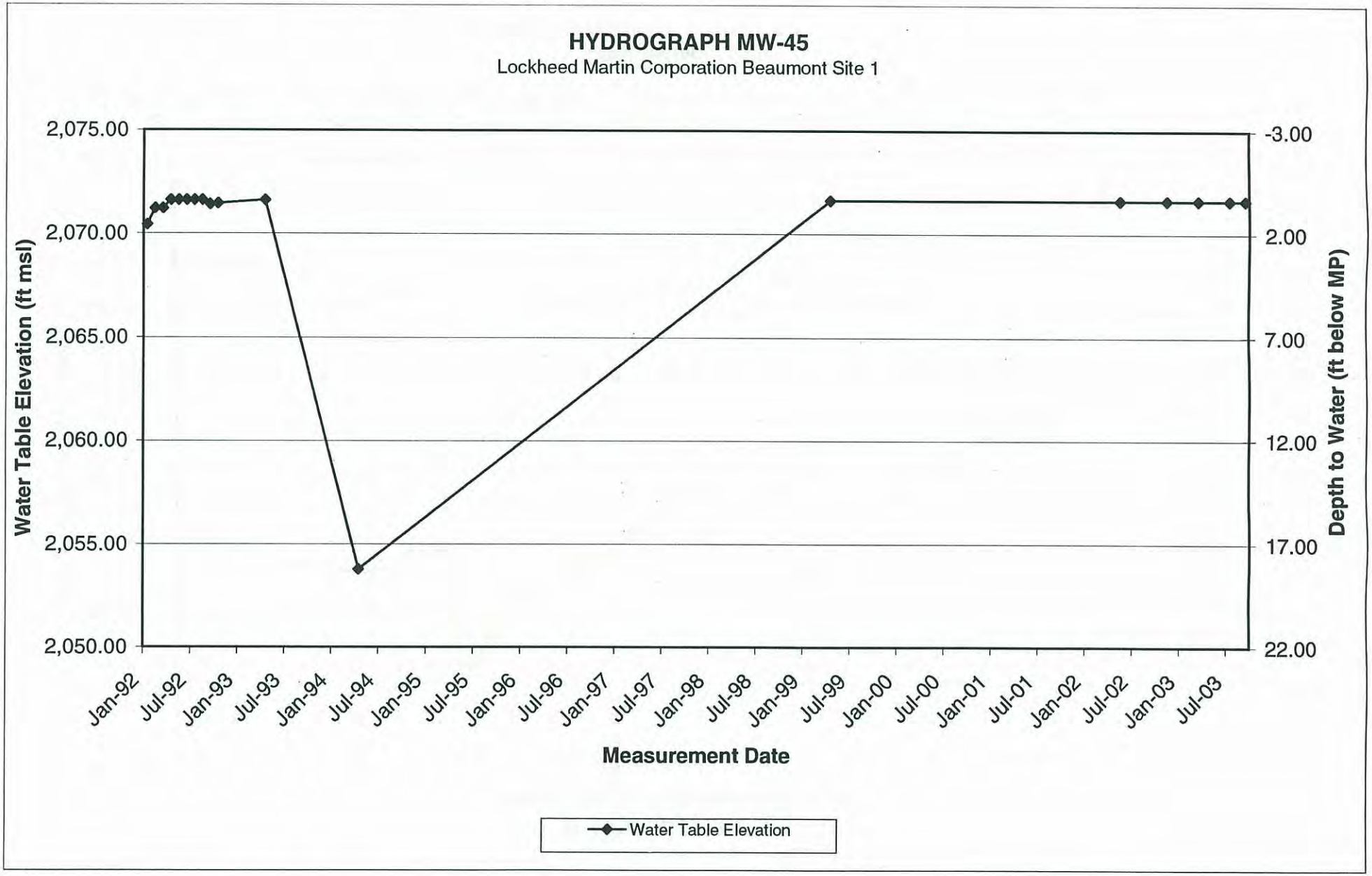

HYDROGRAPH MW-40
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
Depth to Water (ft below MP)
2,105.00
2,100.00
2,095.00
2,090.00
2,085.00
2,080.00
2,075.00
2,070.00
20.00
25.00
30.00
35.00
40.00
45.00
50.00
55.00
Mar-91
Sep-91
Mar-92
Sep-92
Mar-93
Sep-93
Mar-94
Sep-94
Mar-95
Sep-95
Mar-96
Sep-96
Mar-97
Sep-97
Mar-98
Sep-98
Mar-99
Sep-99
Mar-00
Sep-00
Mar-01
Sep-01
Mar-02
Sep-02
Mar-03
Sep-03
Measurement Date
Water Table Elevation

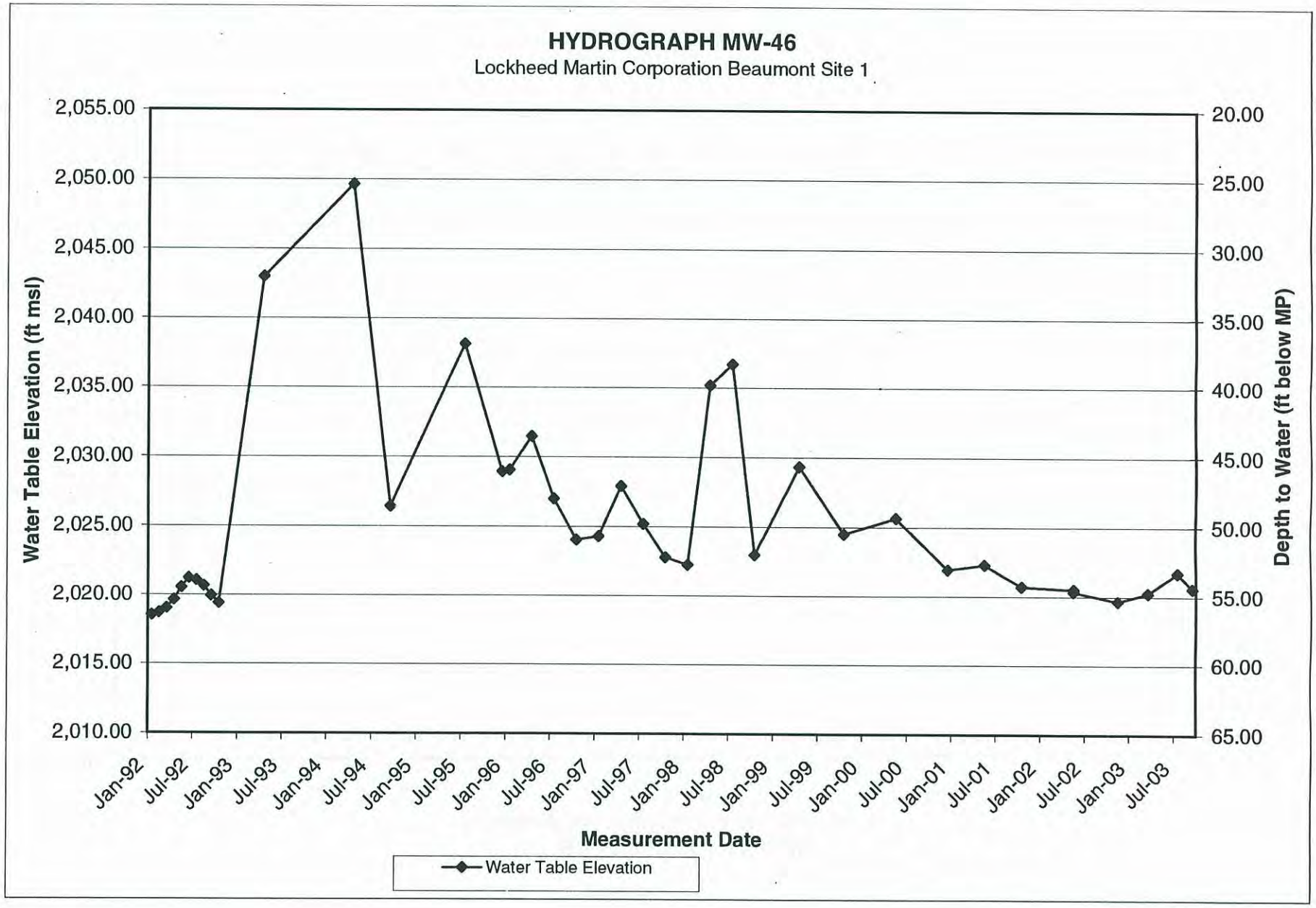

HYDROGRAPH MW-41
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
2,080.00
Depth to Water (ft below MP)
-5.00
5.00
15.00
25.00
35.00
45.00
55.00
Jan-92
Jul-92
Jan-93
Jul-93
Jan-94
Jul-94
Jan-95
Jul-95
Jan-96
Jul-96
Jan-97
Jul-97
Jan-98
Jul-98
Jan-99
Jul-99
Jan-00
Jul-00
Jan-01
Jul-01
Jan-02
Jul-02
Jan-03
Jul-03
Measurement Date
Water Table Elevation

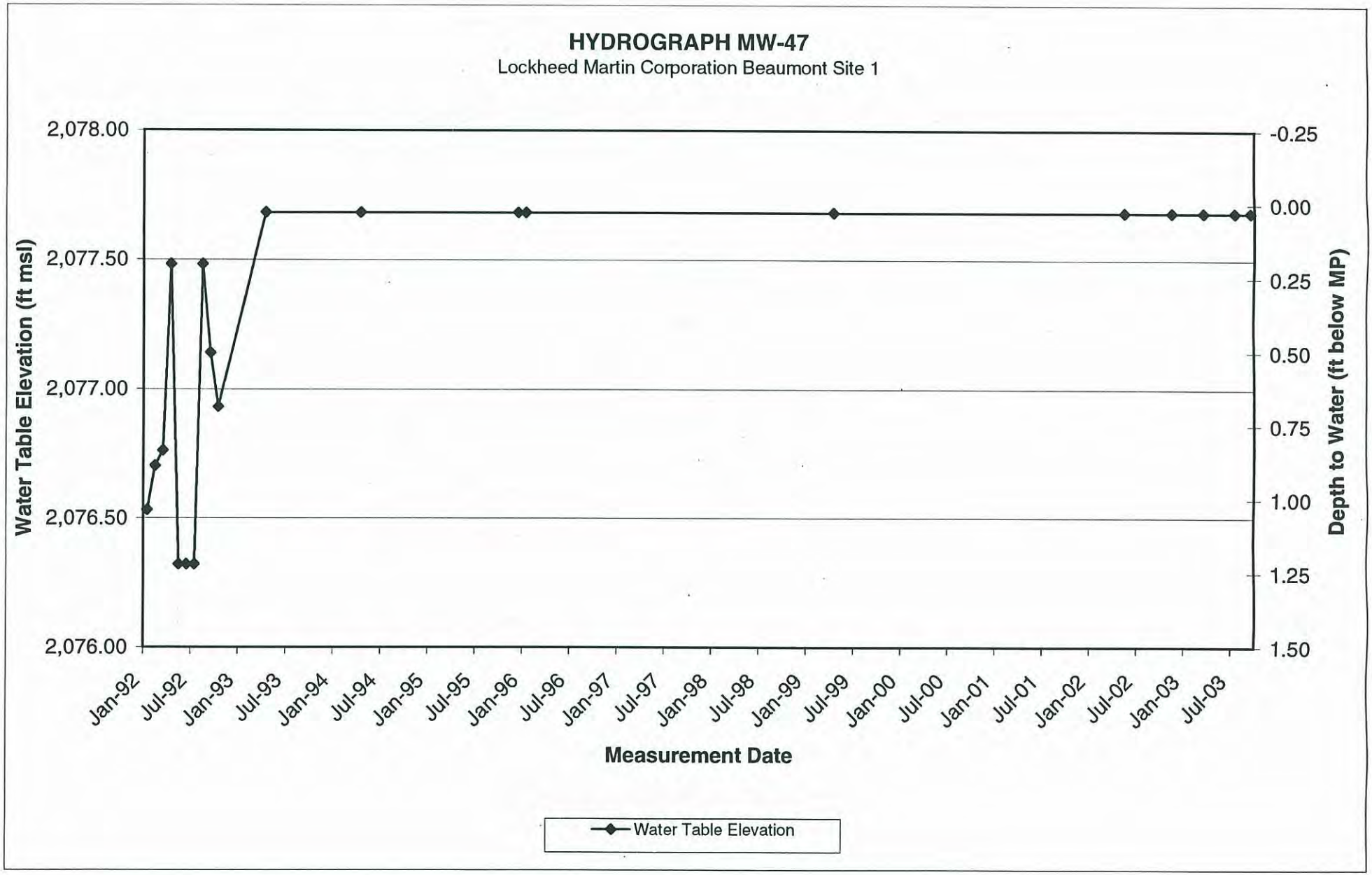

HYDROGRAPH MW-42
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,095.00
2,093.00
2,091.00
2,089.00
2,087.00
2,085.00
2,083.00
2,081.00
2,079.00
2,077.00
2,075.00
Depth to Water (ft below MP)
-2.00
0.00
2.00
4.00
6.00
8.00
10.00
12.00
14.00
16.00
18.00
Jan-92
Jul-92
Jan-93
Jul-93
Jan-94
Jul-94
Jan-95
Jul-95
Jan-96
Jul-96
Jan-97
Jul-97
Jan-98
Jul-98
Jan-99
Jul-99
Jan-00
Jul-00
Jan-01
Jul-01
Jan-02
Jul-02
Jan-03
Jul-03
Measurement Date
Water Table Elevation

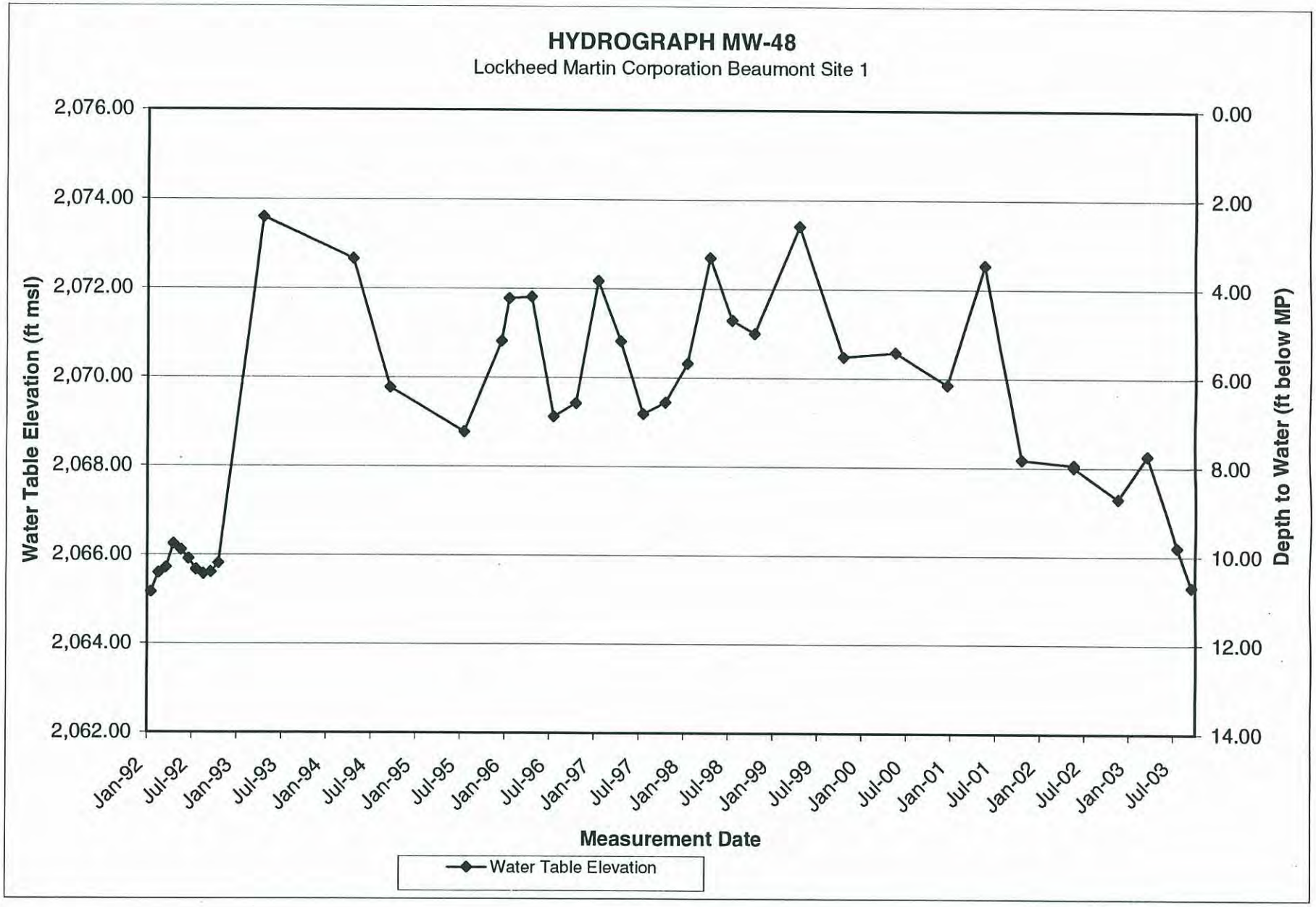

HYDROGRAPH MW-43
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,068.00
2,066.00
2,064.00
2,062.00
2,060.00
Depth to Water (ft below MP)
0.00
2.00
4.00
6.00
8.00
Jan-92
Jul-92
Jan-93
Jul-93
Jan-94
Jul-94
Jan-95
Jul-95
Jan-96
Jul-96
Jan-97
Jul-97
Jan-98
Jul-98
Jan-99
Jul-99
Jan-00
Jul-00
Jan-01
Jul-01
Jan-02
Jul-02
Jan-03
Jul-03
Measurement Date
Water Table Elevation

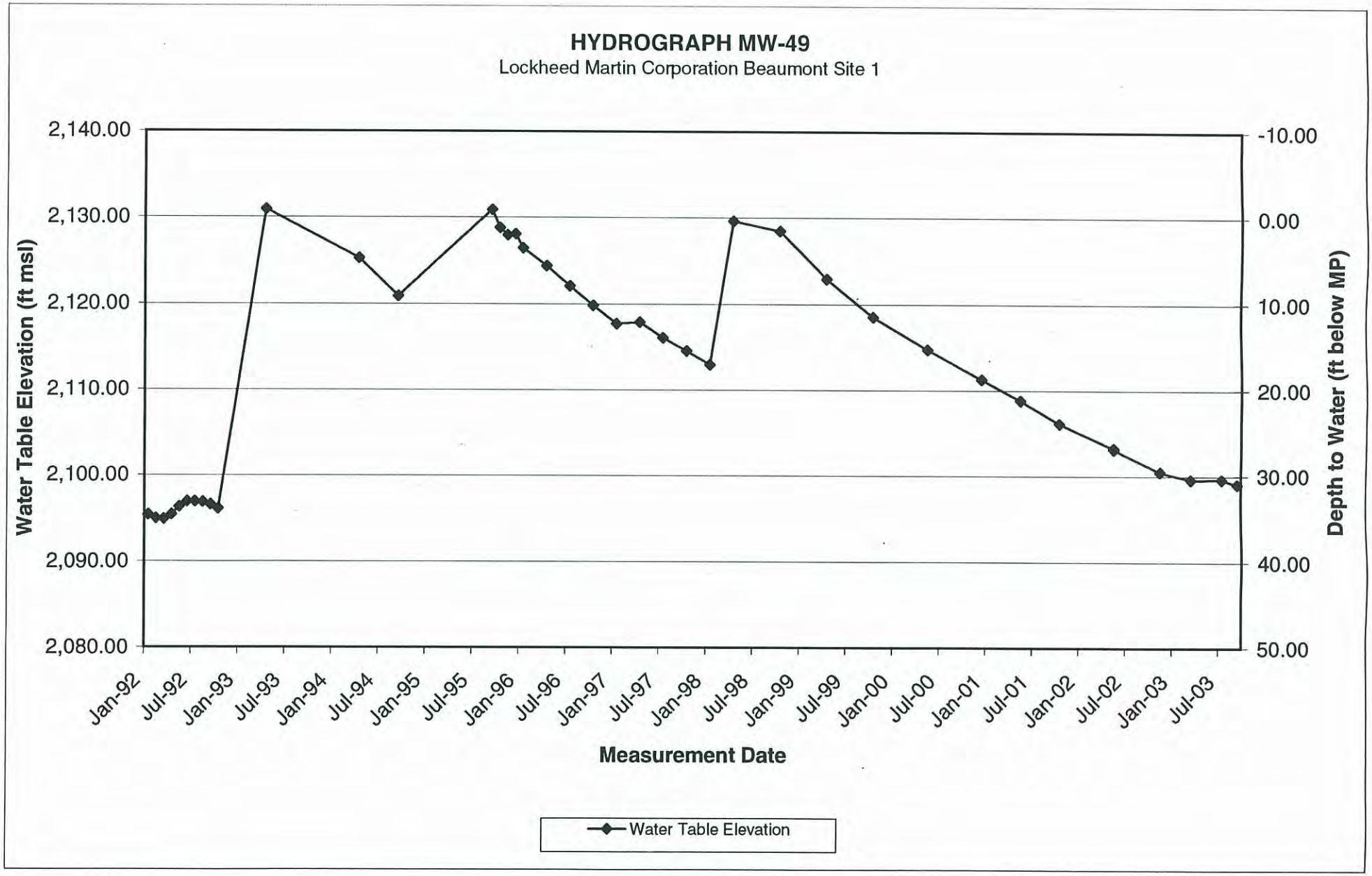

HYDROGRAPH MW-44
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,125.00
2,120.00
2,115.00
2,110.00
2,105.00
2,100.00
2,095.00
2,090.00
2,085.00
Depth to Water (ft below MP)
5.00
10.00
15.00
20.00
25.00
30.00
35.00
40.00
45.00
Jan-92
Jul-92
Jan-93
Jul-93
Jan-94
Jul-94
Jan-95
Jul-95
Jan-96
Jul-96
Jan-97
Jul-97
Jan-98
Jul-98
Jan-99
Jul-99
Jan-00
Jul-00
Jan-01
Jul-01
Jan-02
Jul-02
Jan-03
Jul-03
Measurement Date
Water Table Elevation

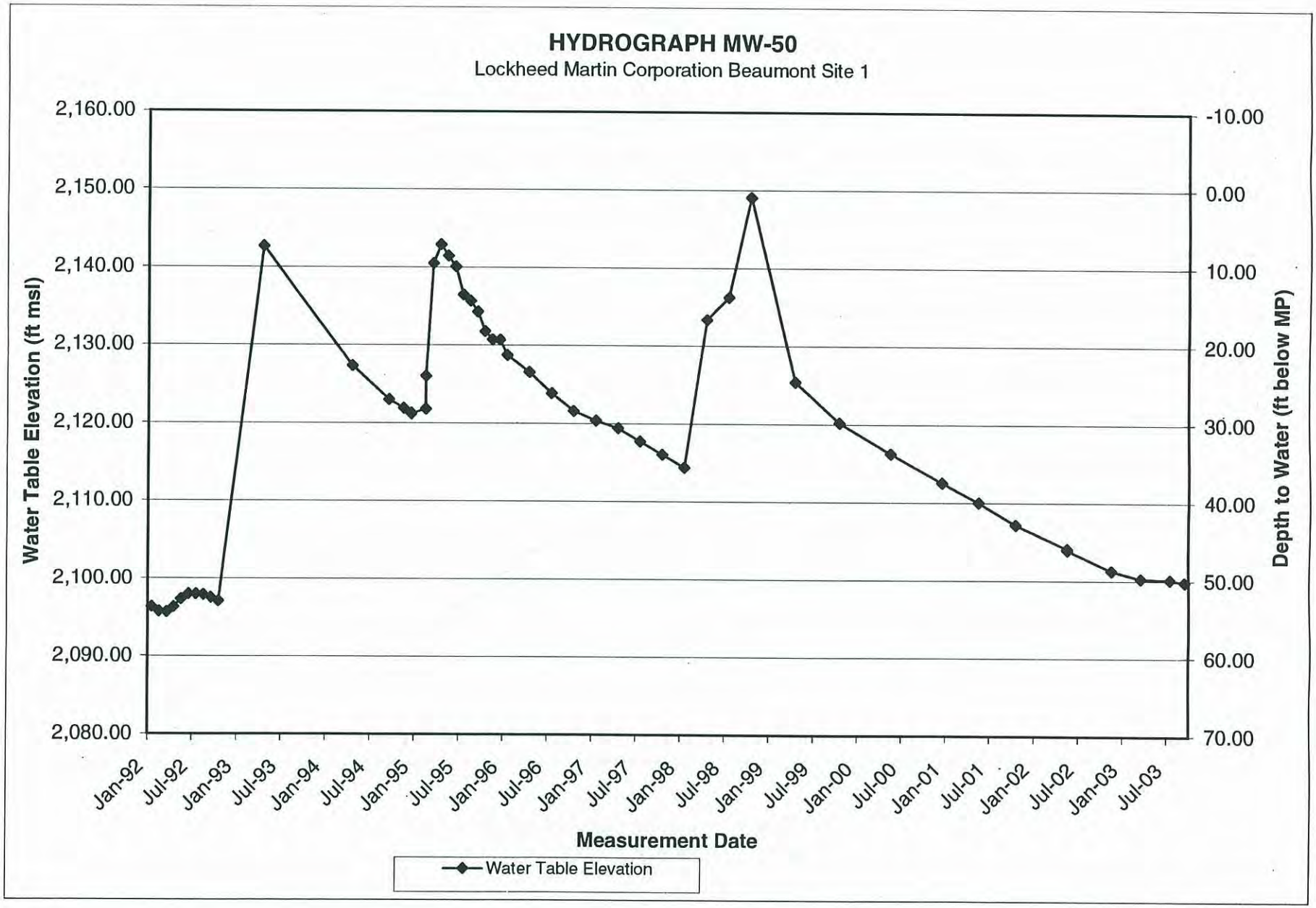

HYDROGRAPH MW-45
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,075.00
2,070.00
2,065.00
2,060.00
2,055.00
2,050.00
-3.00
2.00
7.00
12.00
17.00
22.00
Depth to Water (ft below MP)
Jan-92
Jul-92
Jan-93
Jul-93
Jan-94
Jul-94
Jan-95
Jul-95
Jan-96
Jul-96
Jan-97
Jul-97
Jan-98
Jul-98
Jan-99
Jul-99
Jan-00
Jul-00
Jan-01
Jul-01
Jan-02
Jul-02
Jan-03
Jul-03
Measurement Date
Water Table Elevation

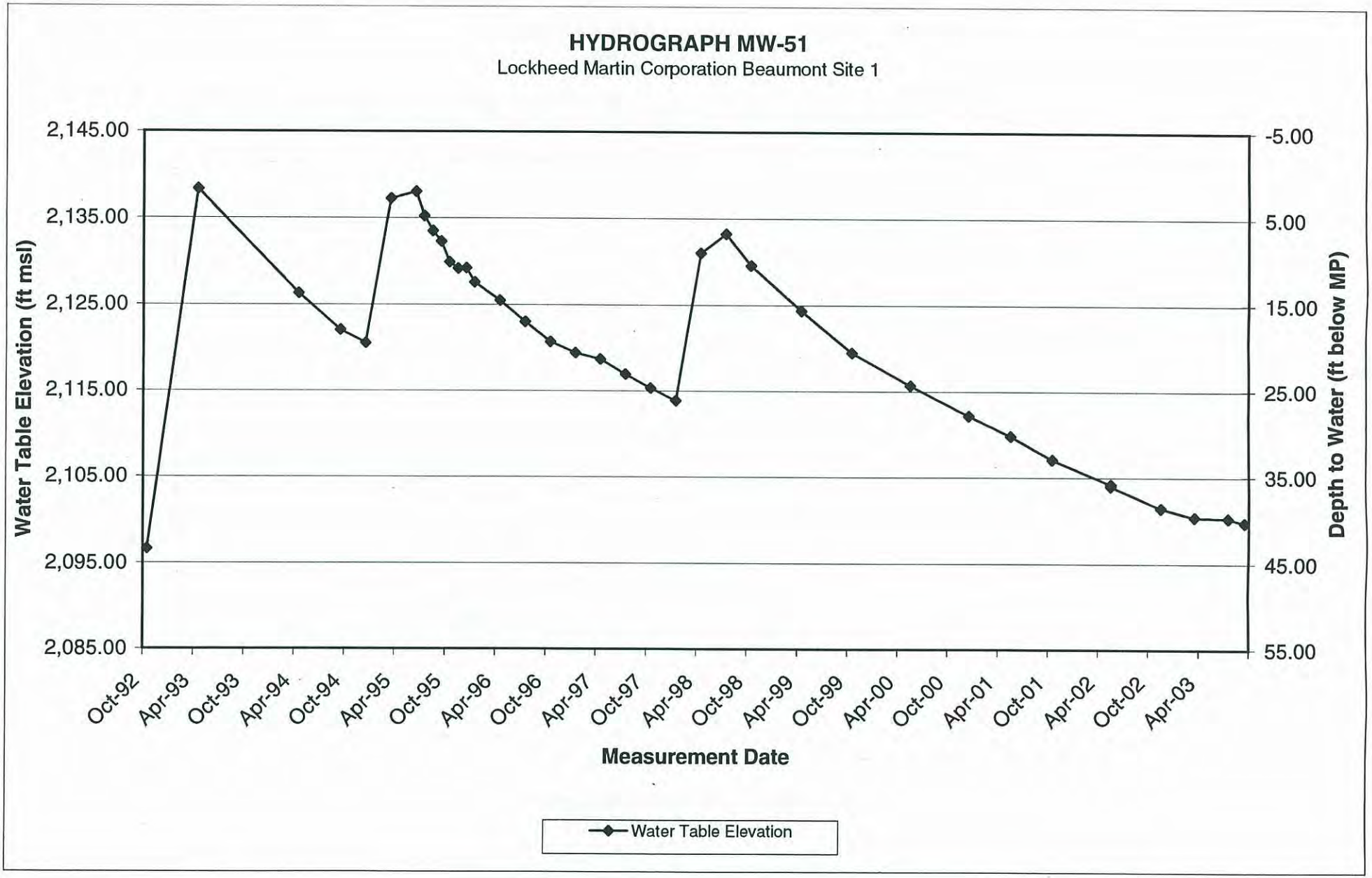

HYDROGRAPH MW-46
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,055.00
2,050.00
2,045.00
2,040.00
2,035.00
2,030.00
2,025.00
2,020.00
2,015.00
2,010.00
Depth to Water (ft below MP)
20.00
25.00
30.00
35.00
40.00
45.00
50.00
55.00
60.00
65.00
Jan-92
Jul-92
Jan-93
Jul-93
Jan-94
Jul-94
Jan-95
Jul-95
Jan-96
Jul-96
Jan-97
Jul-97
Jan-98
Jul-98
Jan-99
Jul-99
Jan-00
Jul-00
Jan-01
Jul-01
Jan-02
Jul-02
Jan-03
Jul-03
Measurement Date
Water Table Elevation

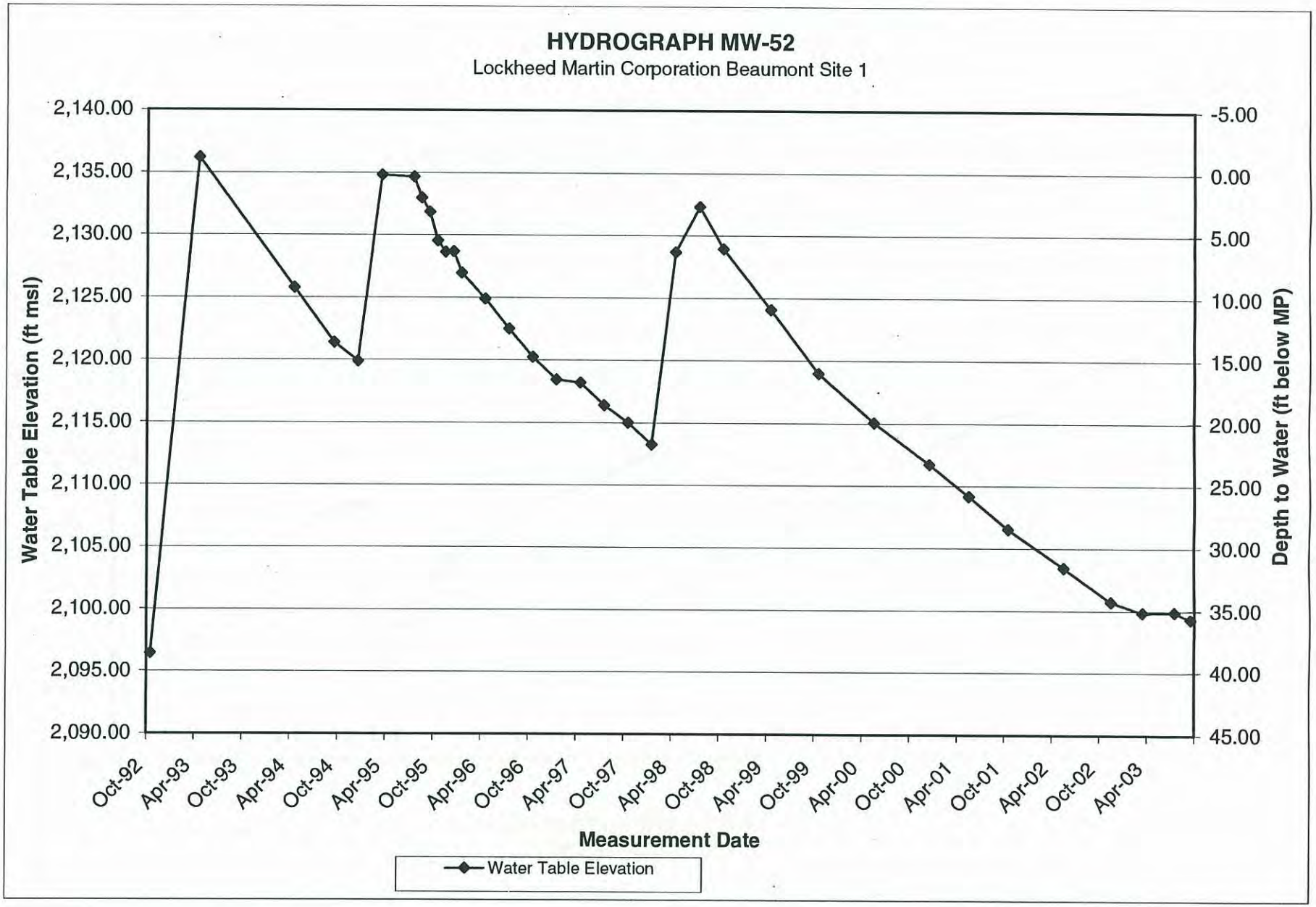

HYDROGRAPH MW-47
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,078.00
2,077.50
2,077.00
2,076.50
2,076.00
Depth to Water (ft below MP)
-0.25
0.00
0.25
0.50
0.75
1.00
1.25
1.50
Jan-92
Jul-92
Jan-93
Jul-93
Jan-94
Jul-94
Jan-95
Jul-95
Jan-96
Jul-96
Jan-97
Jul-97
Jan-98
Jul-98
Jan-99
Jul-99
Jan-00
Jul-00
Jan-01
Jul-01
Jan-02
Jul-02
Jan-03
Jul-03
Measurement Date
Water Table Elevation

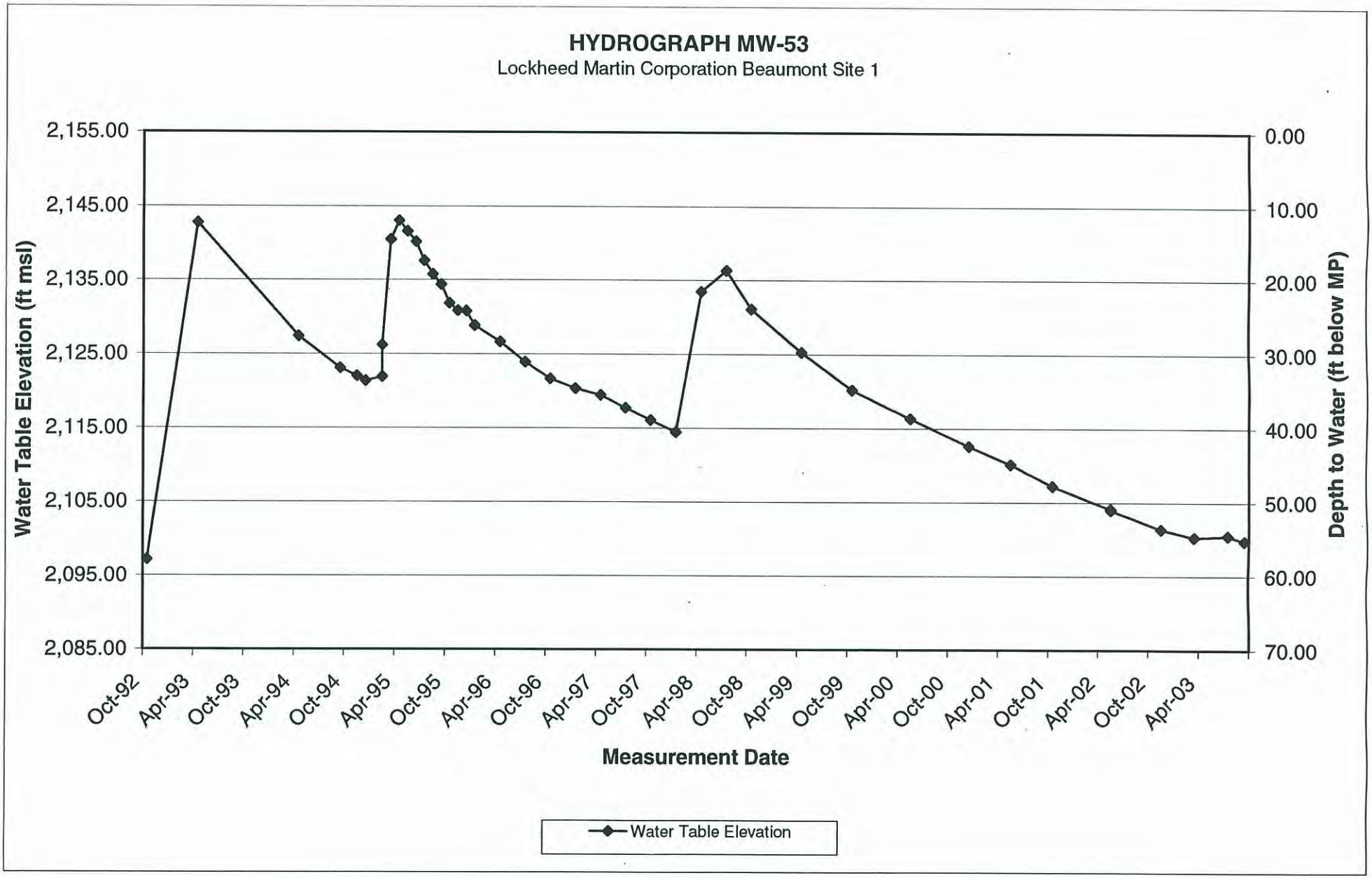

HYDROGRAPH MW-48
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,076.00
2,074.00
2,072.00
2,070.00
2,068.00
2,066.00
2,064.00
2,062.00
Depth to Water (ft below MP)
0.00
2.00
4.00
6.00
8.00
10.00
12.00
14.00
Jan-92
Jul-92
Jan-93
Jul-93
Jan-94
Jul-94
Jan-95
Jul-95
Jan-96
Jul-96
Jan-97
Jul-97
Jan-98
Jul-98
Jan-99
Jul-99
Jan-00
Jul-00
Jan-01
Jul-01
Jan-02
Jul-02
Jan-03
Jul-03
Measurement Date
Water Table Elevation

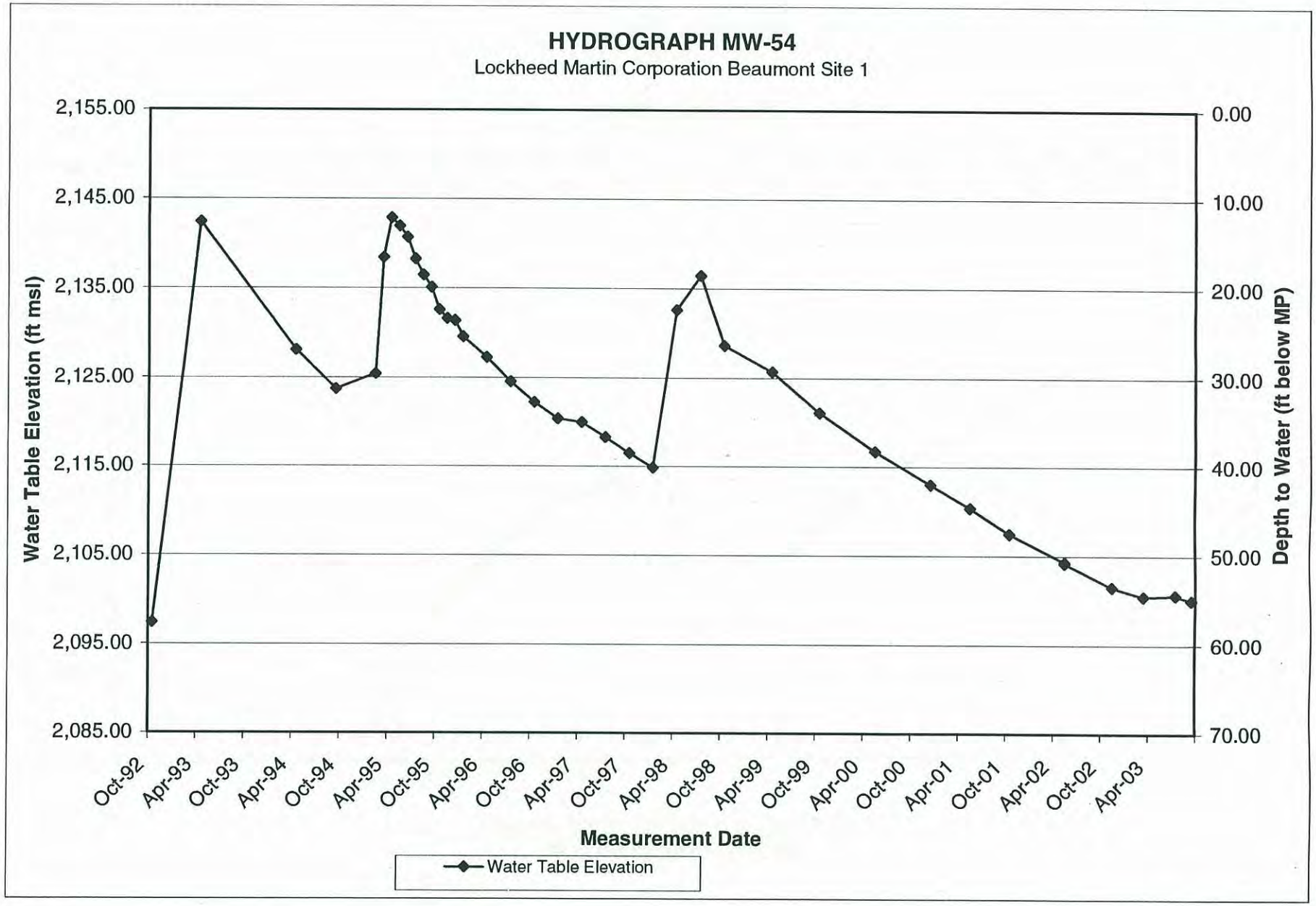

HYDROGRAPH MW-49
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
2,080.00
Depth to Water (ft below MP)
-10.00
0.00
10.00
20.00
30.00
40.00
50.00
Jan-92
Jul-92
Jan-93
Jul-93
Jan-94
Jul-94
Jan-95
Jul-95
Jan-96
Jul-96
Jan-97
Jul-97
Jan-98
Jul-98
Jan-99
Jul-99
Jan-00
Jul-00
Jan-01
Jul-01
Jan-02
Jul-02
Jan-03
Jul-03
Measurement Date
Water Table Elevation

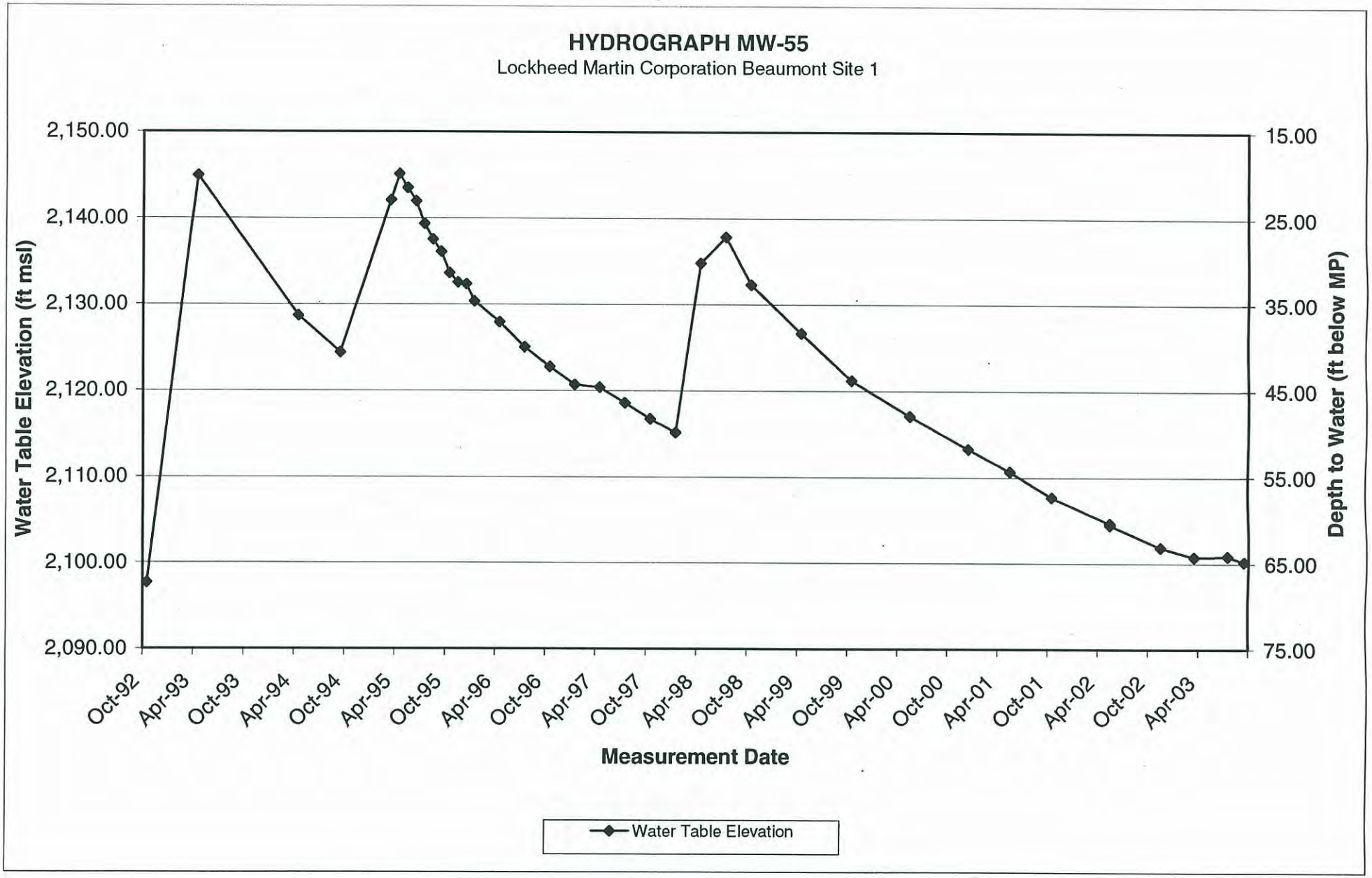

HYDROGRAPH MW-50
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,160.00
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
2,080.00
Depth to Water (ft below MP)
-10.00
0.00
10.00
20.00
30.00
40.00
50.00
60.00
70.00
Jan-92
Jul-92
Jan-93
Jul-93
Jan-94
Jul-94
Jan-95
Jul-95
Jan-96
Jul-96
Jan-97
Jul-97
Jan-98
Jul-98
Jan-99
Jul-99
Jan-00
Jul-00
Jan-01
Jul-01
Jan-02
Jul-02
Jan-03
Jul-03
Measurement Date
Water Table Elevation

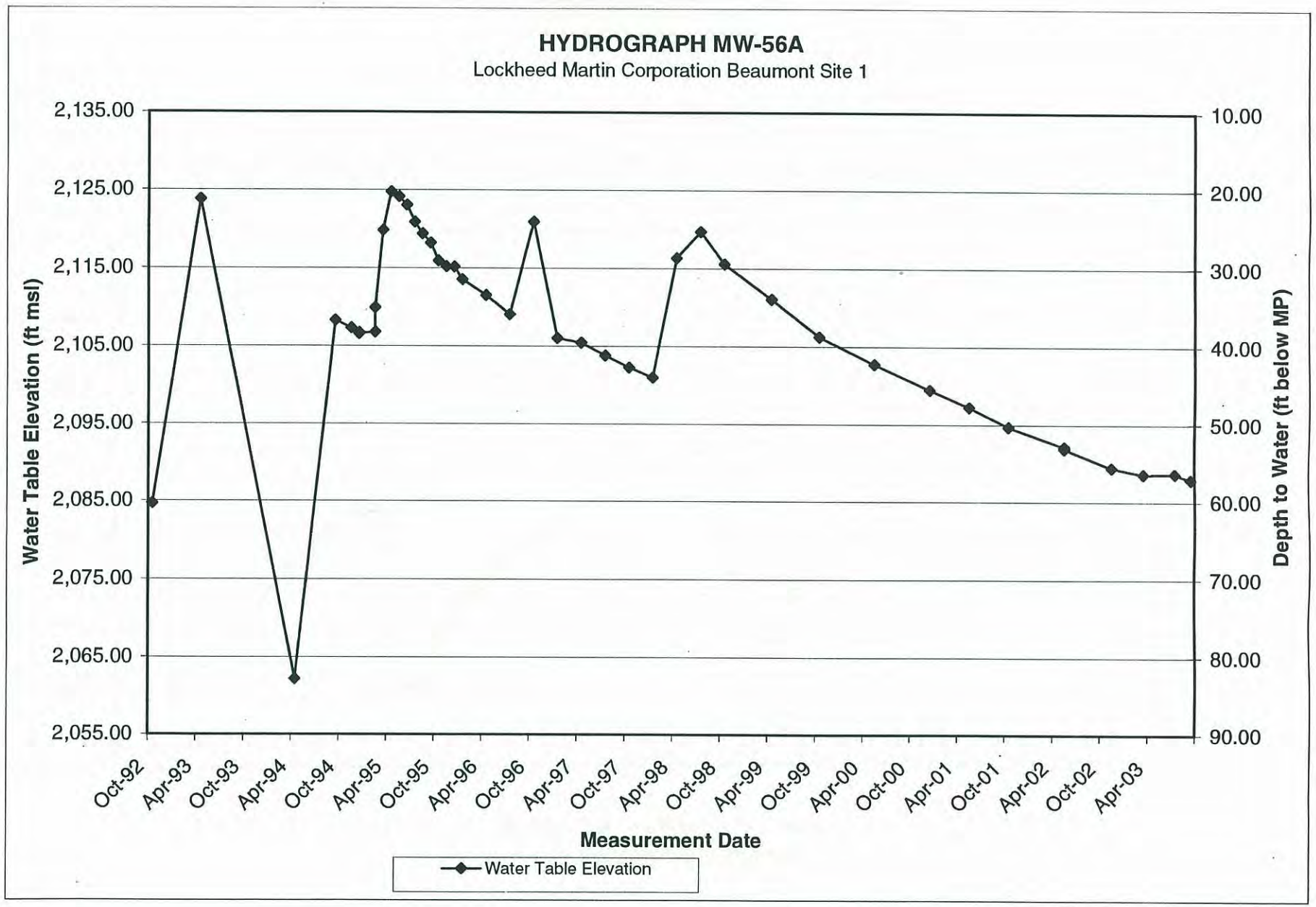

HYDROGRAPH MW-51
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,145.00
2,135.00
2,125.00
2,115.00
2,105.00
2,095.00
2,085.00
Depth to Water (ft below MP)
-5.00
5.00
15.00
25.00
35.00
45.00
55.00
Oct-92
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

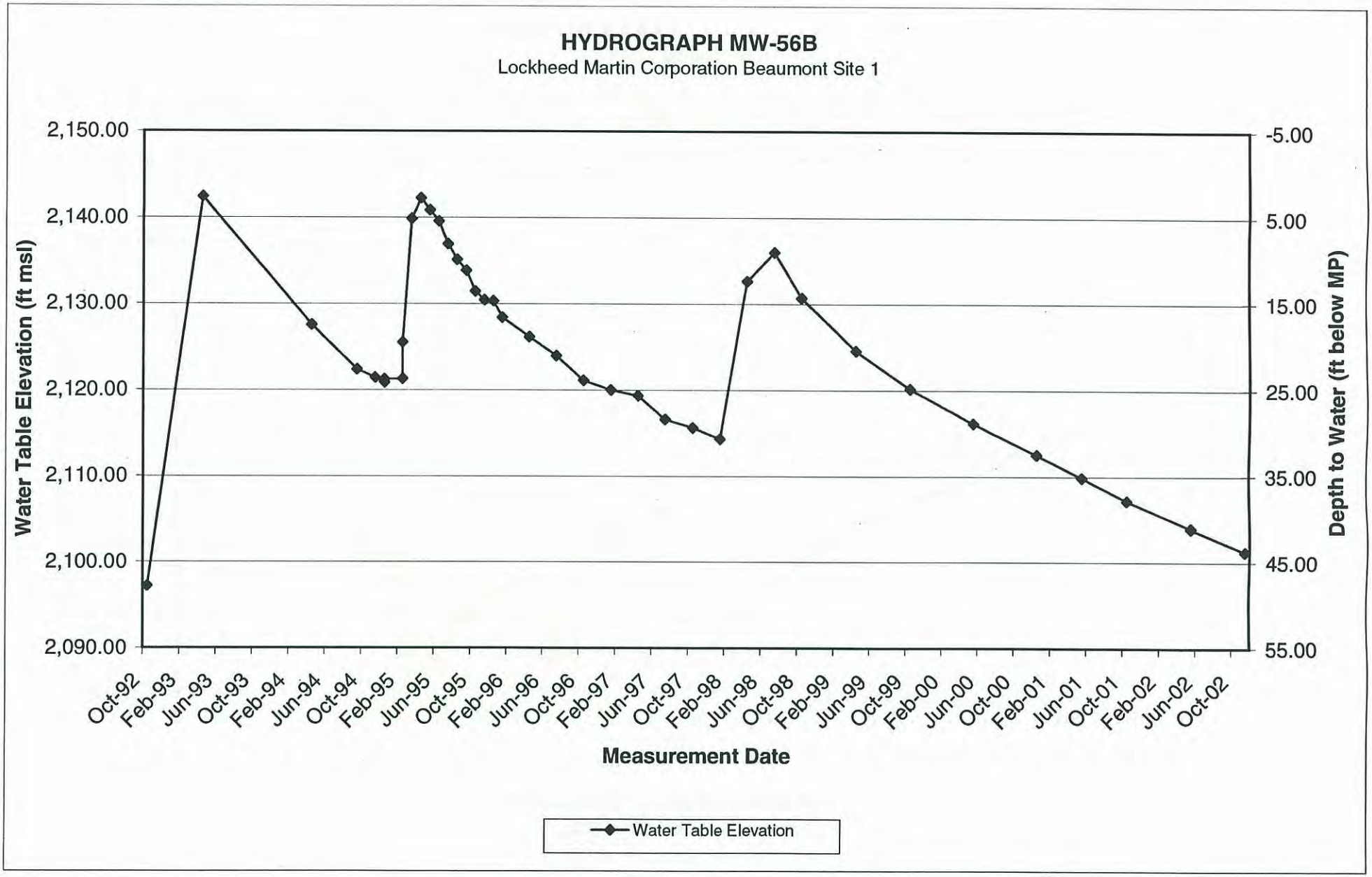

HYDROGRAPH MW-52
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,140.00
2,135.00
2,130.00
2,125.00
2,120.00
2,115.00
2,110.00
2,105.00
2,100.00
2,095.00
2,090.00
Depth to Water (ft below MP)
-5.00
0.00
5.00
10.00
15.00
20.00
25.00
30.00
35.00
40.00
45.00
Oct-92
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

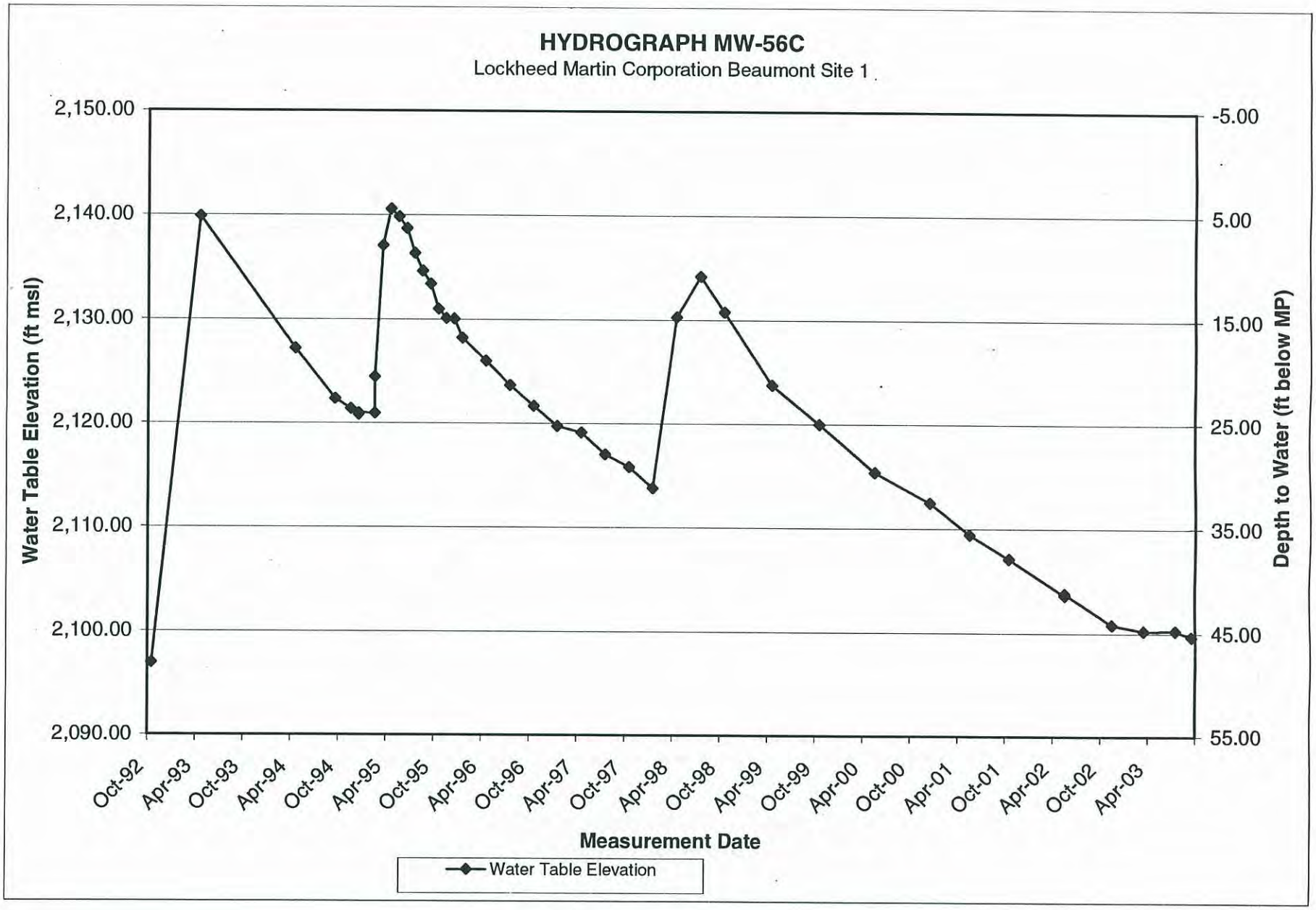

HYDROGRAPH MW-53
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,155.00
2,145.00
2,135.00
2,125.00
2,115.00
2,105.00
2,095.00
2,085.00
Depth to Water (ft below MP)
0.00
10.00
20.00
30.00
40.00
50.00
60.00
70.00
Oct-92
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

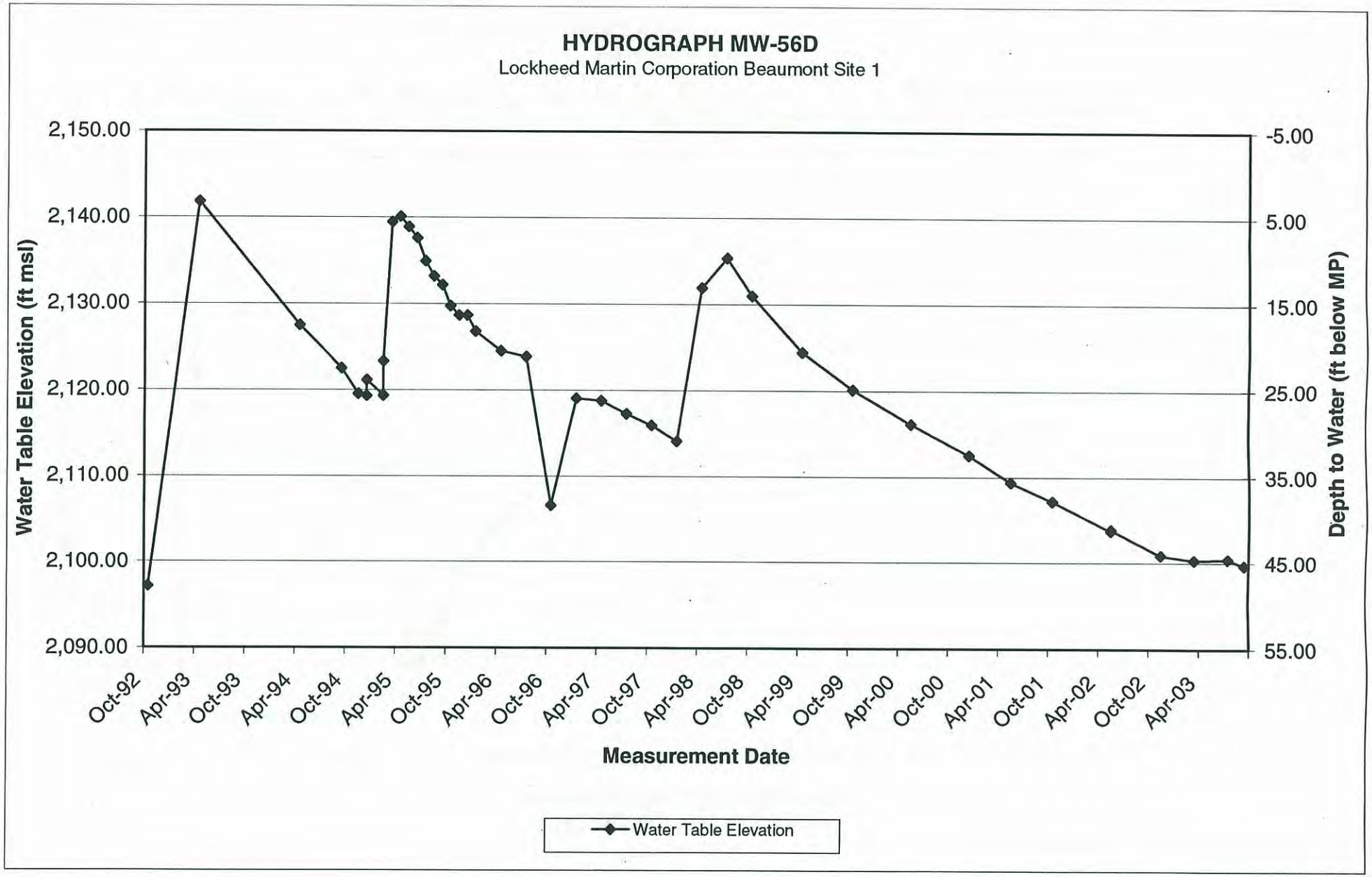

HYDROGRAPH MW-54
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,155.00
2,145.00
2,135.00
2,125.00
2,115.00
2,105.00
2,095.00
2,085.00
Depth to Water (ft below MP)
0.00
10.00
20.00
30.00
40.00
50.00
60.00
70.00
Oct-92
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

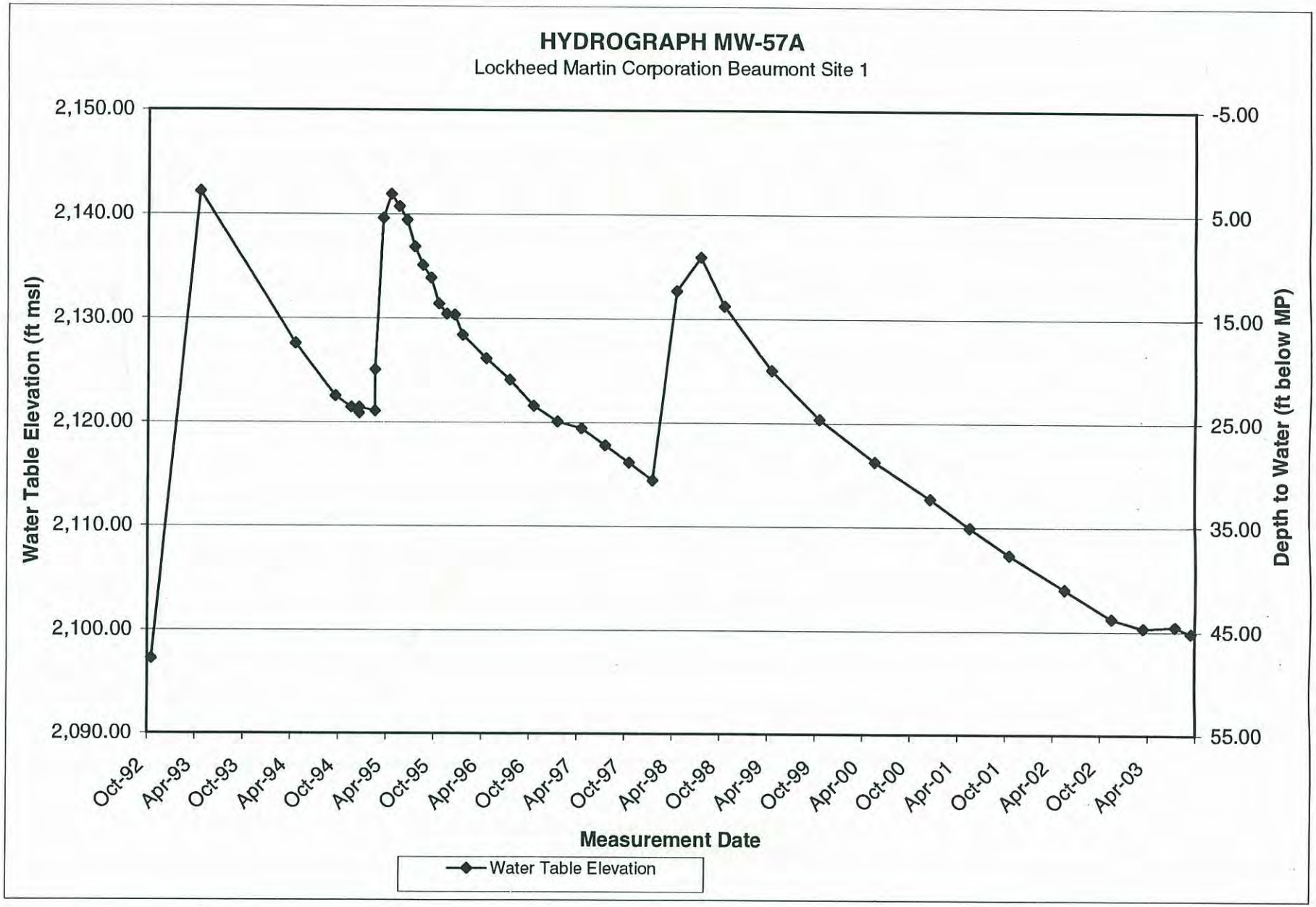

HYDROGRAPH MW-55
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
Depth to Water (ft below MP)
15.00
25.00
35.00
45.00
55.00
65.00
75.00
Oct-92
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

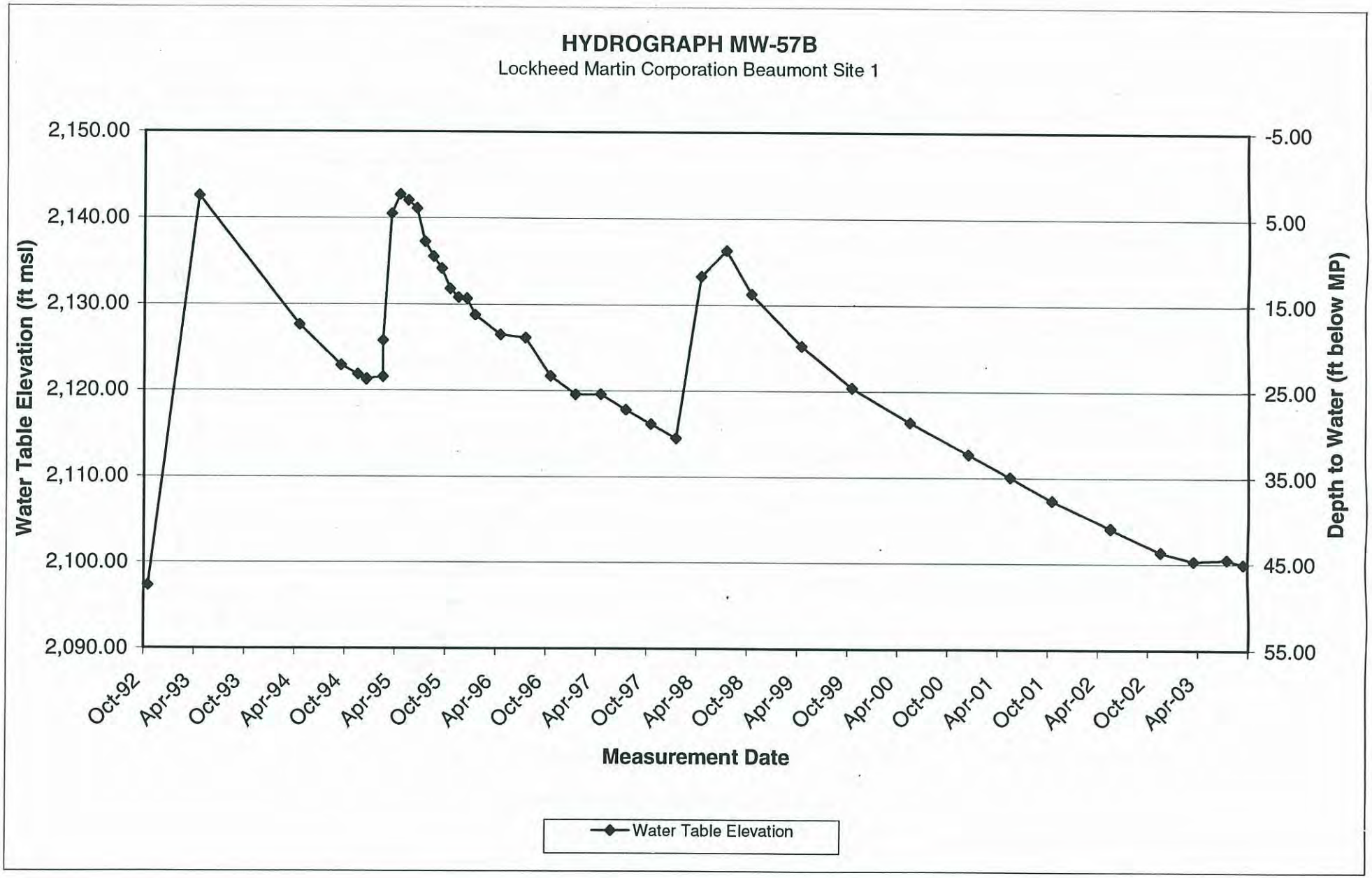

HYDROGRAPH MW-56A
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,135.00
2,125.00
2,115.00
2,105.00
2,095.00
2,085.00
2,075.00
2,065.00
2,055.00
Depth to Water (ft below MP)
10.00
20.00
30.00
40.00
50.00
60.00
70.00
80.00
90.00
Oct-92
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

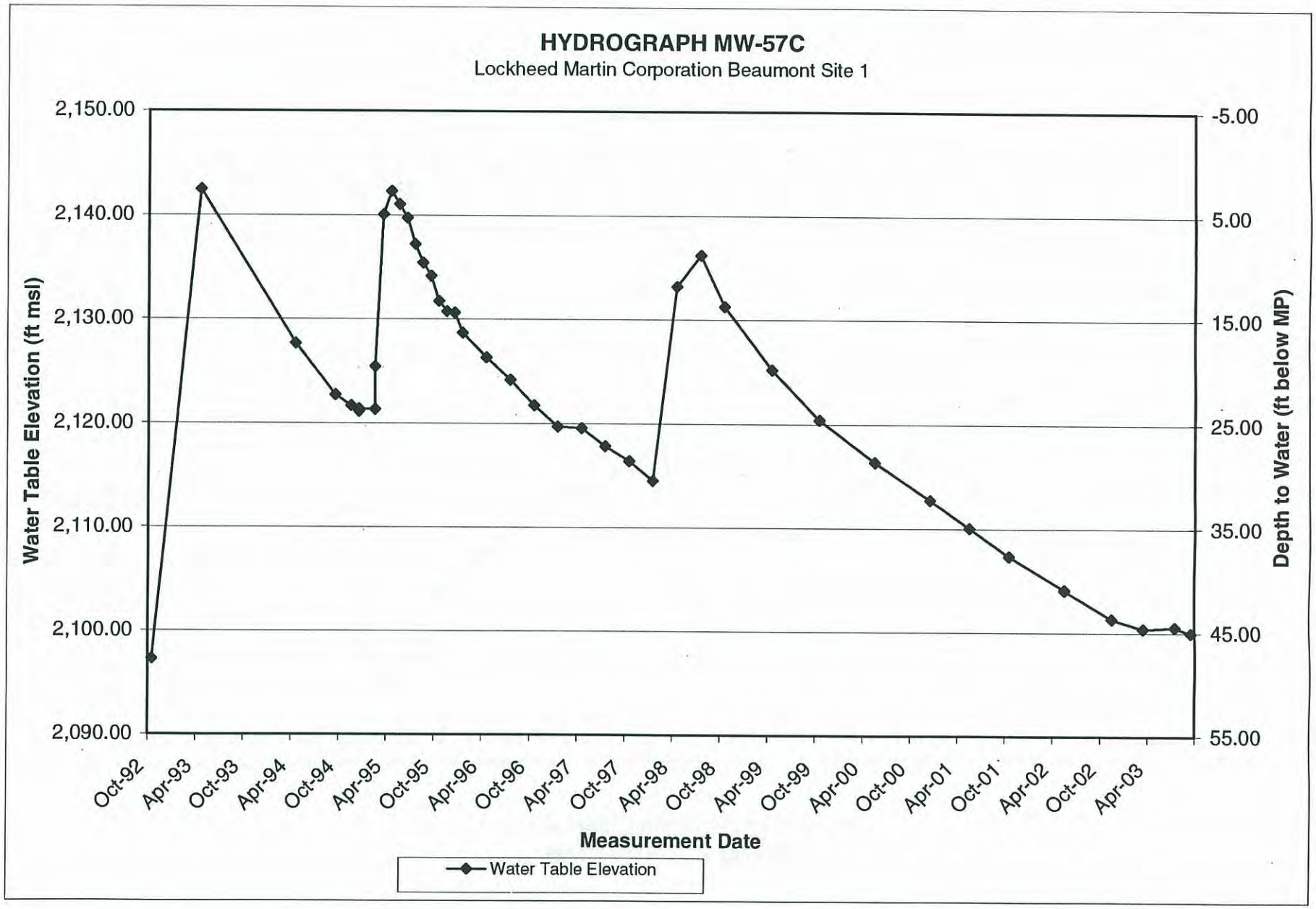

HYDROGRAPH MW-56B
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
Depth to Water (ft below MP)
-5.00
5.00
15.00
25.00
35.00
45.00
55.00
Oct-92
Feb-93
Jun-93
Oct-93
Feb-94
Jun-94
Oct-94
Feb-95
Jun-95
Oct-95
Feb-96
Jun-96
Oct-96
Feb-97
Jun-97
Oct-97
Feb-98
Jun-98
Oct-98
Feb-99
Jun-99
Oct-99
Feb-00
Jun-00
Oct-00
Feb-01
Jun-01
Oct-01
Feb-02
Jun-02
Oct-02
Measurement Date
Water Table Elevation

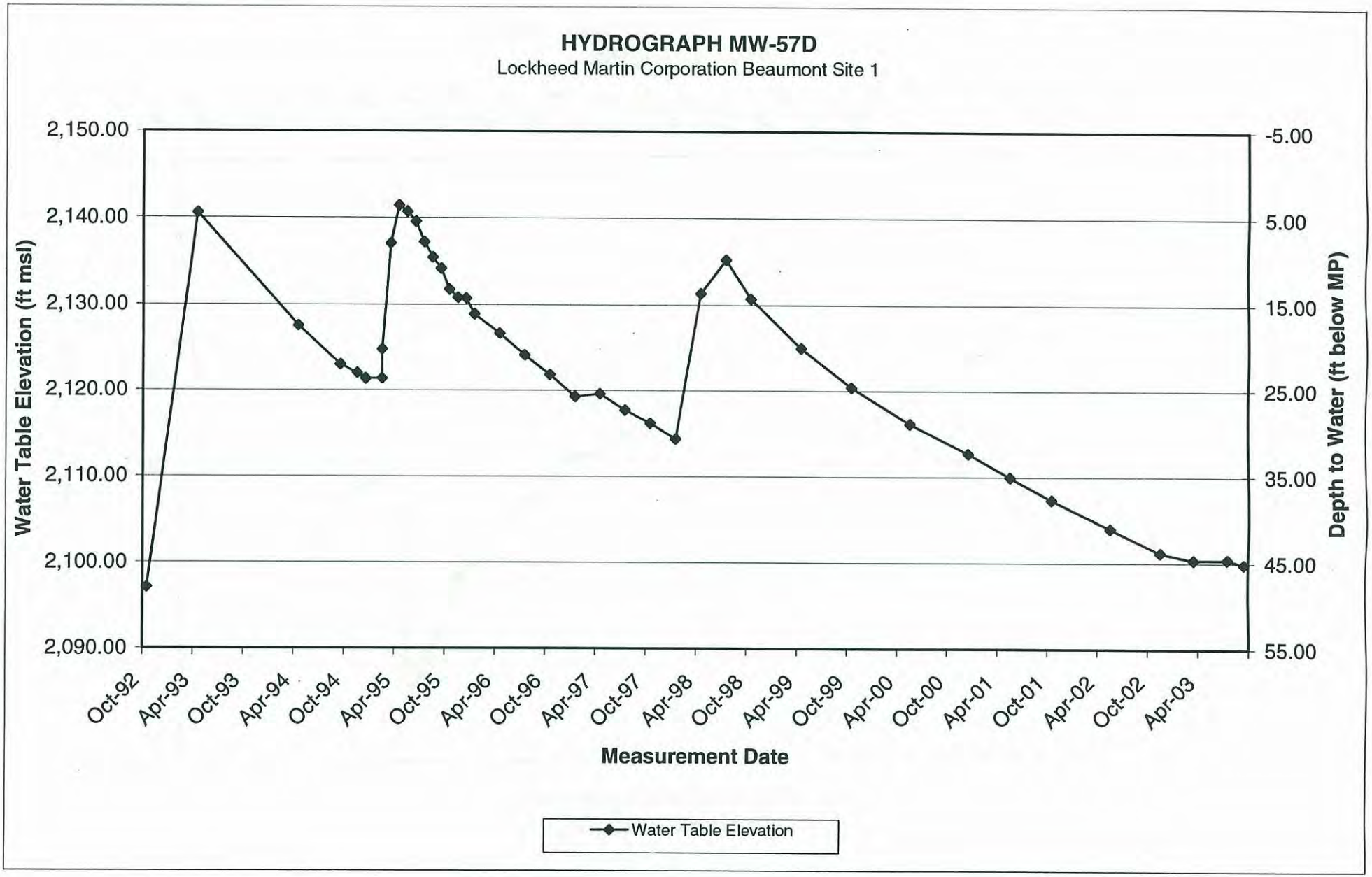

HYDROGRAPH MW-56C
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
Depth to Water (ft below MP)
-5.00
5.00
15.00
25.00
35.00
45.00
55.00
Oct-92
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

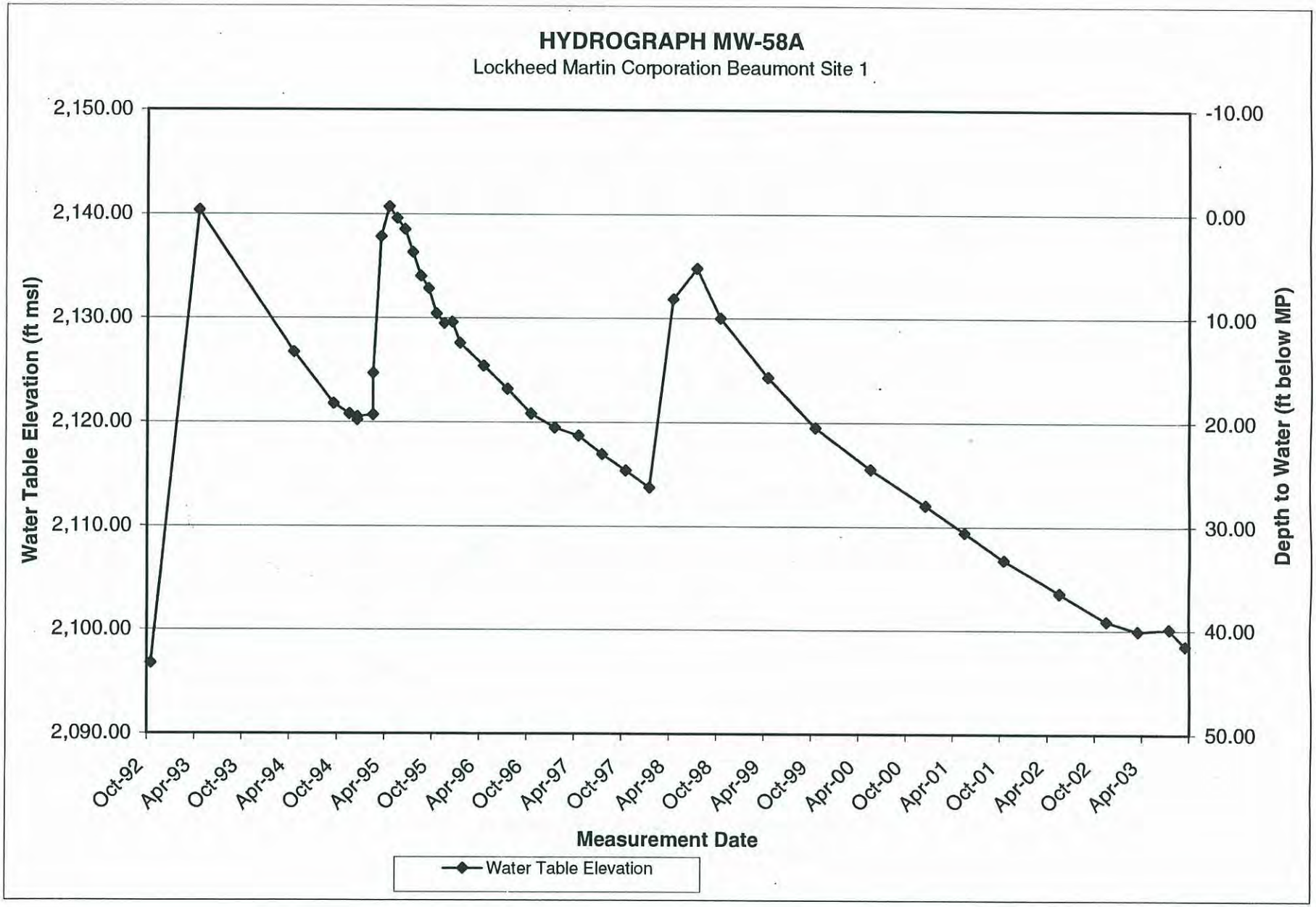

HYDROGRAPH MW-56D
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
Depth to Water (ft below MP)
-5.00
5.00
15.00
25.00
35.00
45.00
55.00
Oct-92
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

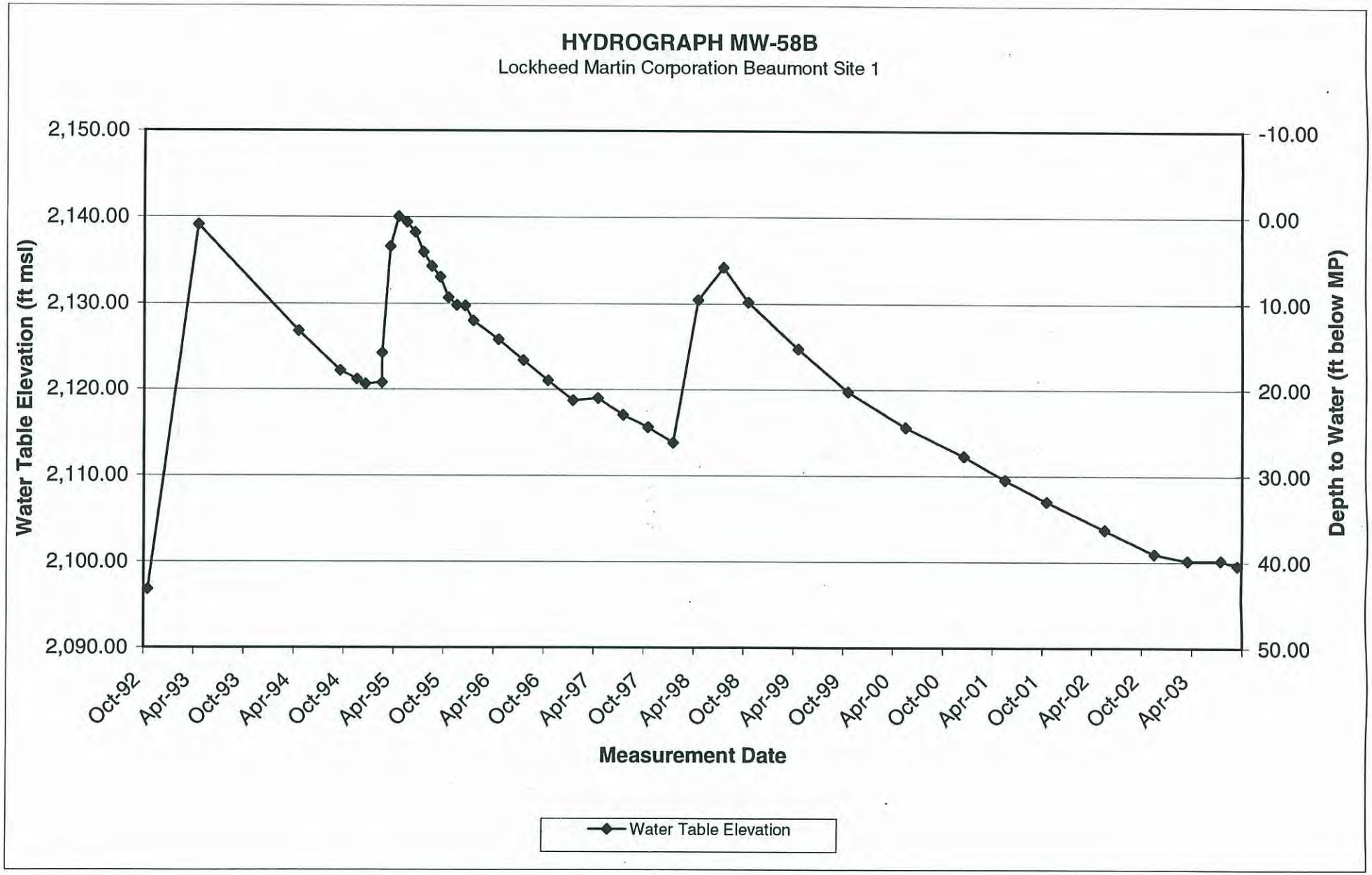

HYDROGRAPH MW-57A
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
Depth to Water (ft below MP)
-5.00
5.00
15.00
25.00
35.00
45.00
55.00
Oct-92
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

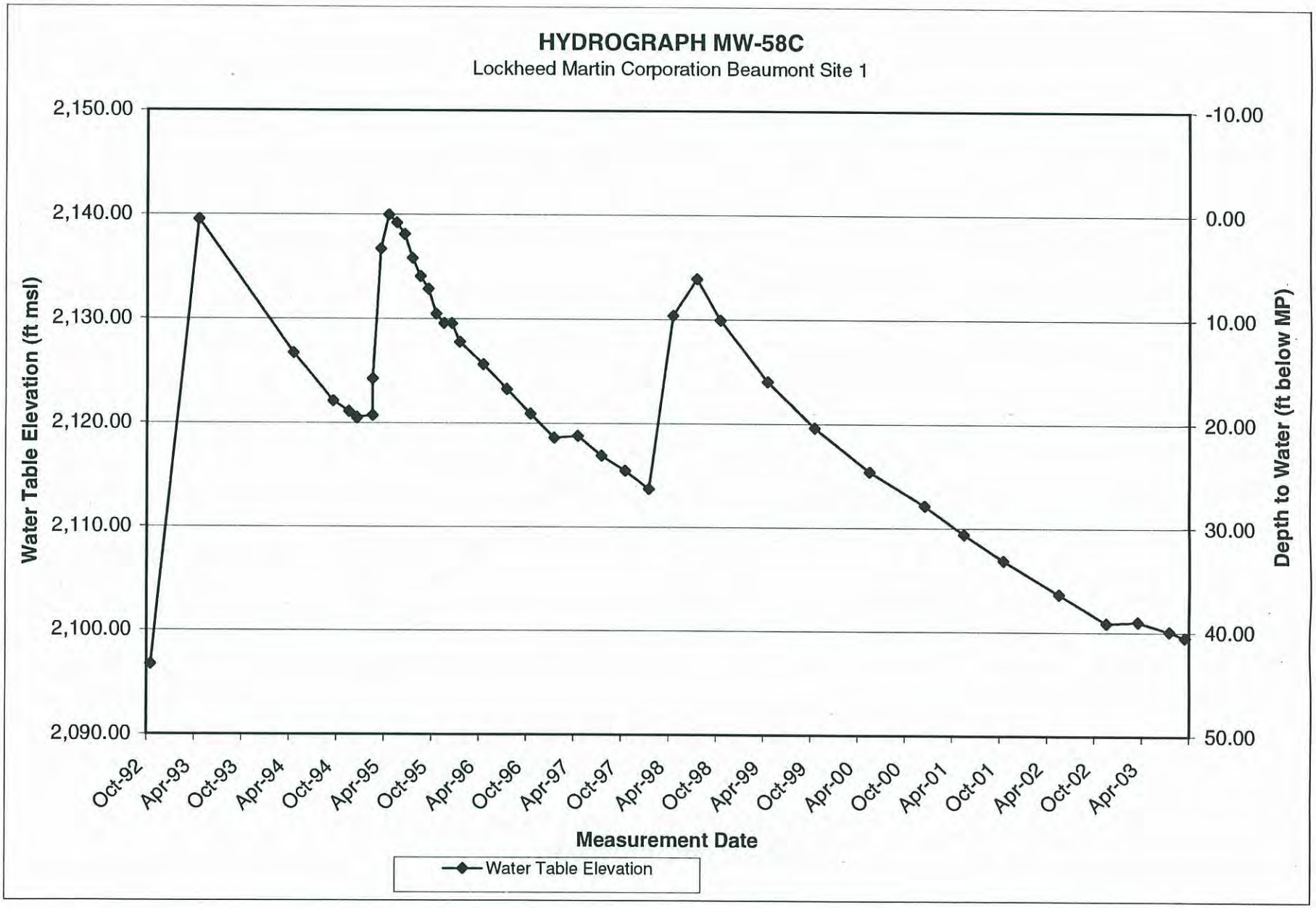

HYDROGRAPH MW-57B
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
Depth to Water (ft below MP)
-5.00
5.00
15.00
25.00
35.00
45.00
55.00
Oct-92
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

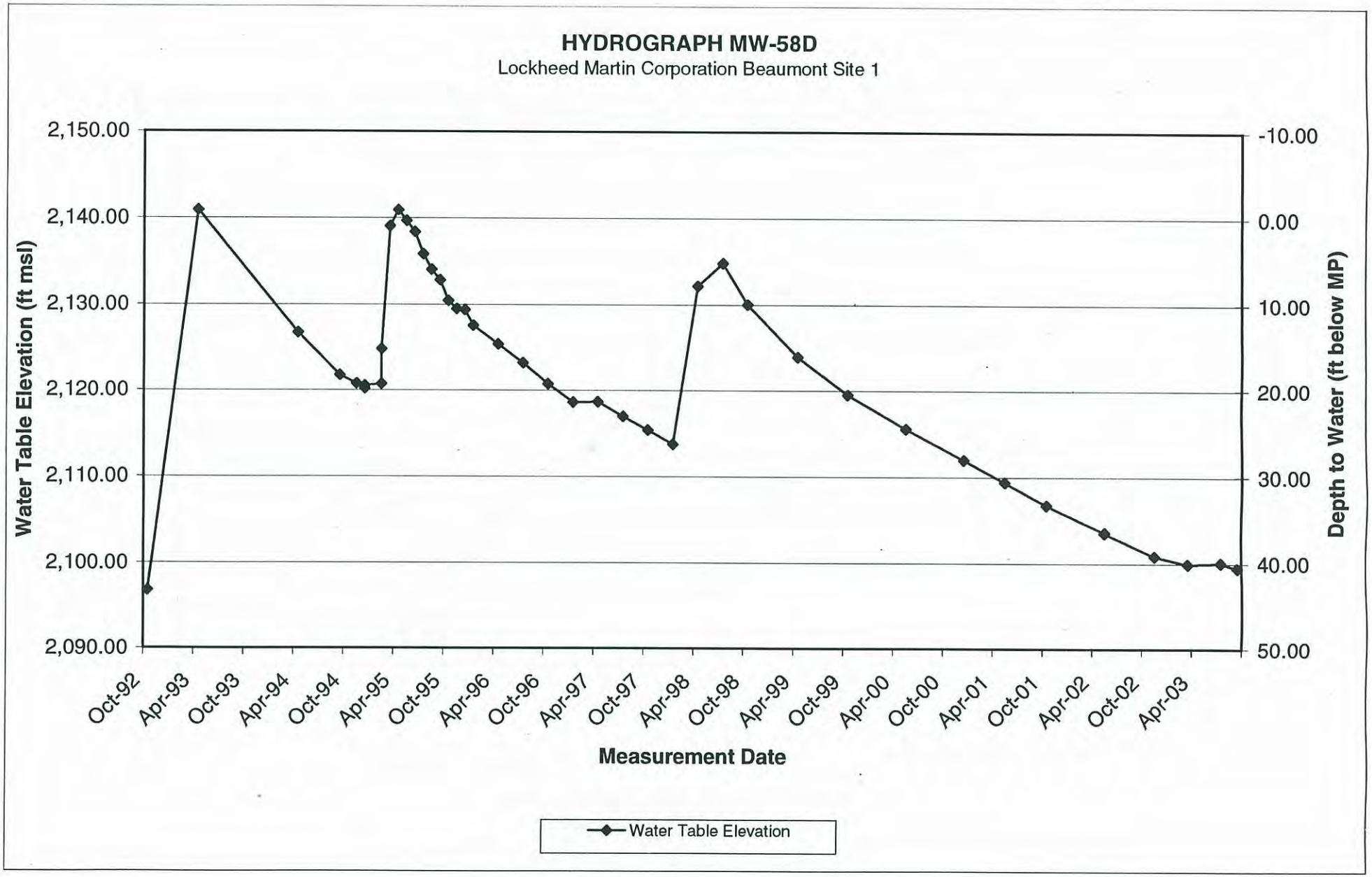

HYDROGRAPH MW-57C
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
Depth to Water (ft below MP)
-5.00
5.00
15.00
25.00
35.00
45.00
55.00
Oct-92
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

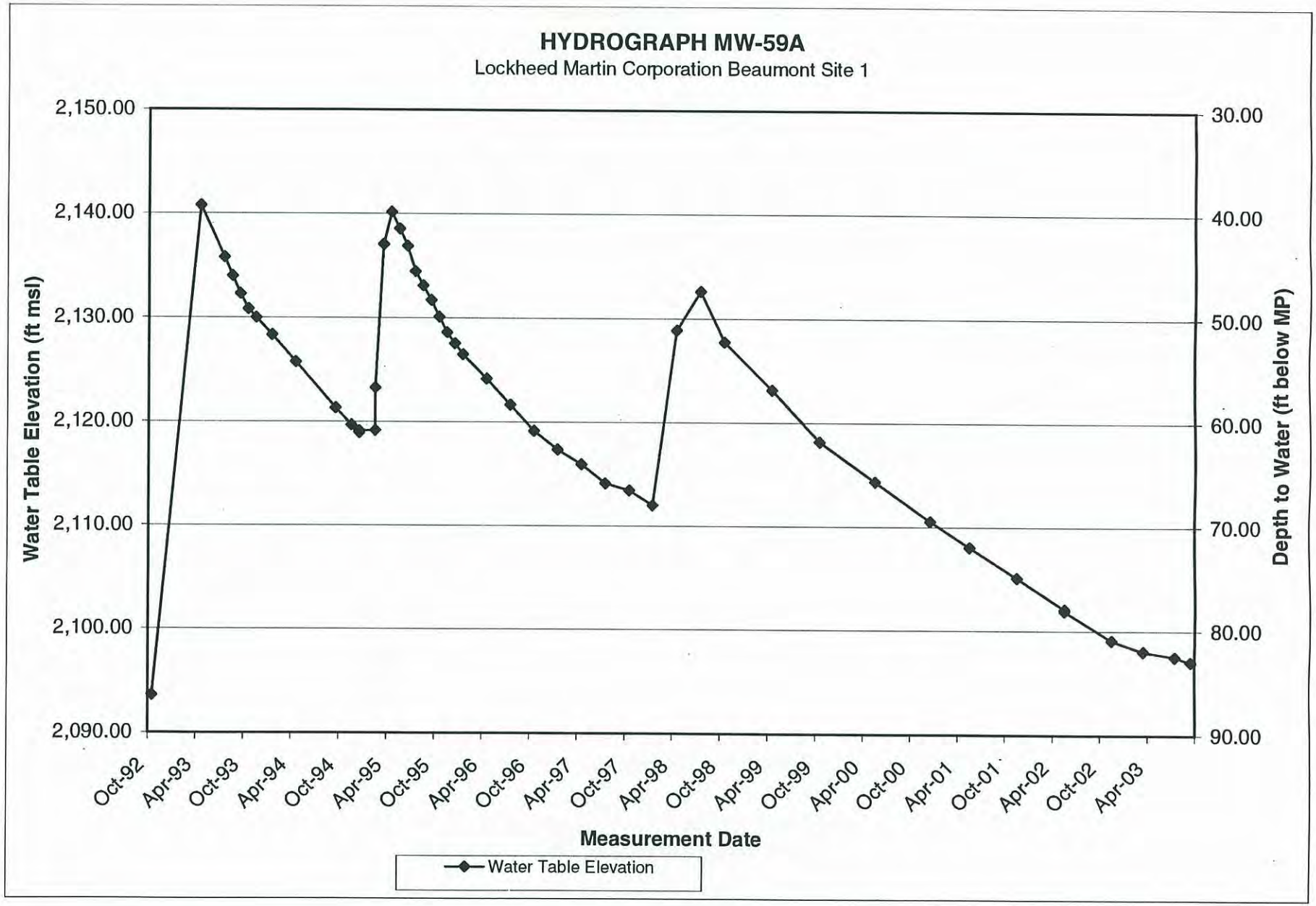

HYDROGRAPH MW-57D
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
Depth to Water (ft below MP)
-5.00
5.00
15.00
25.00
35.00
45.00
55.00
Oct-92
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

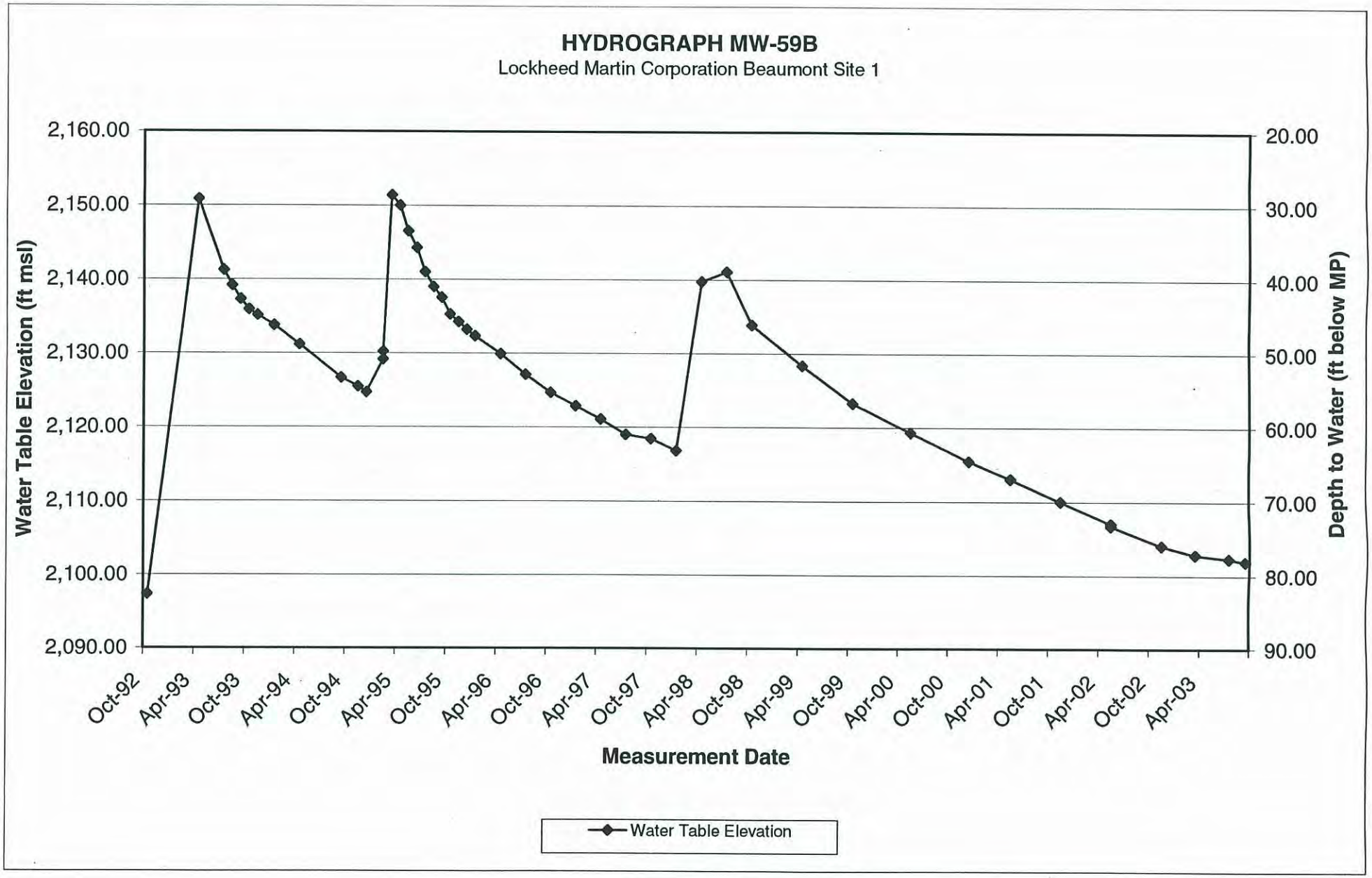

HYDROGRAPH MW-58A
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
-10.00
0.00
10.00
20.00
30.00
40.00
50.00
Depth to Water (ft below MP)
Oct-92
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

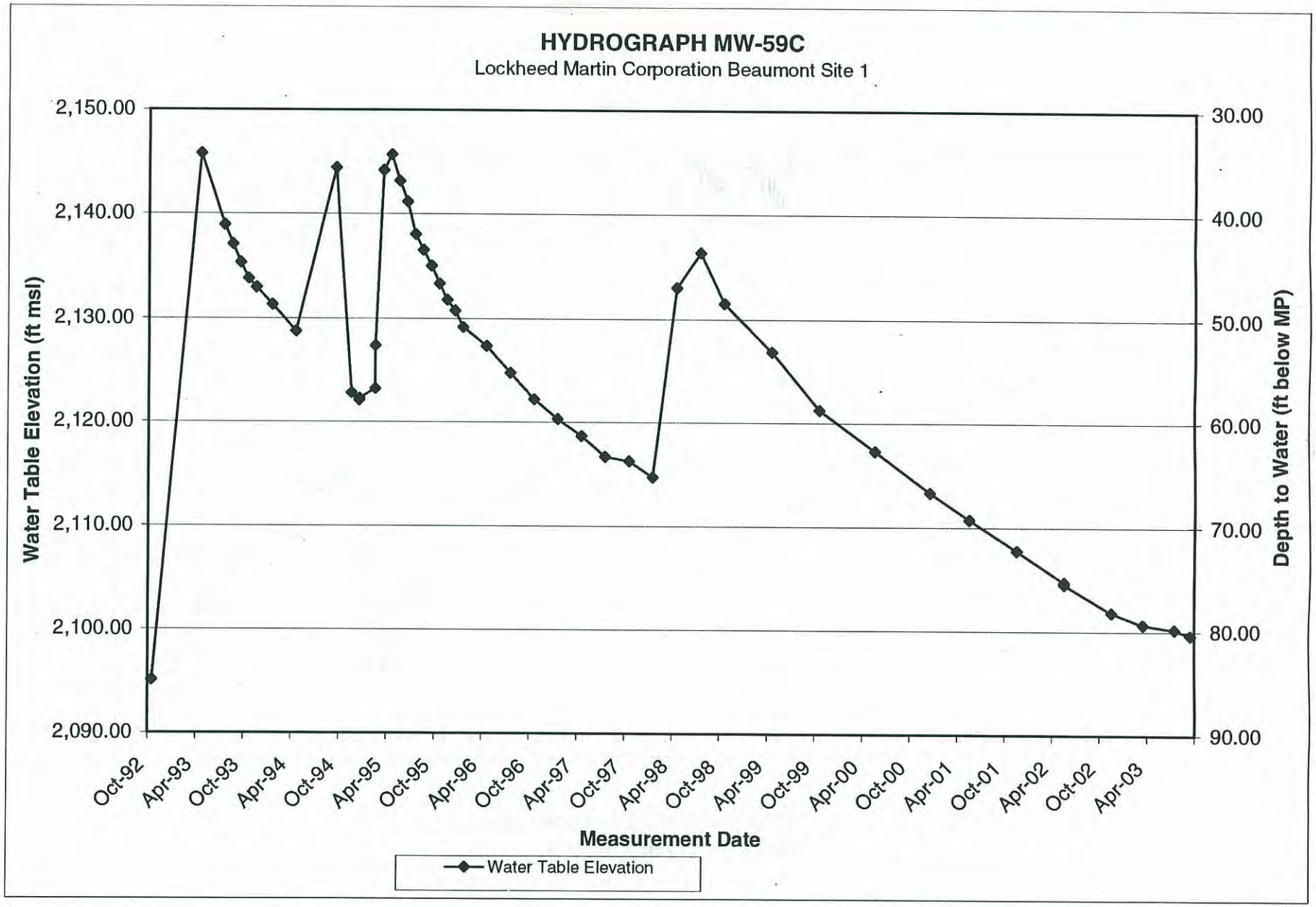

HYDROGRAPH MW-58B
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
-10.00
0.00
10.00
20.00
30.00
40.00
50.00
Depth to Water (ft below MP)
Oct-92
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

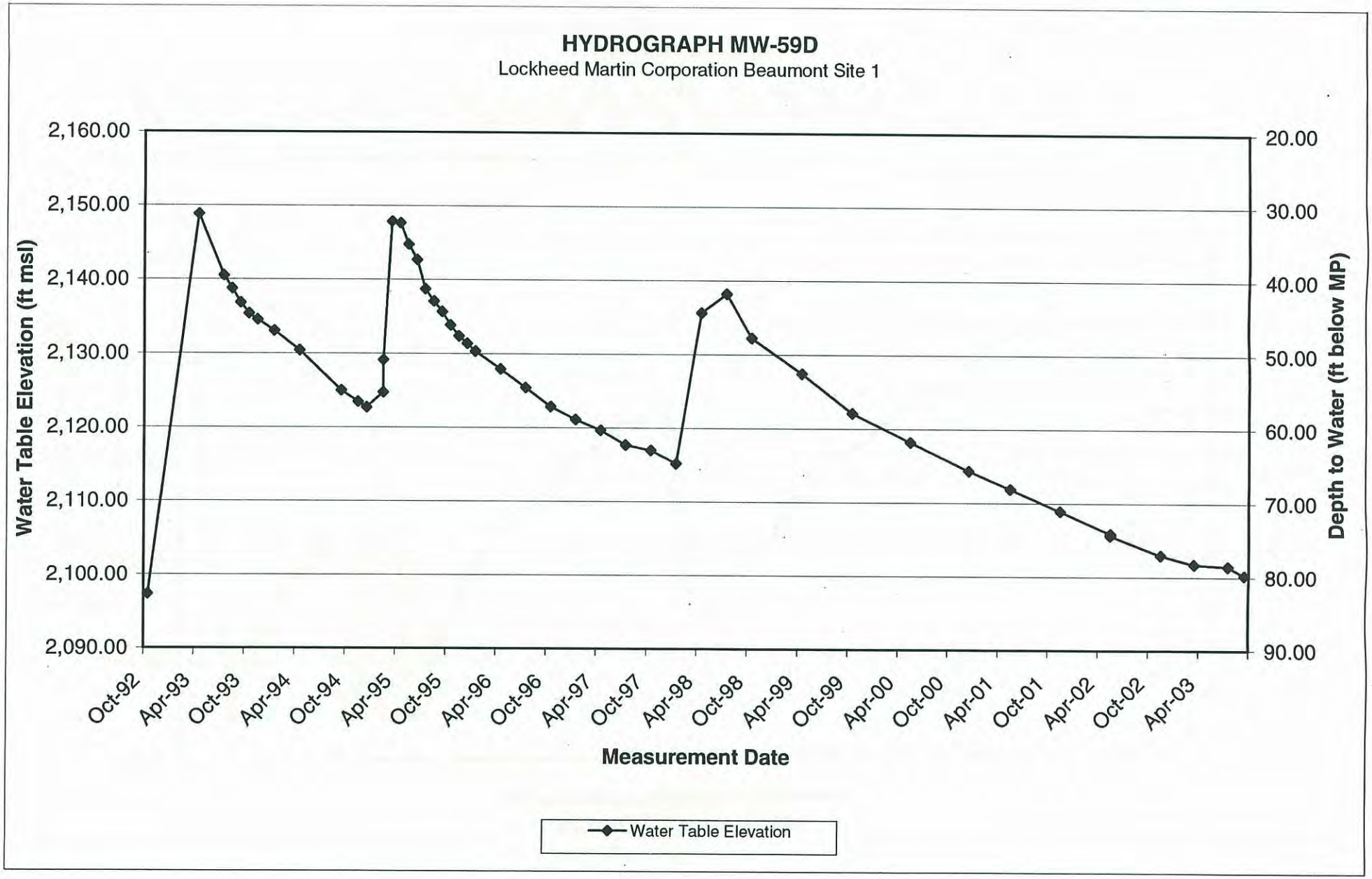

HYDROGRAPH MW-58C
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
Depth to Water (ft below MP)
-10.00
0.00
10.00
20.00
30.00
40.00
50.00
Oct-92
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

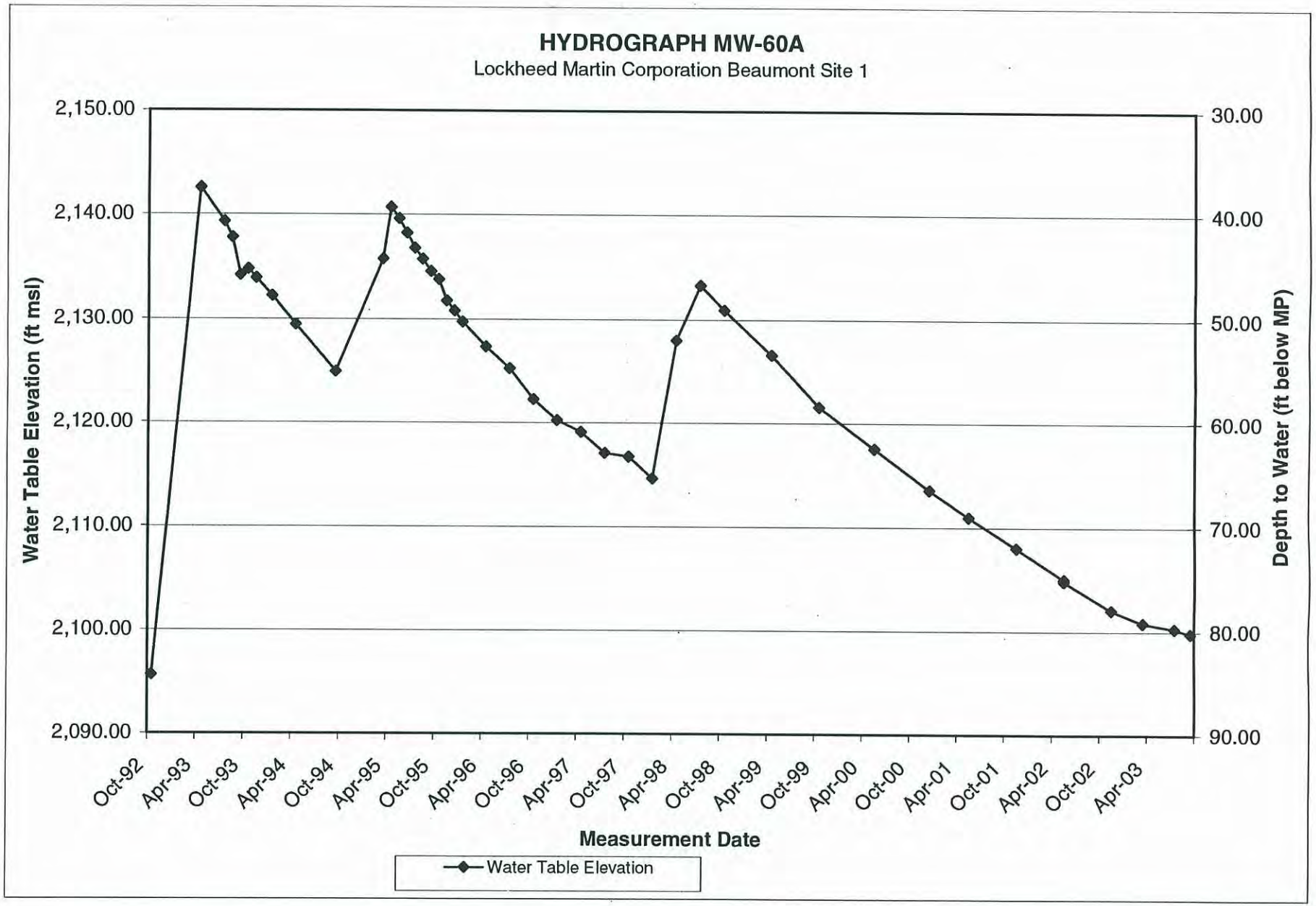

HYDROGRAPH MW-58D
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
Depth to Water (ft below MP)
-10.00
0.00
10.00
20.00
30.00
40.00
50.00
Oct-92
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

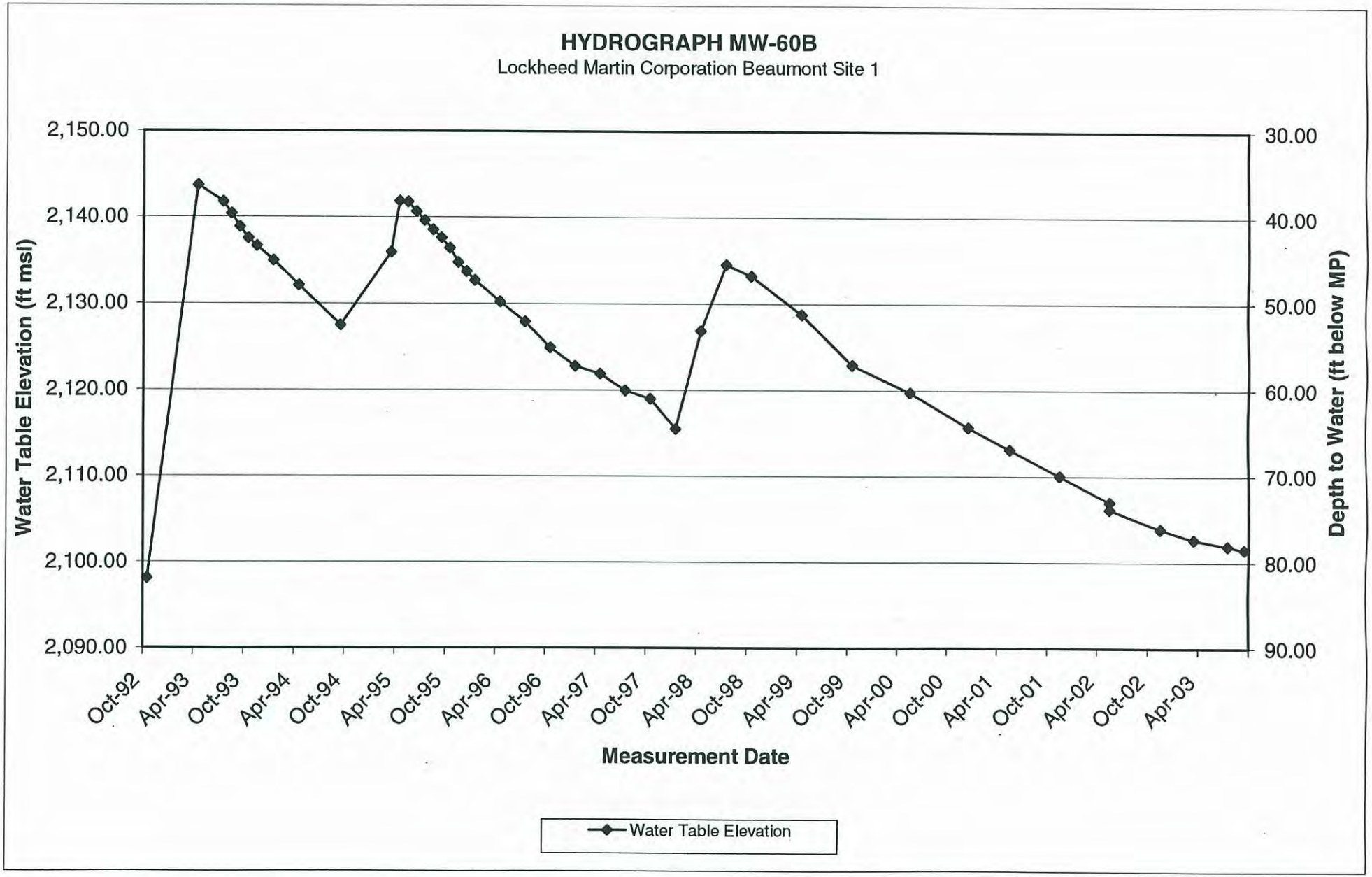

HYDROGRAPH MW-59A
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
Depth to Water (ft below MP)
30.00
40.00
50.00
60.00
70.00
80.00
90.00
Oct-92
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

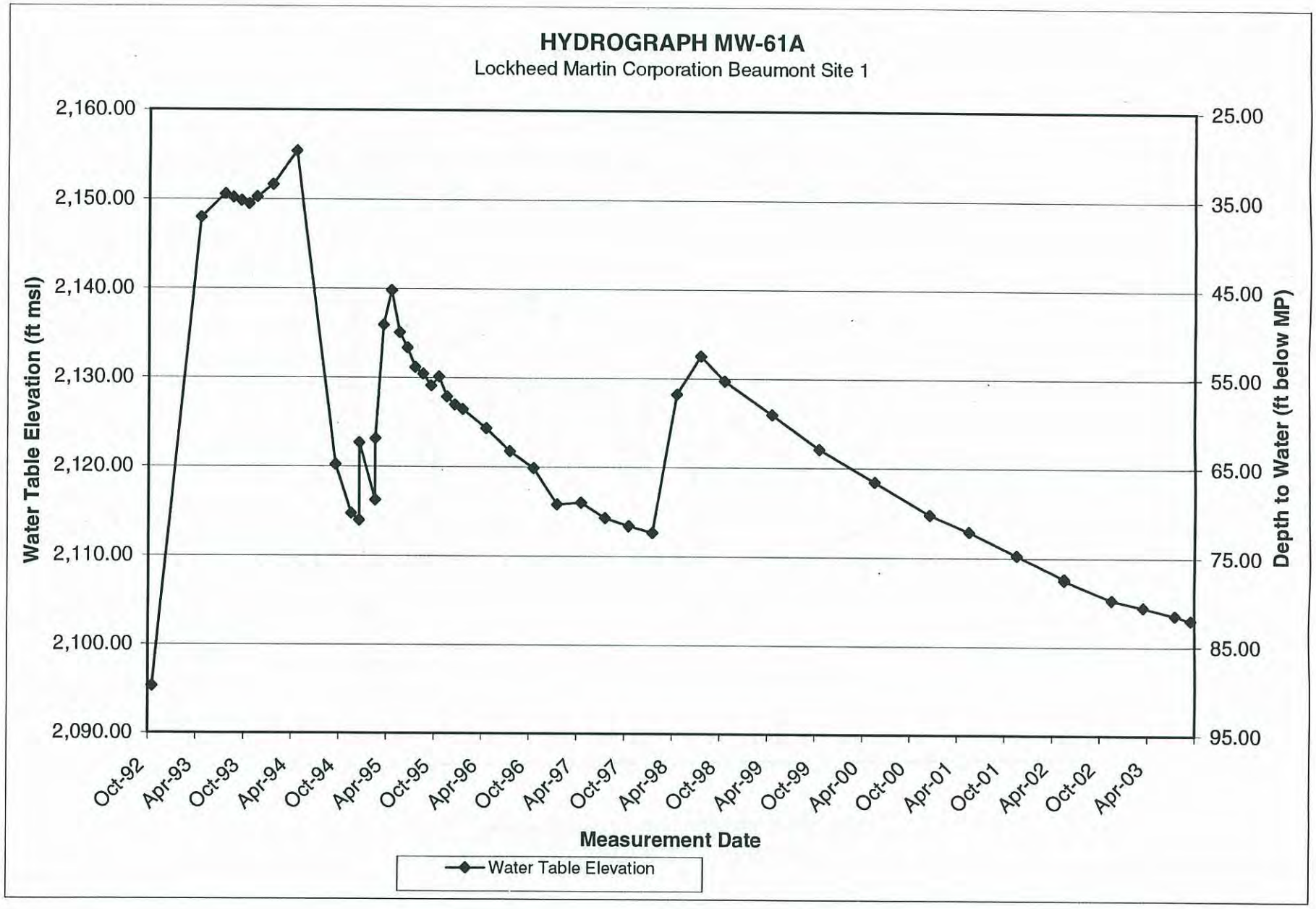

HYDROGRAPH MW-59B
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,160.00
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
Depth to Water (ft below MP)
20.00
30.00
40.00
50.00
60.00
70.00
80.00
90.00
Oct-92
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

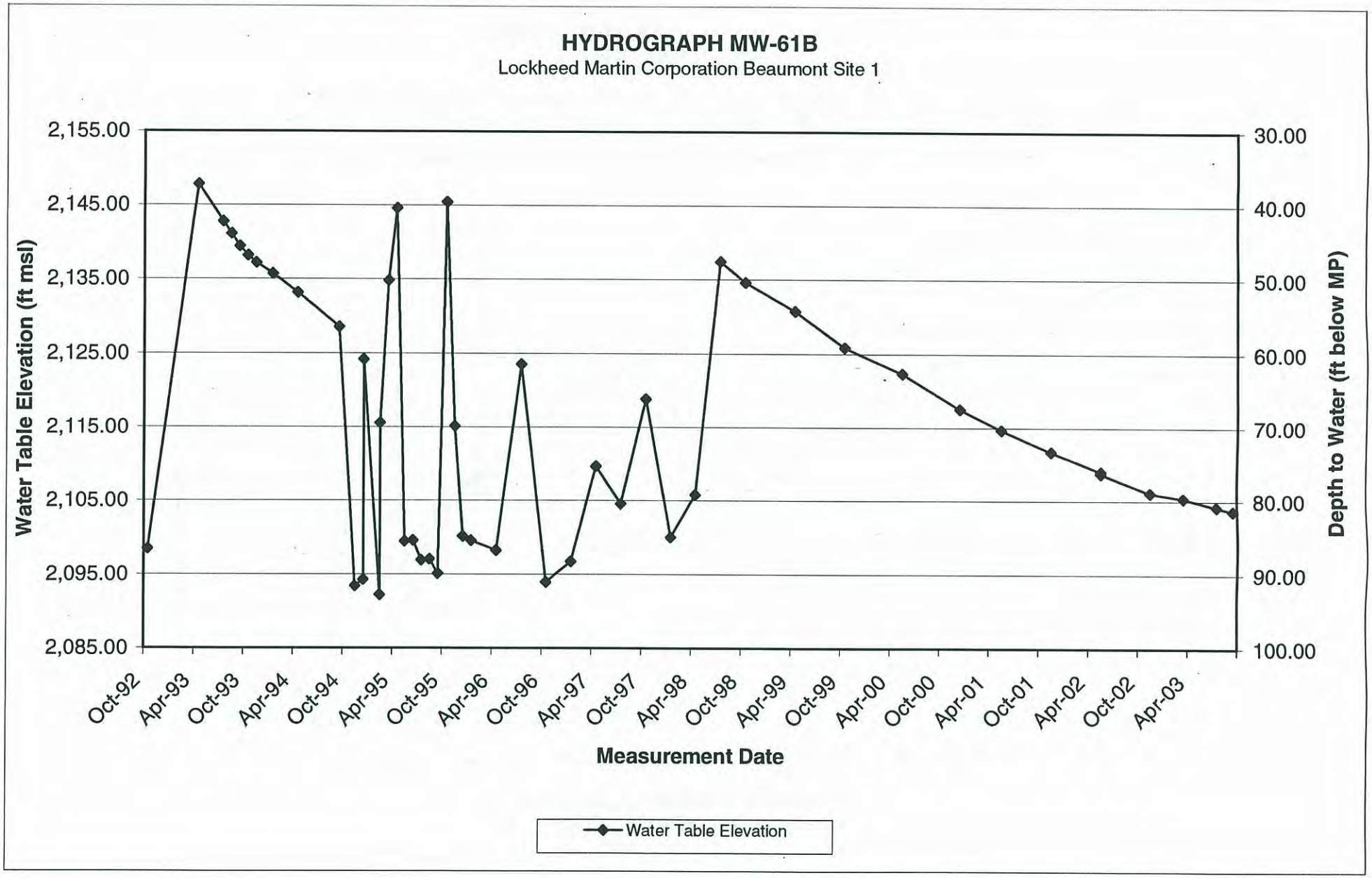

HYDROGRAPH MW-59C
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
Depth to Water (ft below MP)
30.00
40.00
50.00
60.00
70.00
80.00
90.00
Oct-92
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

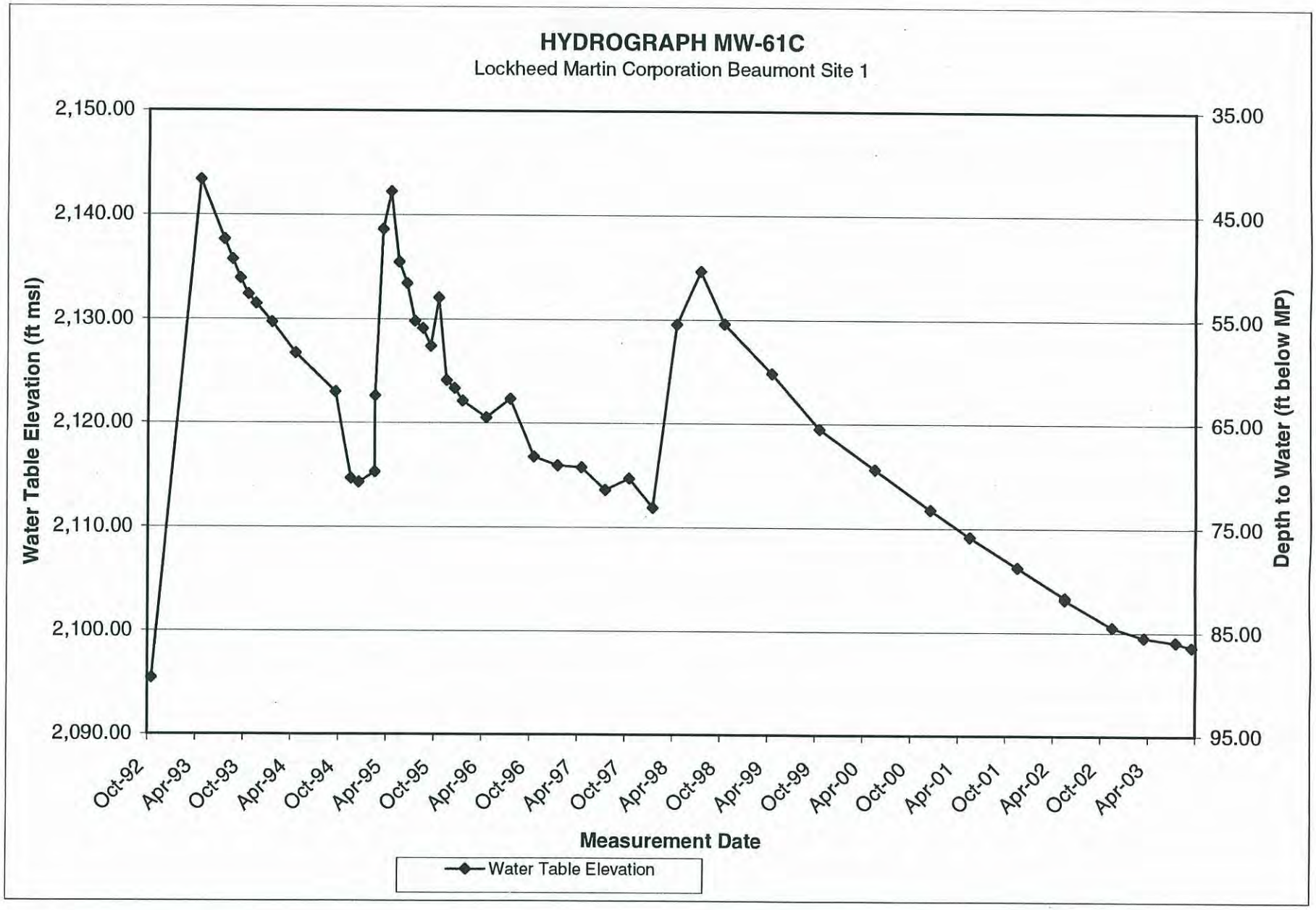

HYDROGRAPH MW-59D
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,160.00
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
Depth to Water (ft below MP)
20.00
30.00
40.00
50.00
60.00
70.00
80.00
90.00
Oct-92
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

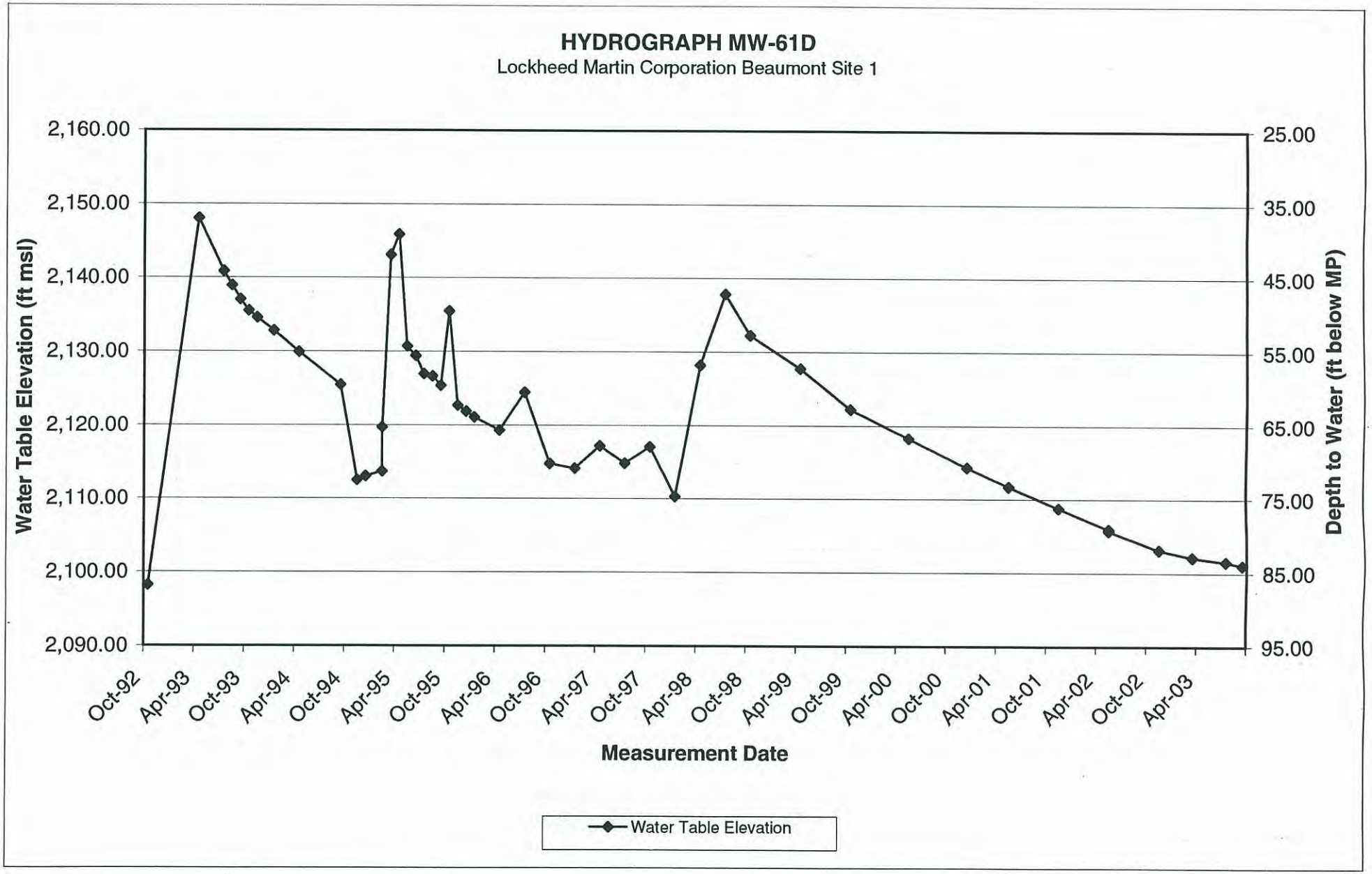

HYDROGRAPH MW-60A
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
Depth to Water (ft below MP)
30.00
40.00
50.00
60.00
70.00
80.00
90.00
Oct-92
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

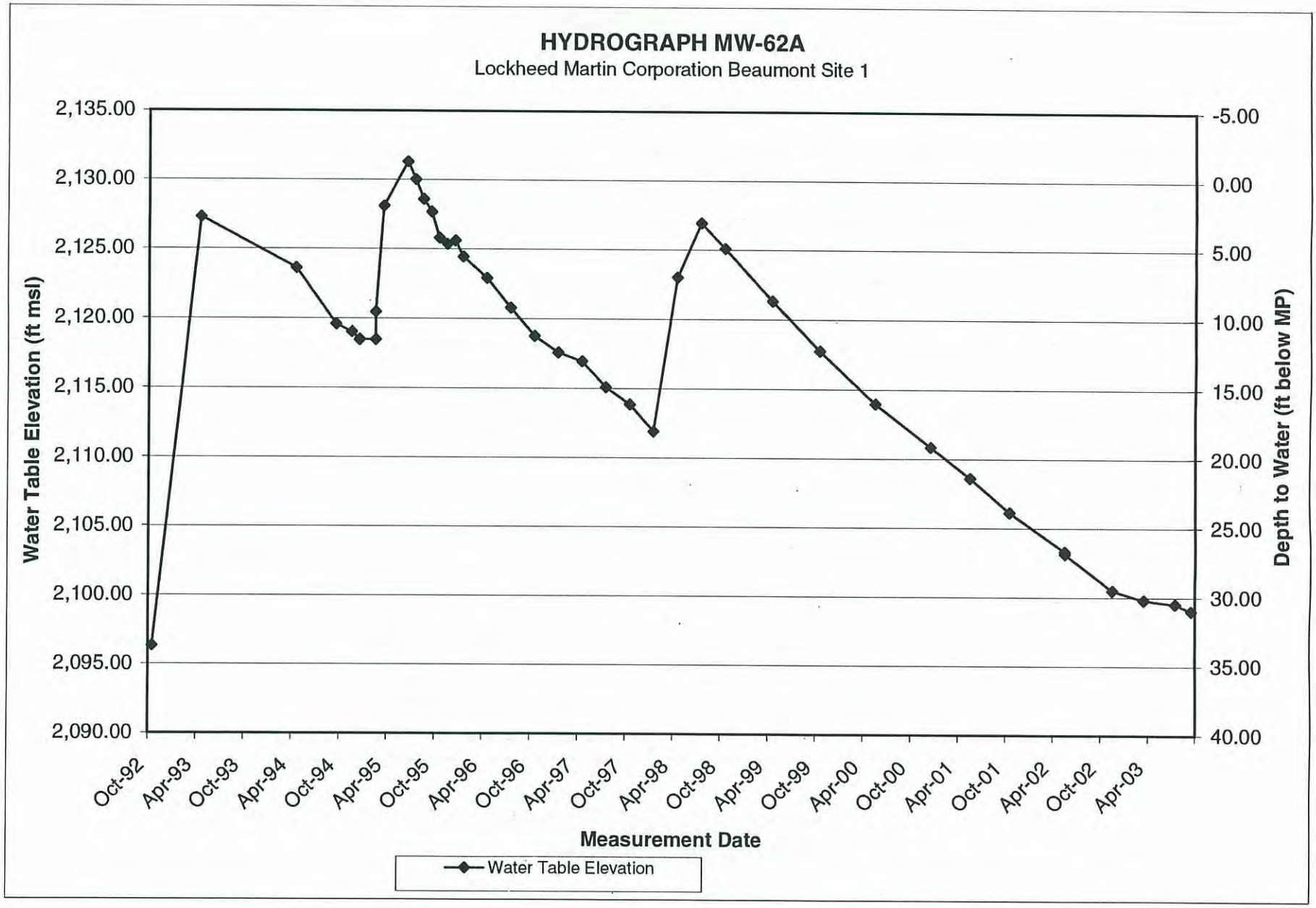

HYDROGRAPH MW-60B
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
Depth to Water (ft below MP)
30.00
40.00
50.00
60.00
70.00
80.00
90.00
Oct-92
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

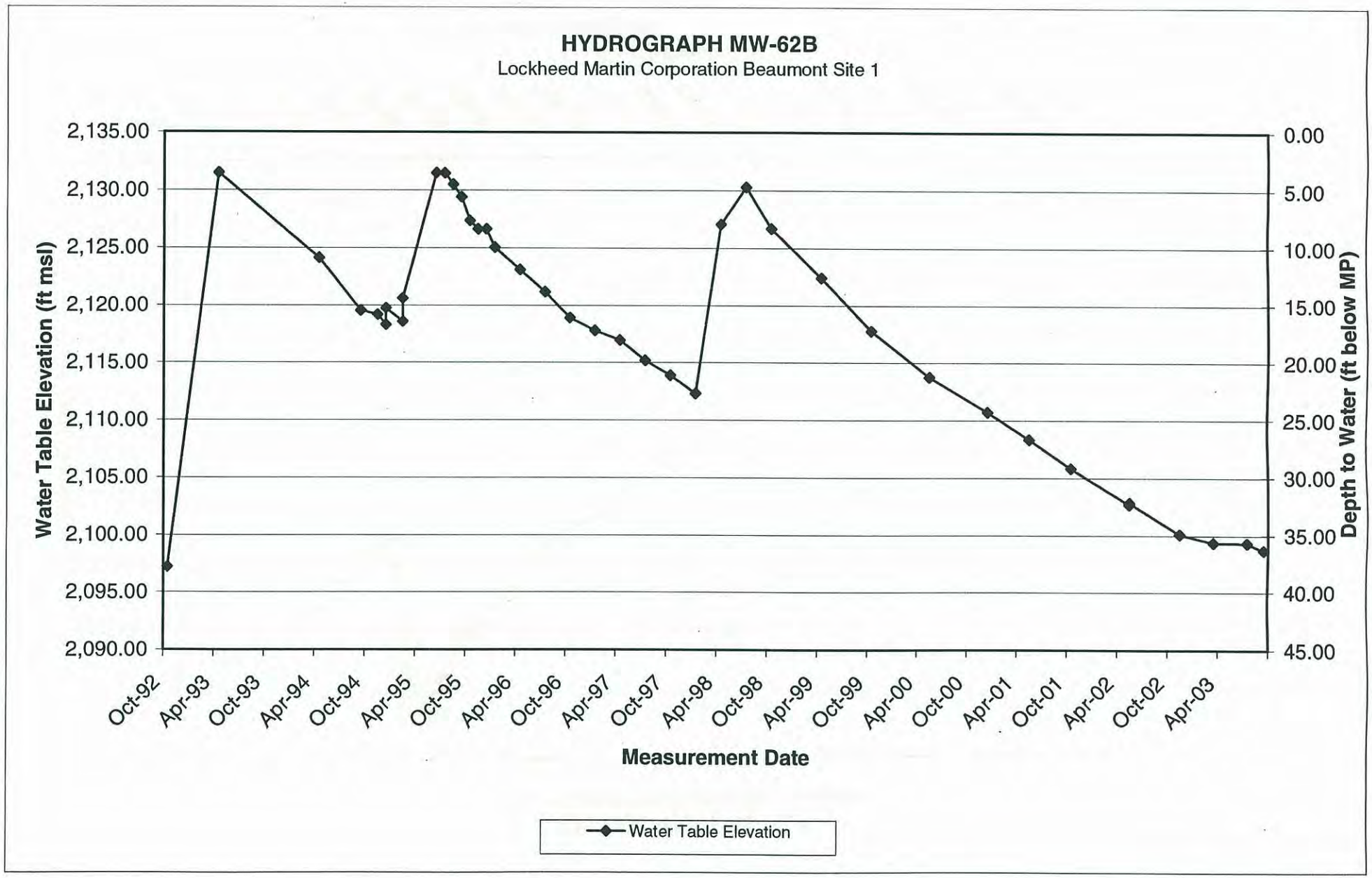

HYDROGRAPH MW-61A
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,160.00
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
Depth to Water (ft below MP)
25.00
35.00
45.00
55.00
65.00
75.00
85.00
95.00
Oct-92
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

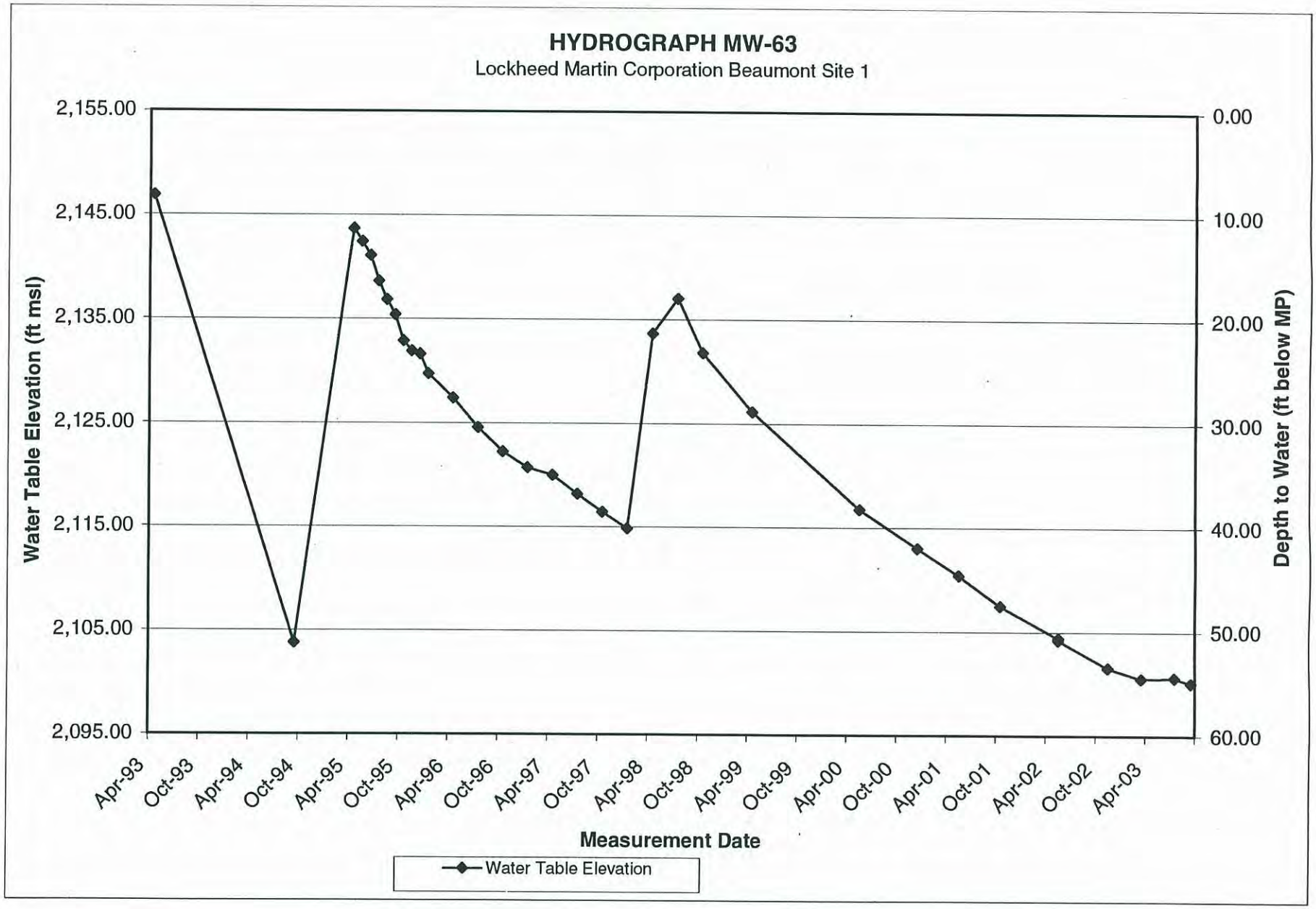

HYDROGRAPH MW-61B
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,155.00
2,145.00
2,135.00
2,125.00
2,115.00
2,105.00
2,095.00
2,085.00
Depth to Water (ft below MP)
30.00
40.00
50.00
60.00
70.00
80.00
90.00
100.00
Oct-92
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

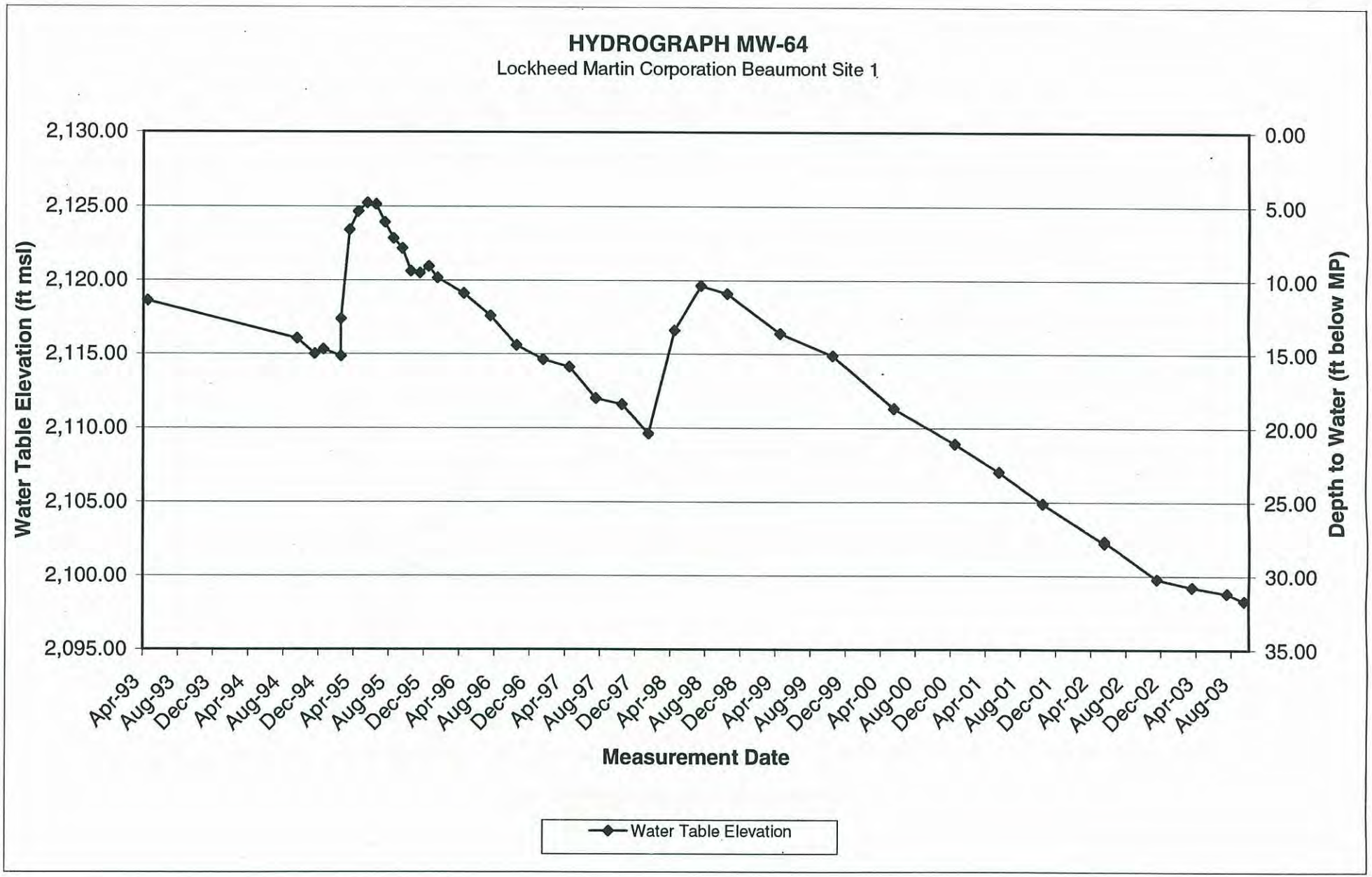

HYDROGRAPH MW-61C
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
Depth to Water (ft below MP)
35.00
45.00
55.00
65.00
75.00
85.00
95.00
Oct-92
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

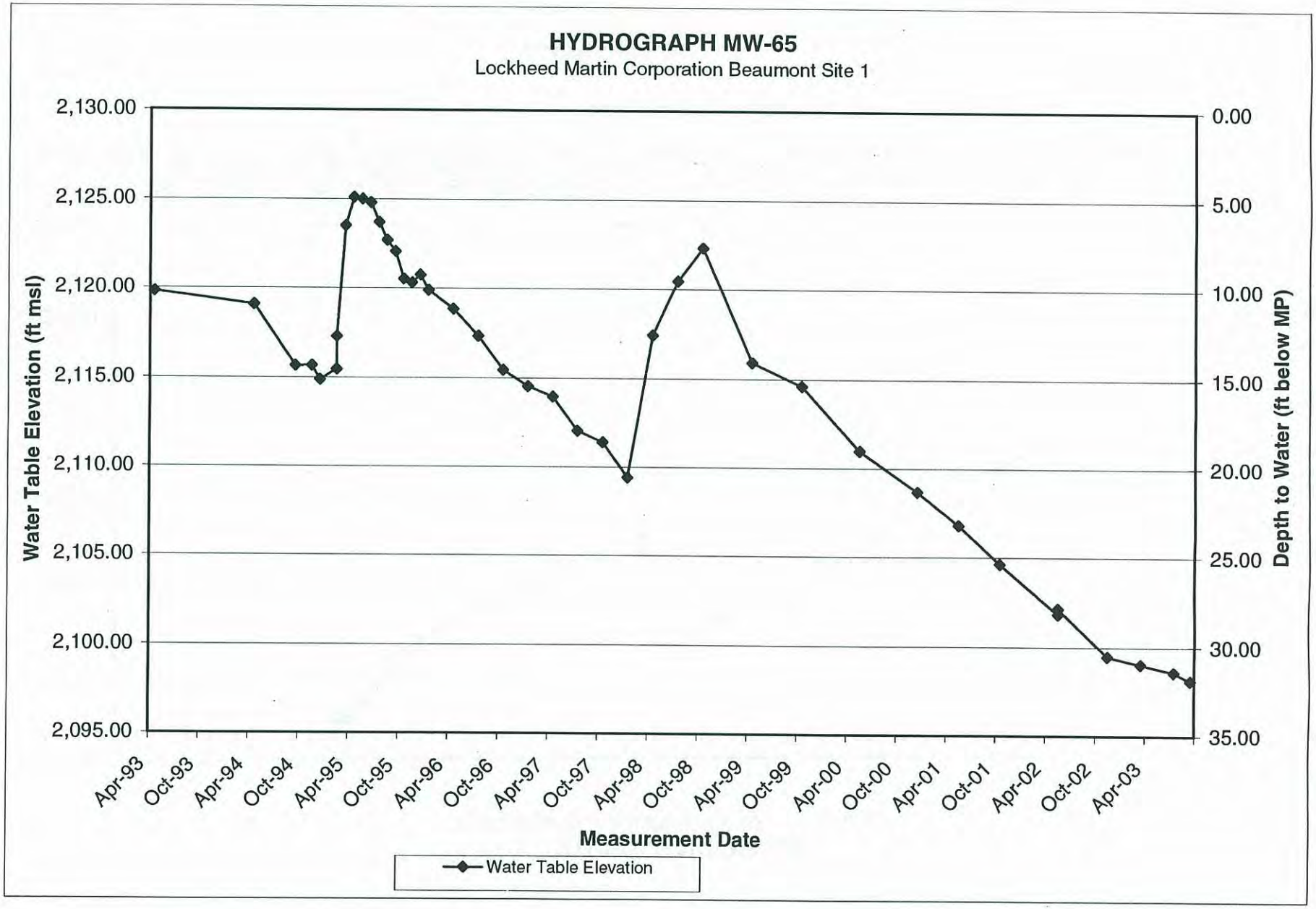

HYDROGRAPH MW-61D
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,160.00
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
Depth to Water (ft below MP)
25.00
35.00
45.00
55.00
65.00
75.00
85.00
95.00
Oct-92
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

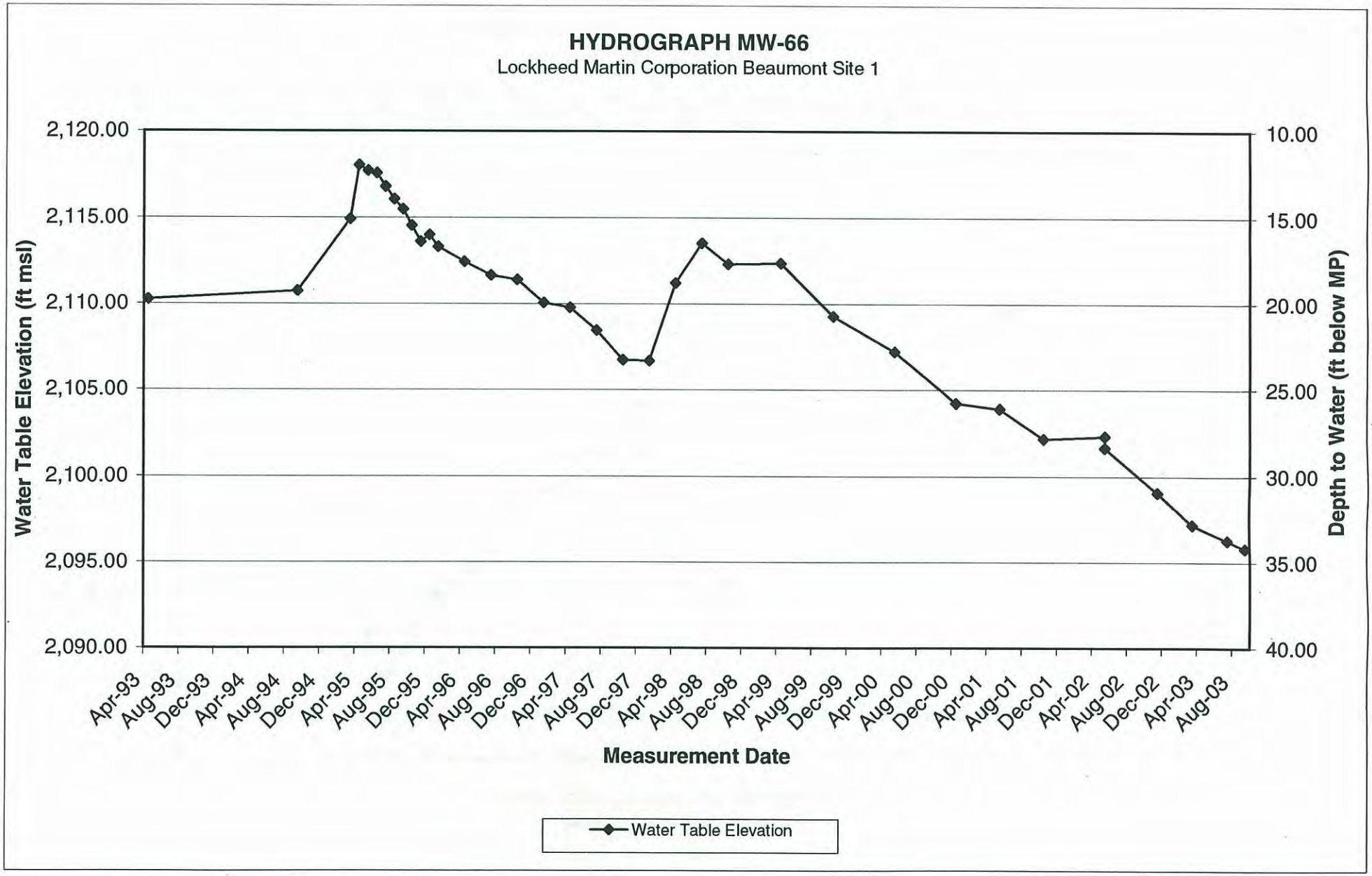

HYDROGRAPH MW-62A
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,135.00
2,130.00
2,125.00
2,120.00
2,115.00
2,110.00
2,105.00
2,100.00
2,095.00
2,090.00
Depth to Water (ft below MP)
-5.00
0.00
5.00
10.00
15.00
20.00
25.00
30.00
35.00
40.00
Oct-92
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

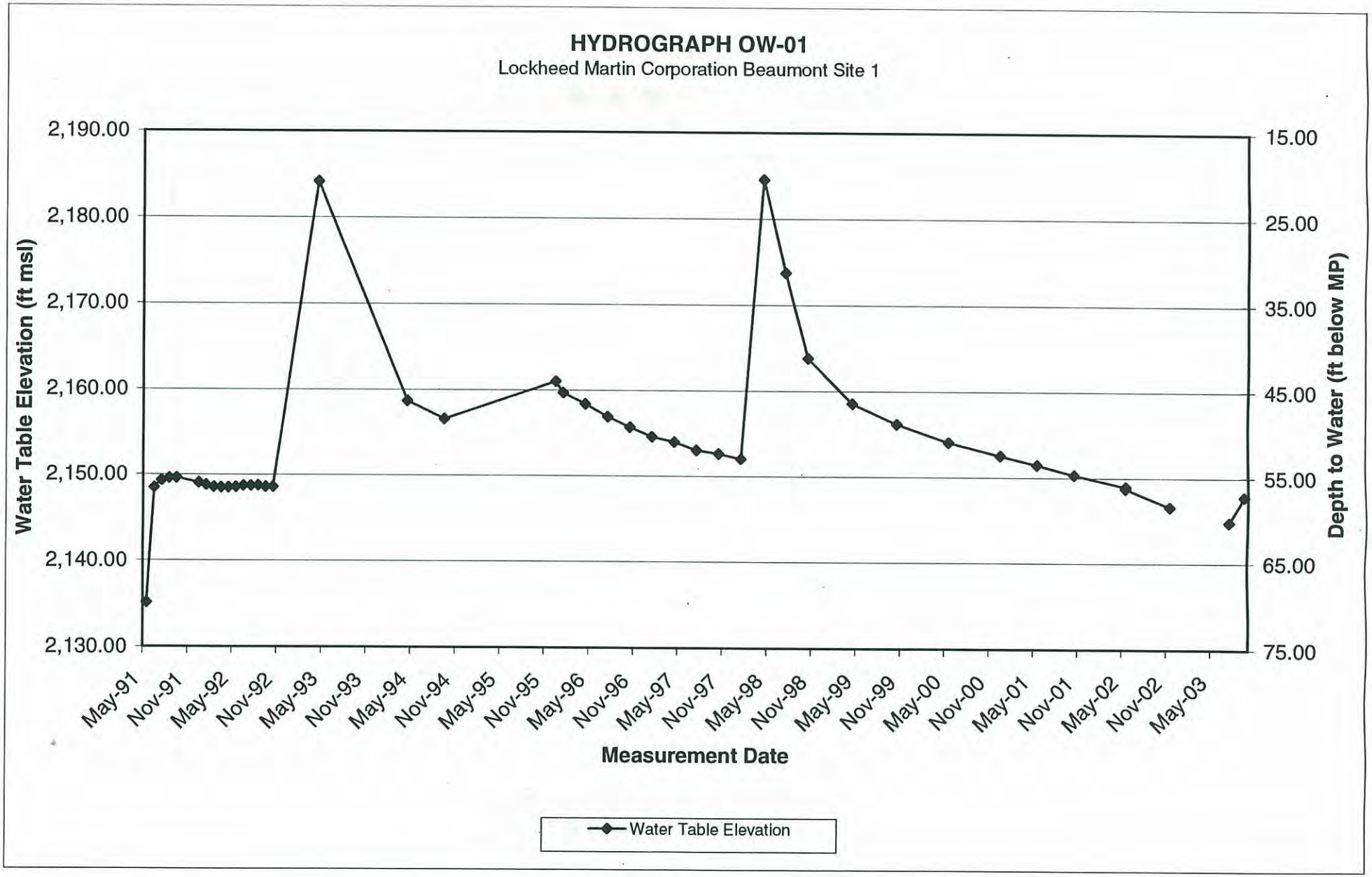

HYDROGRAPH MW-62B
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,135.00
2,130.00
2,125.00
2,120.00
2,115.00
2,110.00
2,105.00
2,100.00
2,095.00
2,090.00
Depth to Water (ft below MP)
0.00
5.00
10.00
15.00
20.00
25.00
30.00
35.00
40.00
45.00
Oct-92
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

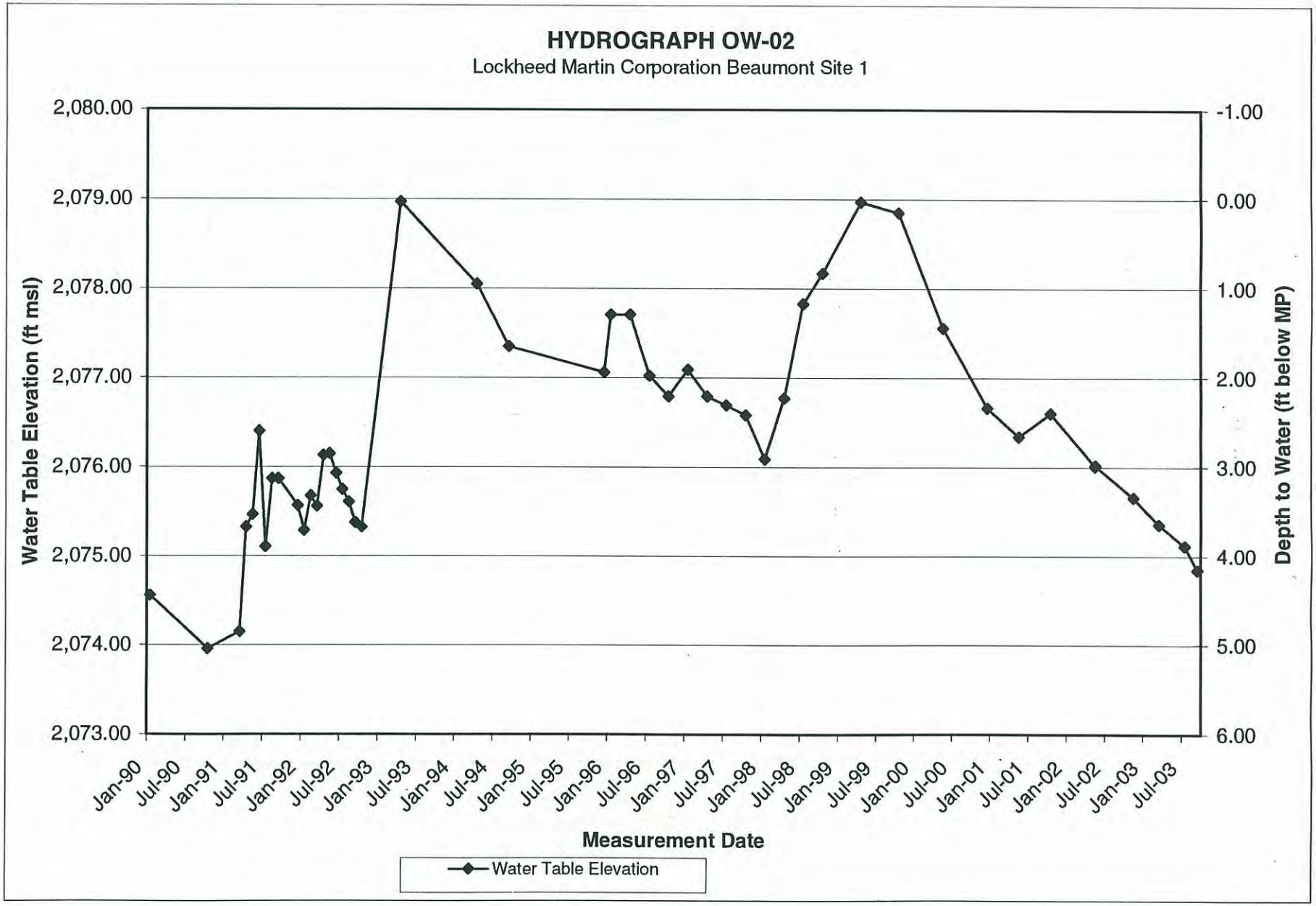

HYDROGRAPH MW-63
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,155.00
2,145.00
2,135.00
2,125.00
2,115.00
2,105.00
2,095.00
Depth to Water (ft below MP)
0.00
10.00
20.00
30.00
40.00
50.00
60.00
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

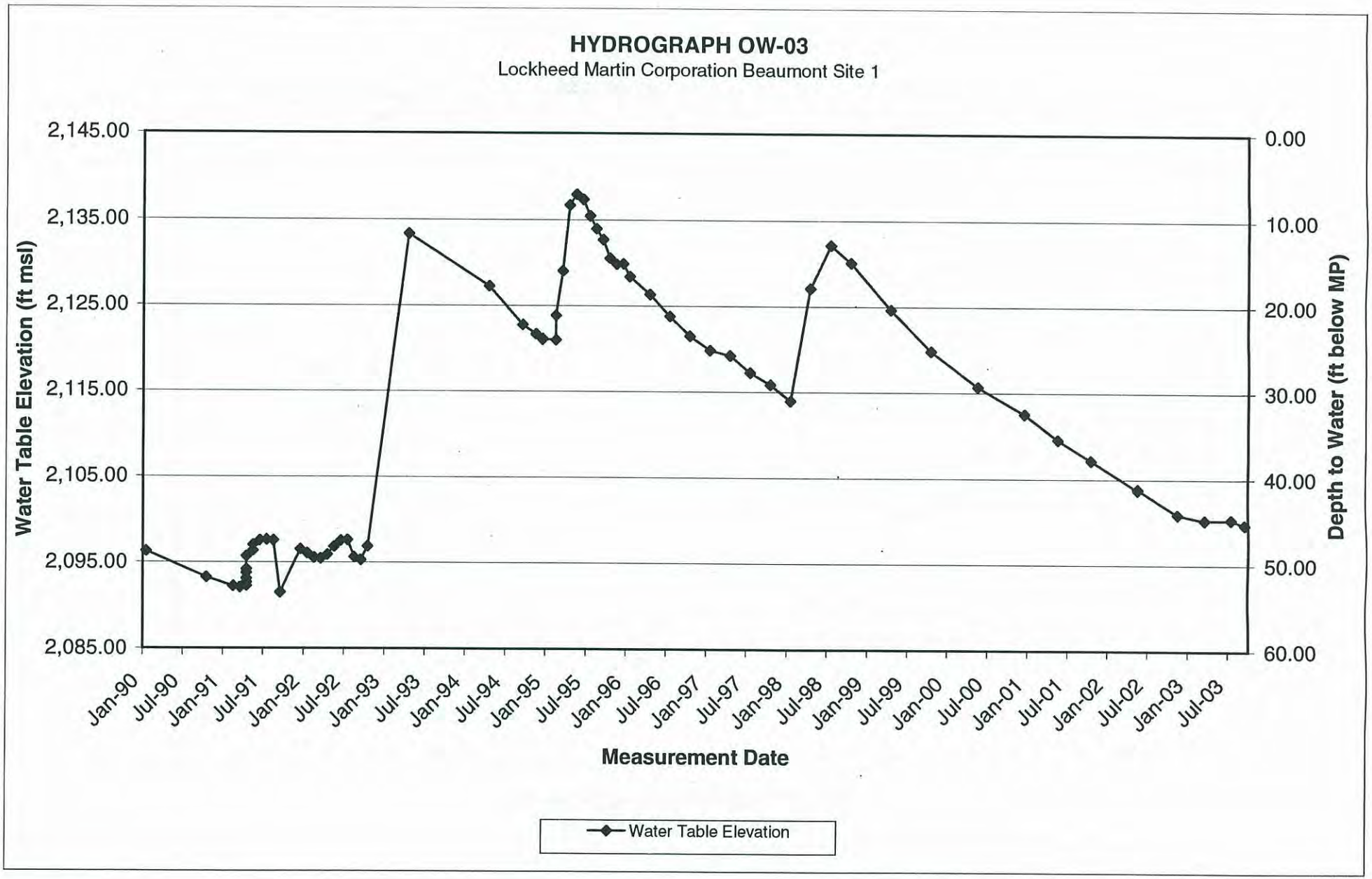

HYDROGRAPH MW-64
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,130.00
2,125.00
2,120.00
2,115.00
2,110.00
2,105.00
2,100.00
2,095.00
Depth to Water (ft below MP)
0.00
5.00
10.00
15.00
20.00
25.00
30.00
35.00
Apr-93
Aug-93
Dec-93
Apr-94
Aug-94
Dec-94
Apr-95
Aug-95
Dec-95
Apr-96
Aug-96
Dec-96
Apr-97
Aug-97
Dec-97
Apr-98
Aug-98
Dec-98
Apr-99
Aug-99
Dec-99
Apr-00
Aug-00
Dec-00
Apr-01
Aug-01
Dec-01
Apr-02
Aug-02
Dec-02
Apr-03
Aug-03
Measurement Date
Water Table Elevation

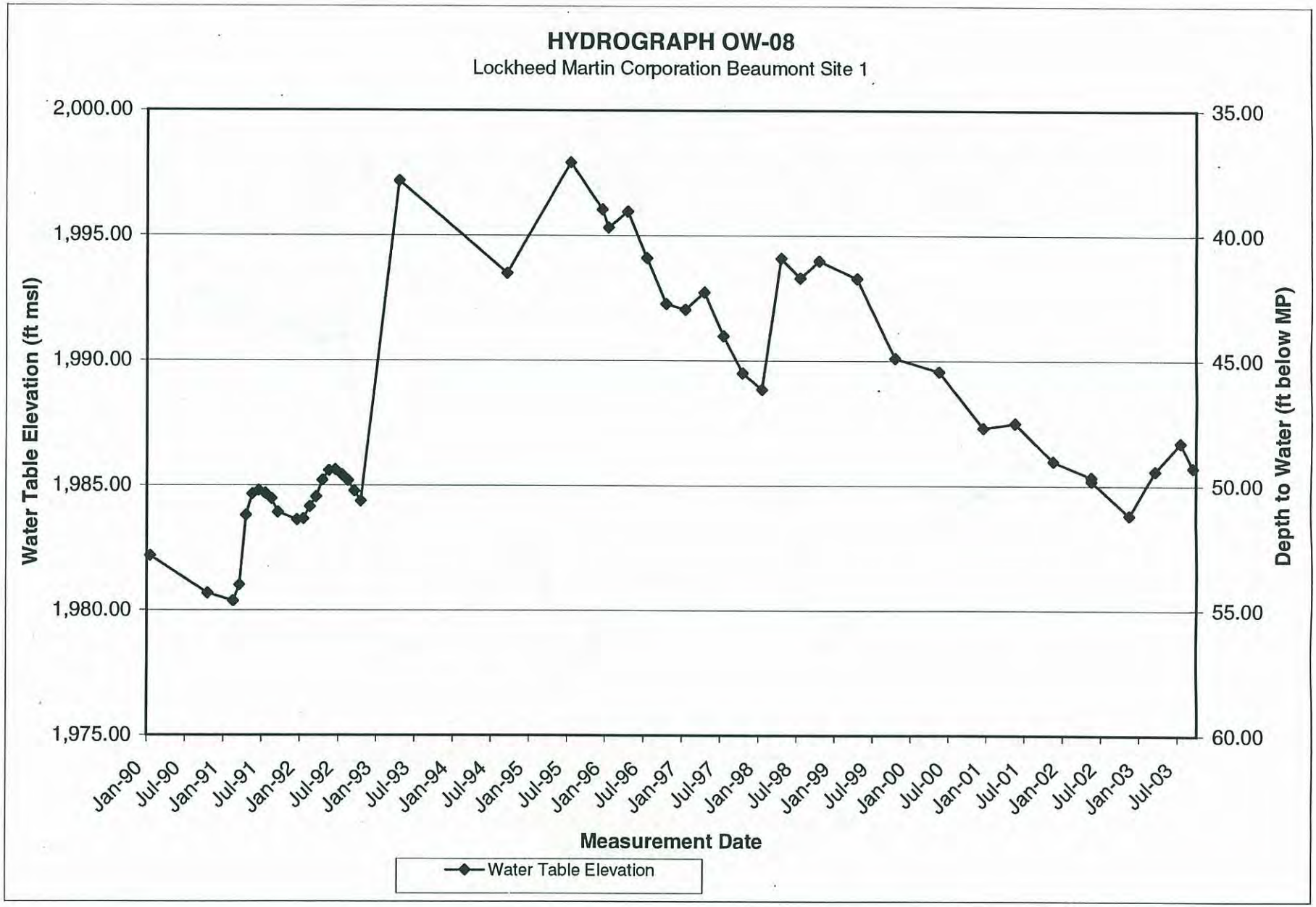

HYDROGRAPH MW-65
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,130.00
2,125.00
2,120.00
2,115.00
2,110.00
2,105.00
2,100.00
2,095.00
Depth to Water (ft below MP)
0.00
5.00
10.00
15.00
20.00
25.00
30.00
35.00
Apr-93
Oct-93
Apr-94
Oct-94
Apr-95
Oct-95
Apr-96
Oct-96
Apr-97
Oct-97
Apr-98
Oct-98
Apr-99
Oct-99
Apr-00
Oct-00
Apr-01
Oct-01
Apr-02
Oct-02
Apr-03
Measurement Date
Water Table Elevation

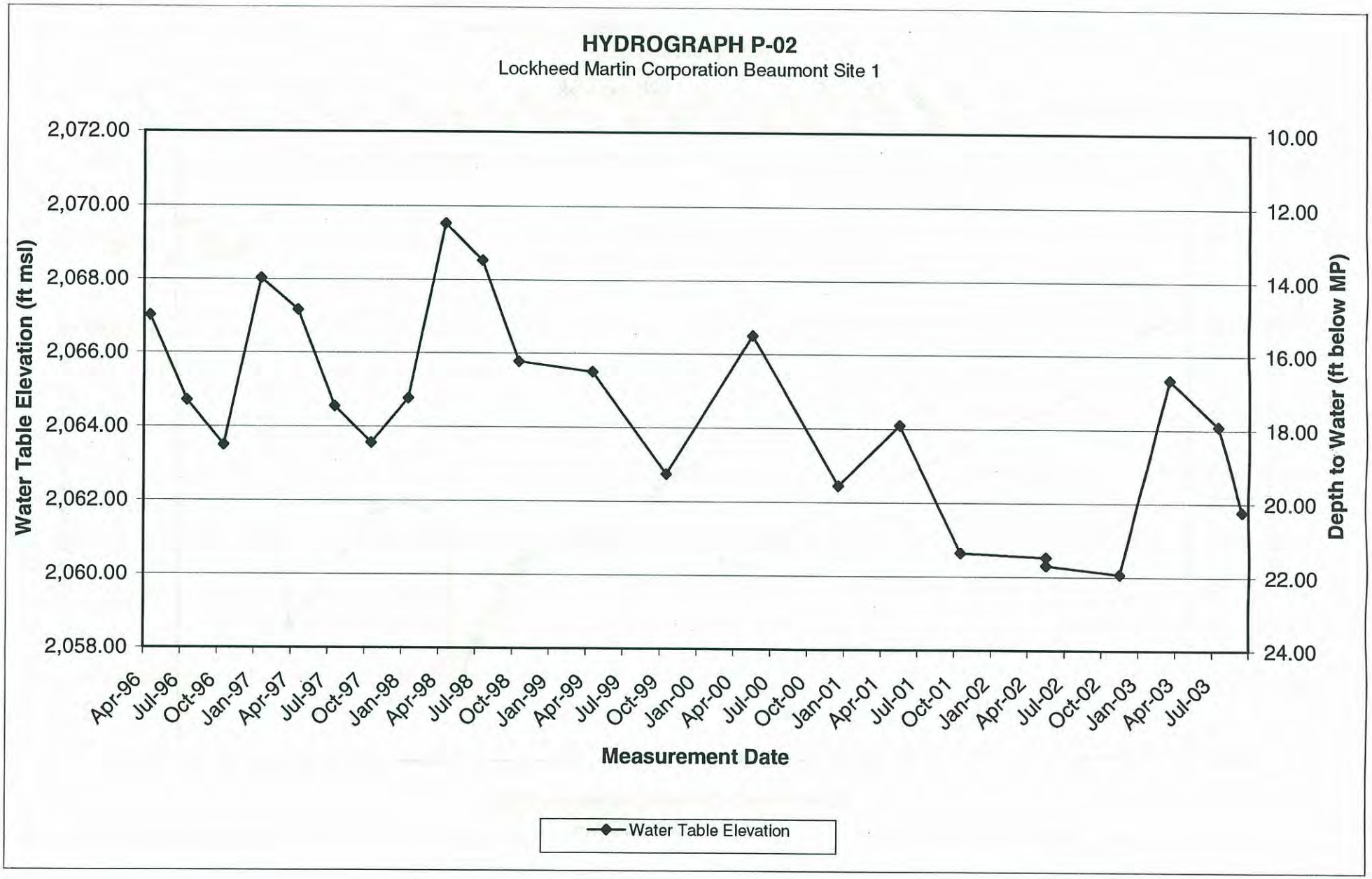

HYDROGRAPH MW-66
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,120.00
2,115.00
2,110.00
2,105.00
2,100.00
2,095.00
2,090.00
Depth to Water (ft below MP)
10.00
15.00
20.00
25.00
30.00
35.00
40.00
Apr-93
Aug-93
Dec-93
Apr-94
Aug-94
Dec-94
Apr-95
Aug-95
Dec-95
Apr-96
Aug-96
Dec-96
Apr-97
Aug-97
Dec-97
Apr-98
Aug-98
Dec-98
Apr-99
Aug-99
Dec-99
Apr-00
Aug-00
Dec-00
Apr-01
Aug-01
Dec-01
Apr-02
Aug-02
Dec-02
Apr-03
Aug-03
Measurement Date
Water Table Elevation

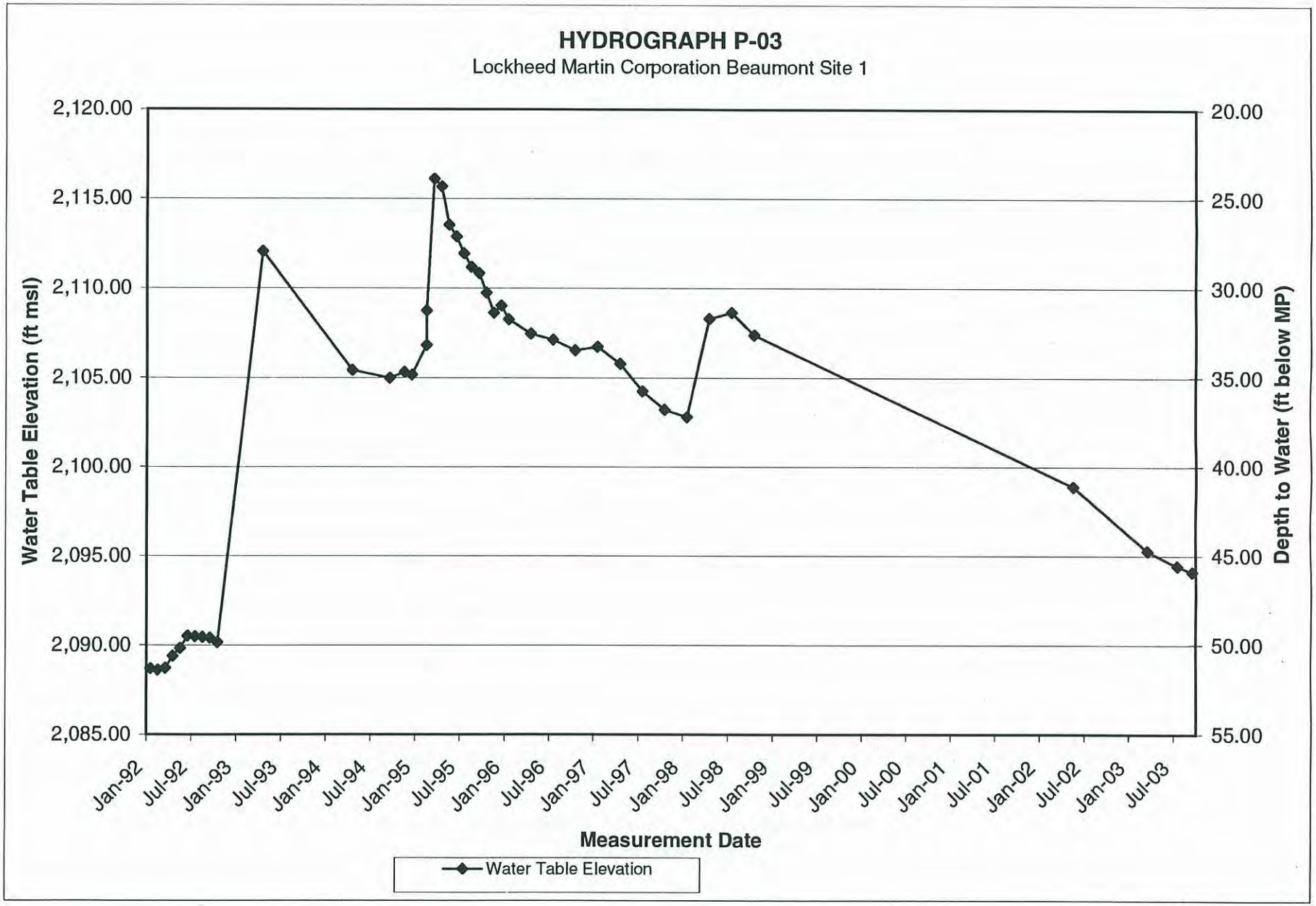

HYDROGRAPH OW-01
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,190.00
2,180.00
2,170.00
2,160.00
2,150.00
2,140.00
2,130.00
Depth to Water (ft below MP)
15.00
25.00
35.00
45.00
55.00
65.00
75.00
May-91
Nov-91
May-92
Nov-92
May-93
Nov-93
May-94
Nov-94
May-95
Nov-95
May-96
Nov-96
May-97
Nov-97
May-98
Nov-98
May-99
Nov-99
May-00
Nov-00
May-01
Nov-01
May-02
Nov-02
May-03
Measurement Date
Water Table Elevation

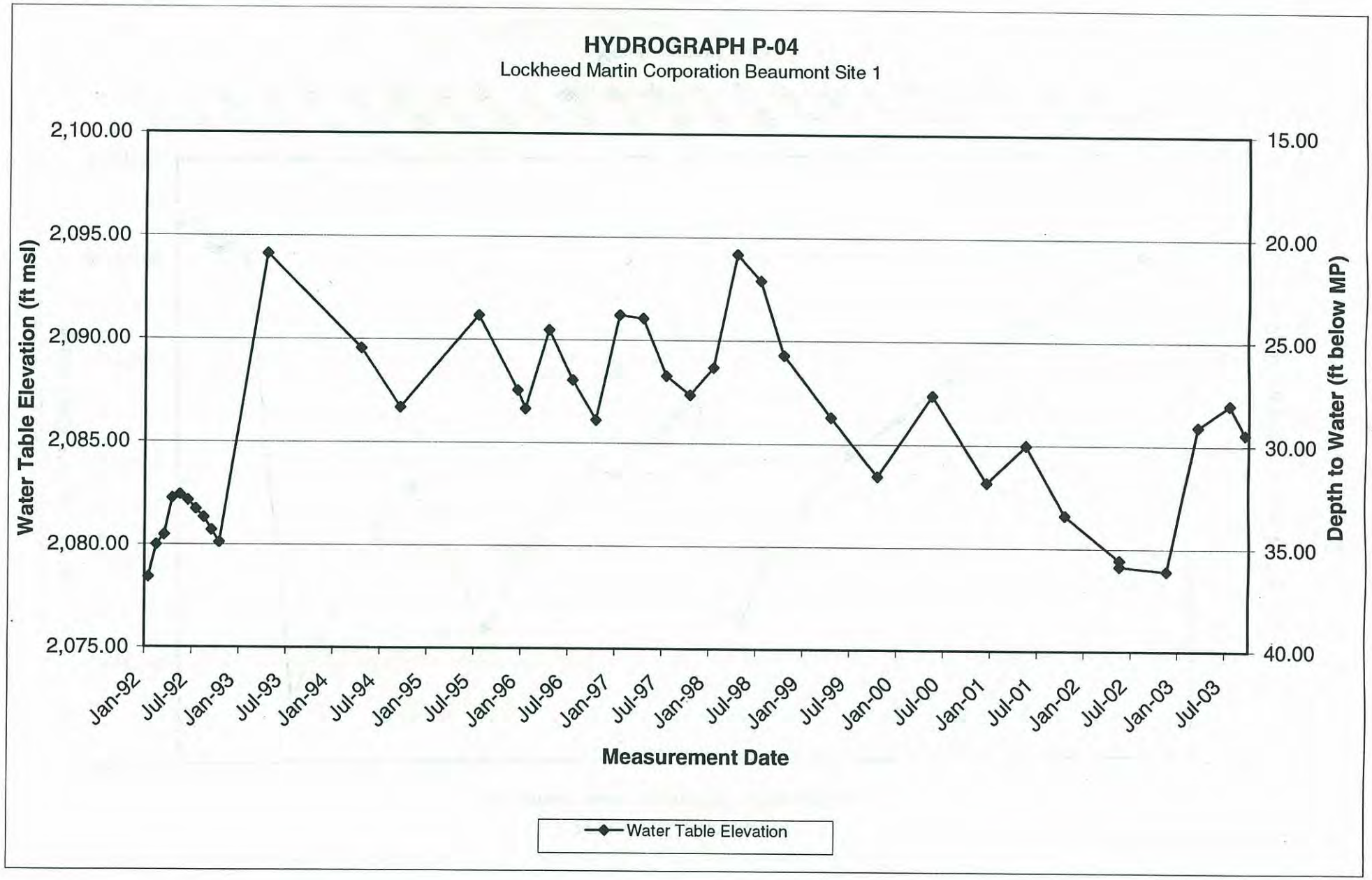

HYDROGRAPH OW-02
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,080.00
2,079.00
2,078.00
2,077.00
2,076.00
2,075.00
2,074.00
2,073.00
Depth to Water (ft below MP)
-1.00
0.00
1.00
2.00
3.00
4.00
5.00
6.00
Jan-90
Jul-90
Jan-91
Jul-91
Jan-92
Jul-92
Jan-93
Jul-93
Jan-94
Jul-94
Jan-95
Jul-95
Jan-96
Jul-96
Jan-97
Jul-97
Jan-98
Jul-98
Jan-99
Jul-99
Jan-00
Jul-00
Jan-01
Jul-01
Jan-02
Jul-02
Jan-03
Jul-03
Measurement Date
Water Table Elevation

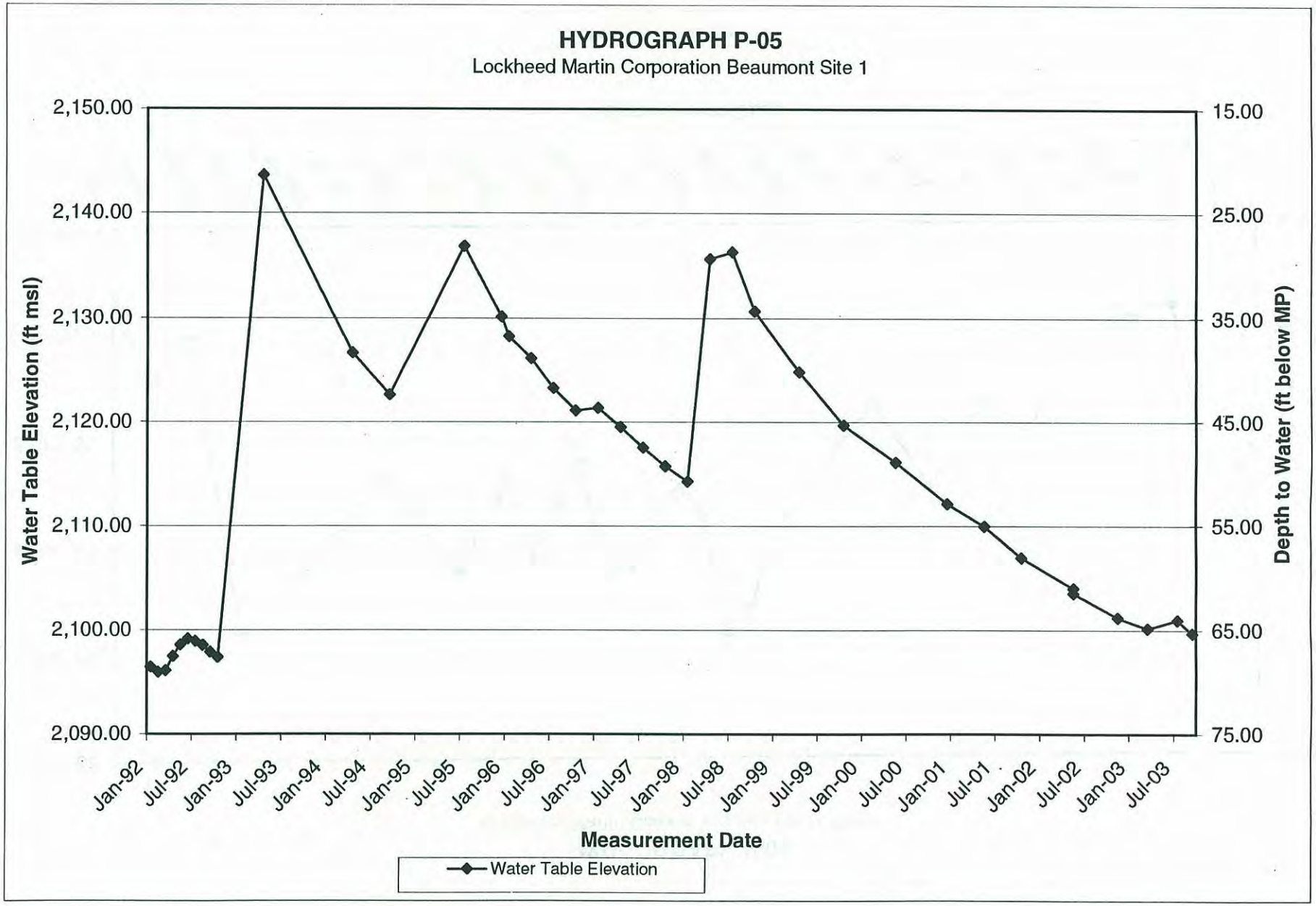

HYDROGRAPH OW-03
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,145.00
2,135.00
2,125.00
2,115.00
2,105.00
2,095.00
2,085.00
Depth to Water (ft below MP)
0.00
10.00
20.00
30.00
40.00
50.00
60.00
Jan-90
Jul-90
Jan-91
Jul-91
Jan-92
Jul-92
Jan-93
Jul-93
Jan-94
Jul-94
Jan-95
Jul-95
Jan-96
Jul-96
Jan-97
Jul-97
Jan-98
Jul-98
Jan-99
Jul-99
Jan-00
Jul-00
Jan-01
Jul-01
Jan-02
Jul-02
Jan-03
Jul-03
Measurement Date
Water Table Elevation


HYDROGRAPH OW-08
Lockheed Martin Corporation Beaumont Site 1
2,000.00
1,995.00
1,990.00
1,985.00
1,980.00
1,975.00
Water Table Elevation (ft msl)
35.00
40.00
45.00
50.00
55.00
60.00
Depth to Water (ft below MP)
Jan-90
Jul-90
Jan-91
Jul-91
Jan-92
Jul-92
Jan-93
Jul-93
Jan-94
Jul-94
Jan-95
Jul-95
Jan-96
Jul-96
Jan-97
Jul-97
Jan-98
Jul-98
Jan-99
Jul-99
Jan-00
Jul-00
Jan-01
Jul-01
Jan-02
Jul-02
Jan-03
Jul-03
Measurement Date
Water Table Elevation

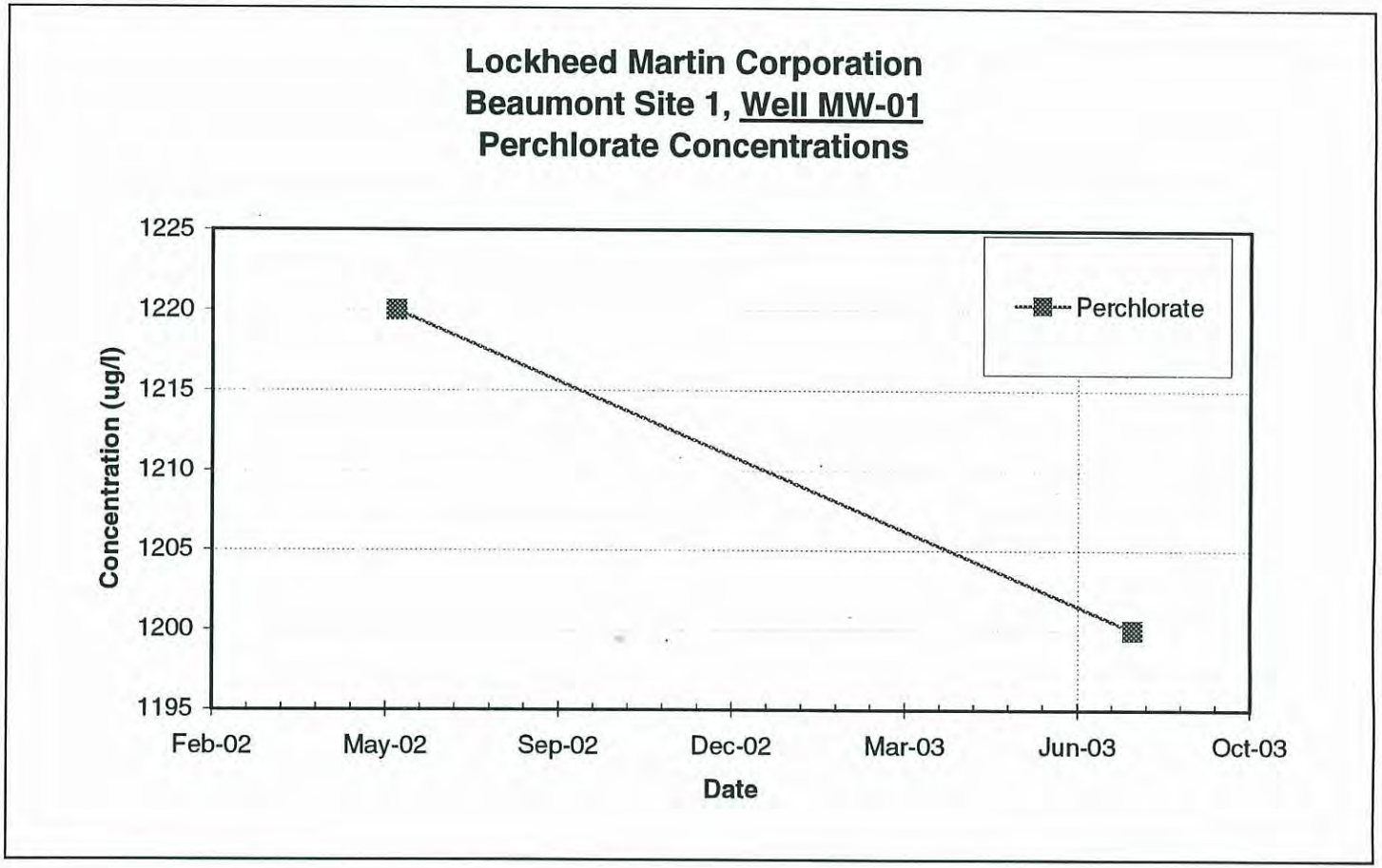

HYDROGRAPH P-02
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,072.00
2,070.00
2,068.00
2,066.00
2,064.00
2,062.00
2,060.00
2,058.00
Depth to Water (ft below MP)
10.00
12.00
14.00
16.00
18.00
20.00
22.00
24.00
Apr-96
Jul-96
Oct-96
Jan-97
Apr-97
Jul-97
Oct-97
Jan-98
Apr-98
Jul-98
Oct-98
Jan-99
Apr-99
Jul-99
Oct-99
Jan-00
Apr-00
Jul-00
Oct-00
Jan-01
Apr-01
Jul-01
Oct-01
Jan-02
Apr-02
Jul-02
Oct-02
Jan-03
Apr-03
Jul-03
Measurement Date
Water Table Elevation


HYDROGRAPH P-03
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,120.00
2,115.00
2,110.00
2,105.00
2,100.00
2,095.00
2,090.00
2,085.00
Depth to Water (ft below MP)
20.00
25.00
30.00
35.00
40.00
45.00
50.00
55.00
Jan-92
Jul-92
Jan-93
Jul-93
Jan-94
Jul-94
Jan-95
Jul-95
Jan-96
Jul-96
Jan-97
Jul-97
Jan-98
Jul-98
Jan-99
Jul-99
Jan-00
Jul-00
Jan-01
Jul-01
Jan-02
Jul-02
Jan-03
Jul-03
Measurement Date
Water Table Elevation

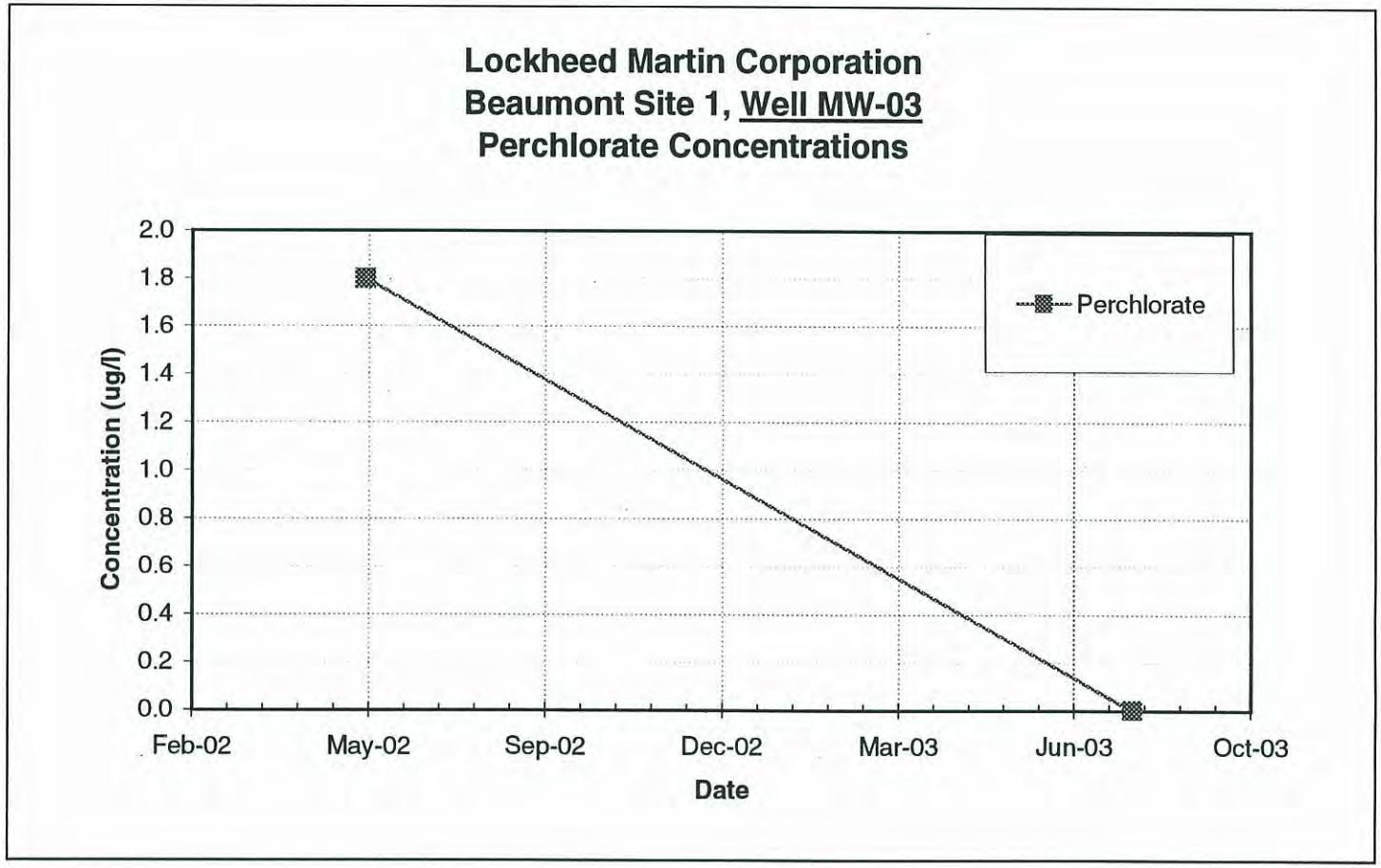

HYDROGRAPH P-04
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,100.00
2,095.00
2,090.00
2,085.00
2,080.00
2,075.00
Depth to Water (ft below MP)
15.00
20.00
25.00
30.00
35.00
40.00
Jan-92
Jul-92
Jan-93
Jul-93
Jan-94
Jul-94
Jan-95
Jul-95
Jan-96
Jul-96
Jan-97
Jul-97
Jan-98
Jul-98
Jan-99
Jul-99
Jan-00
Jul-00
Jan-01
Jul-01
Jan-02
Jul-02
Jan-03
Jul-03
Measurement Date
Water Table Elevation


HYDROGRAPH P-05
Lockheed Martin Corporation Beaumont Site 1
Water Table Elevation (ft msl)
2,150.00
2,140.00
2,130.00
2,120.00
2,110.00
2,100.00
2,090.00
Depth to Water (ft below MP)
15.00
25.00
35.00
45.00
55.00
65.00
75.00
Jan-92
Jul-92
Jan-93
Jul-93
Jan-94
Jul-94
Jan-95
Jul-95
Jan-96
Jul-96
Jan-97
Jul-97
Jan-98
Jul-98
Jan-99
Jul-99
Jan-00
Jul-00
Jan-01
Jul-01
Jan-02
Jul-02
Jan-03
Jul-03
Measurement Date
Water Table Elevation

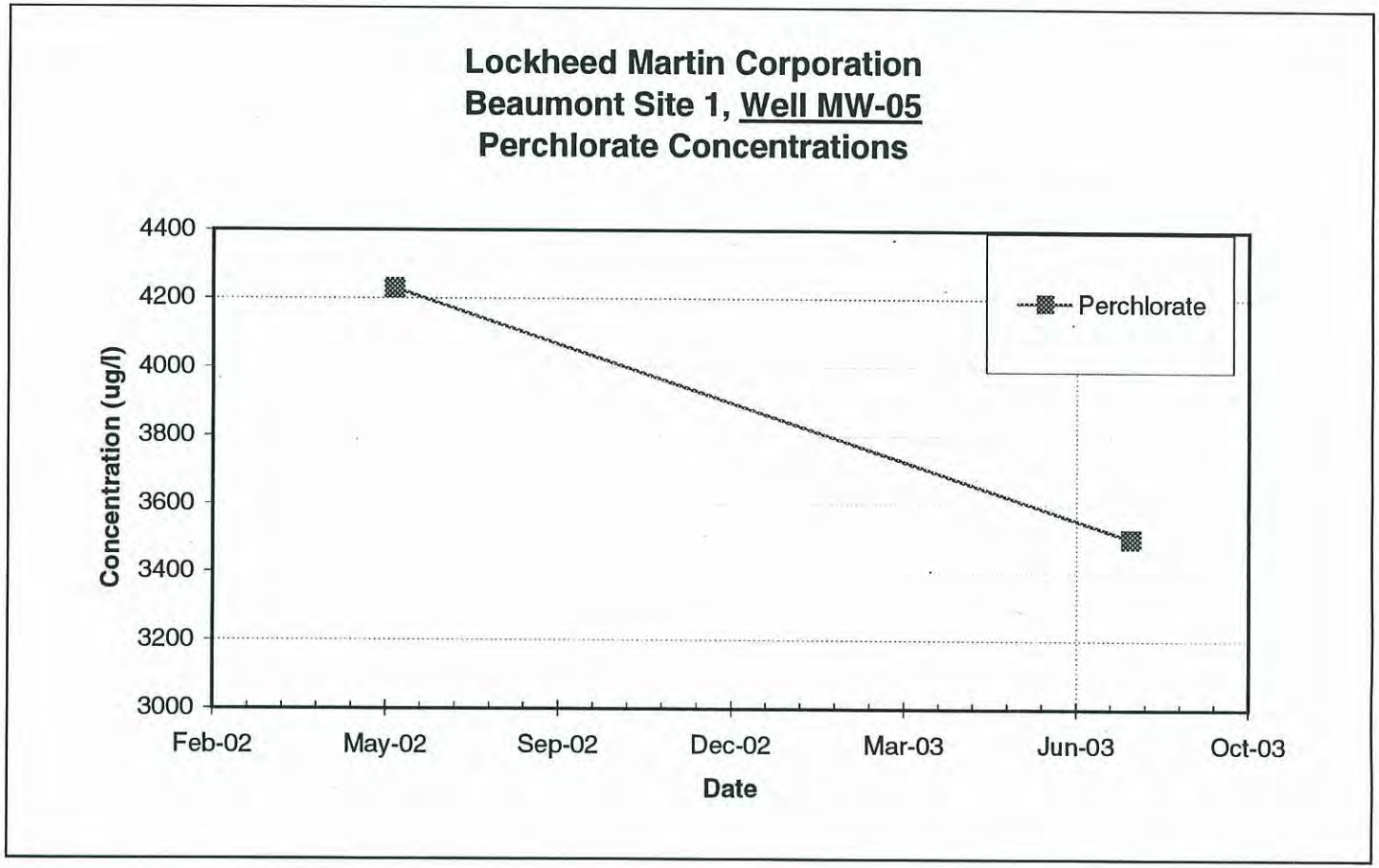
APPENDIX C



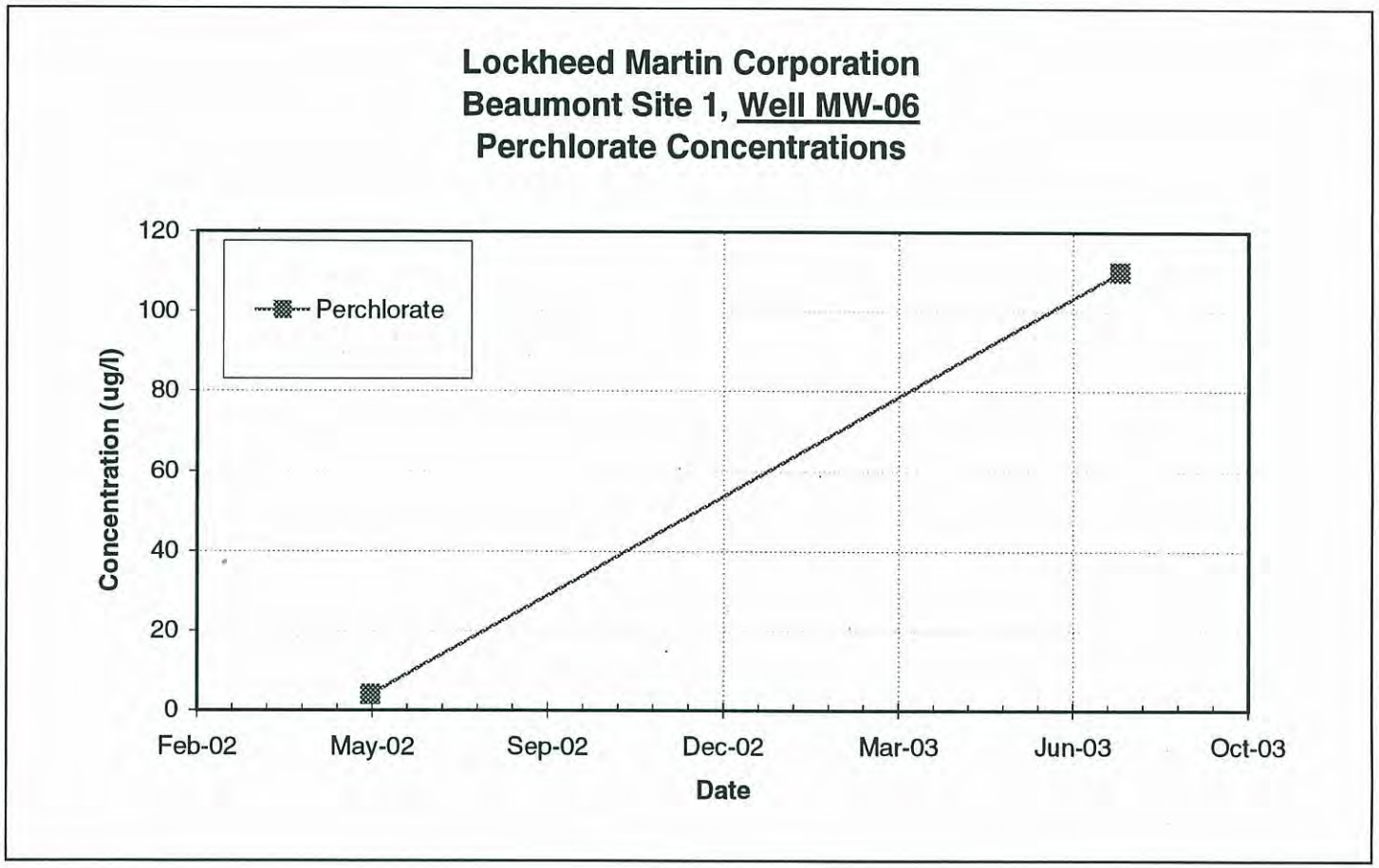
All non detects are set as zero for graphing purpose.



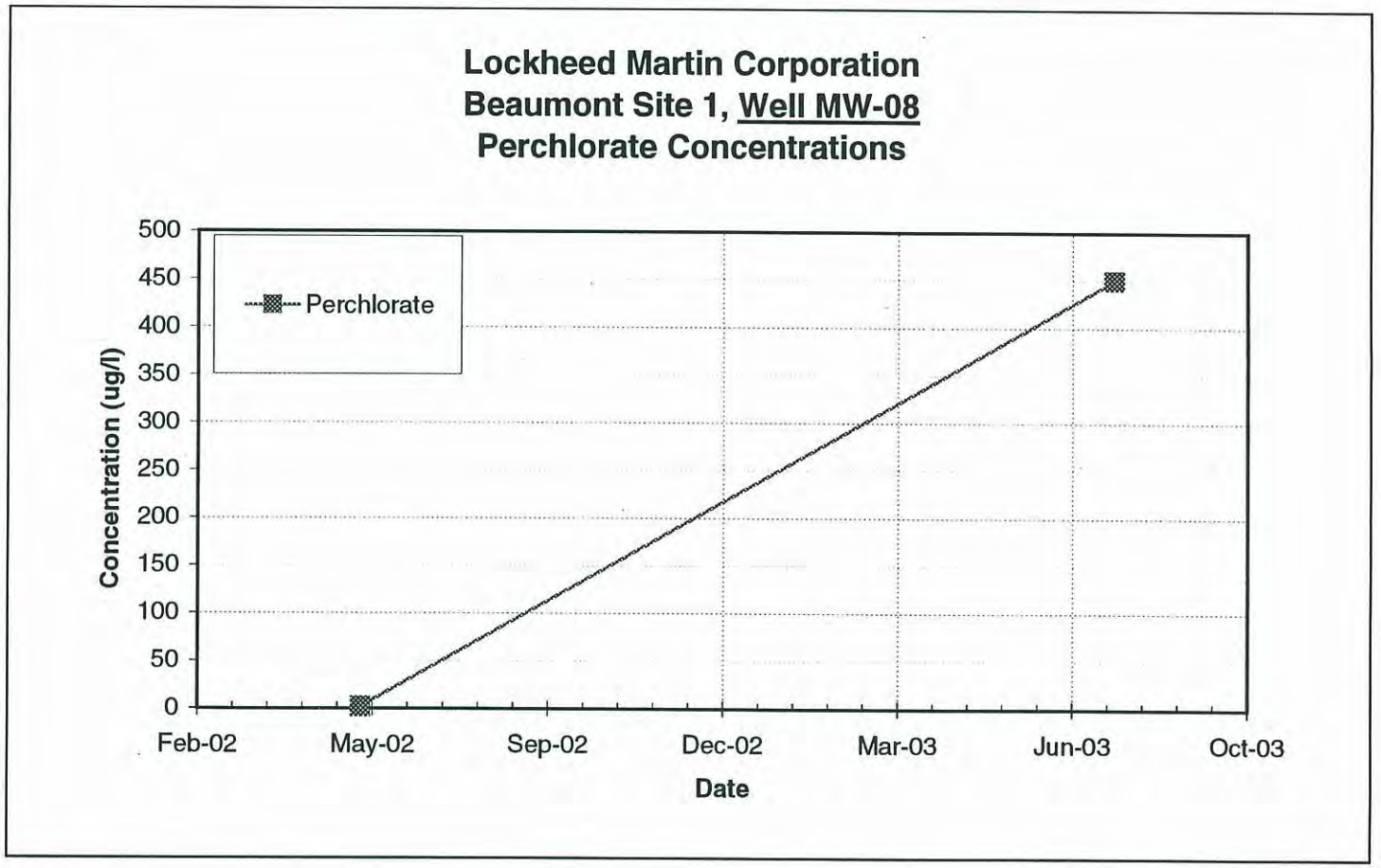
All non detects are set as zero for graphing purpose.



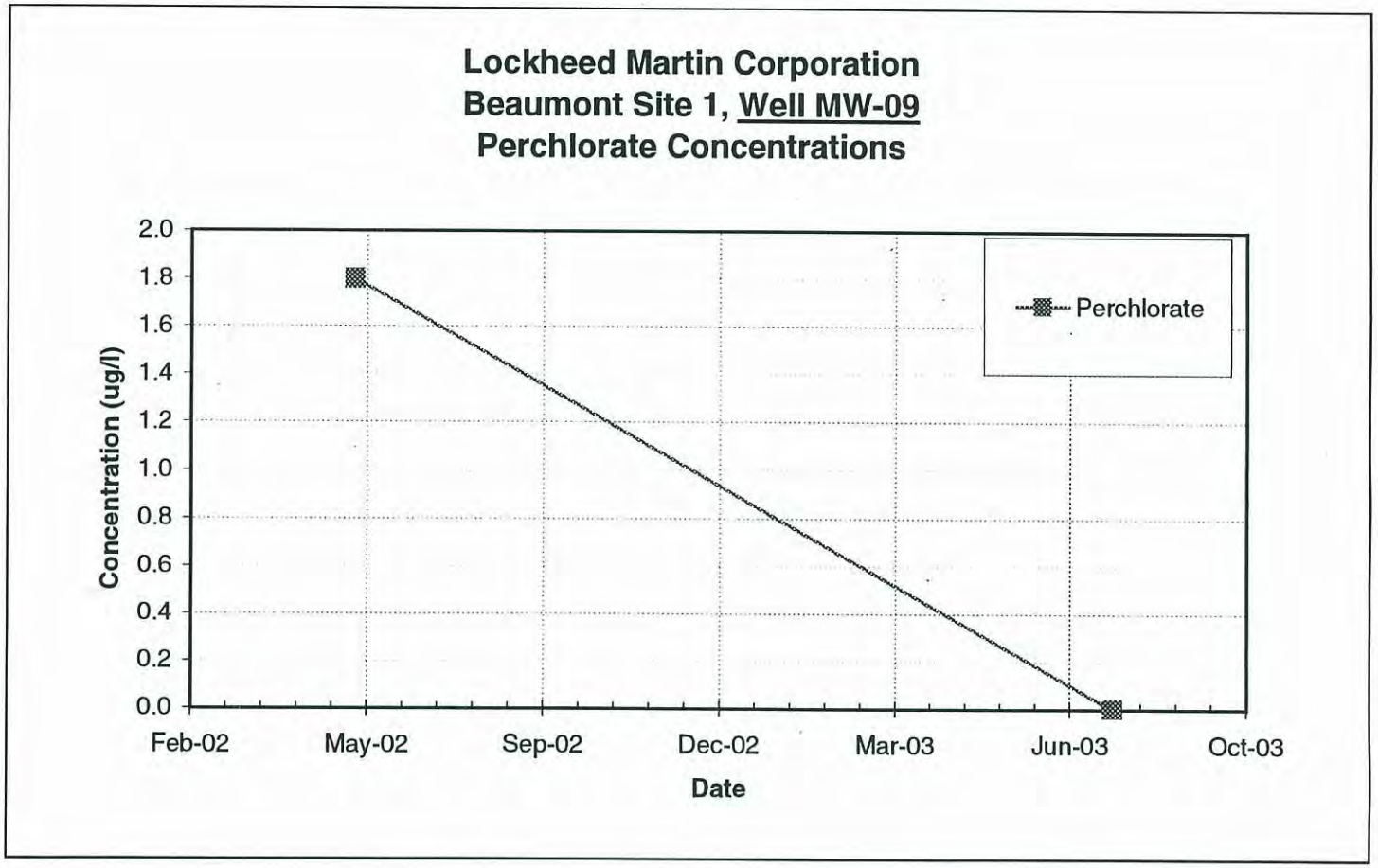
All non detects are set as zero for graphing purpose.



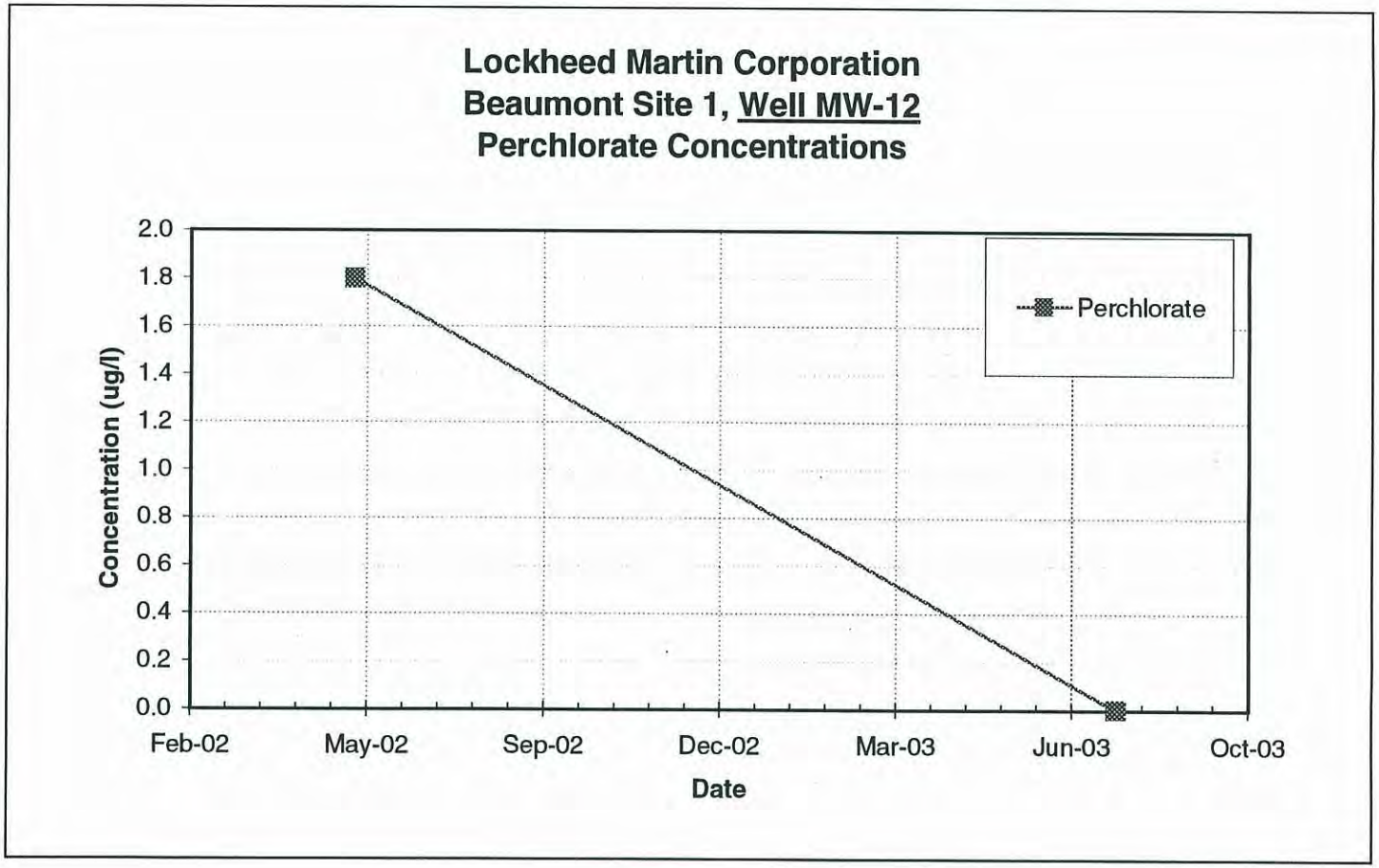
All non-detects are set as zero for graphing purpose.



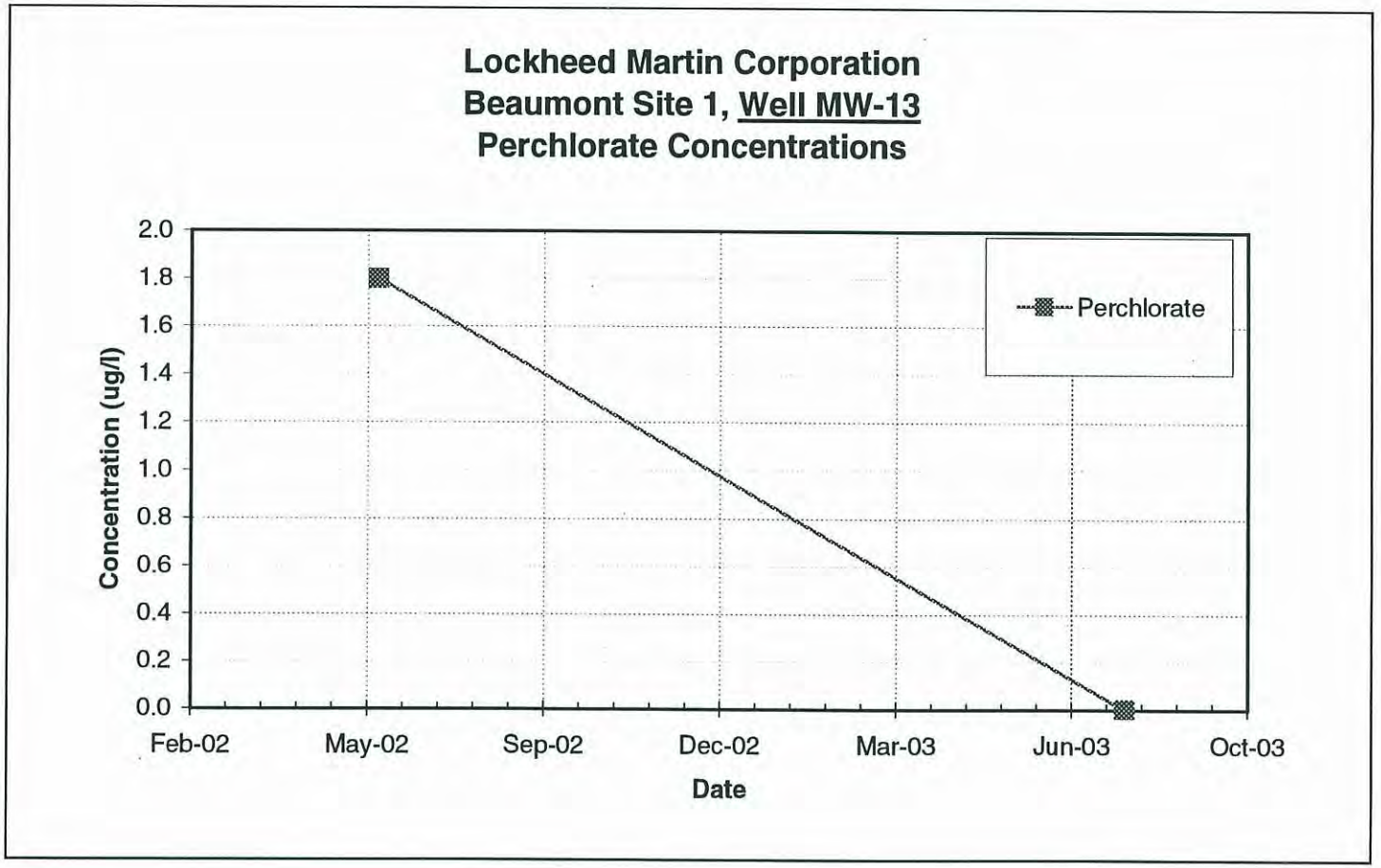
All non detects are set as zero for graphing purpose.



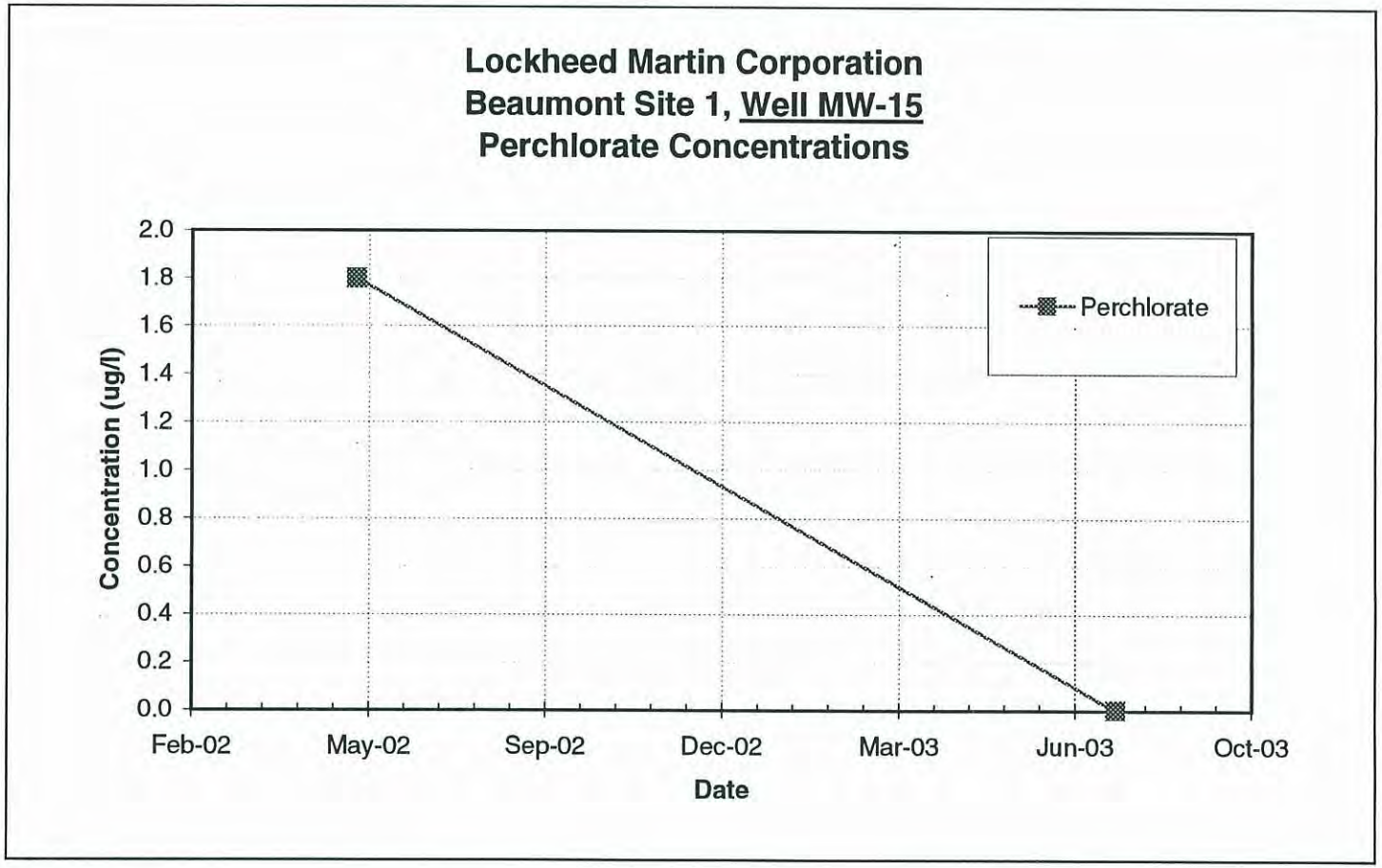
All non detects are set as zero for graphing purpose.



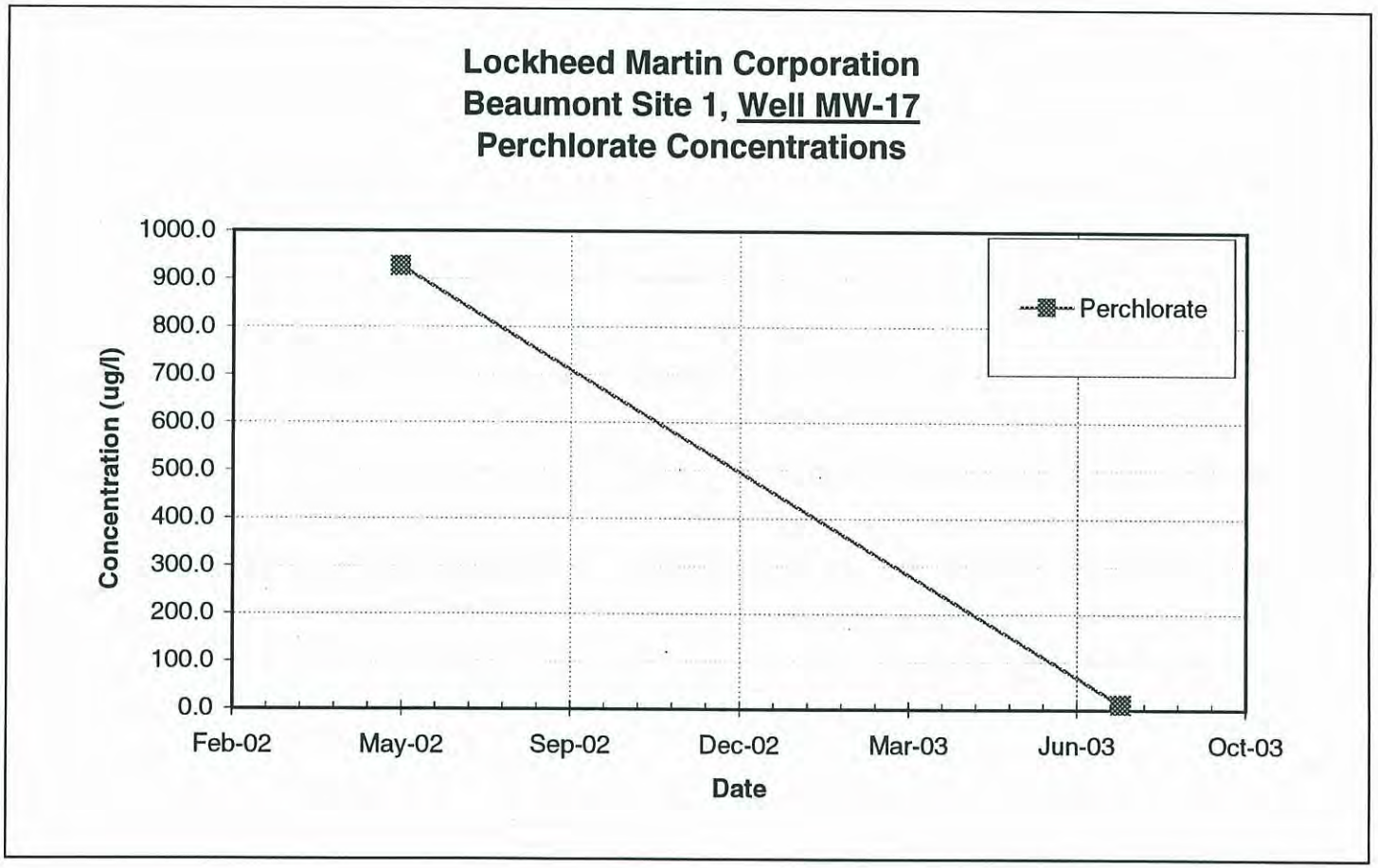
All non detects are set as zero for graphing purpose.



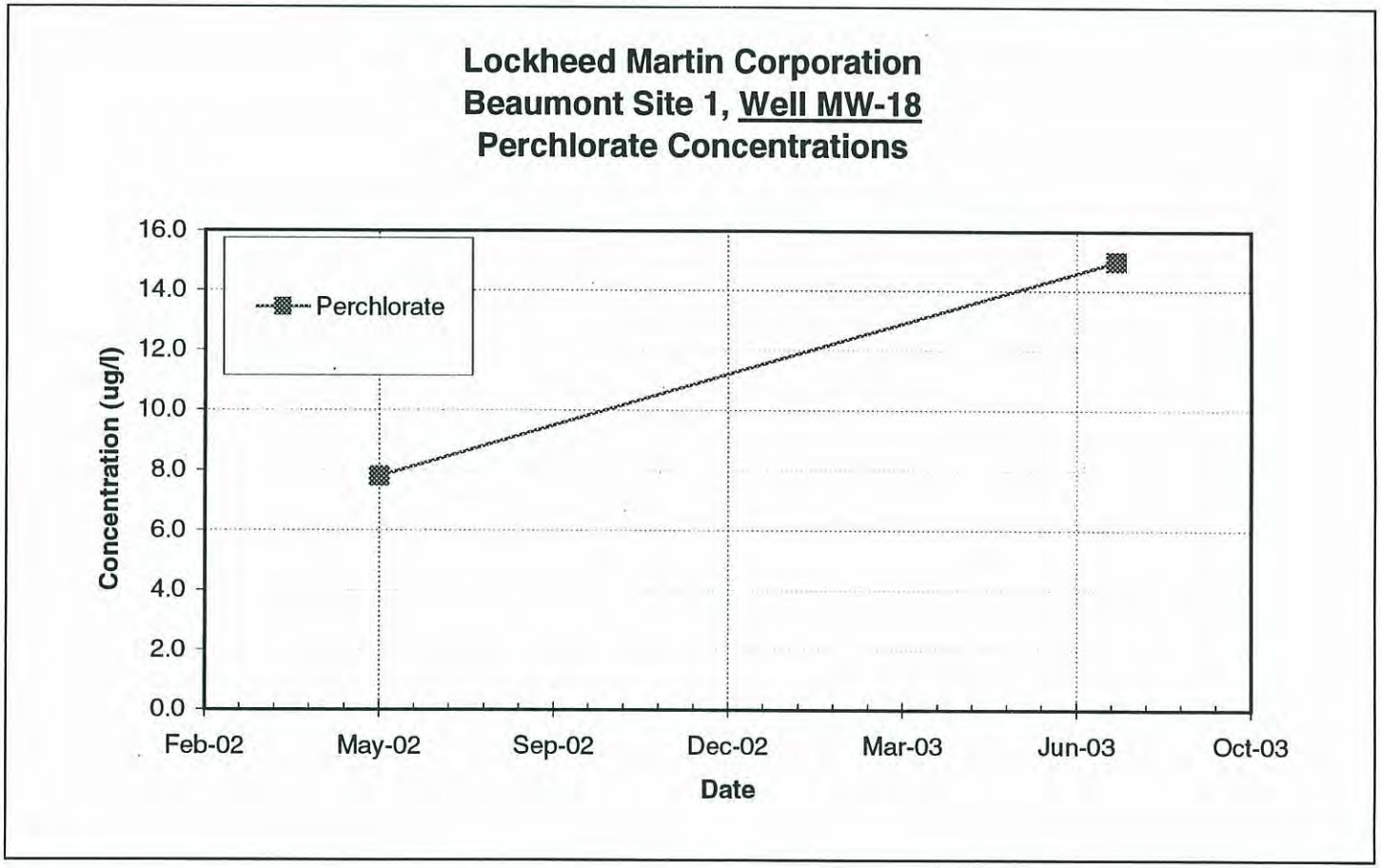
All non detects are set as zero for graphing purpose.



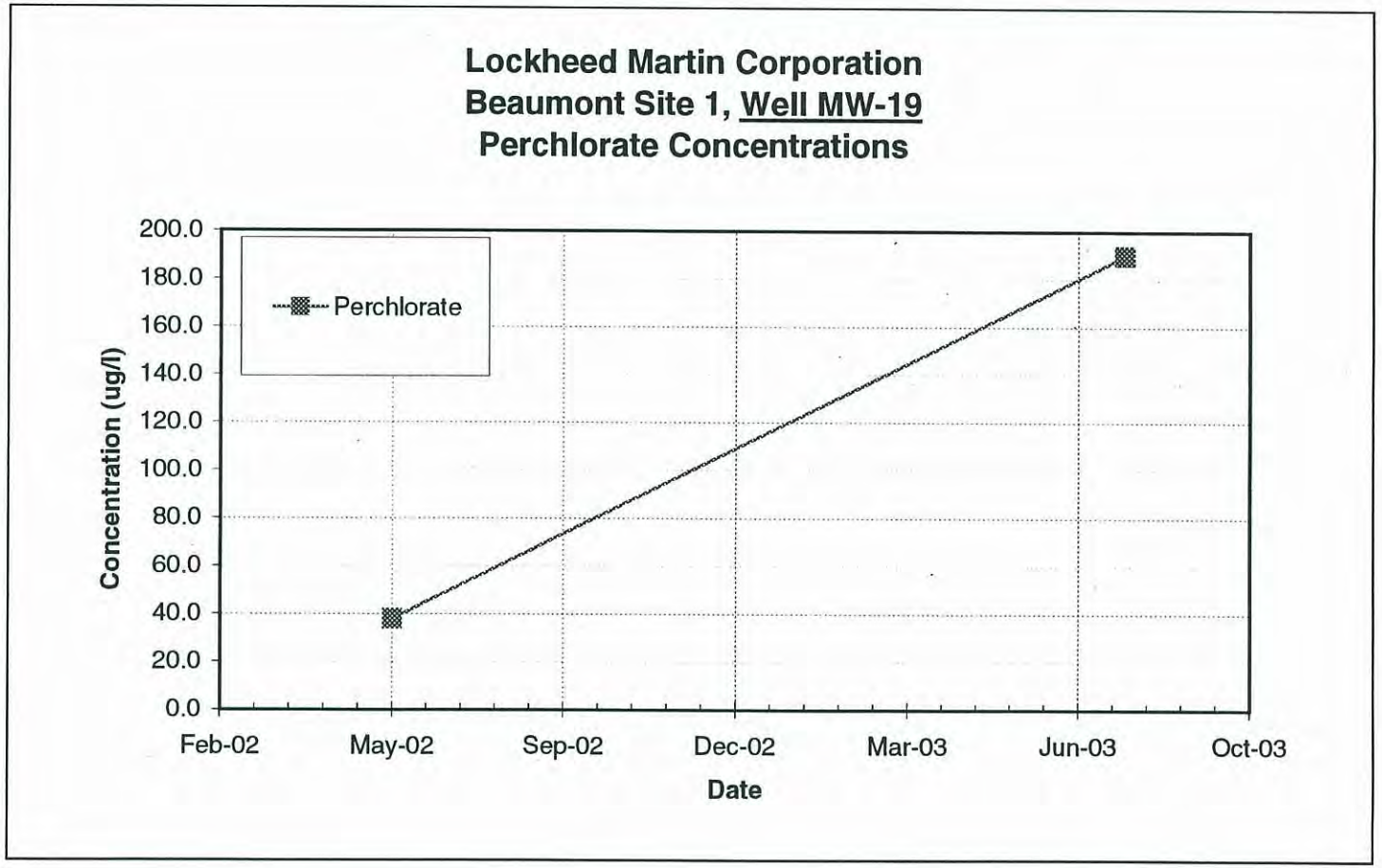
All non detects are set as zero for graphing purpose.



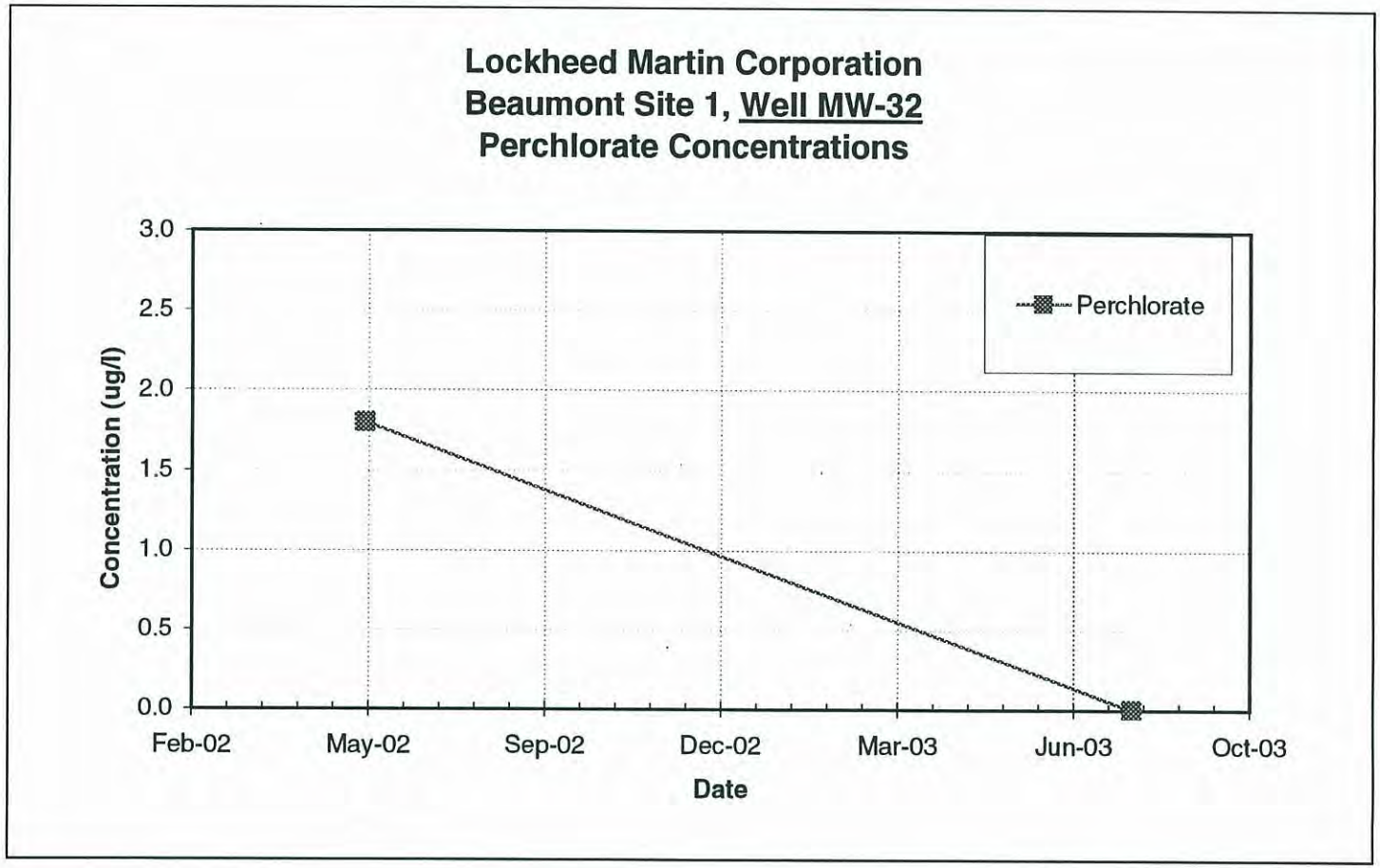
All non detects are set as zero for graphing purpose.



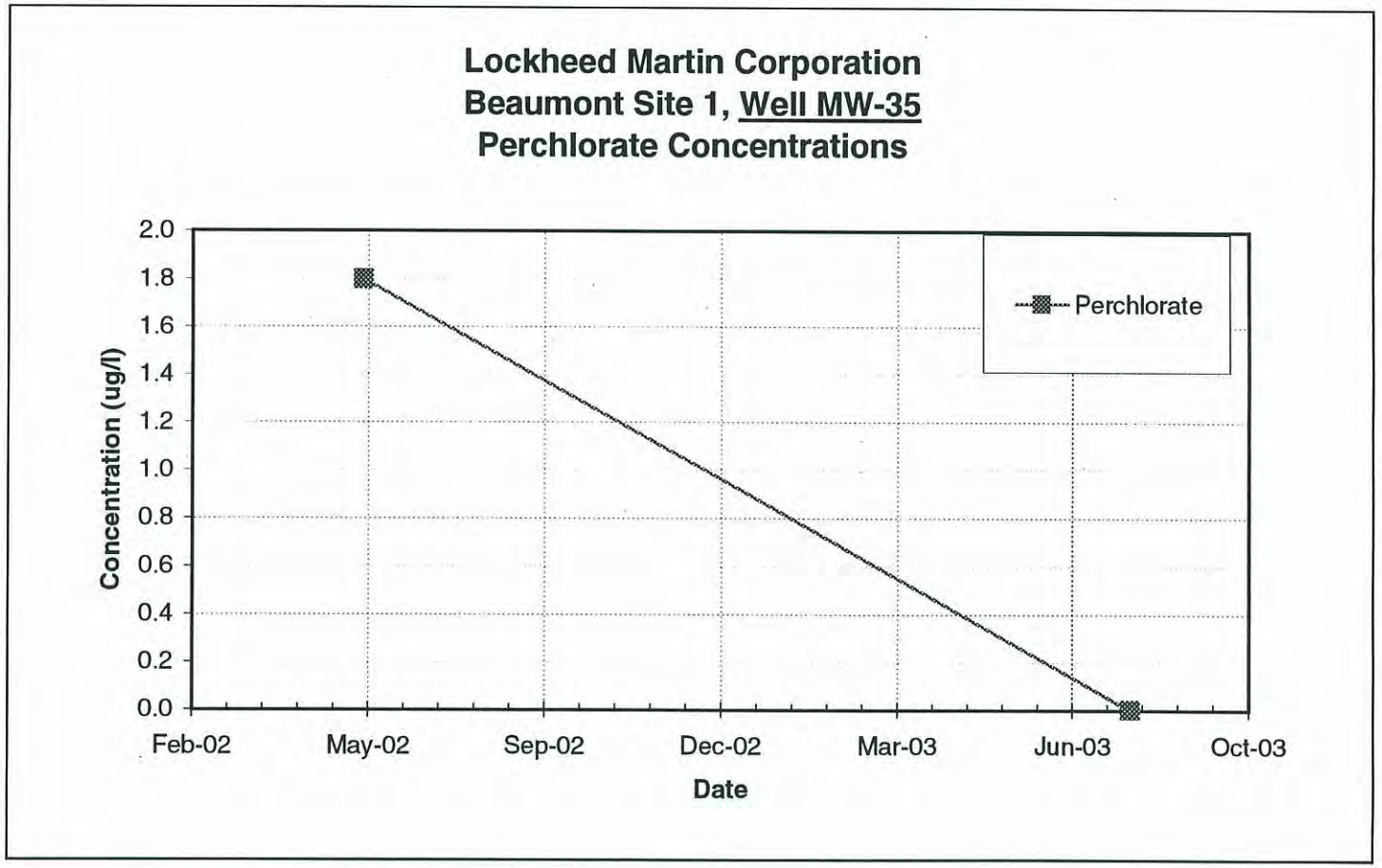
All non detects are set as zero for graphing purpose.



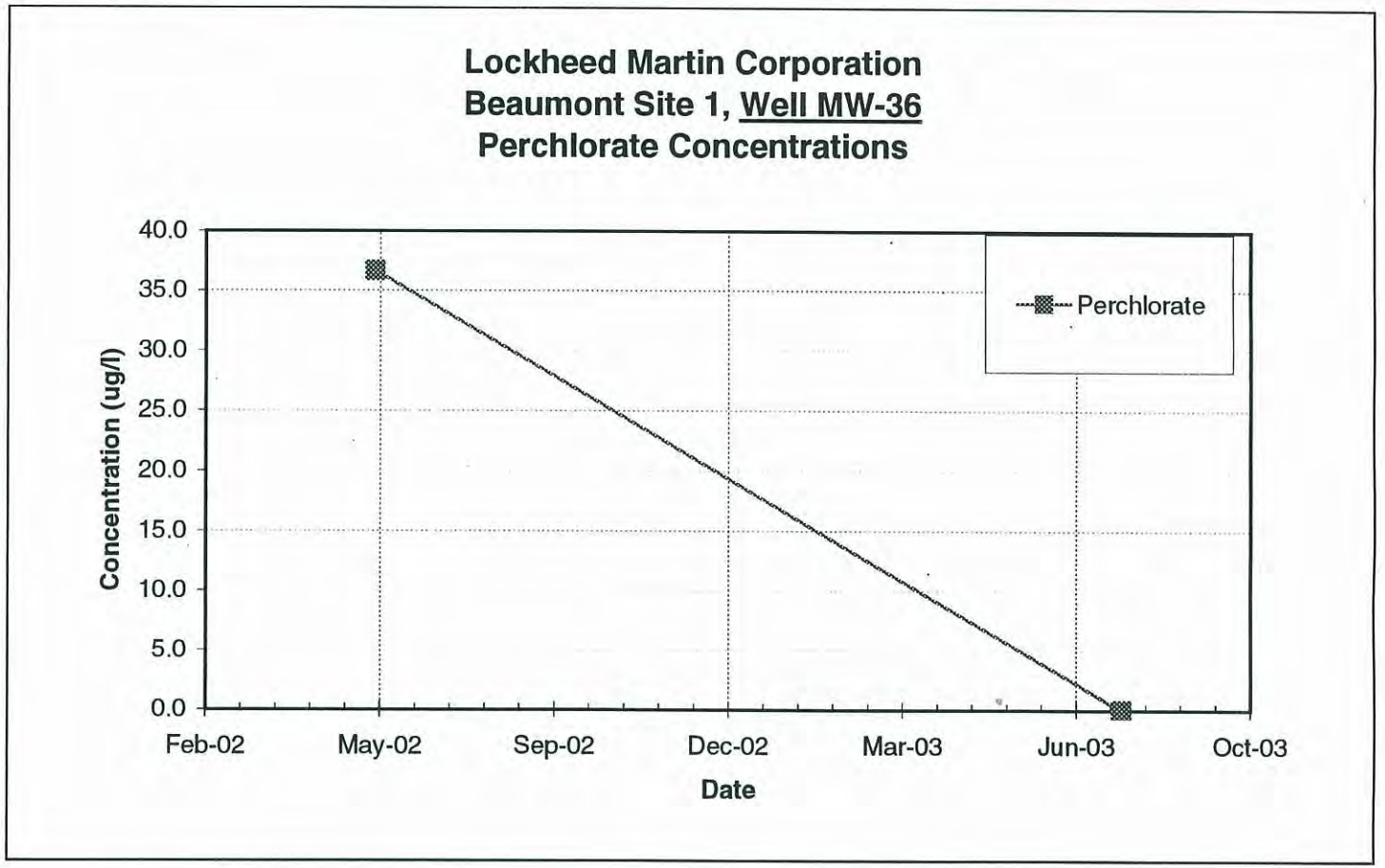
All non detects are set as zero for graphing purpose.



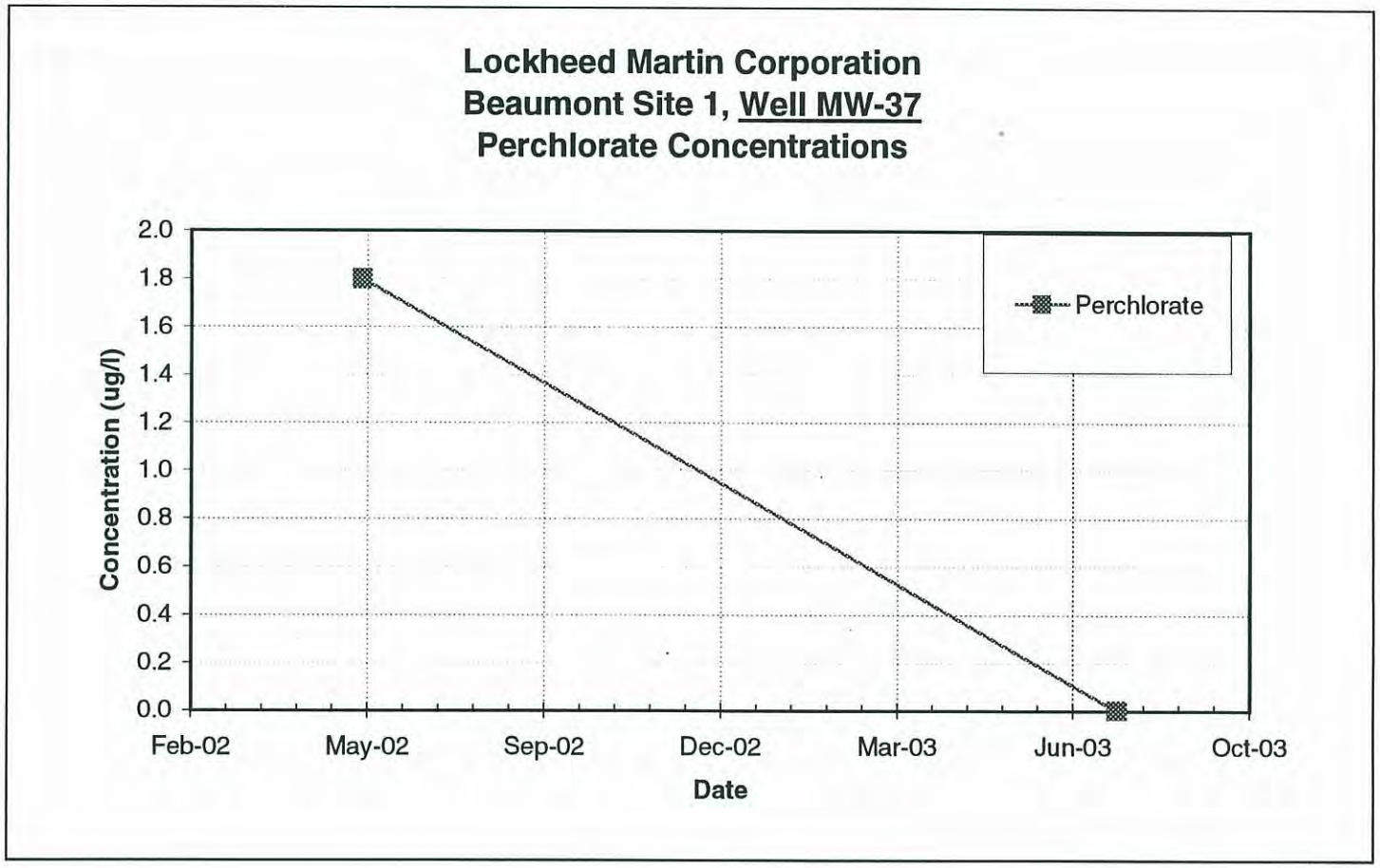
All non detects are set as zero for graphing purpose.



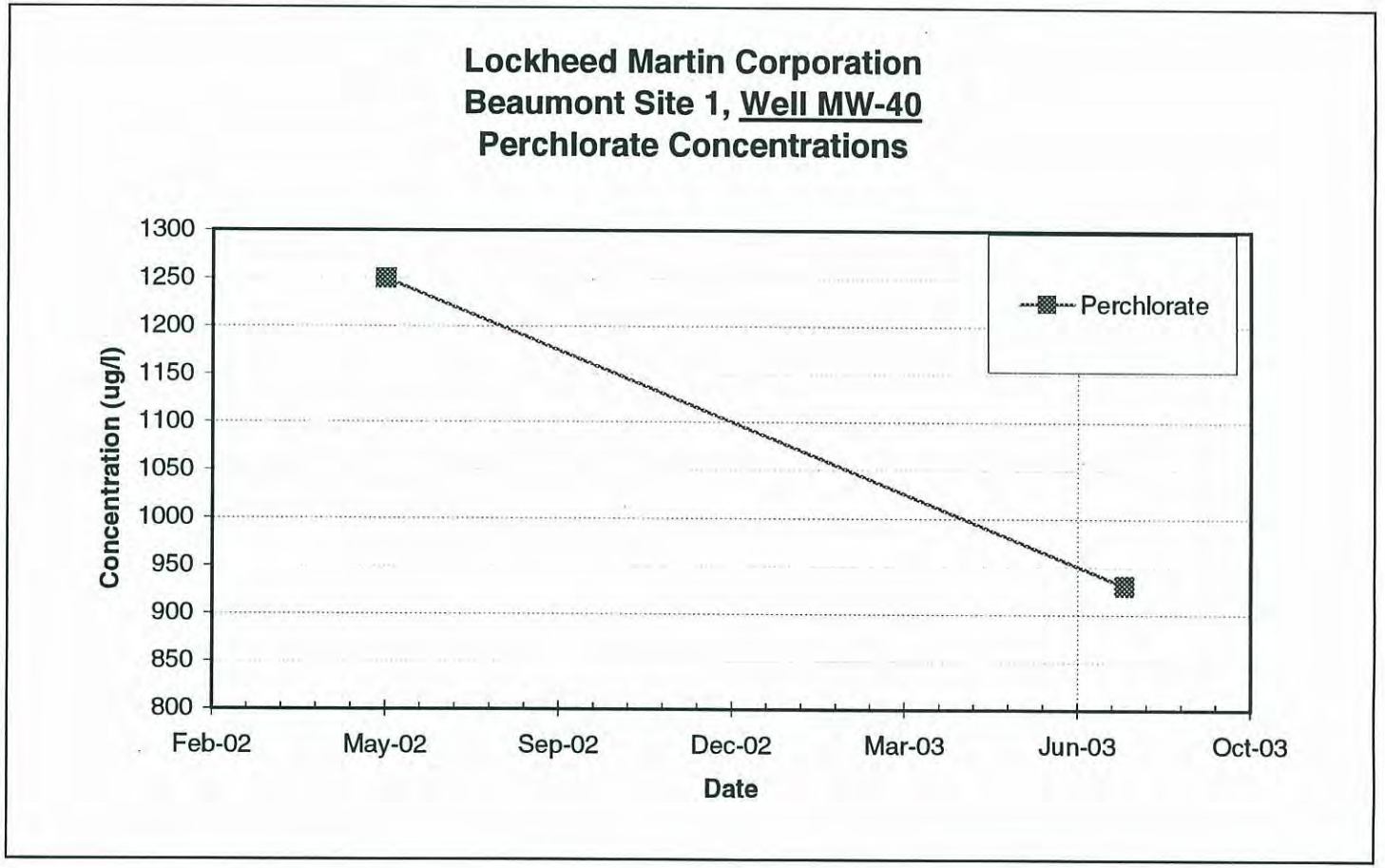
All non detects are set as zero for graphing purpose.



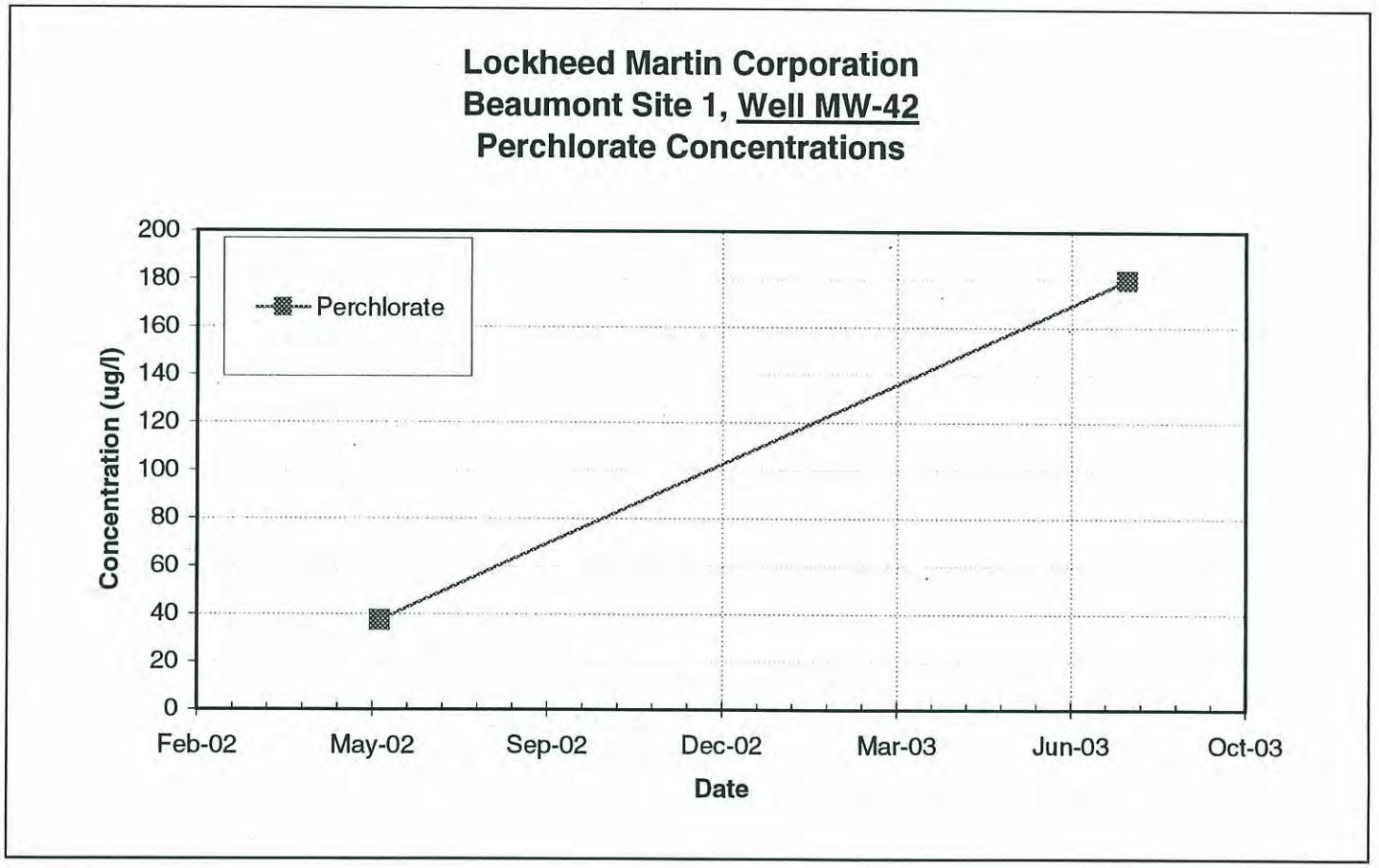
All non detects are set as zero for graphing purpose.



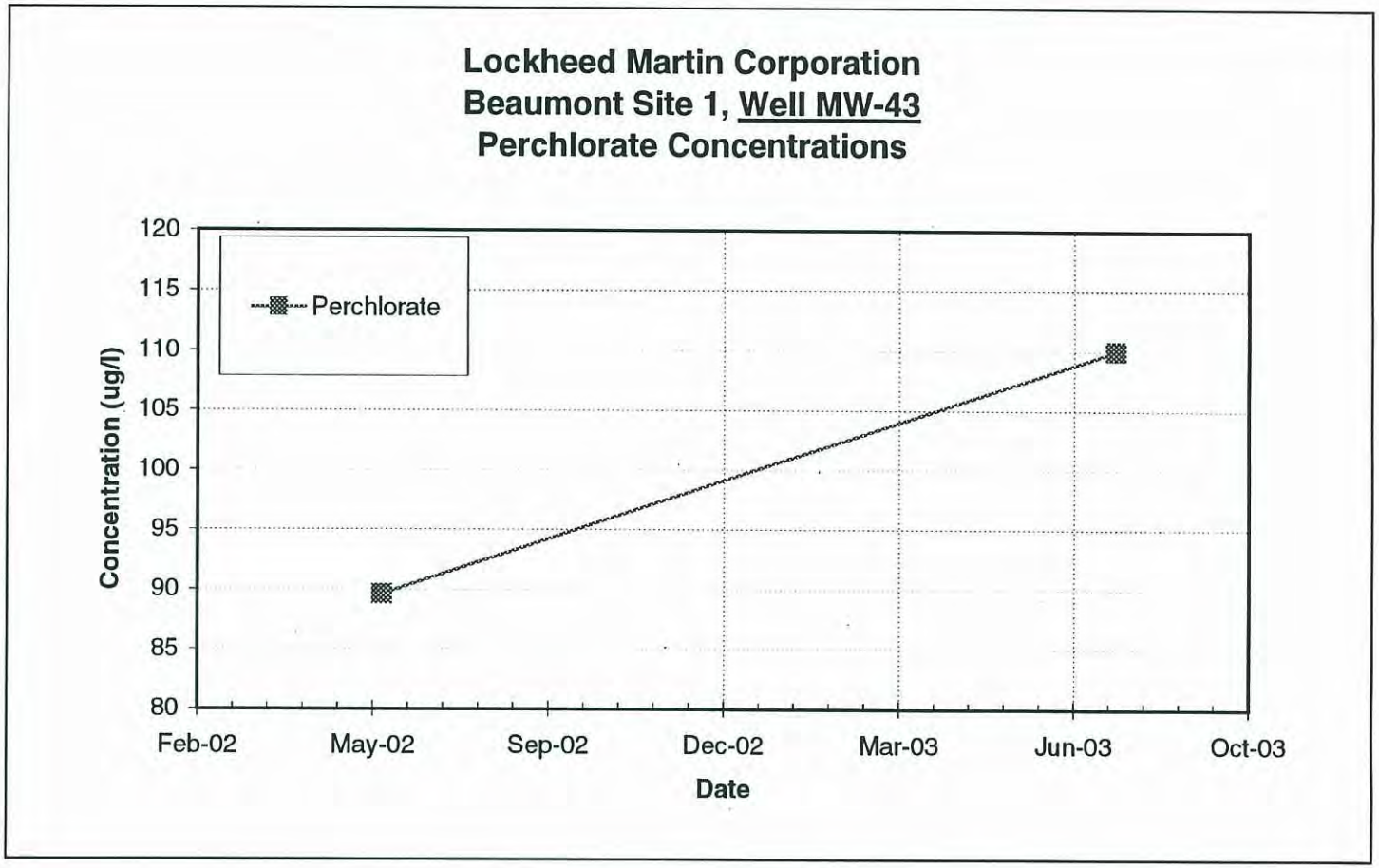
All non detects are set as zero for graphing purpose.



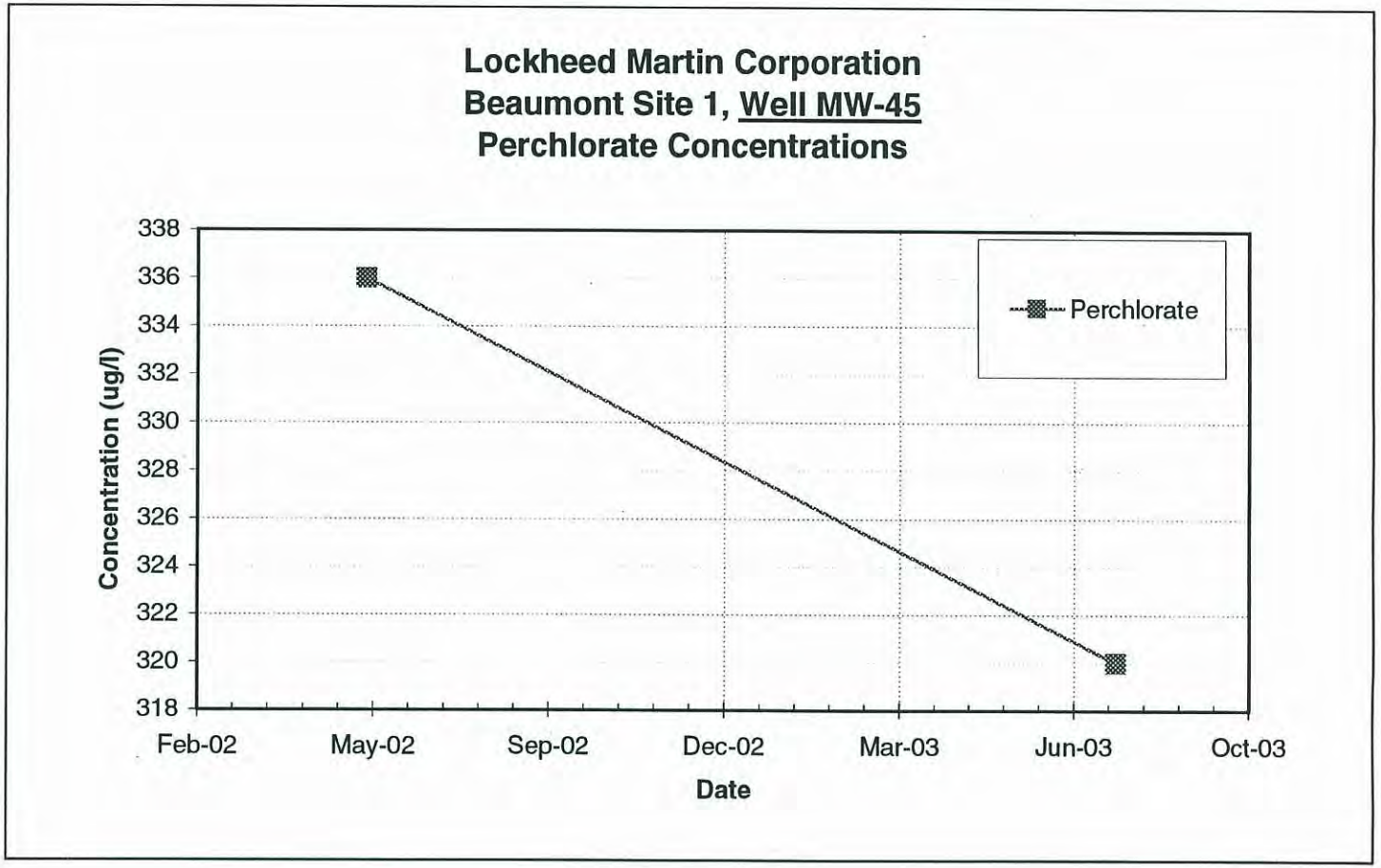
All non detects are set as zero for graphing purpose.



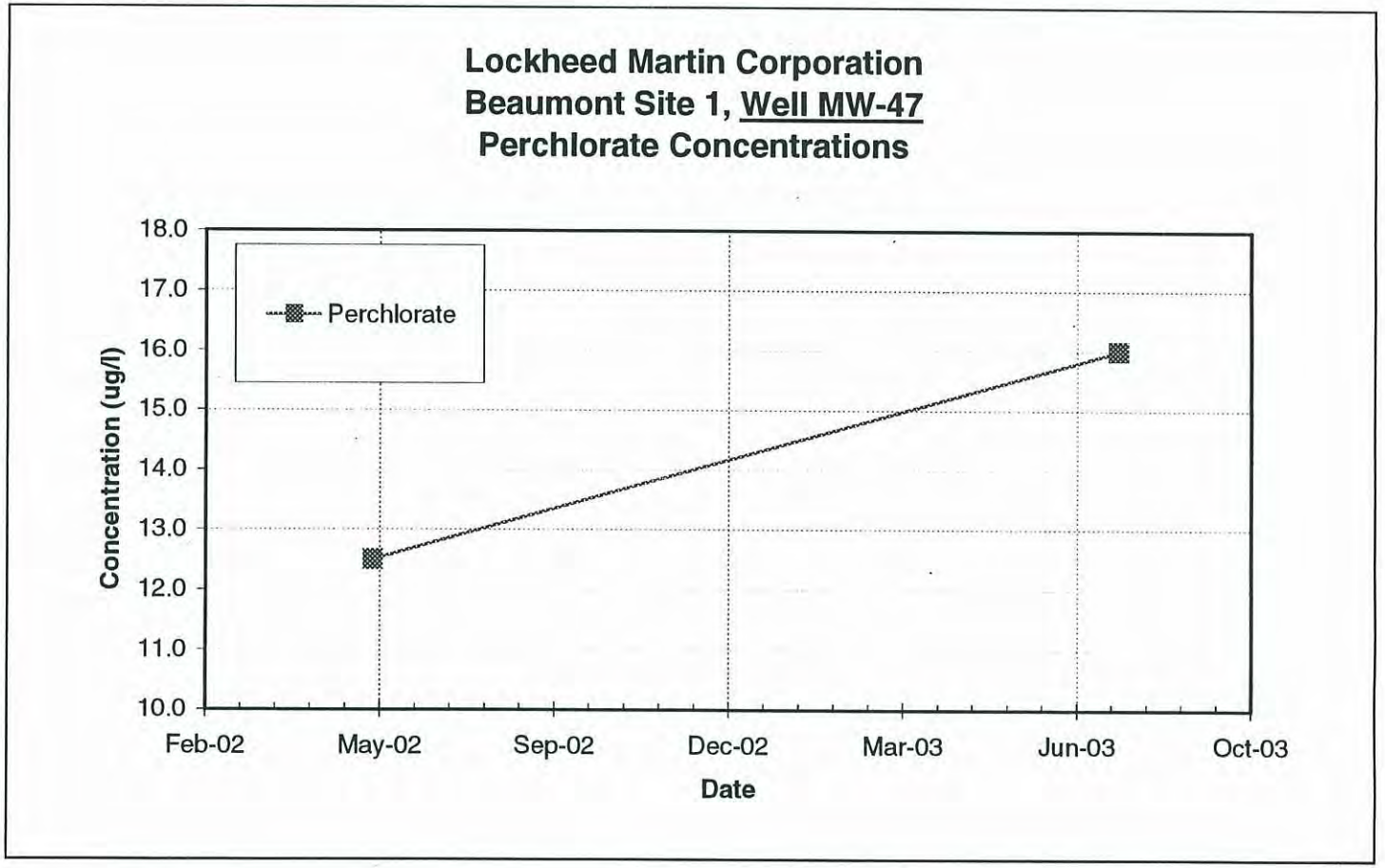
All non detects are set as zero for graphing purpose.



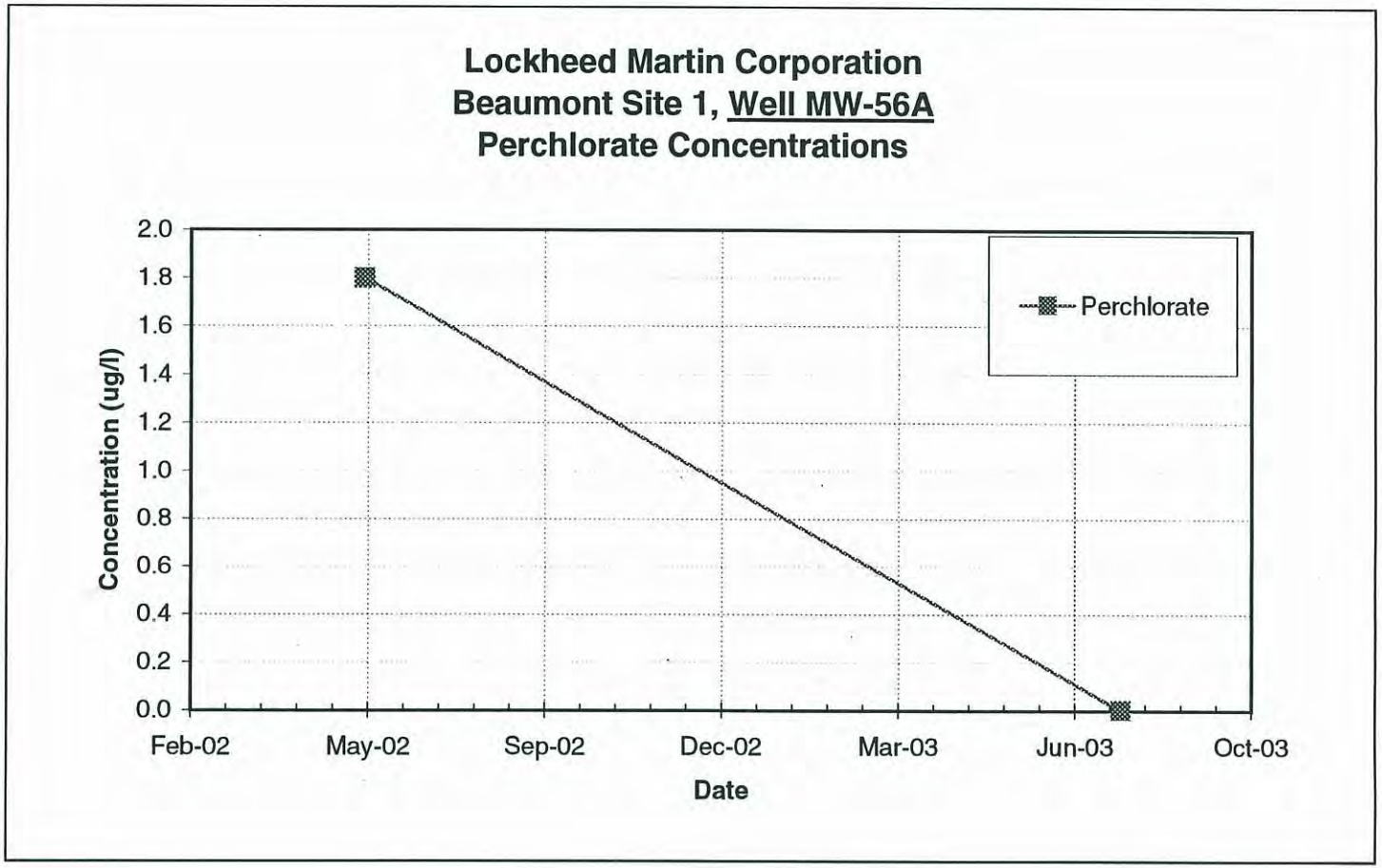
All non detects are set as zero for graphing purpose.



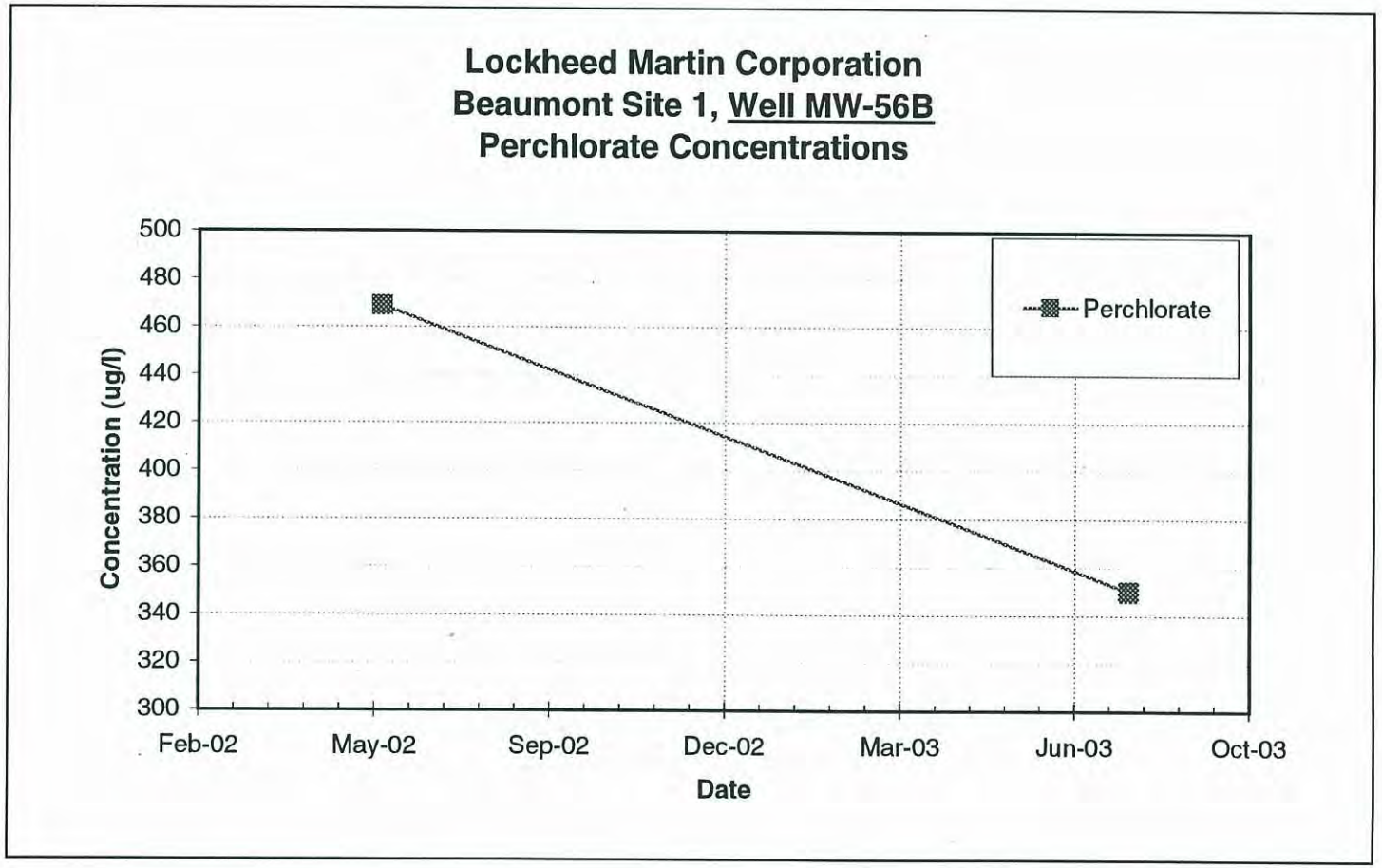
All non detects are set as zero for graphing purpose.



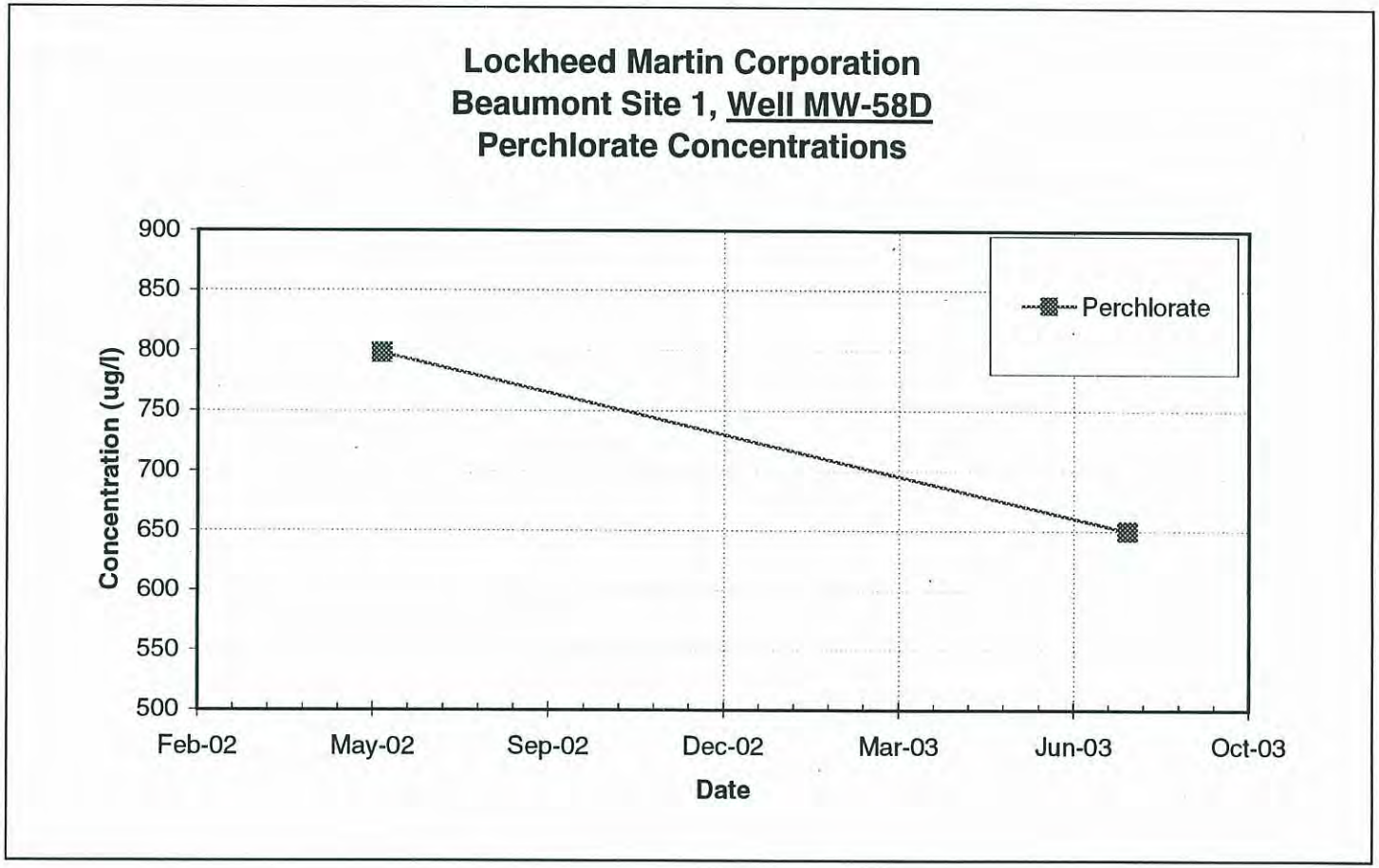
All non detects are set as zero for graphing purpose.



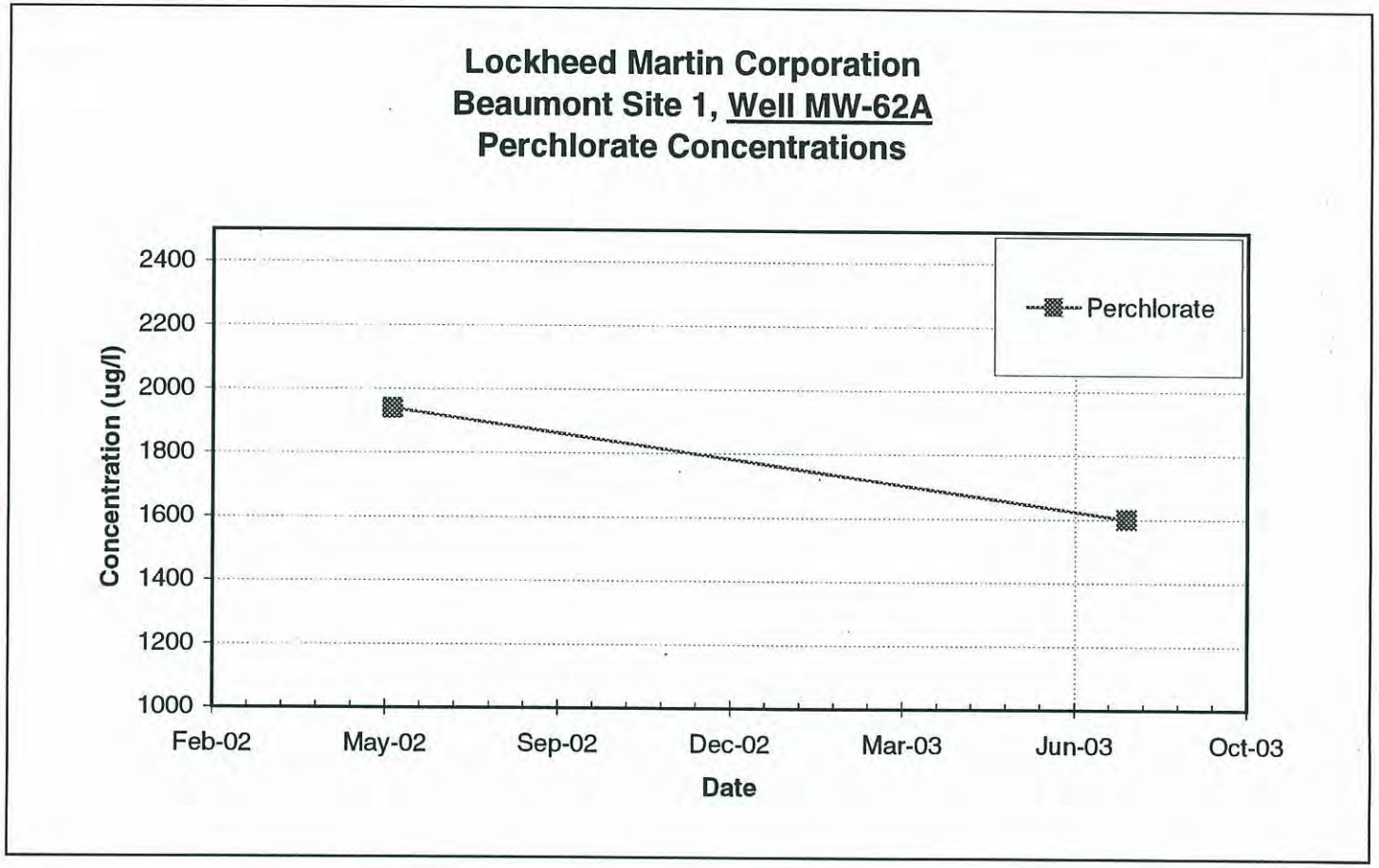
All non detects are set as zero for graphing purpose.



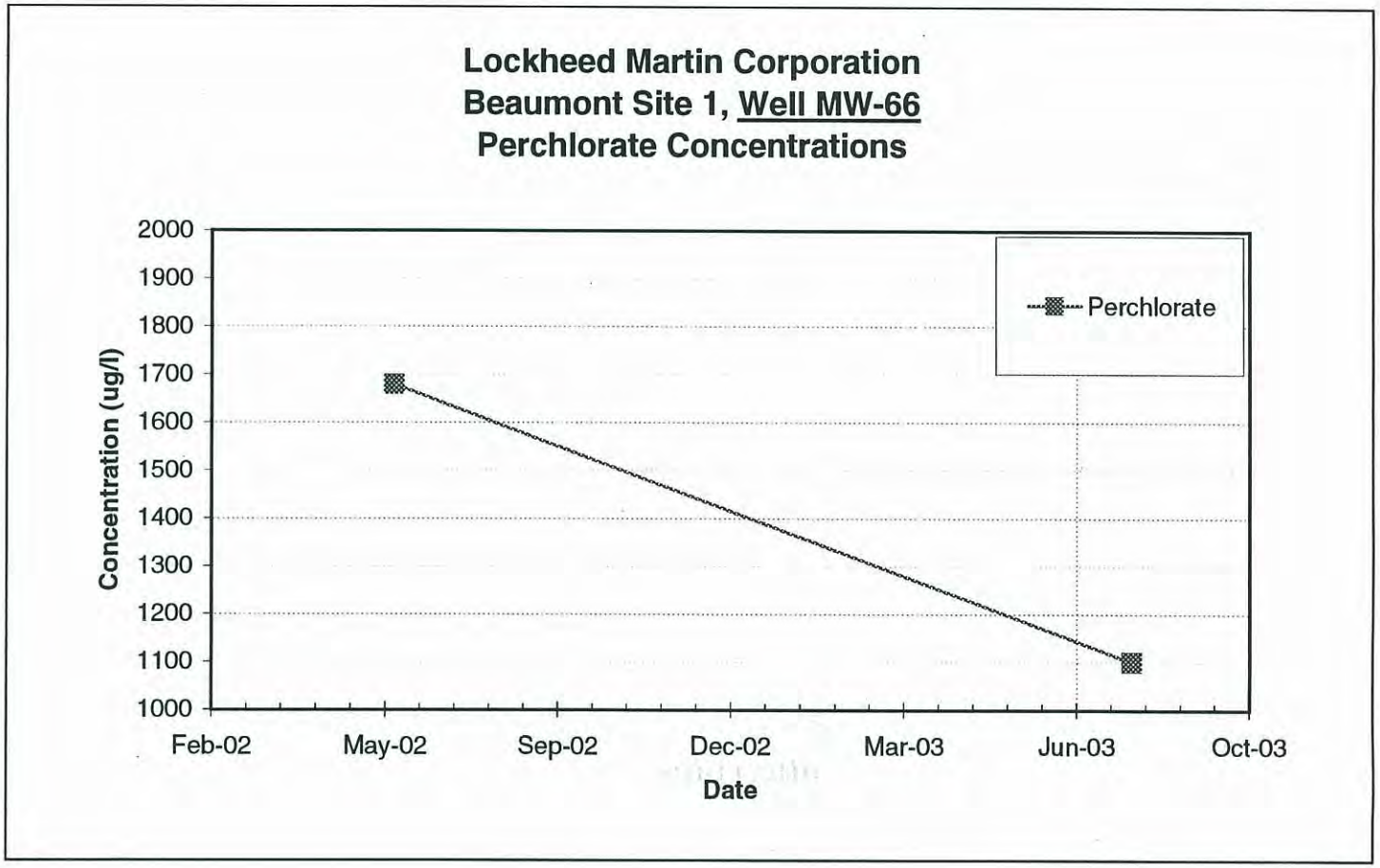
All non detects are set as zero for graphing purpose.



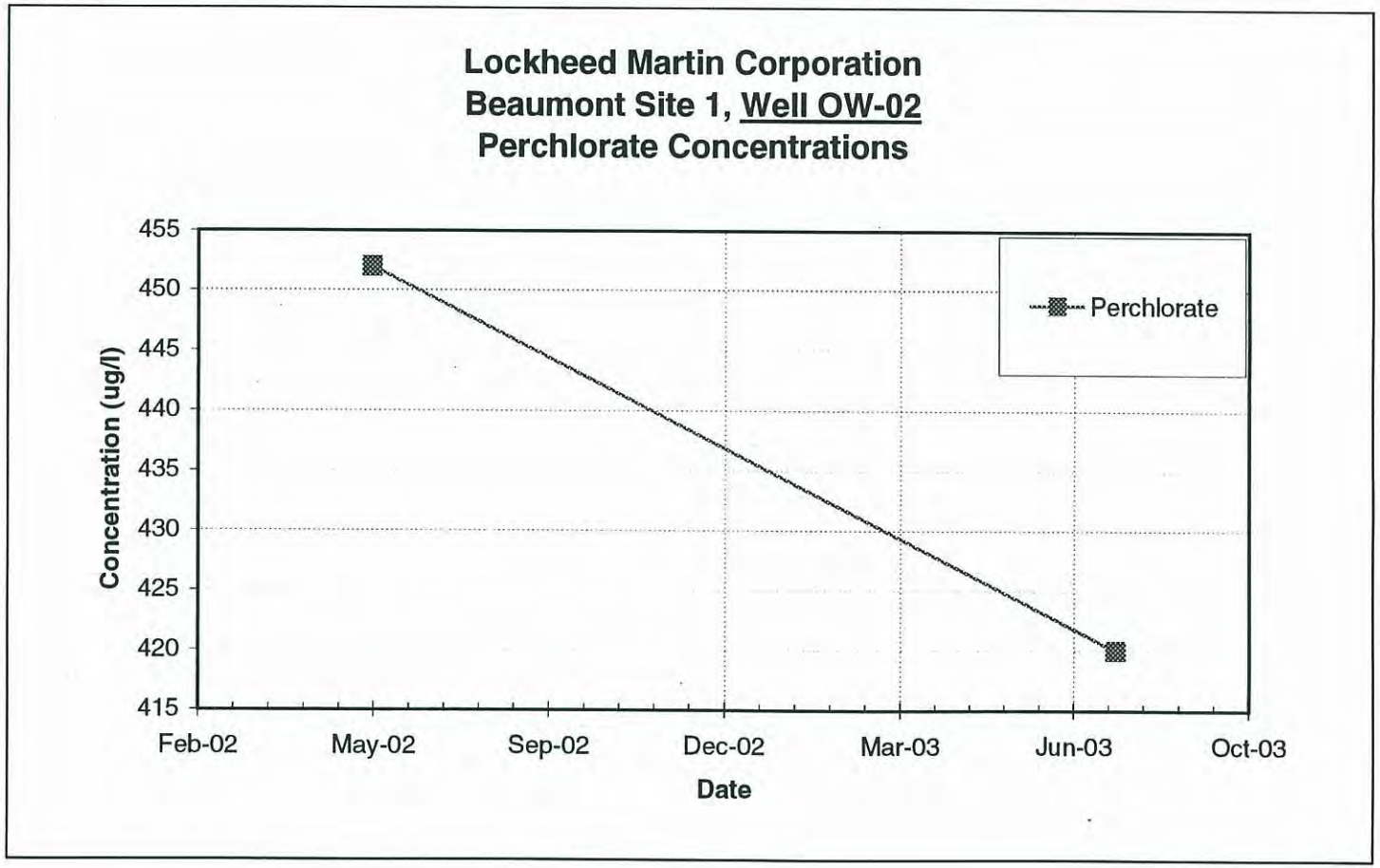
All non detects are set as zero for graphing purpose.



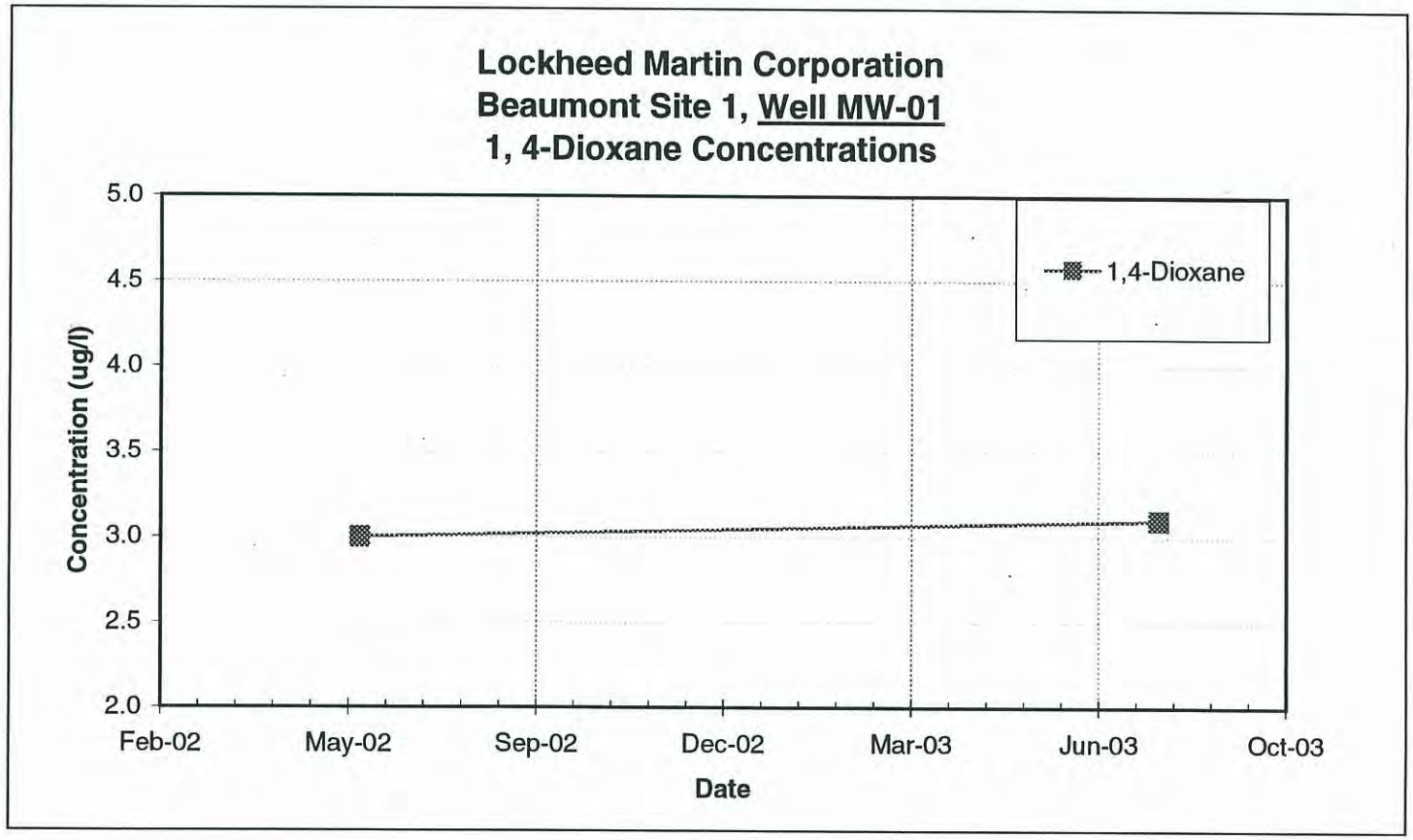
All non detects are set as zero for graphing purpose.



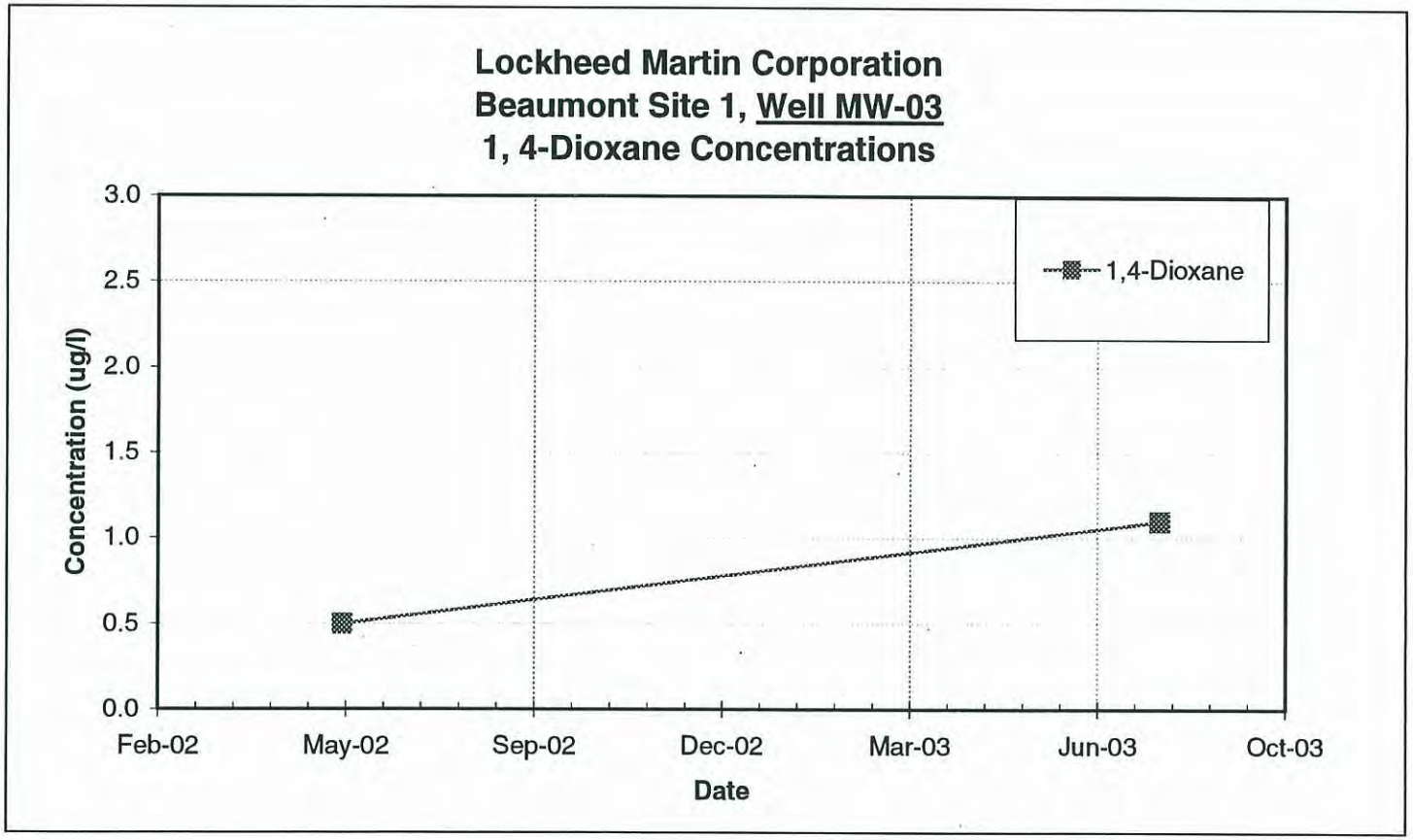
All non detects are set as zero for graphing purpose.



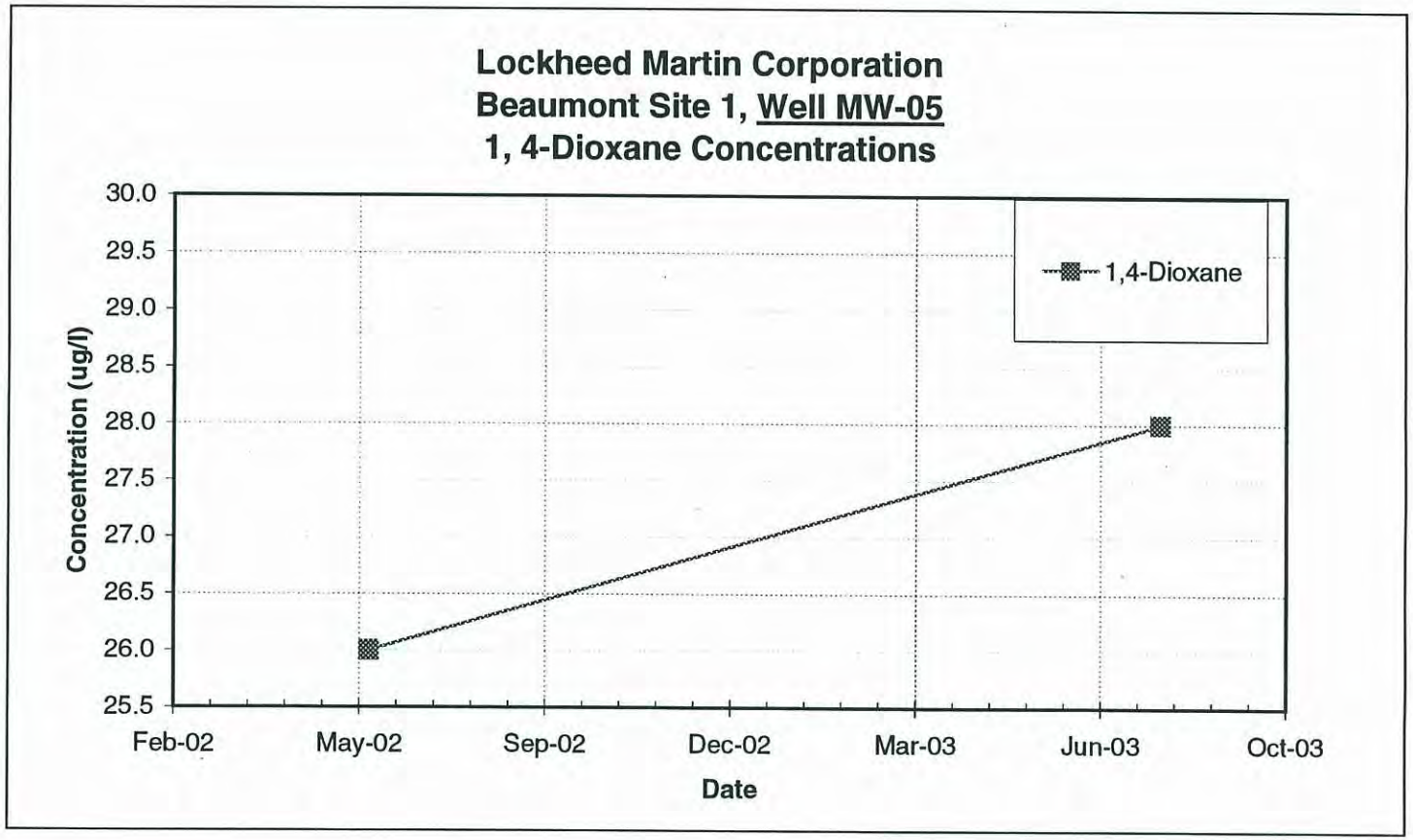
All non detects are set as zero for graphing purpose.



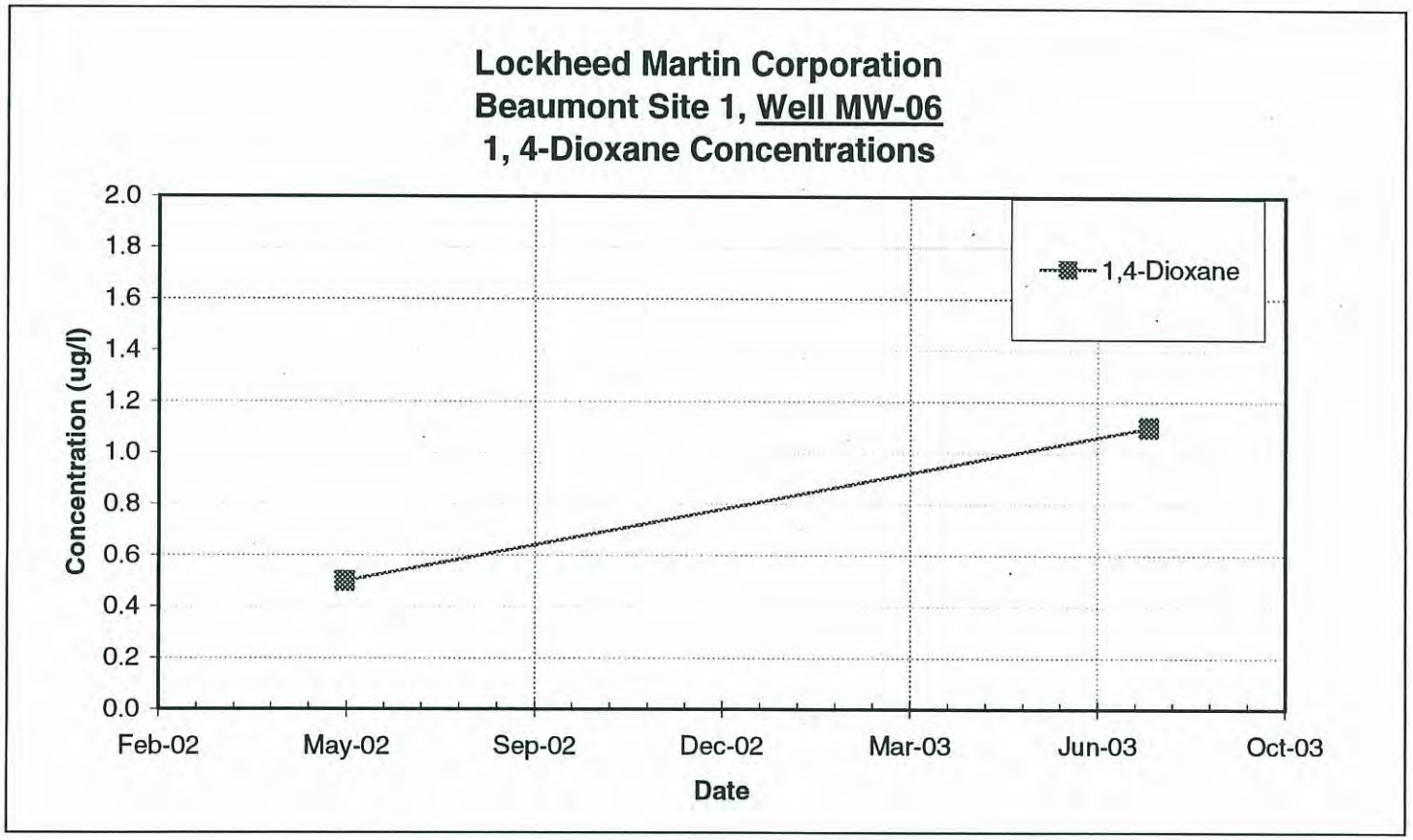
All non detects are set as zero for graphing purpose.



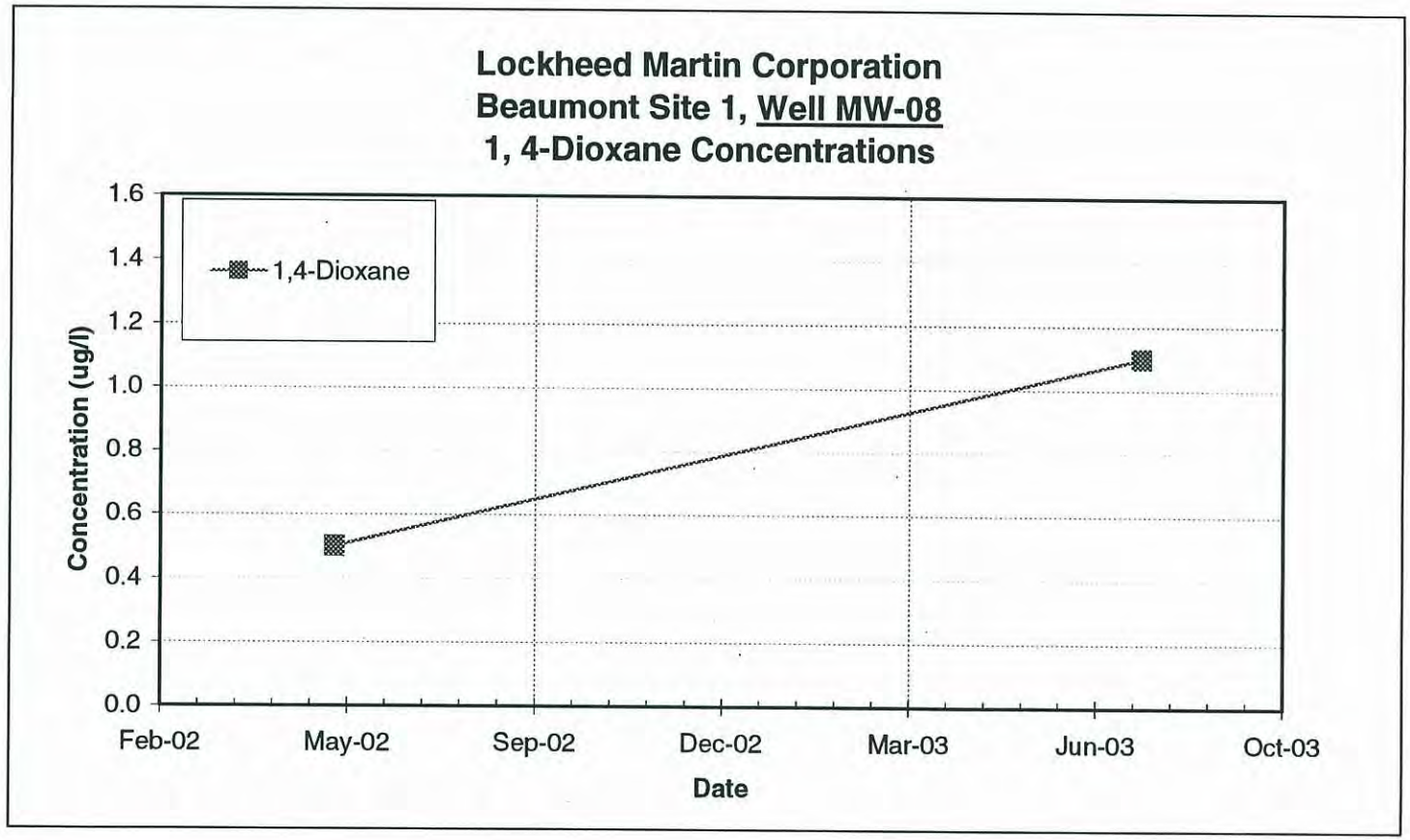
All non detects are set as zero for graphing purpose.



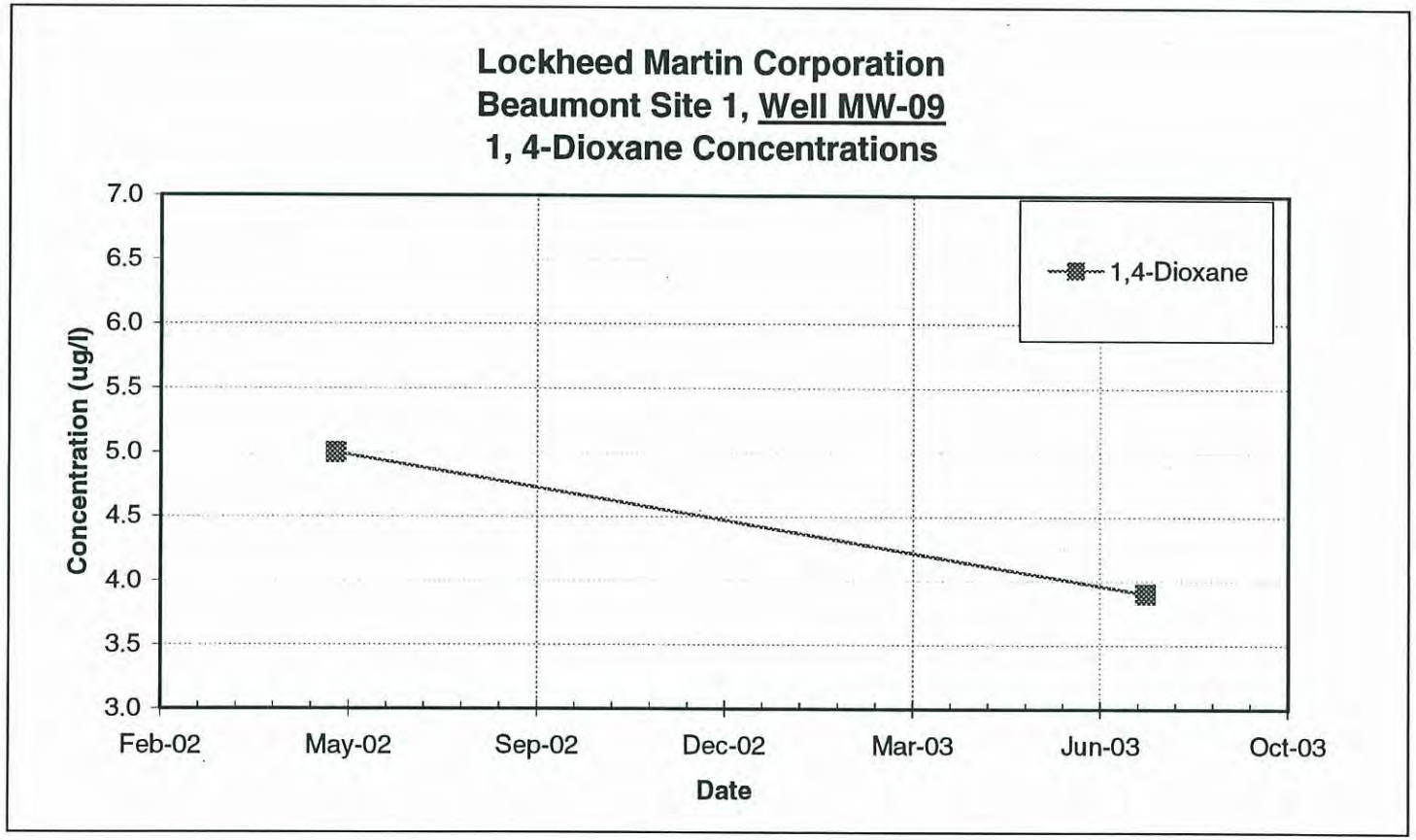
All non detects are set as zero for graphing purpose.



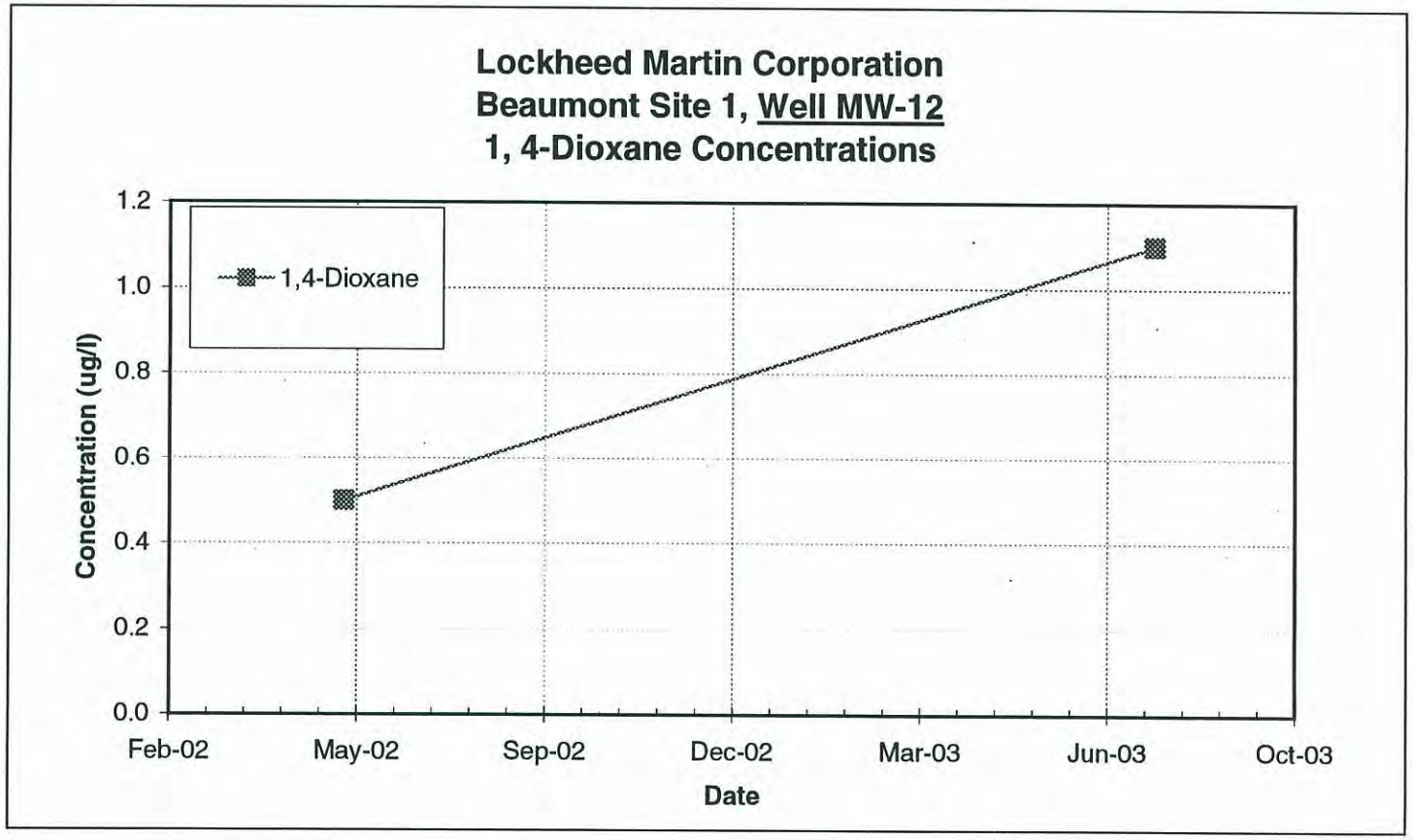
All non detects are set as zero for graphing purpose.



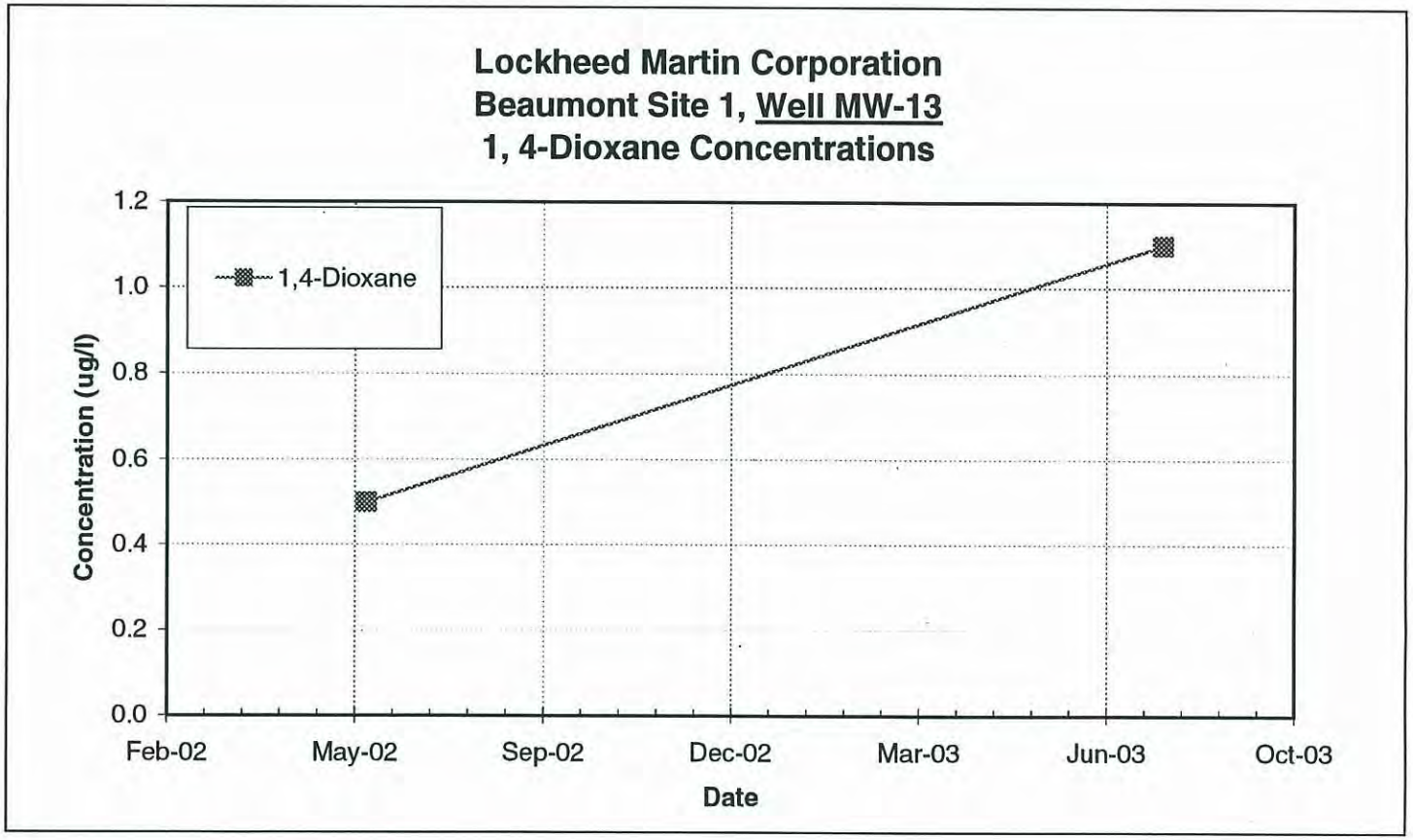
All non detects are set as zero for graphing purpose.



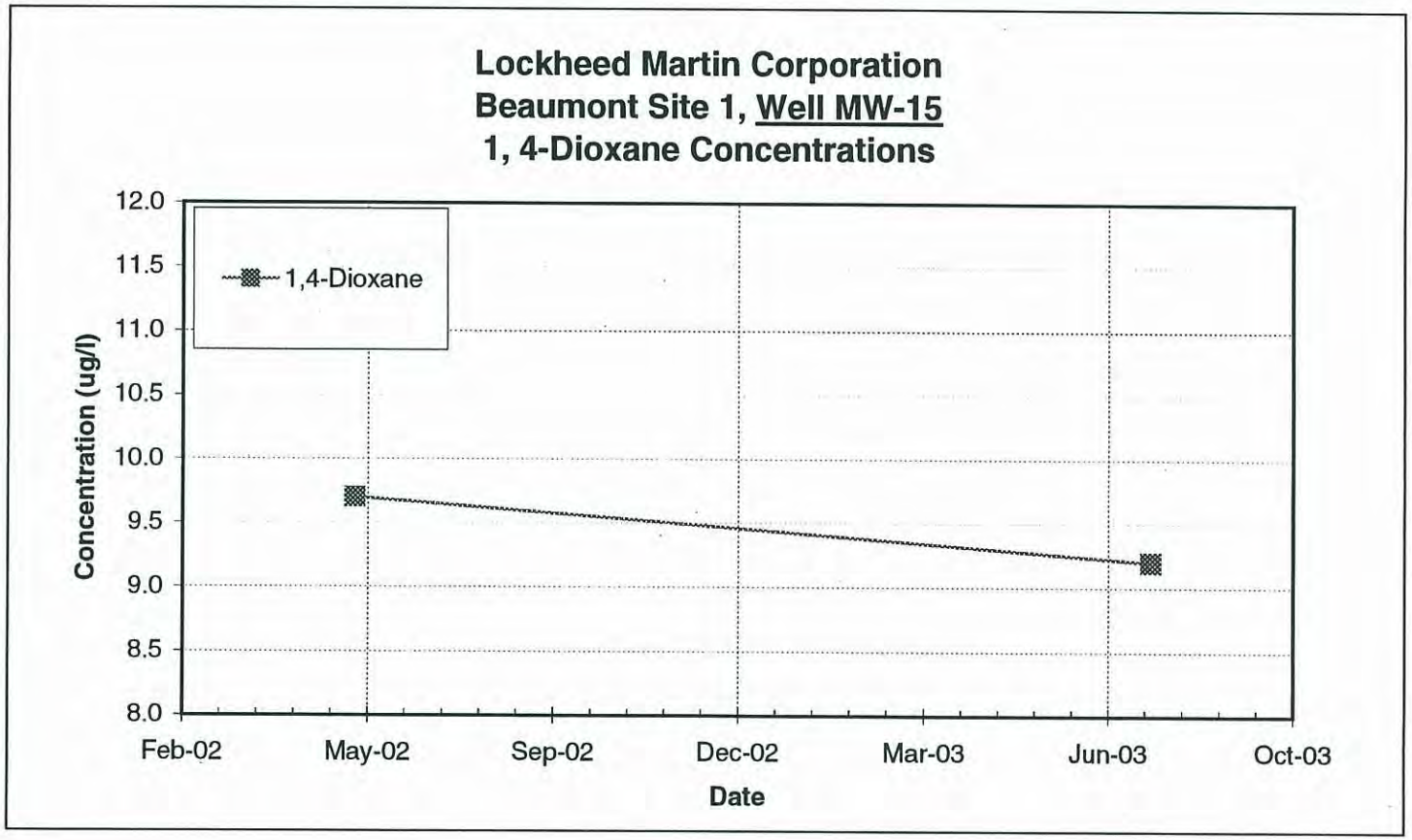
All non detects are set as zero for graphing purpose.



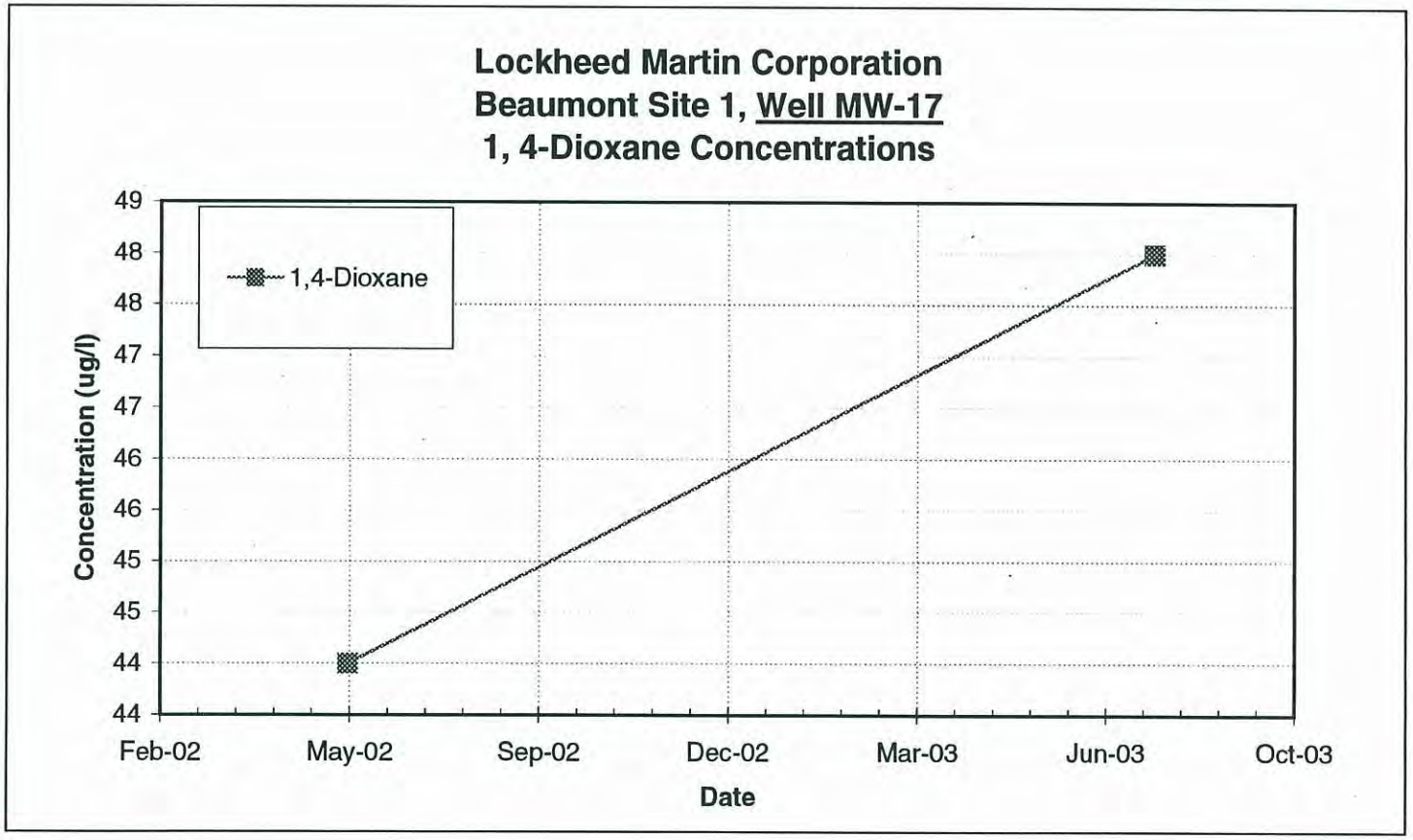
All non detects are set as zero for graphing purpose.



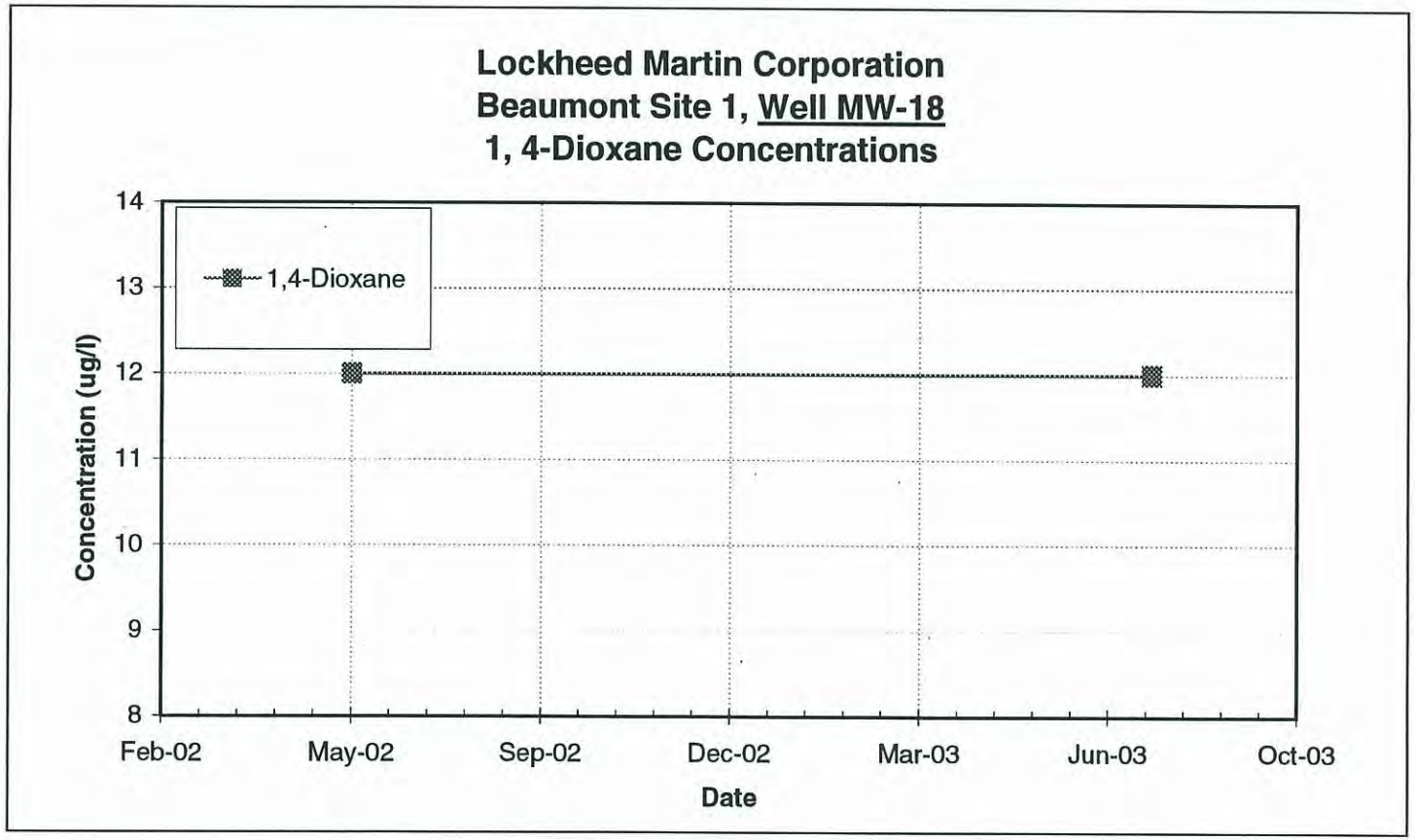
All non detects are set as zero for graphing purpose.



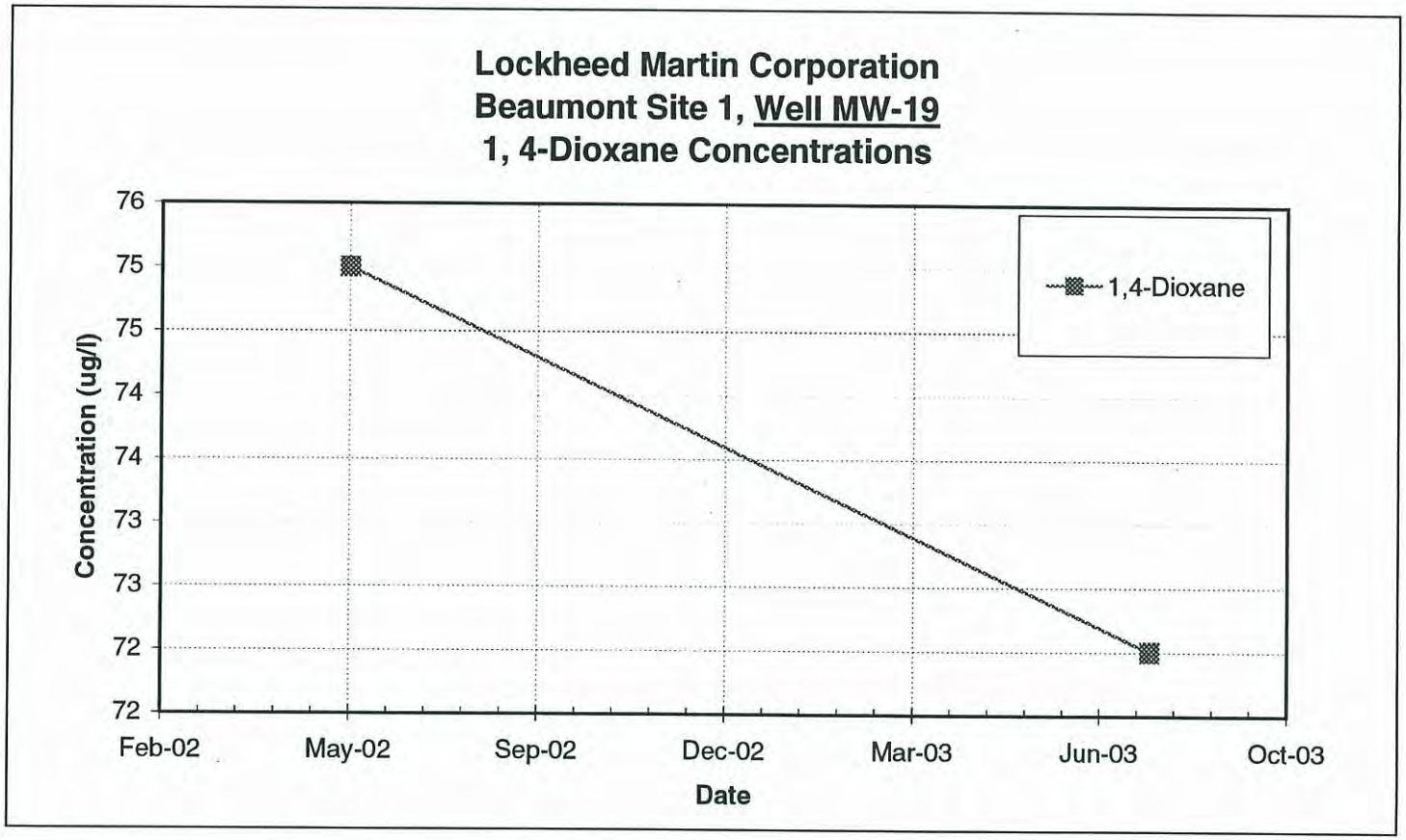
All non detects are set as zero for graphing purpose.



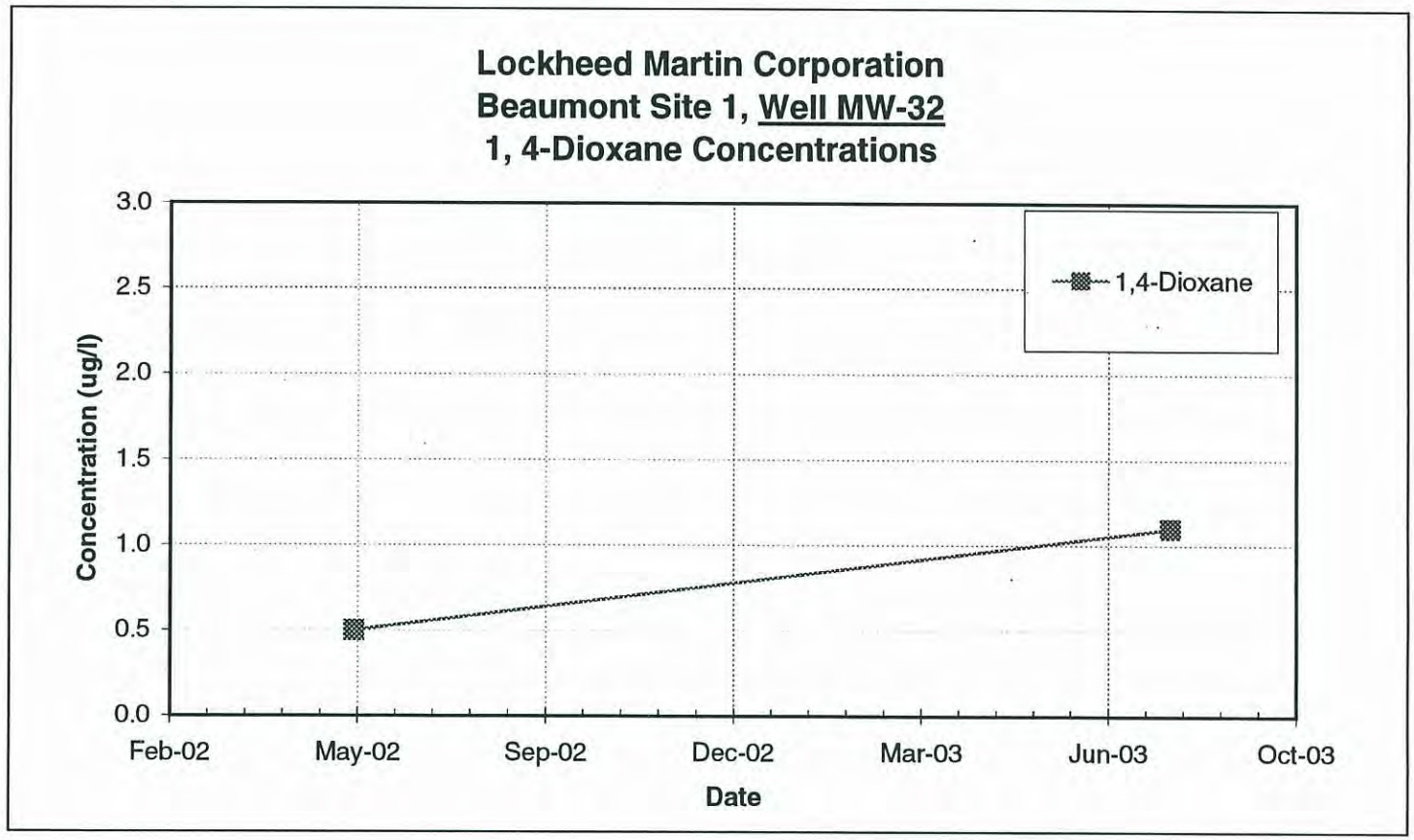
All non detects are set as zero for graphing purpose.



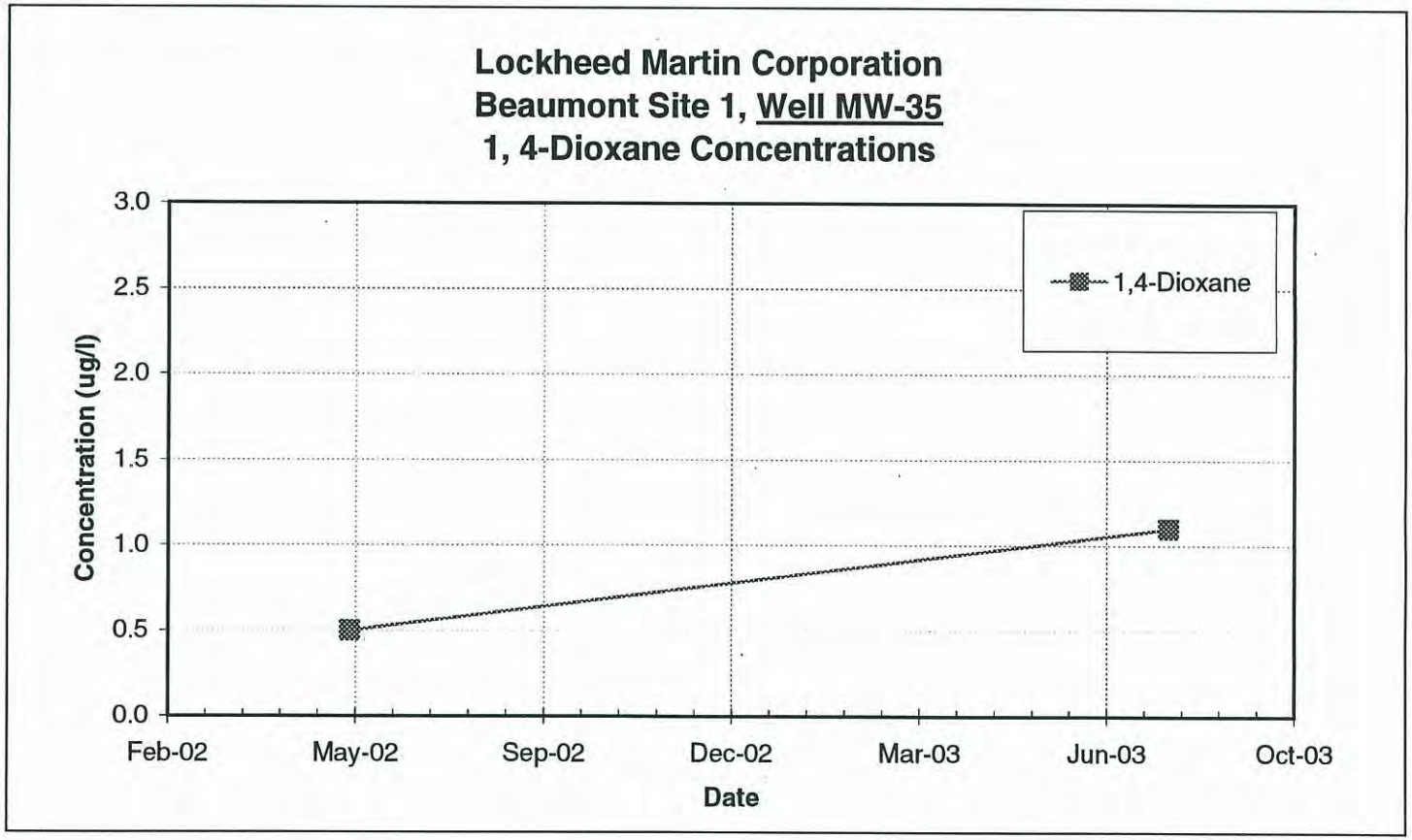
All non detects are set as zero for graphing purpose.



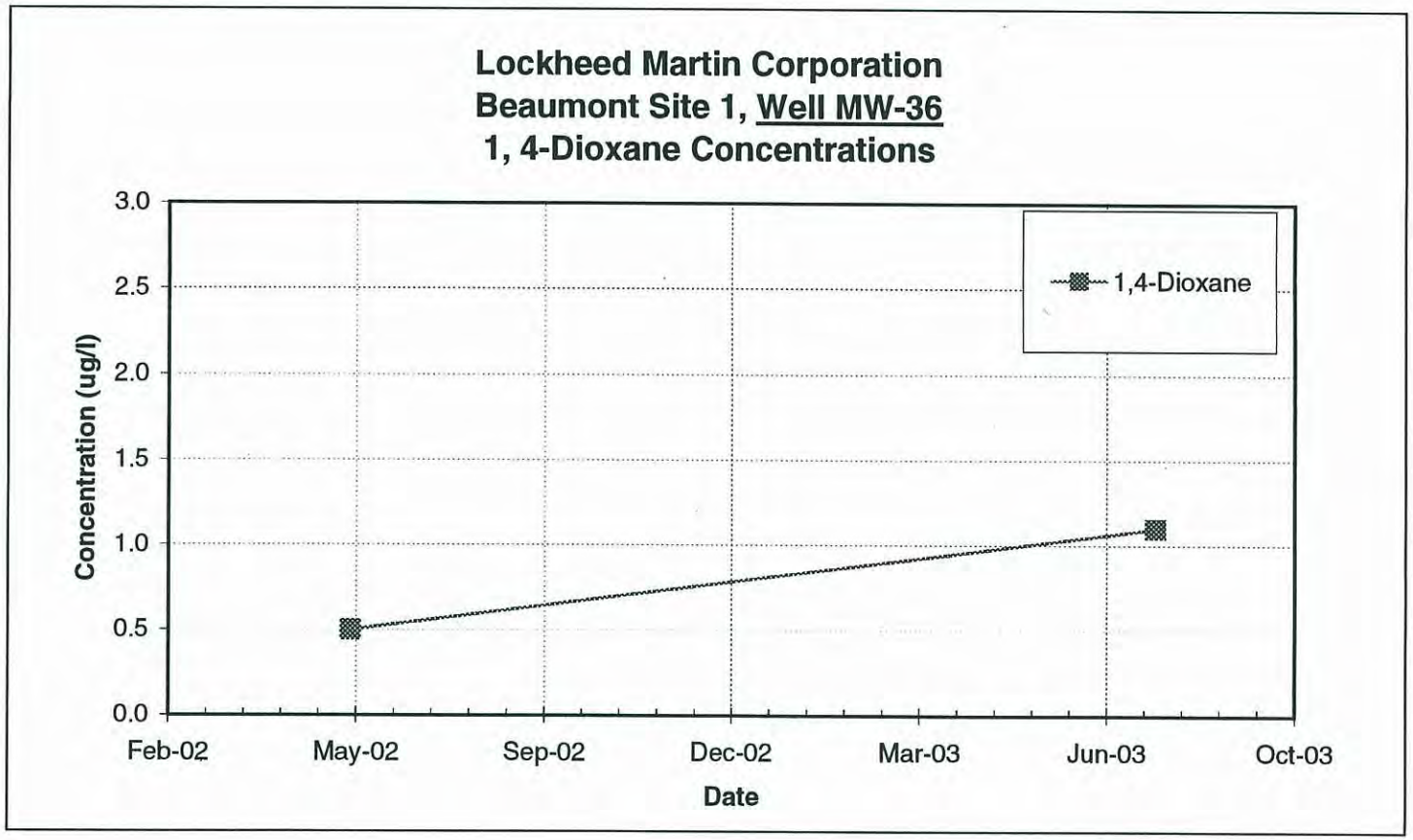
All non detects are set as zero for graphing purpose.



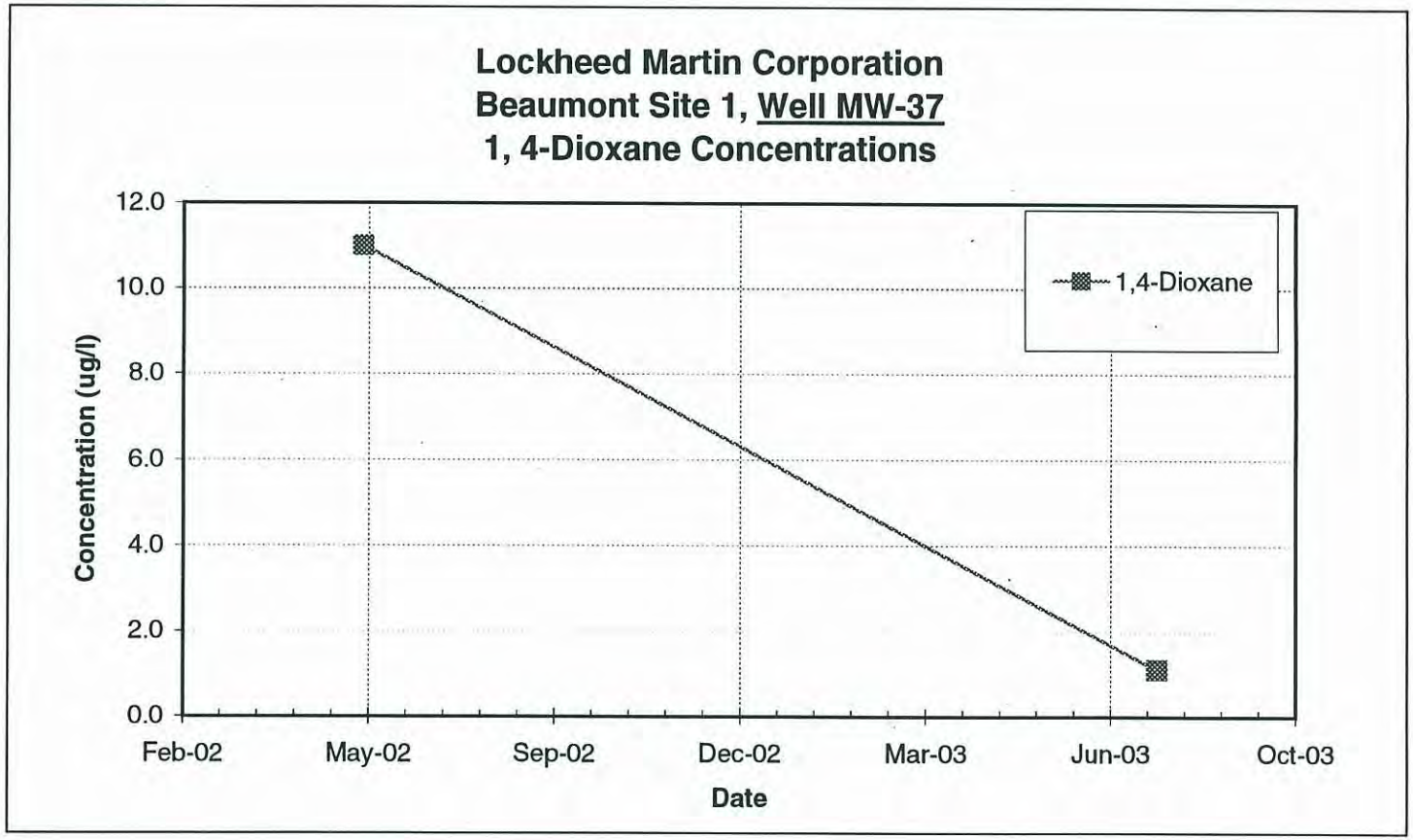
All non detects are set as zero for graphing purpose.



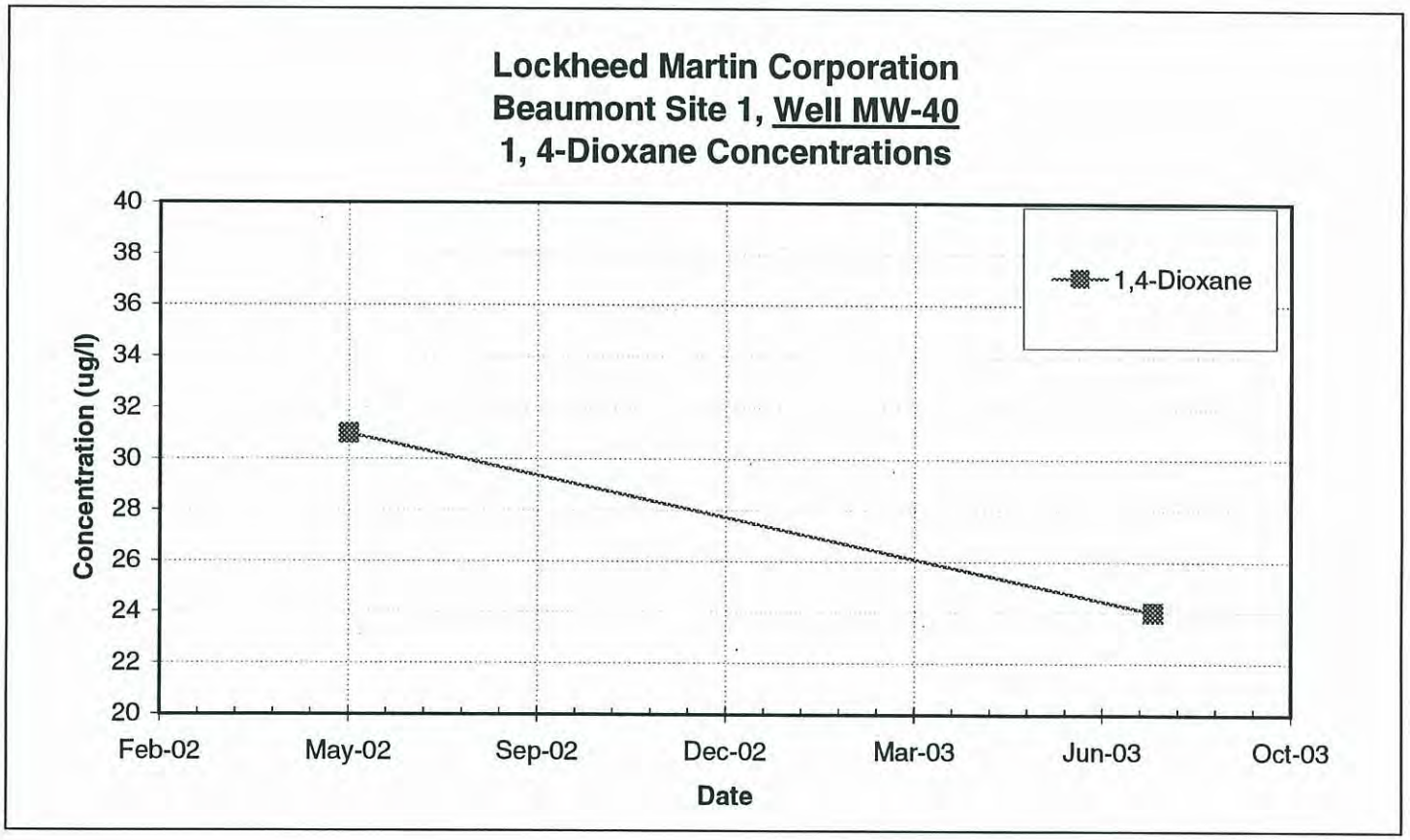
All non detects are set as zero for graphing purpose.



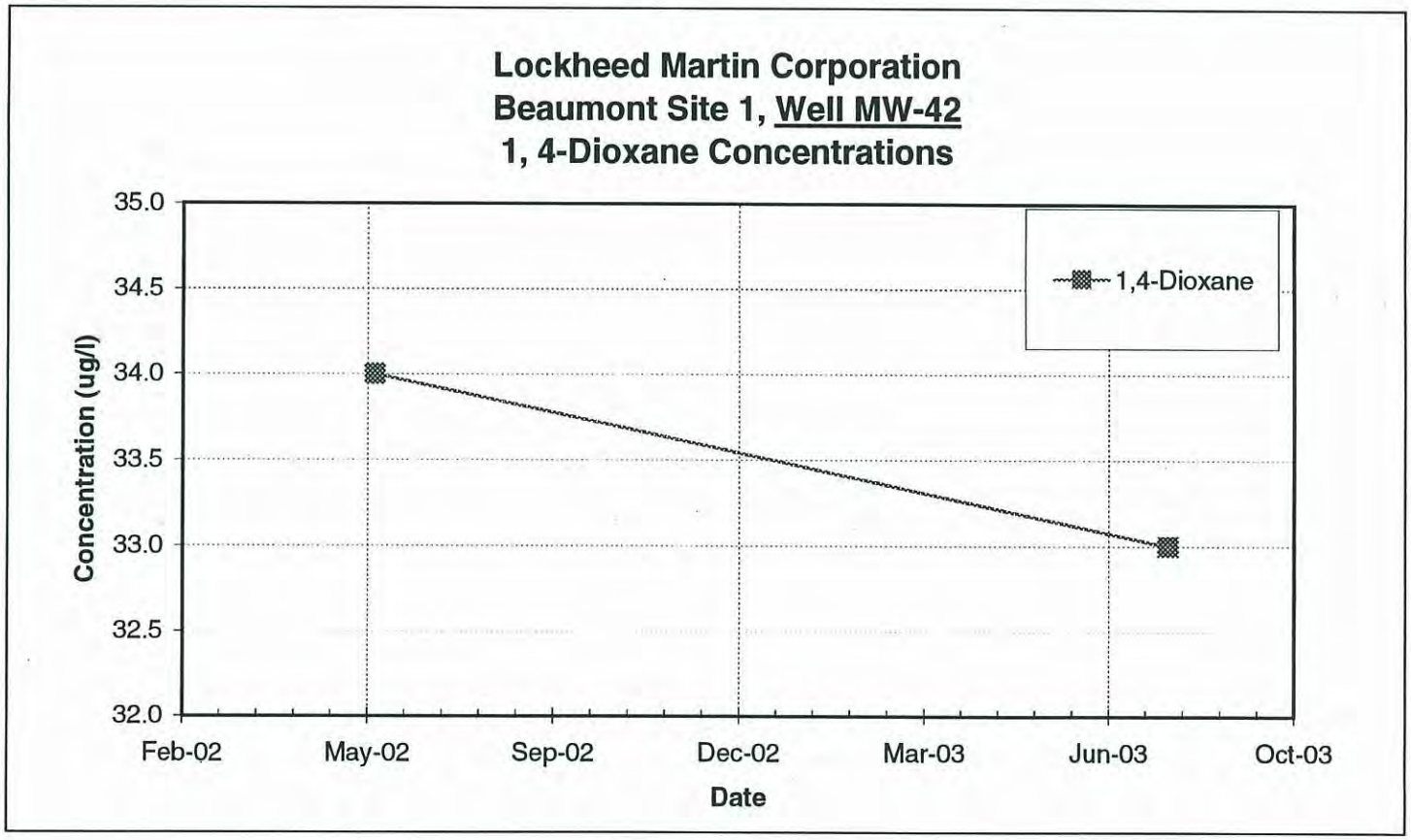
All non detects are set as zero for graphing purpose.



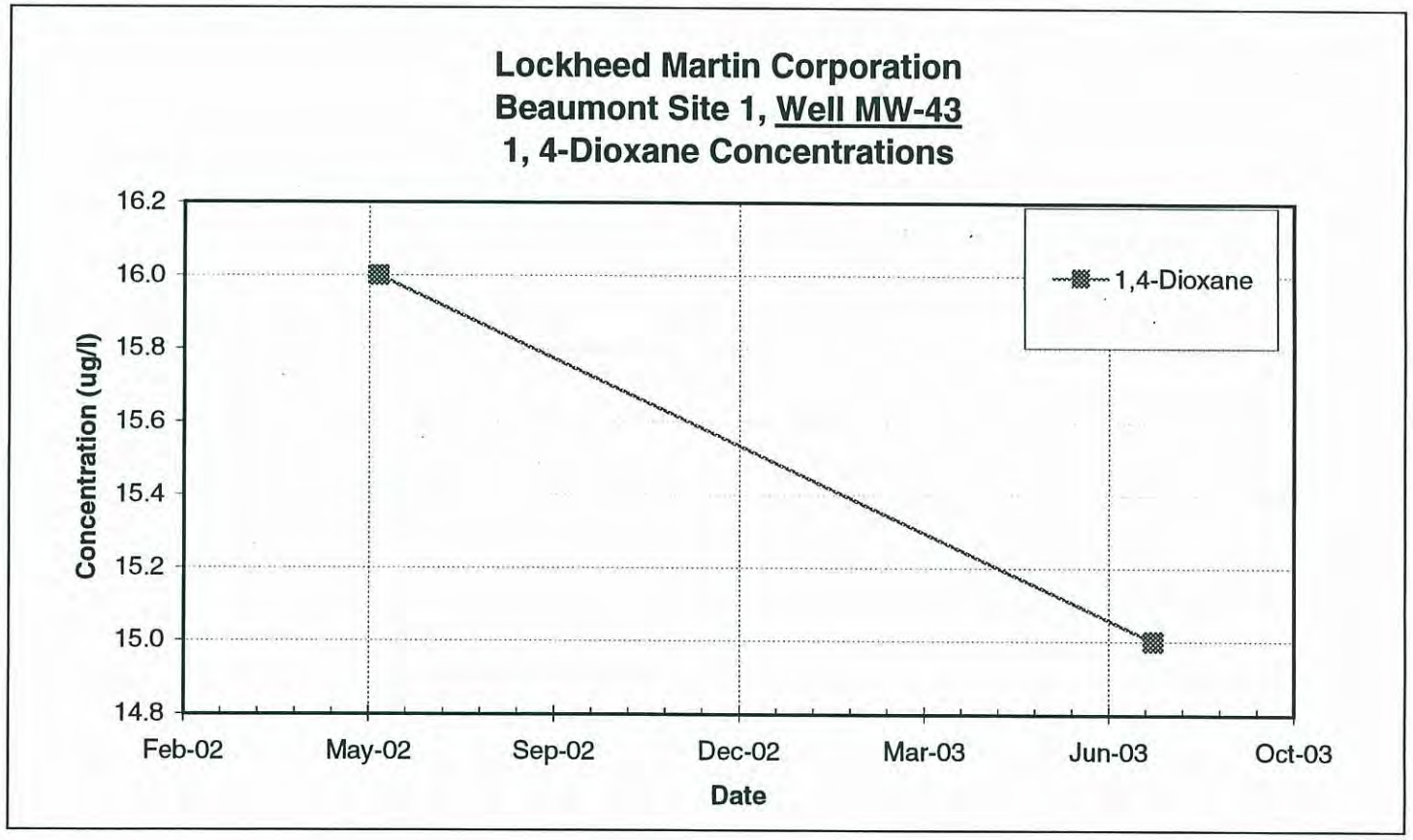
All non detects are set as zero for graphing purpose.



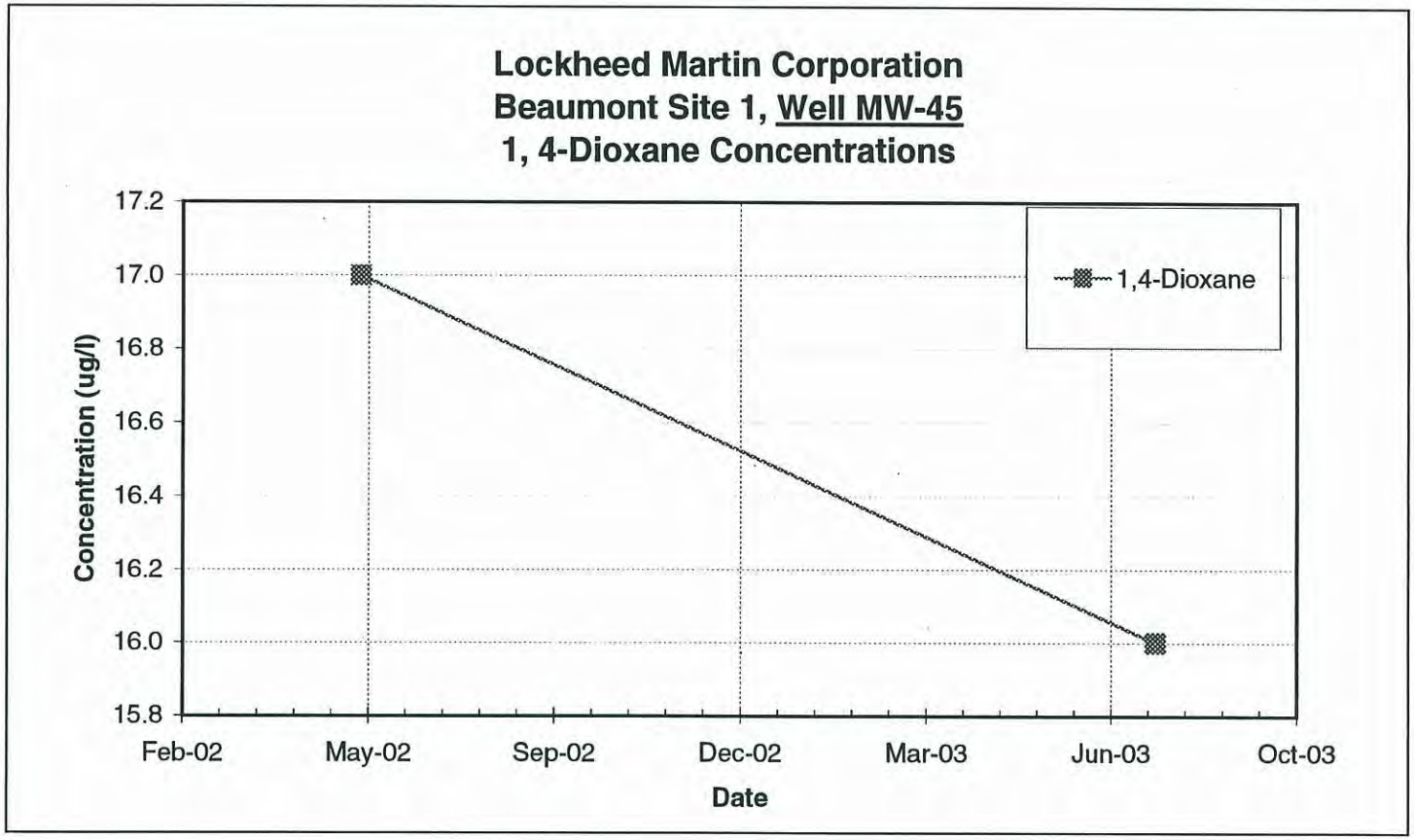
All non detects are set as zero for graphing purpose.



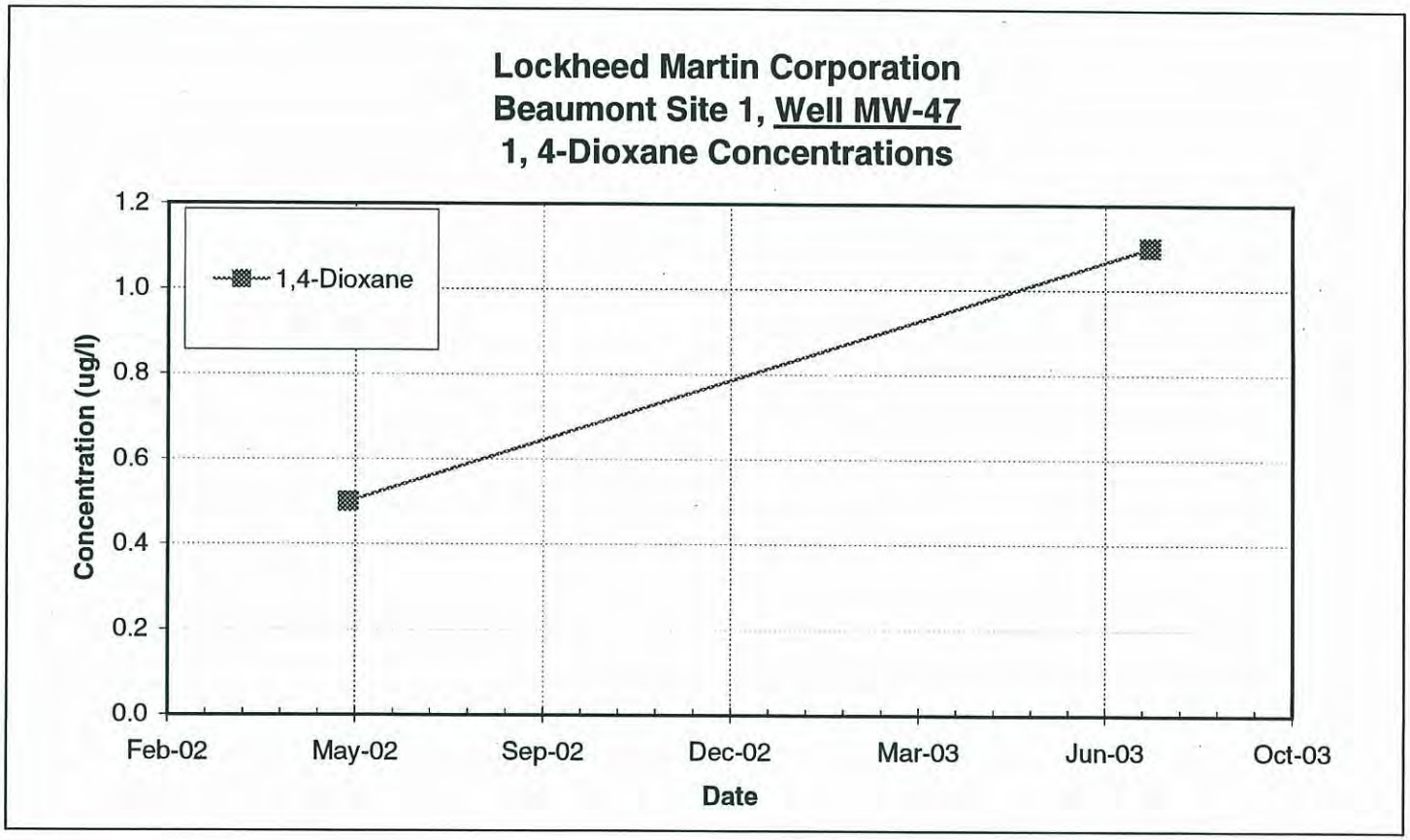
All non detects are set as zero for graphing purpose.



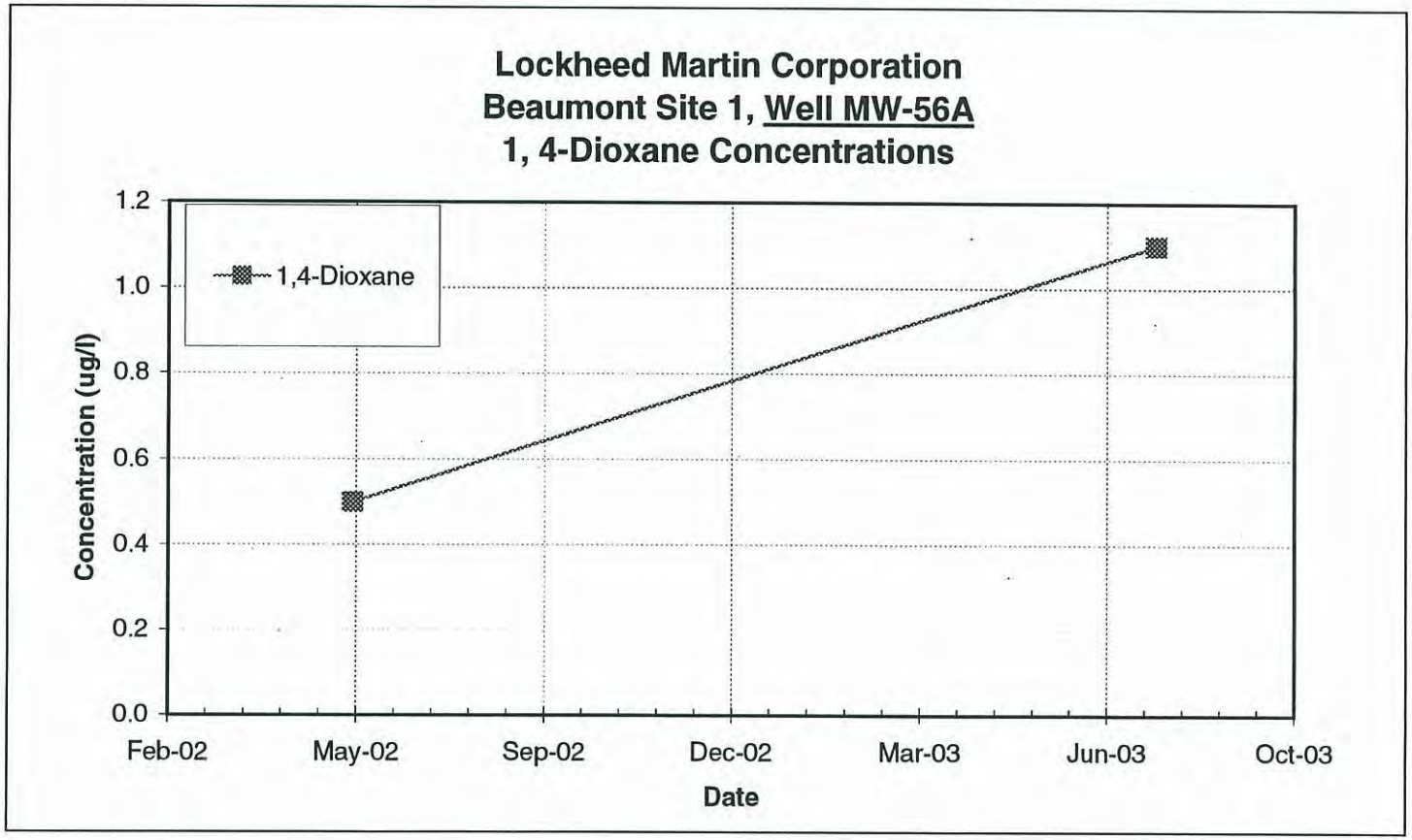
All non detects are set as zero for graphing purpose.



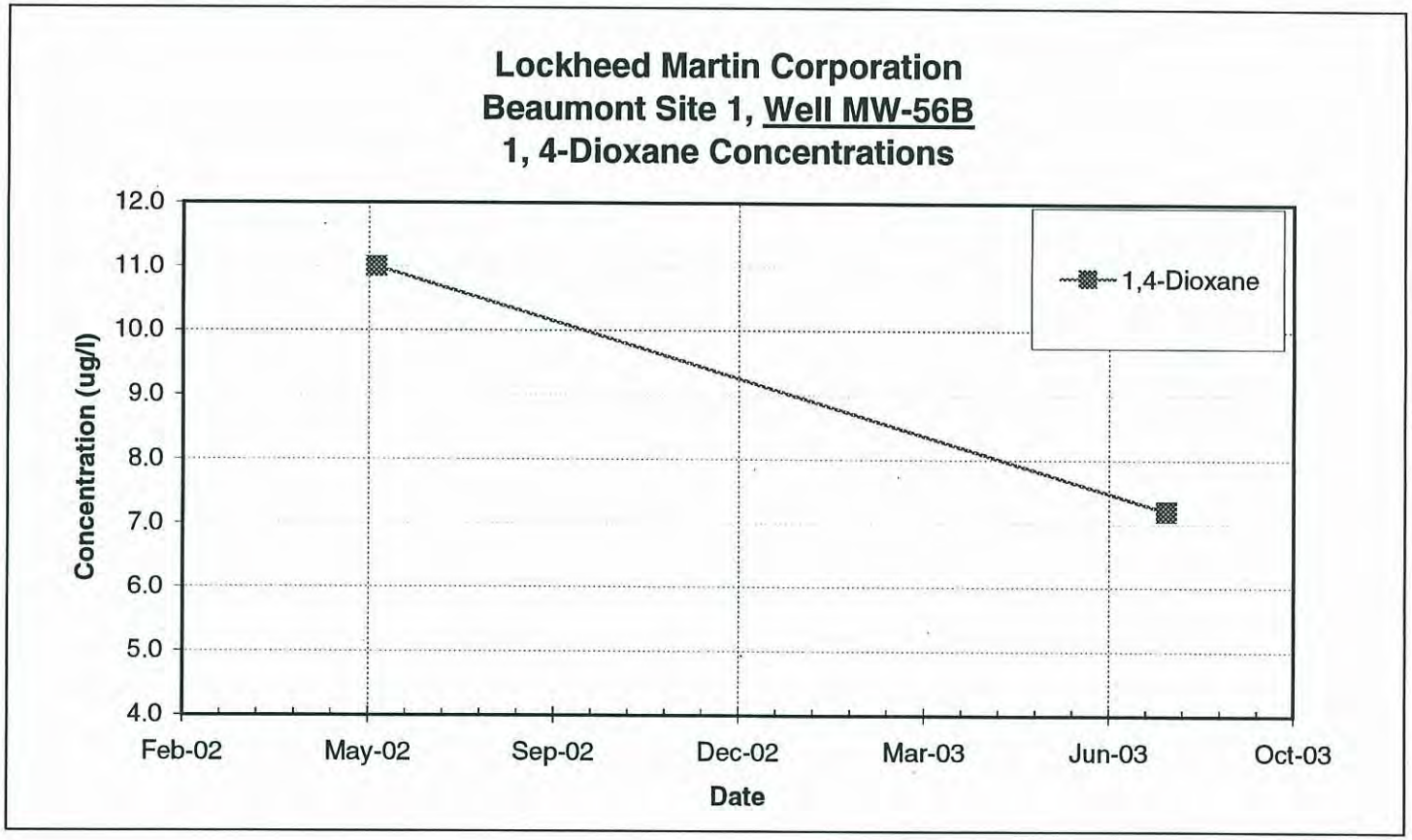
All non detects are set as zero for graphing purpose.



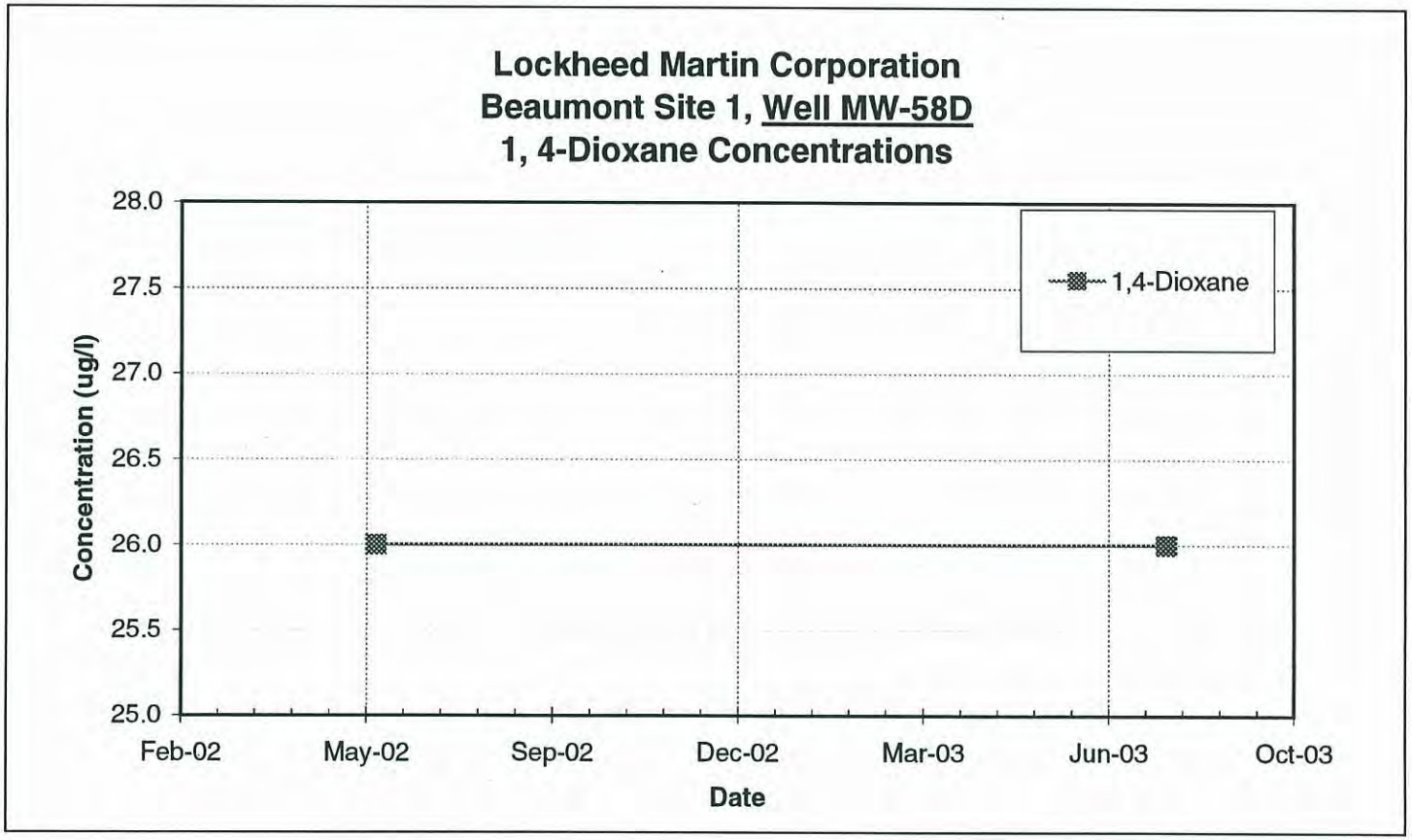
All non detects are set as zero for graphing purpose.



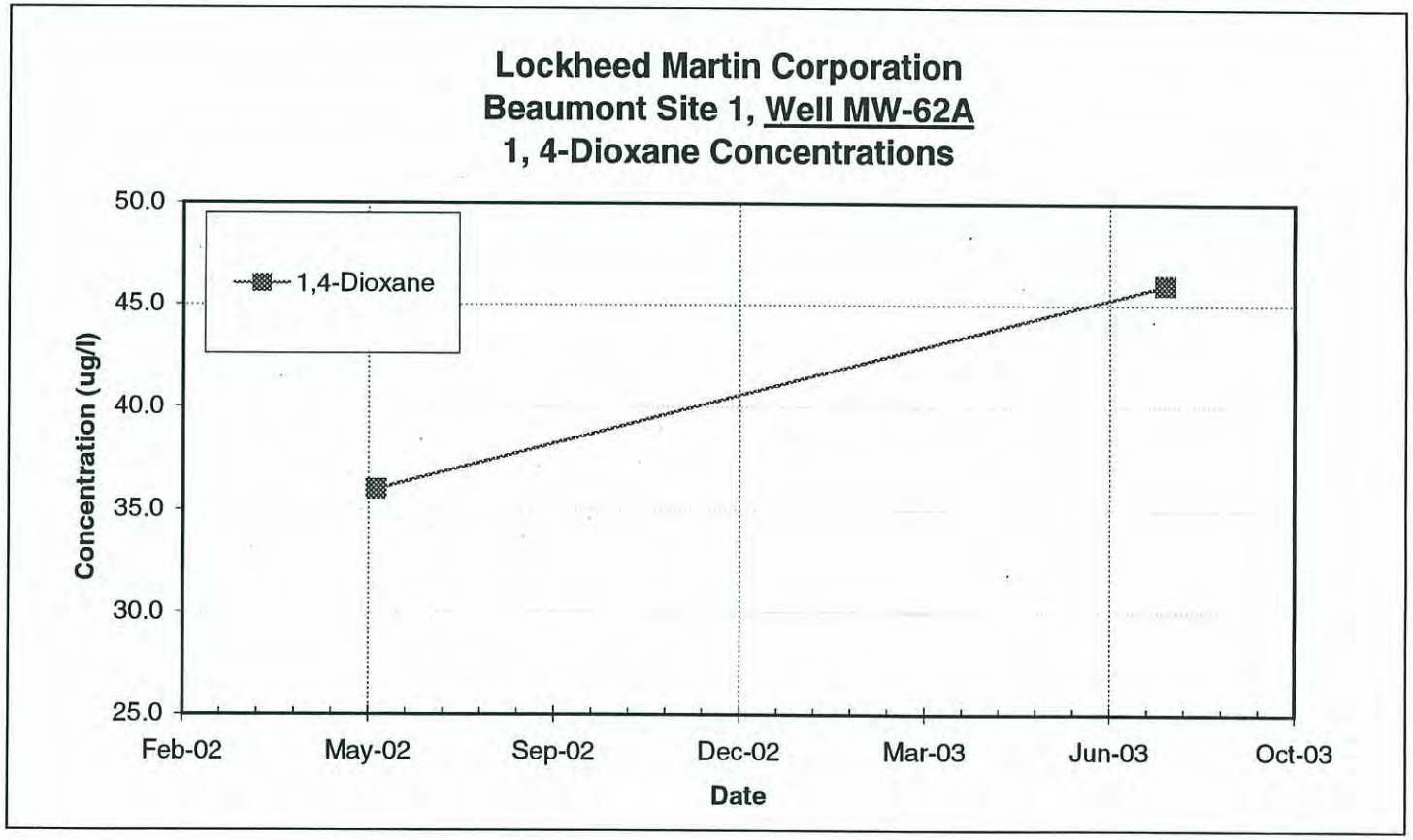
All non detects are set as zero for graphing purpose.



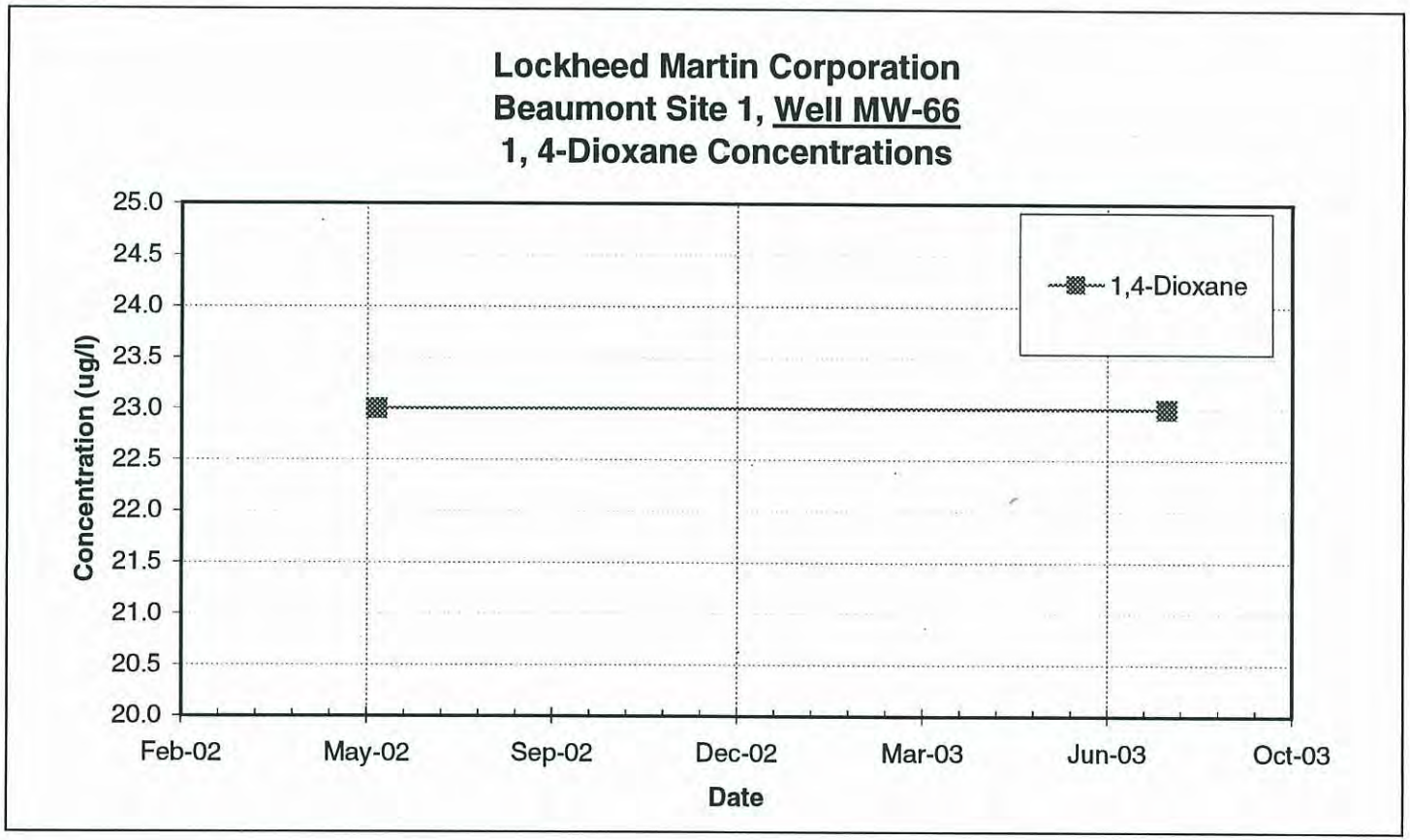
All non detects are set as zero for graphing purpose.



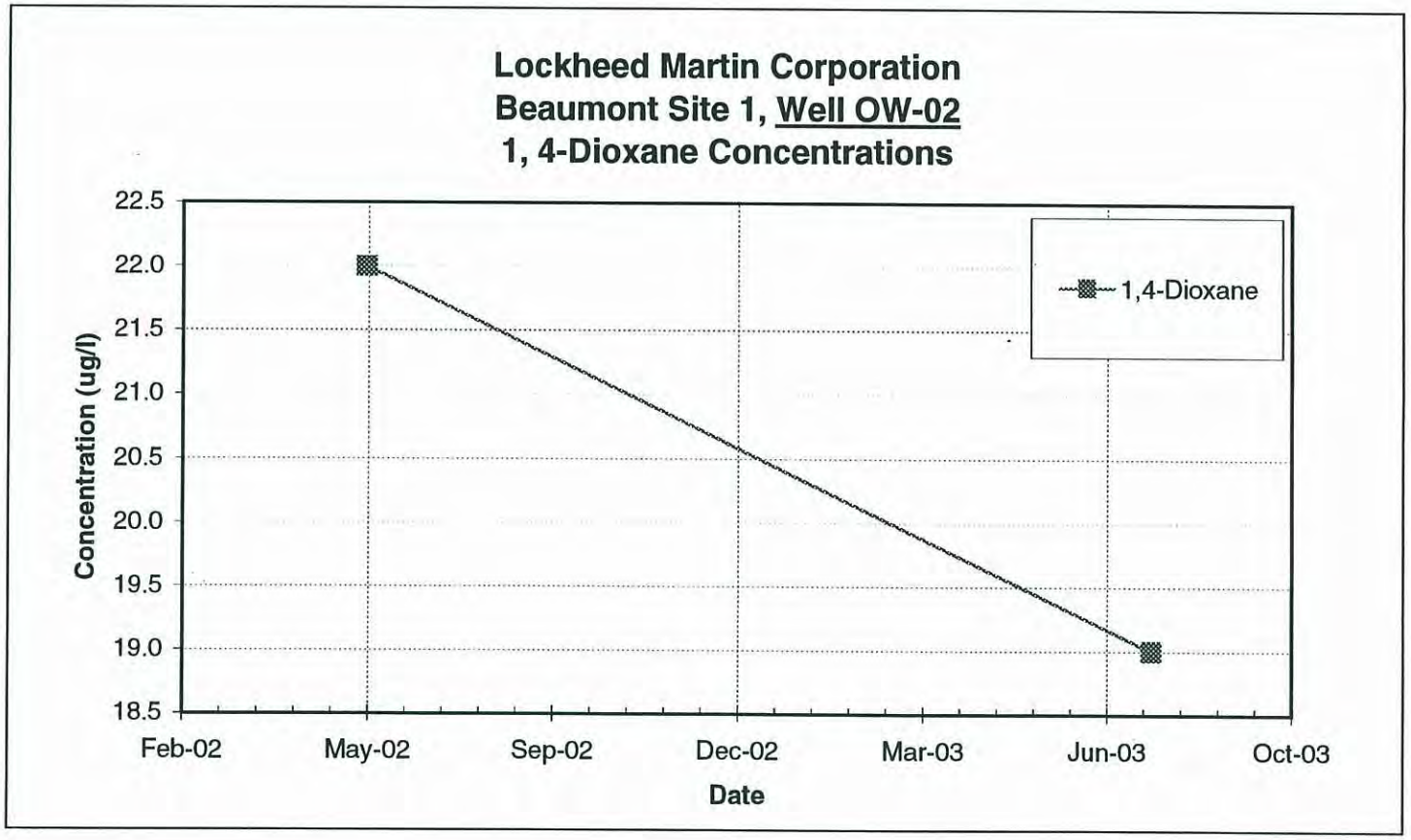
All non detects are set as zero for graphing purpose.



All non detects are set as zero for graphing purpose.

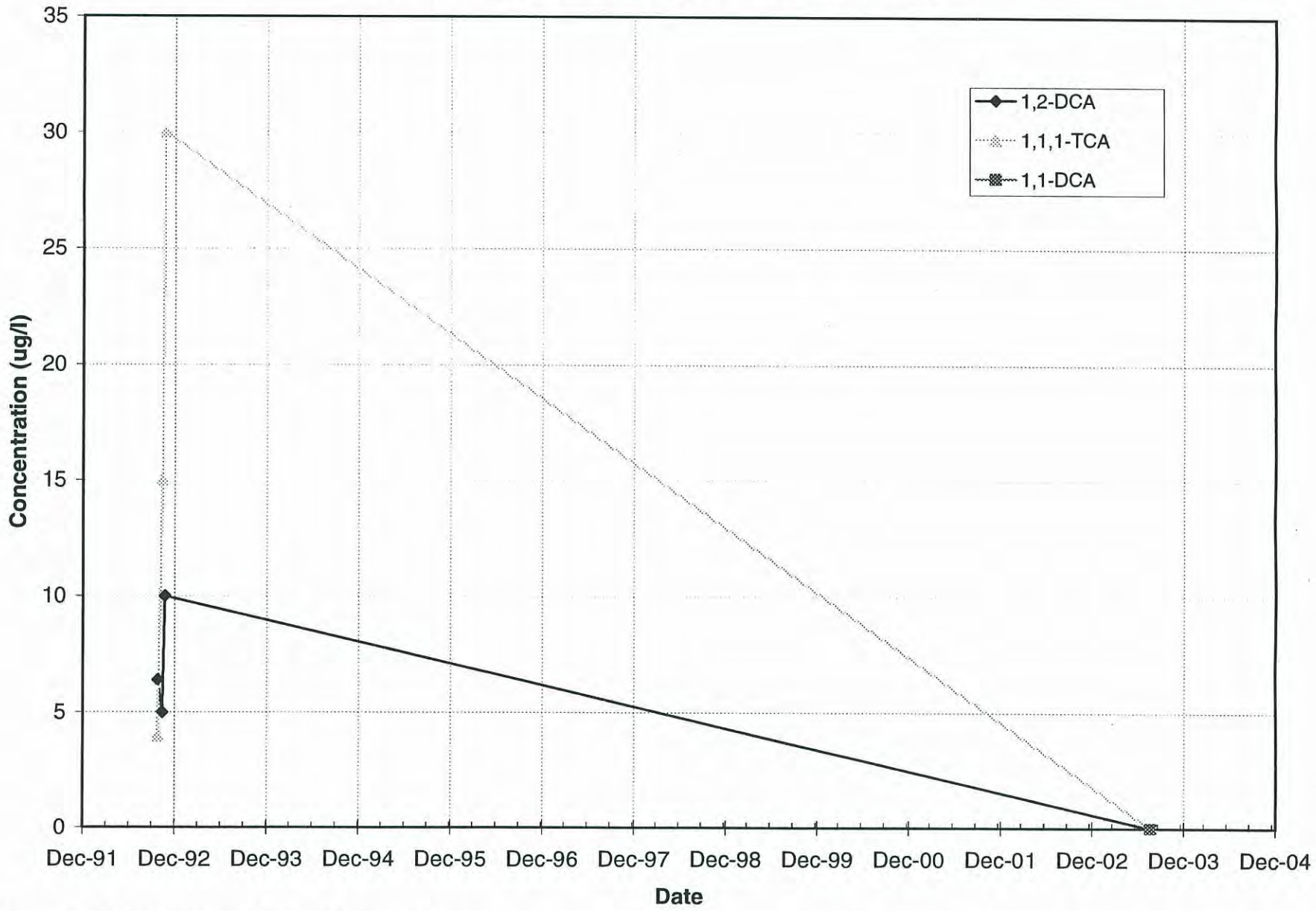


All non detects are set as zero for graphing purpose.



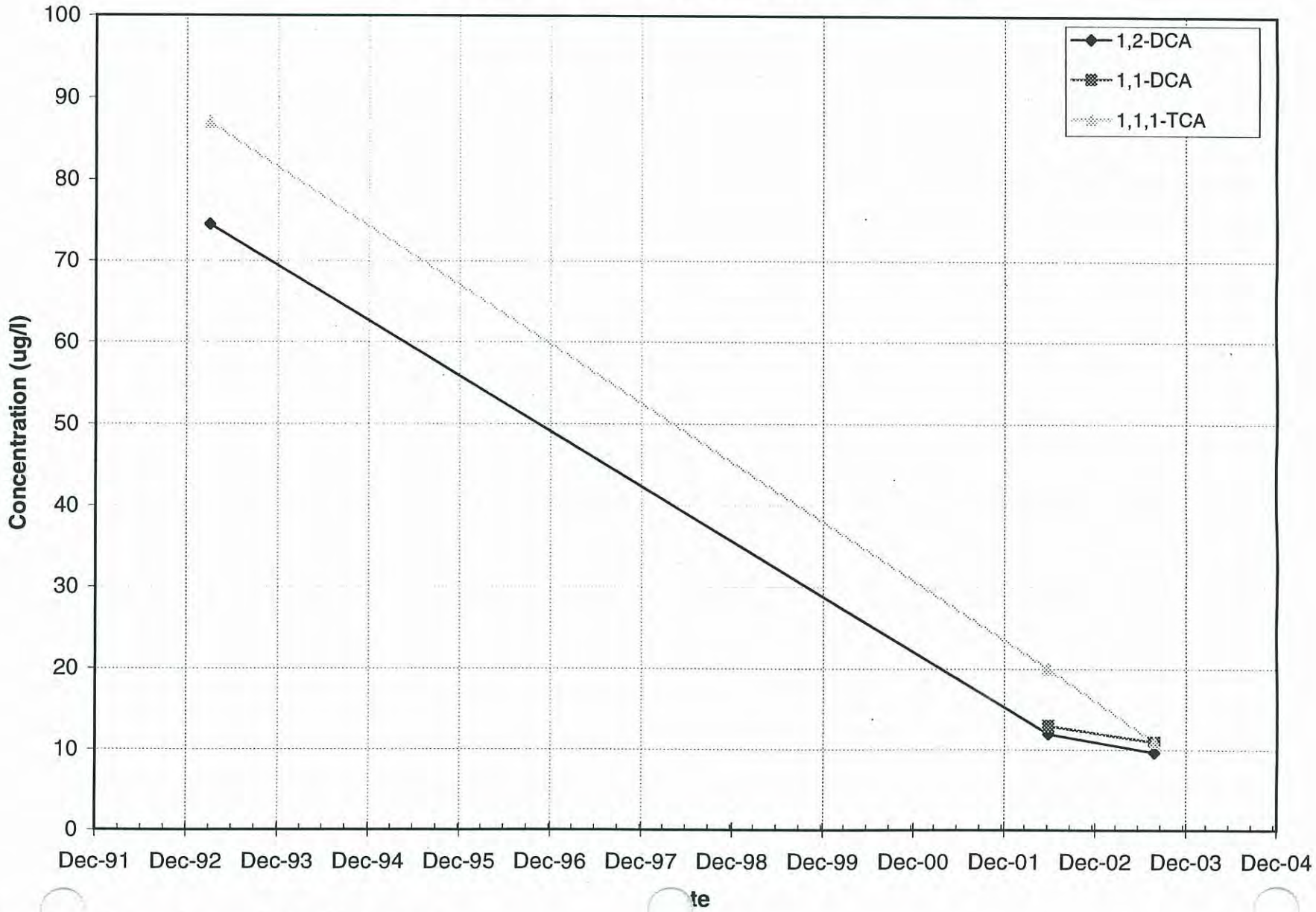
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well IW-04
1,1,1-TCA, 1,1-DCA and 1,2-DCA Concentrations



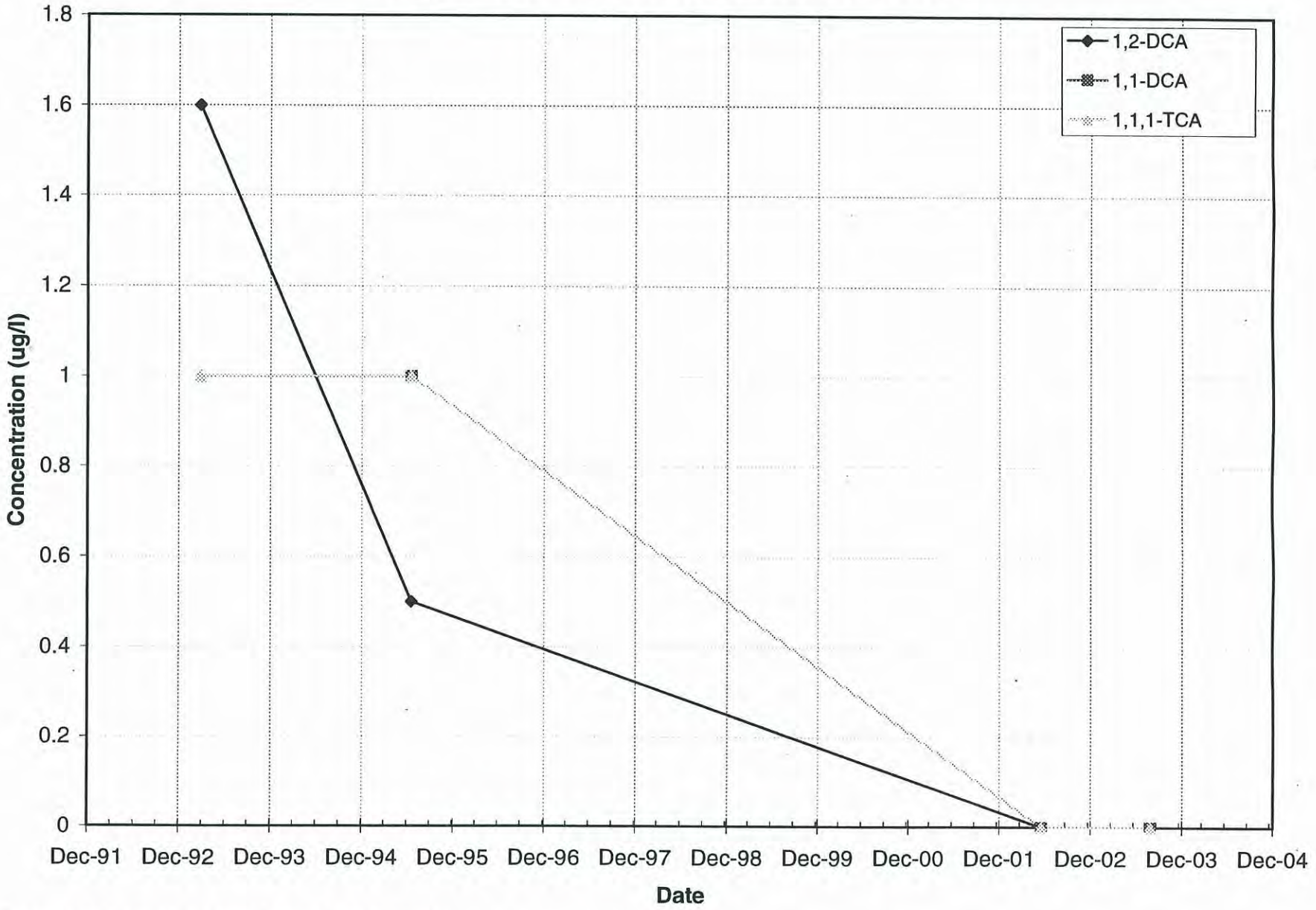
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-01
1,1,1-TCA, 1,1-DCA and 1,2-DCA Concentrations



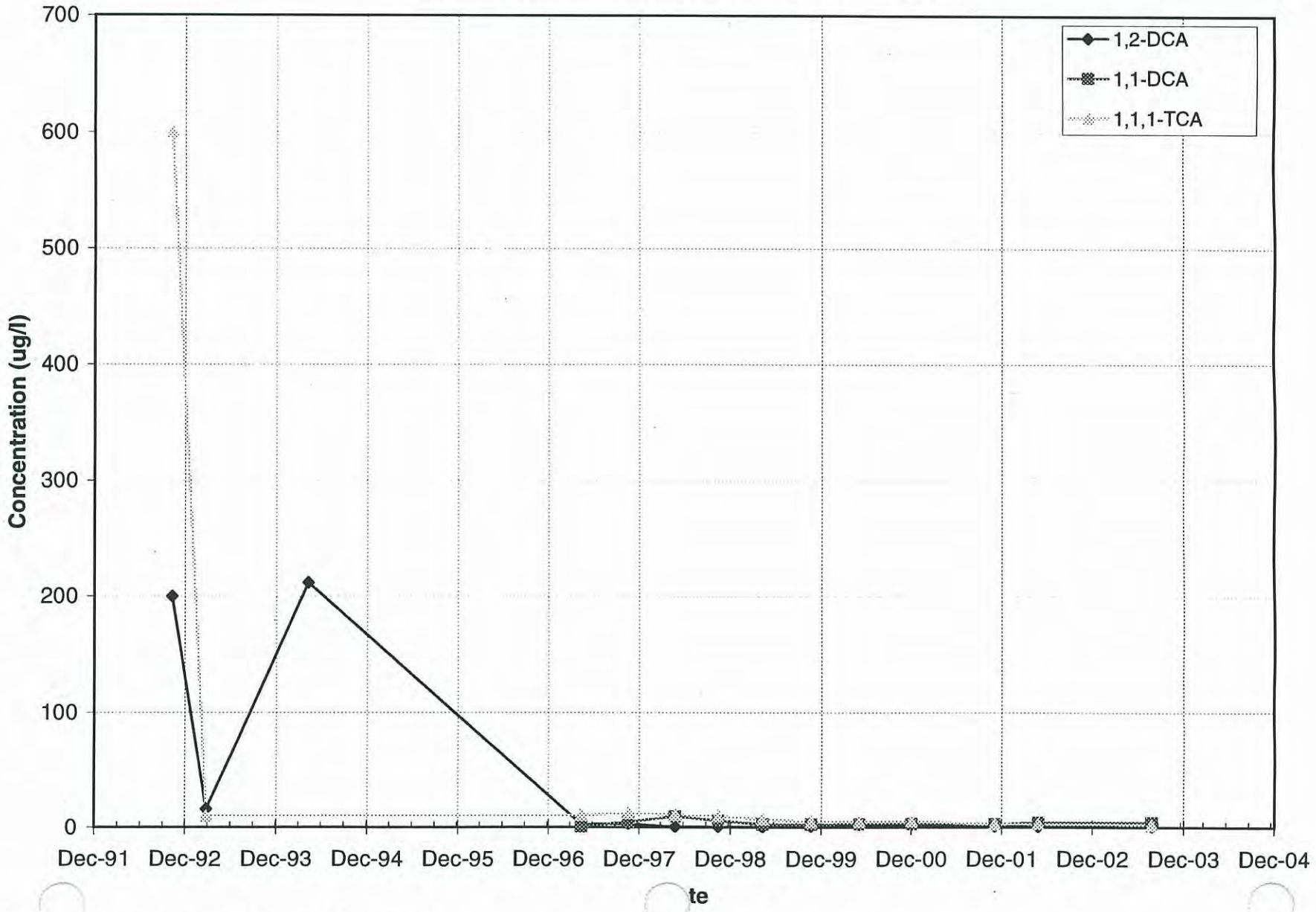
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-03
1,1,1-TCA, 1,1-DCA and 1,2-DCA Concentrations



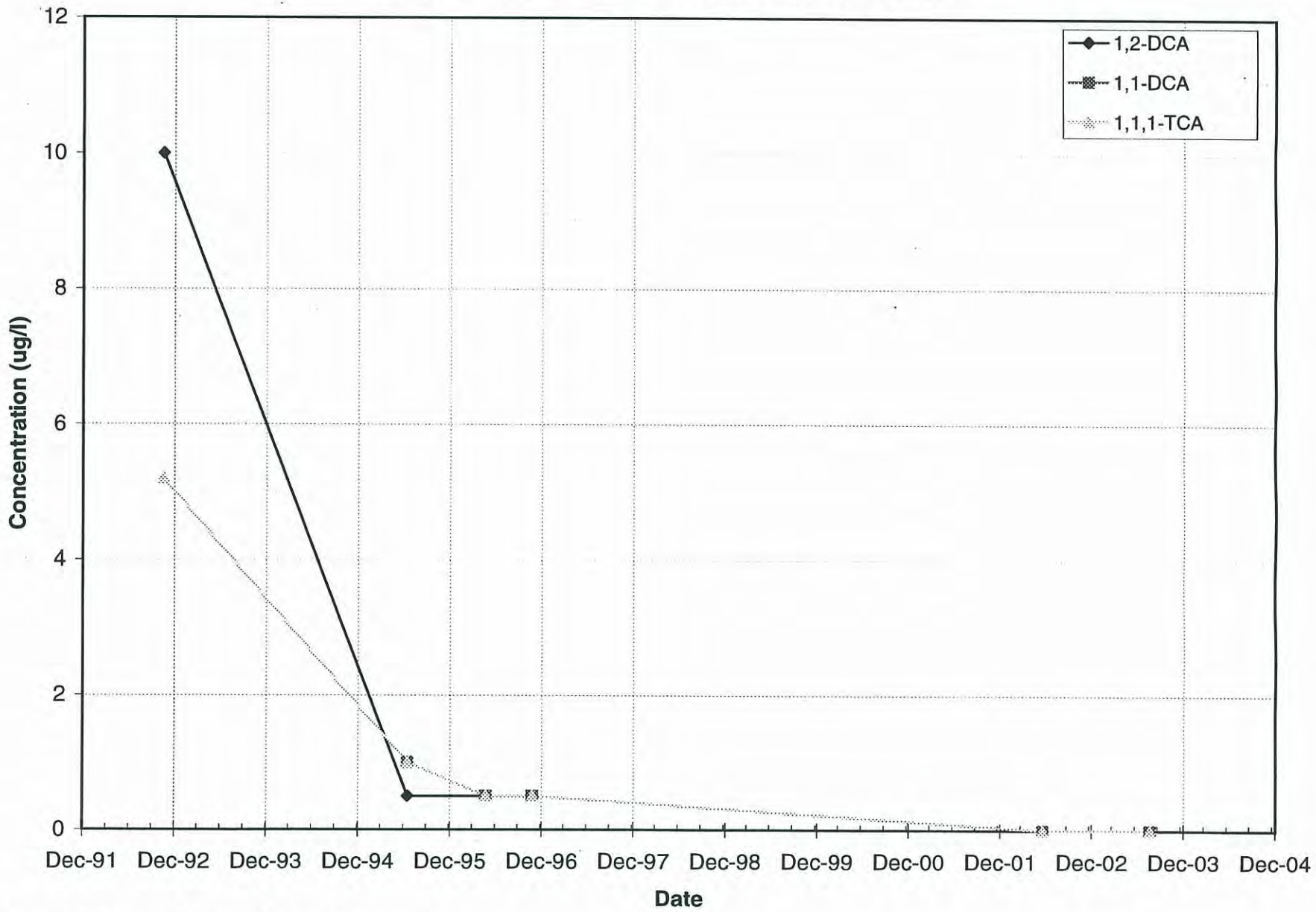
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-05
1,1,1-TCA, 1,1-DCA and 1,2-DCA Concentrations



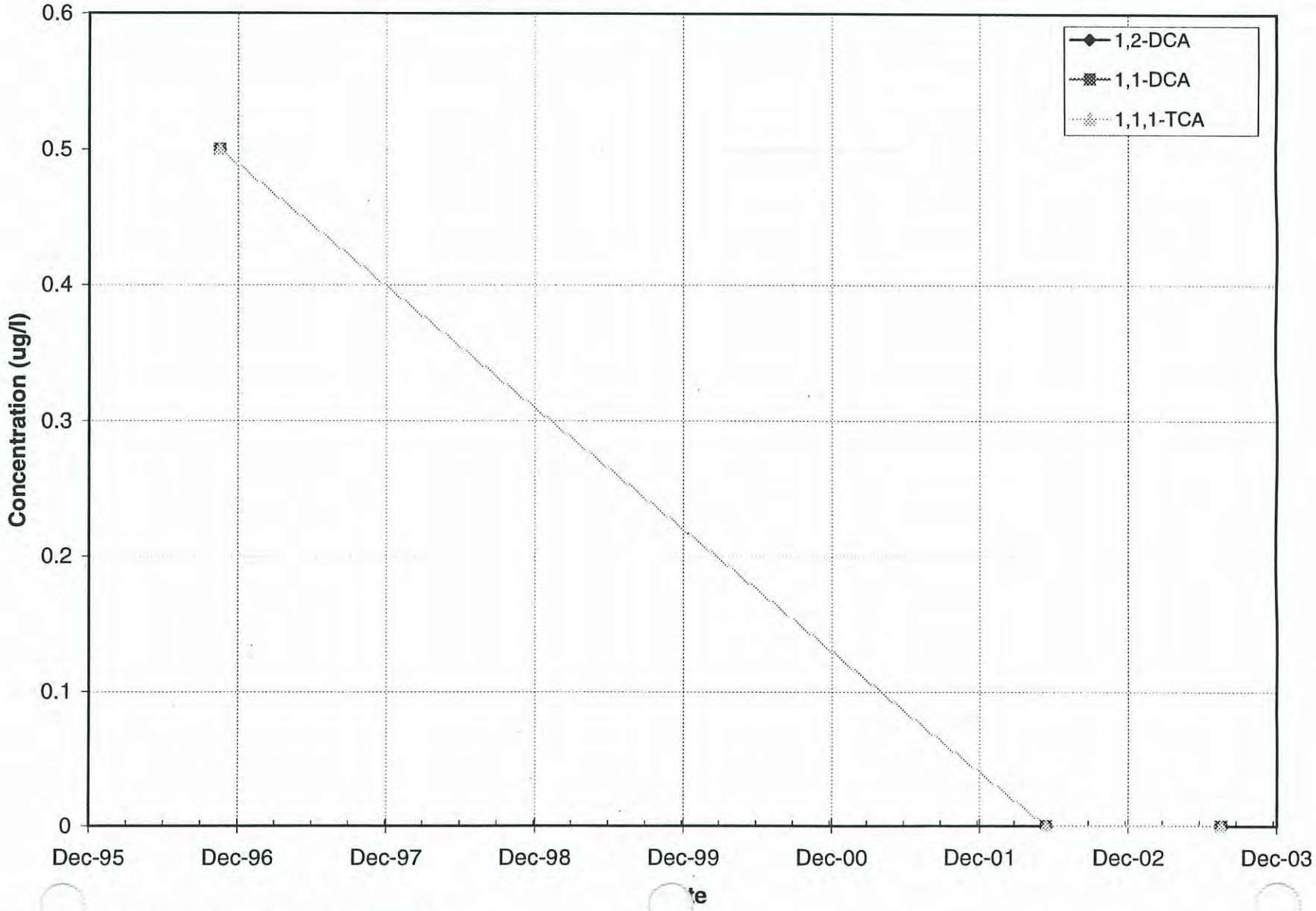
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-06
1,1,1-TCA, 1,1-DCA and 1,2-DCA Concentrations



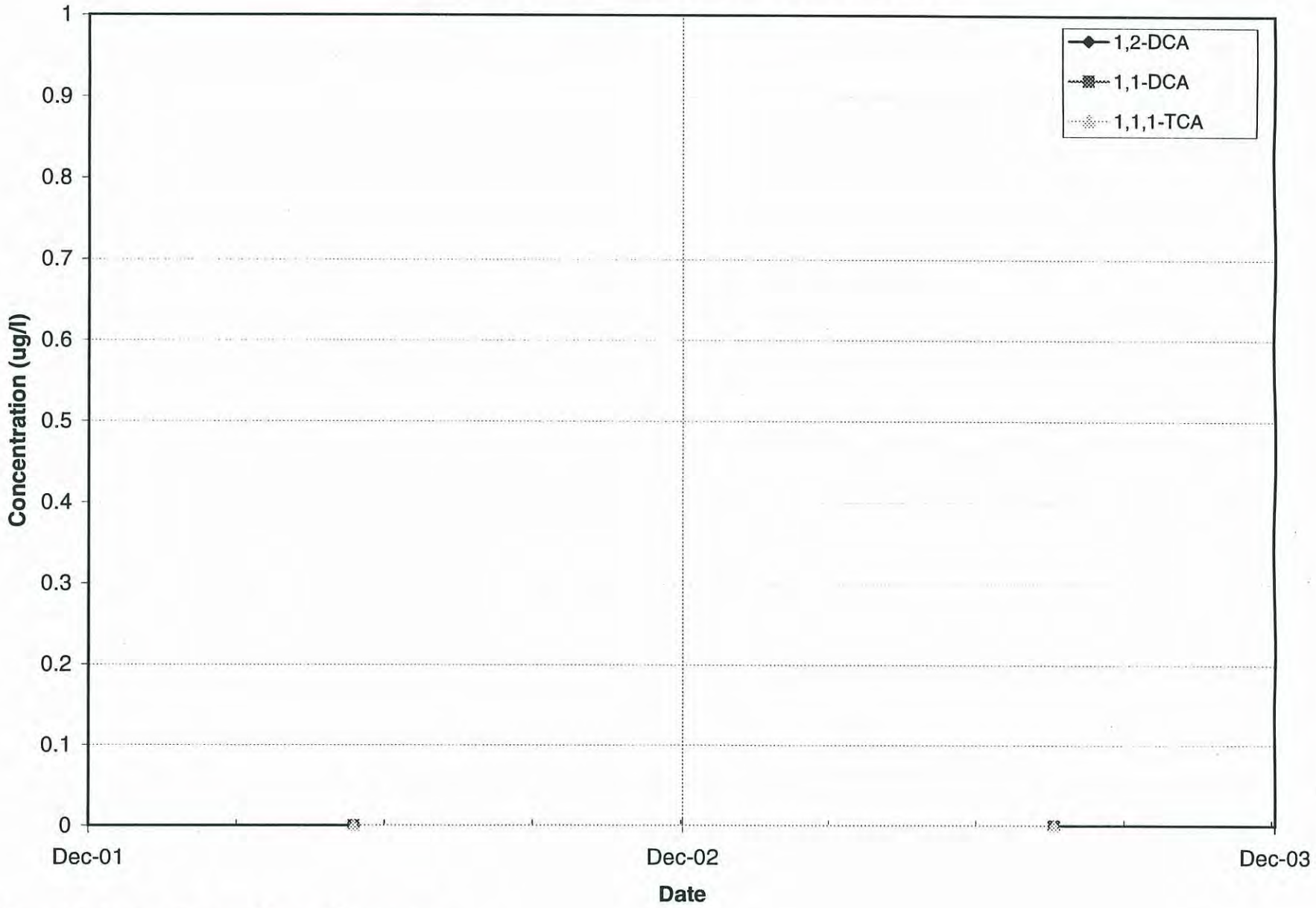
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-08
1,1,1-TCA, 1,1-DCA and 1,2-DCA Concentrations



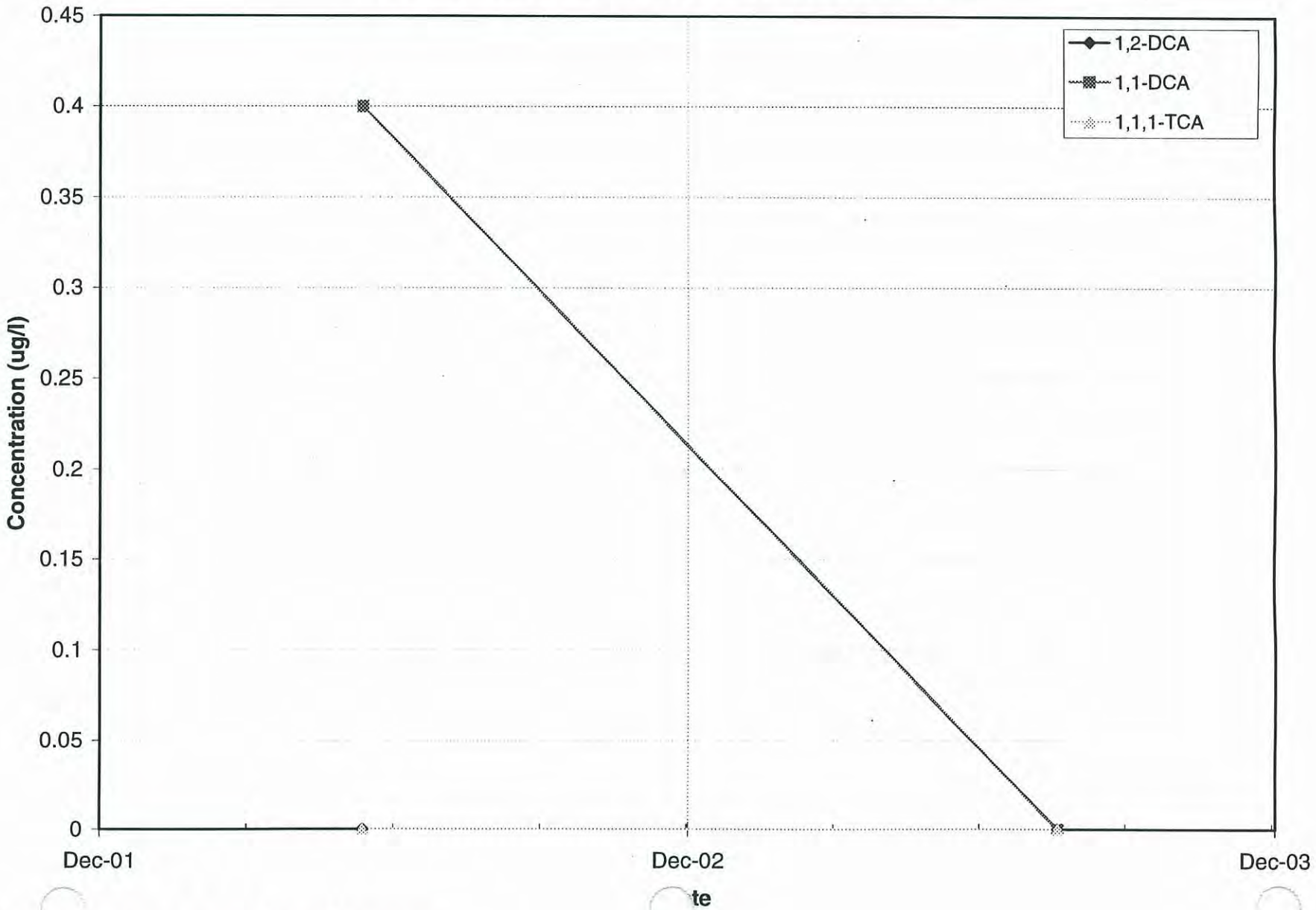
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-09
1,1,1-TCA, 1,1-DCA and 1,2-DCA Concentrations



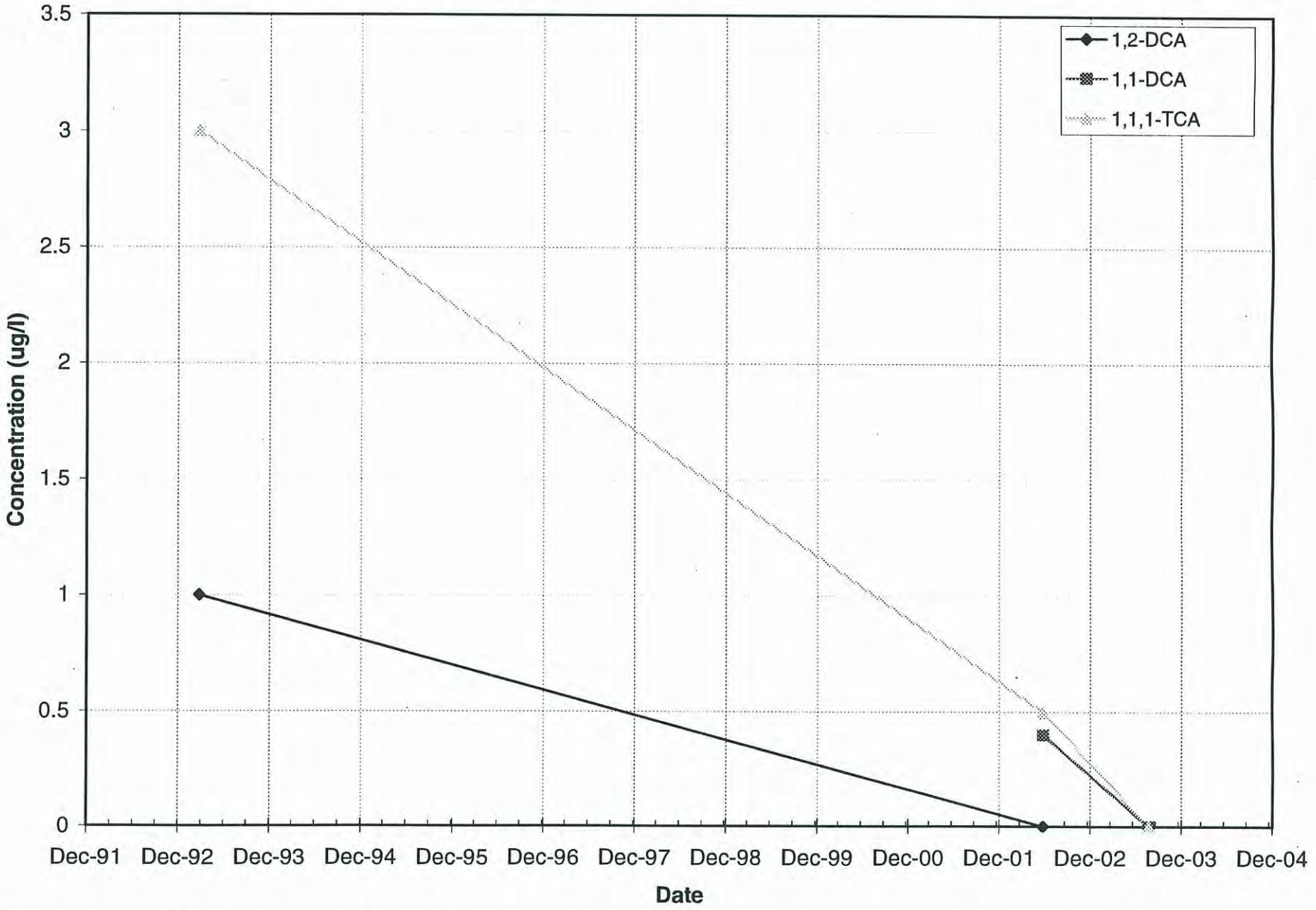
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-12
1,1,1-TCA, 1,1-DCA and 1,2-DCA Concentrations



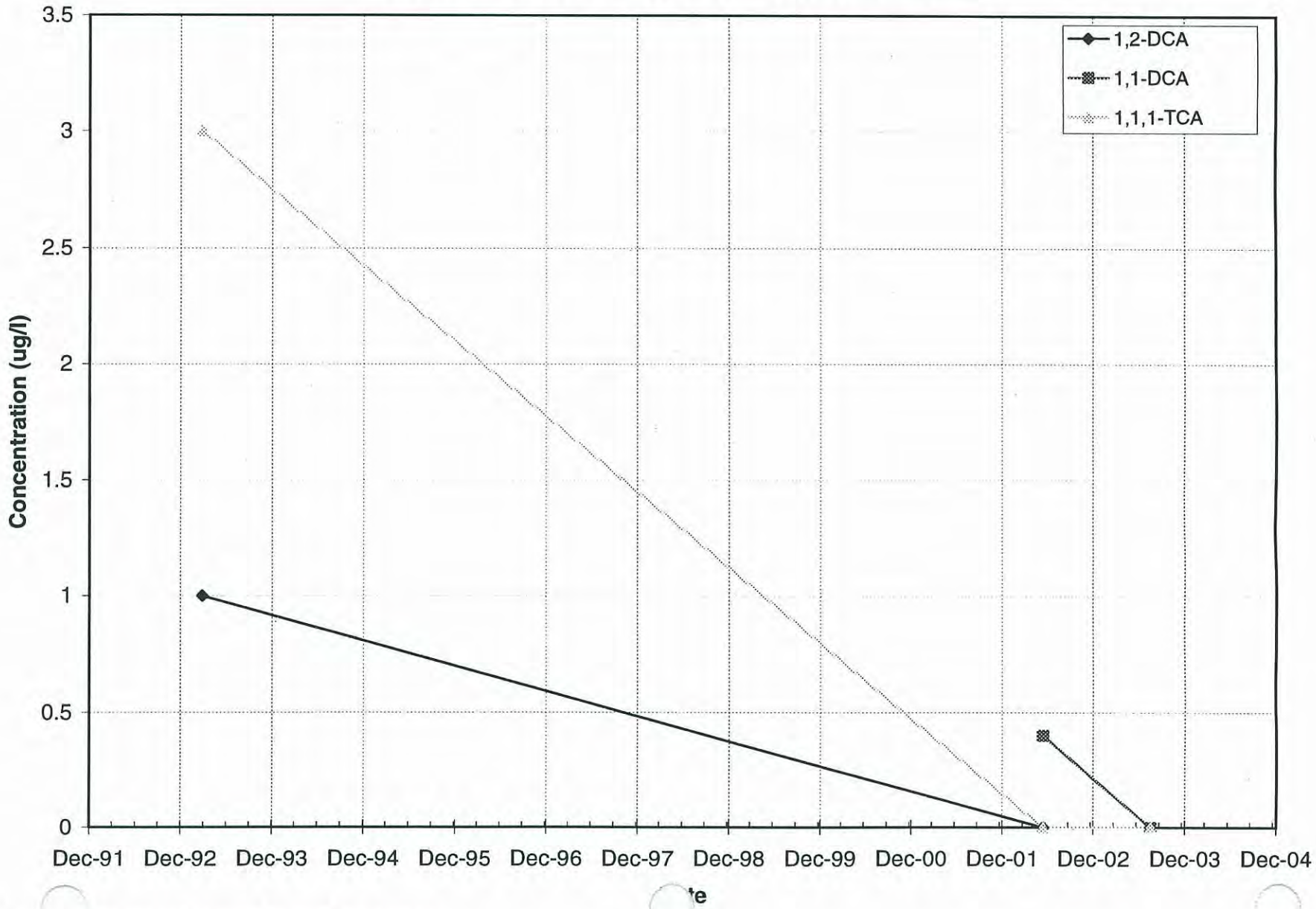
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-13
1,1,1-TCA, 1,1-DCA and 1,2-DCA Concentrations



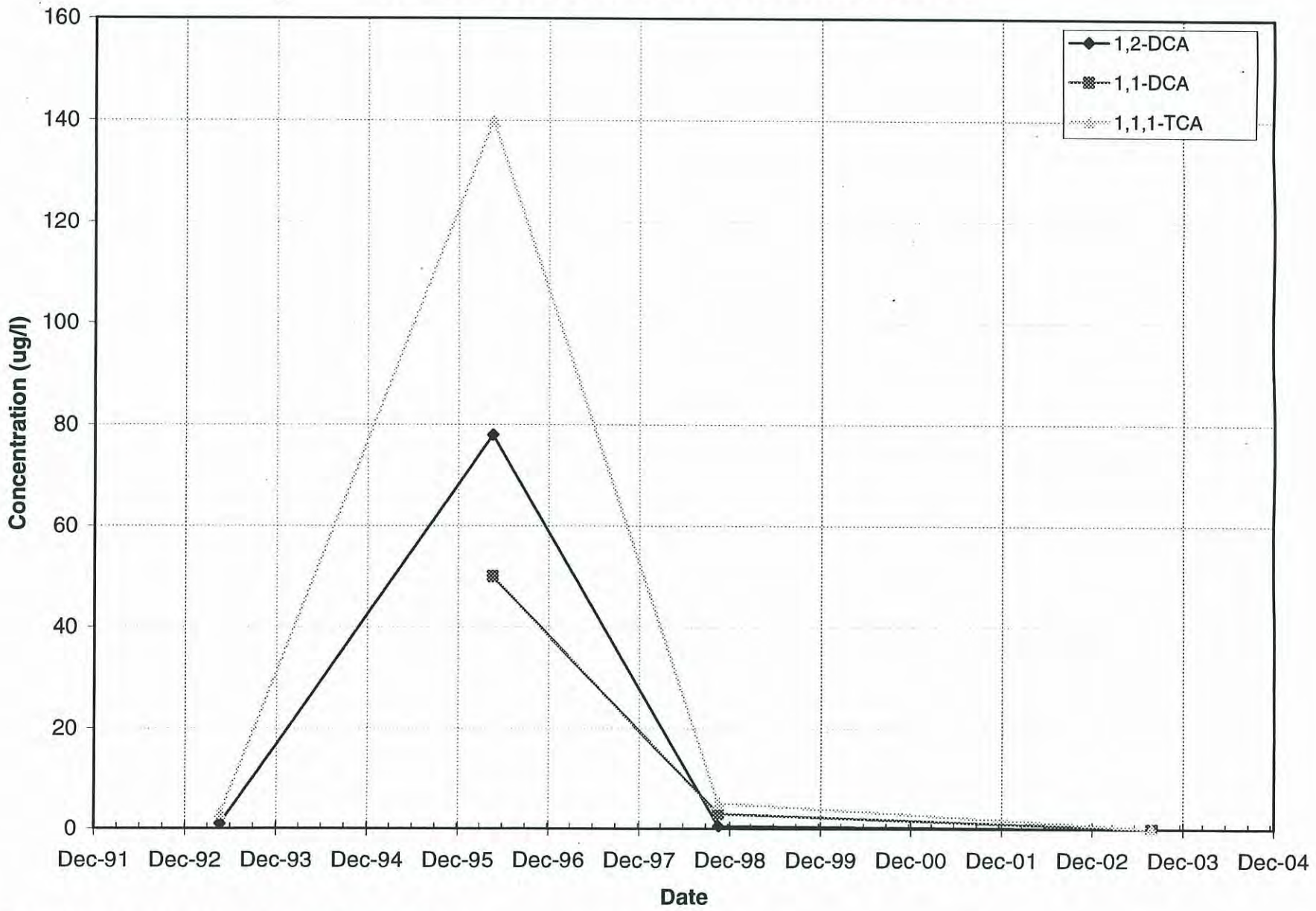
All non detects are set as zero for graphing purpose

Lockheed Martin Corporation
Beaumont Site 1, Well MW-15
1,1,1-TCA, 1,1-DCA and 1,2-DCA Concentrations



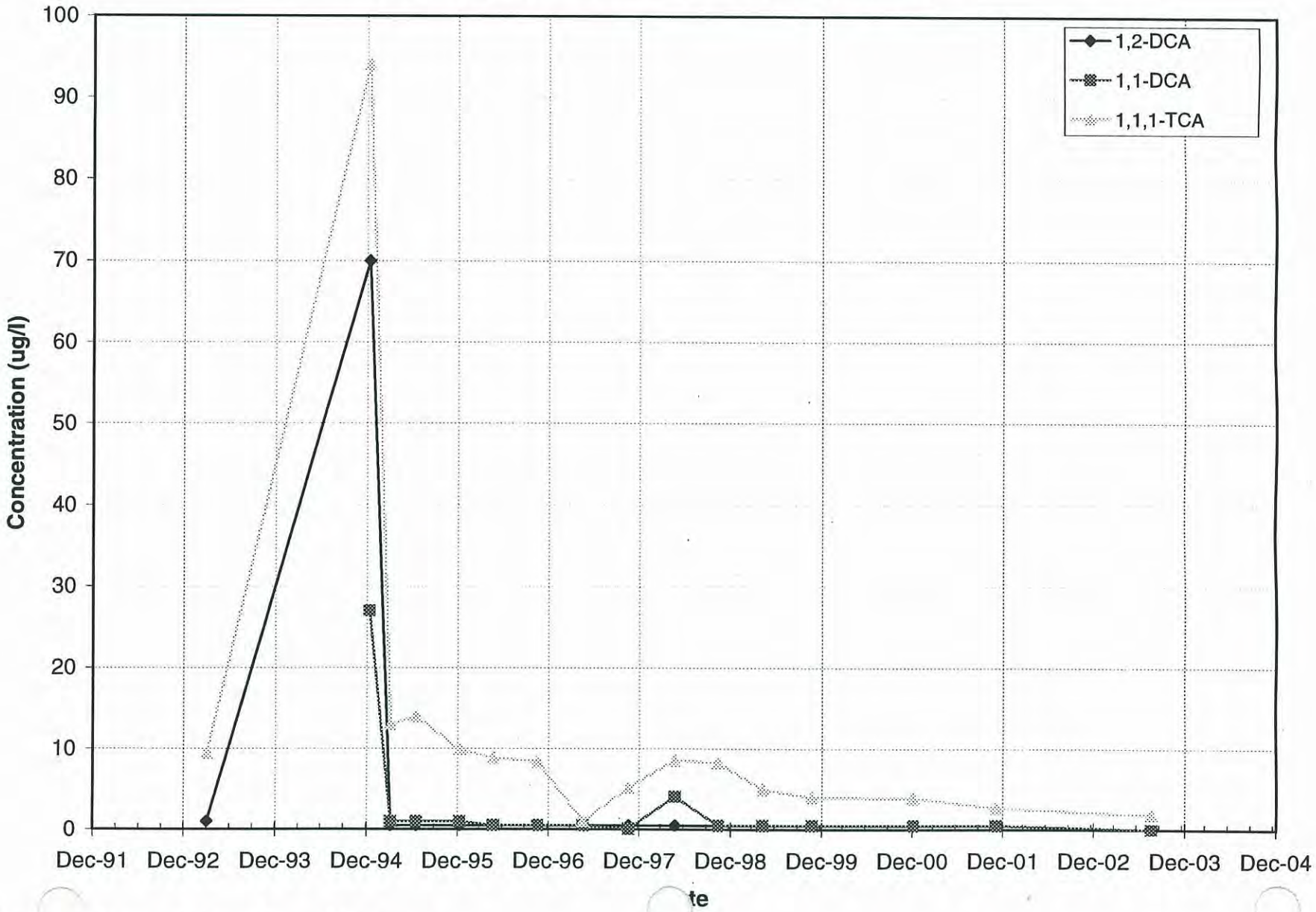
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-16
1,1,1-TCA, 1,1-DCA and 1,2-DCA Concentrations



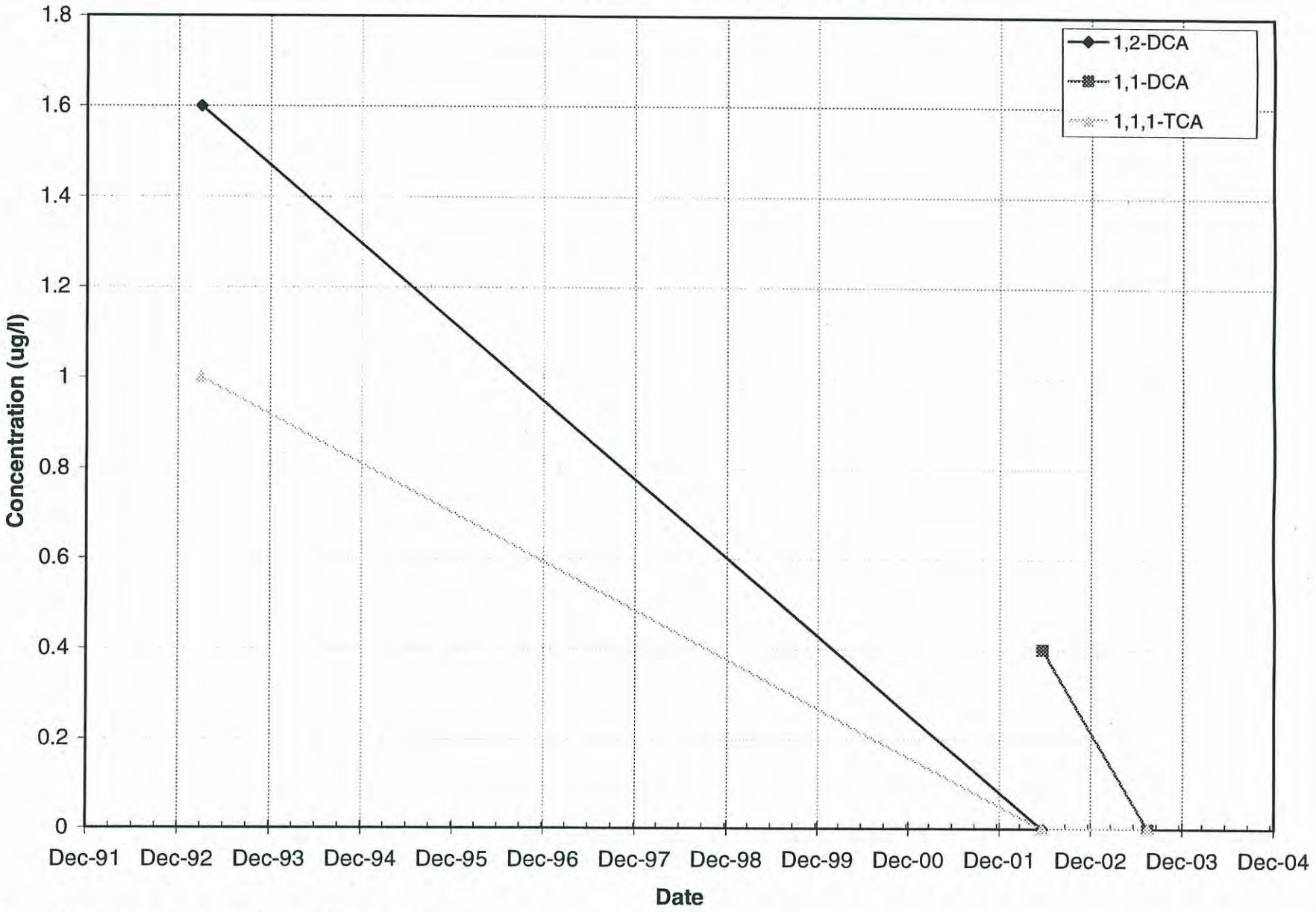
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-17
1,1,1-TCA, 1,1-DCA and 1,2-DCA Concentrations



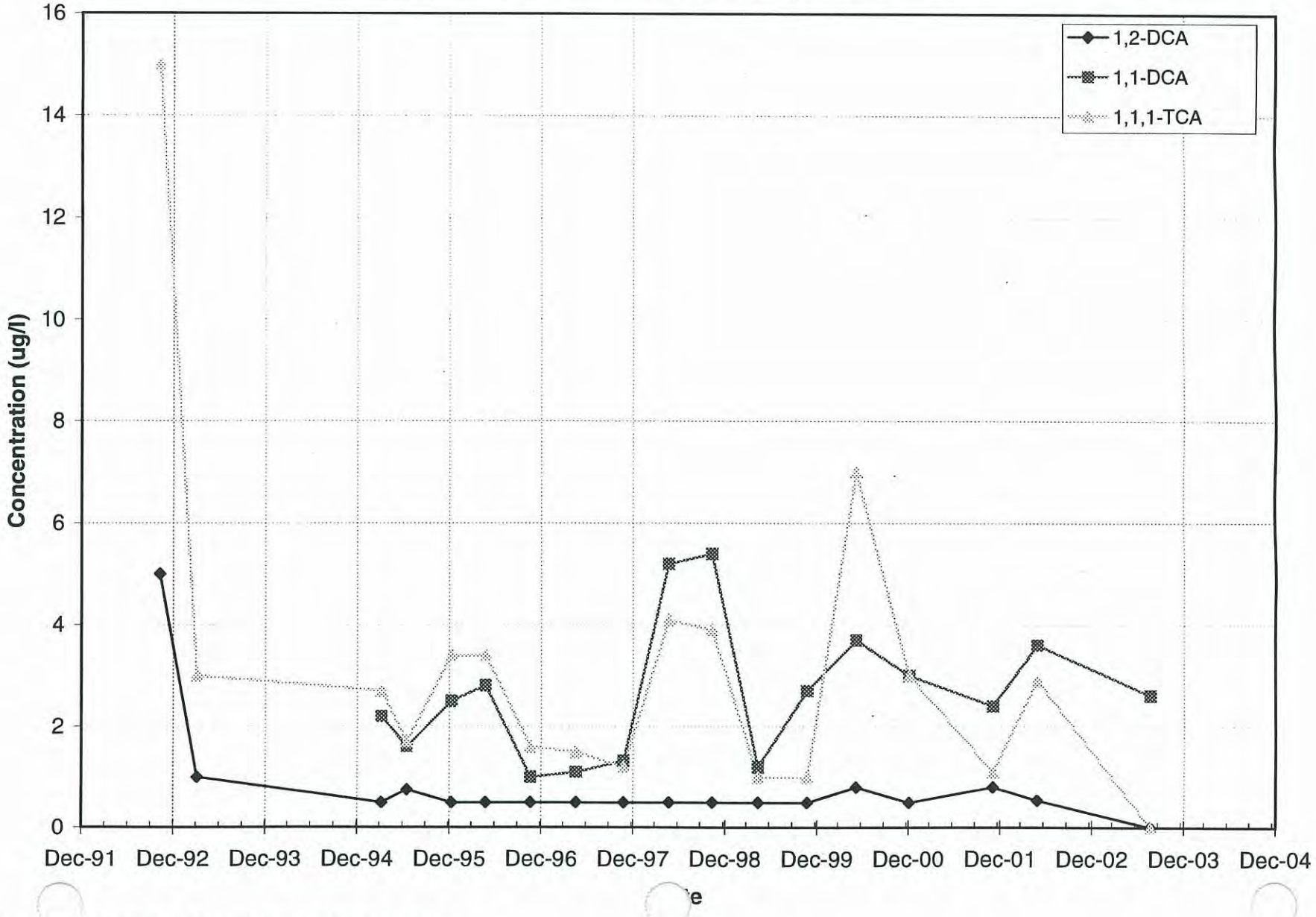
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-18
1,1,1-TCA, 1,1-DCA and 1,2-DCA Concentrations



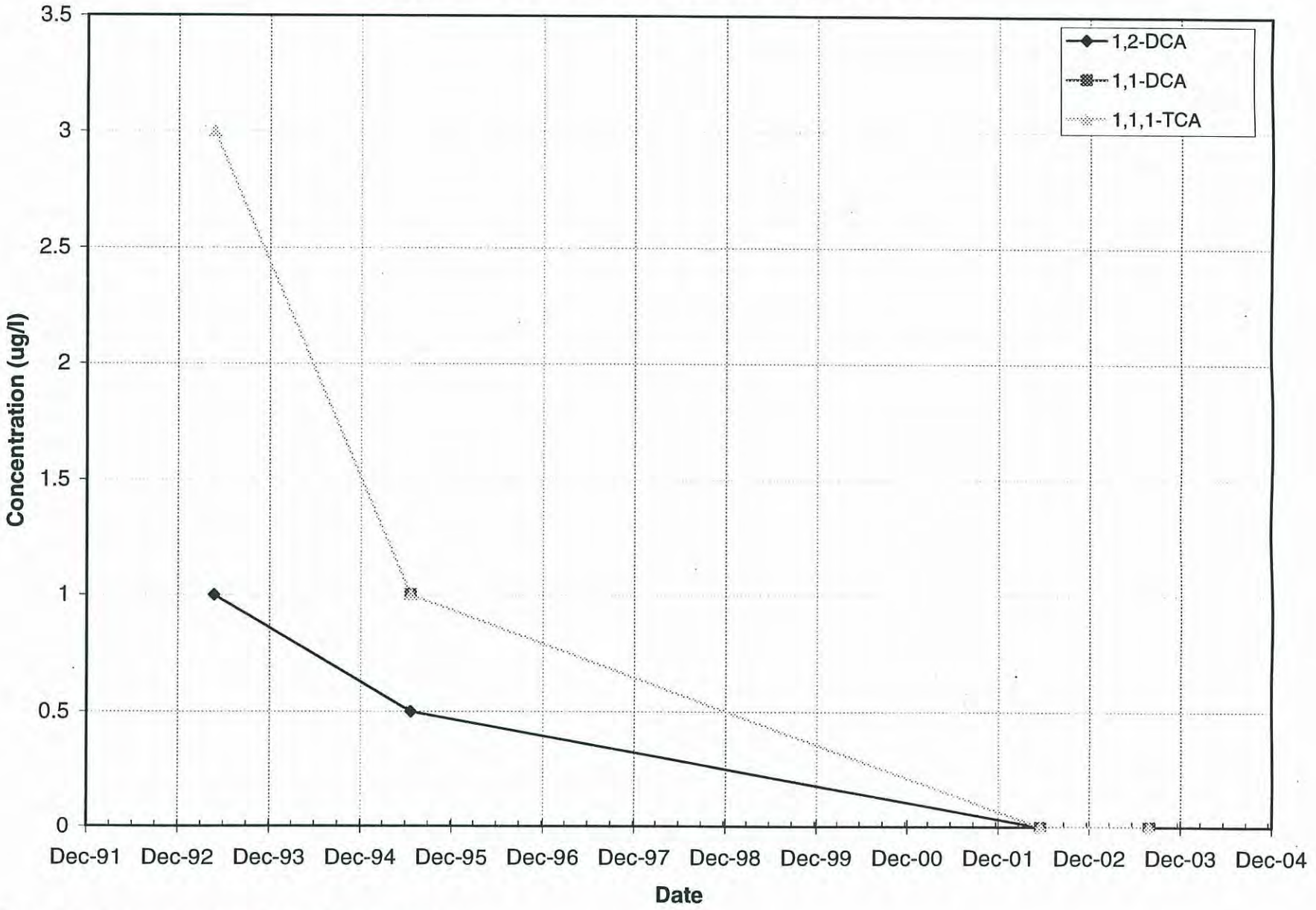
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-19
1,1,1-TCA, 1,1-DCA and 1,2-DCA Concentrations



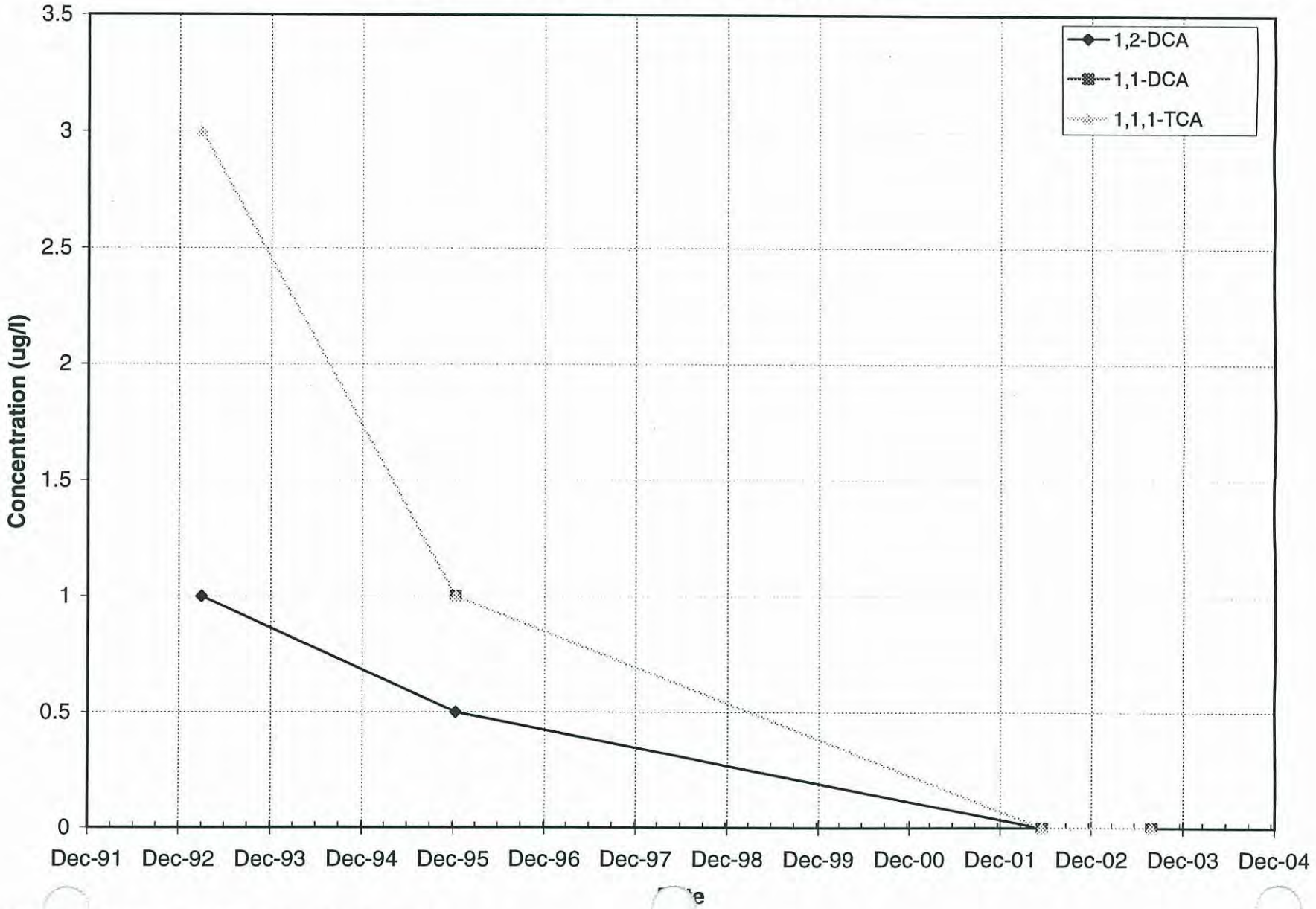
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-32
1,1,1-TCA, 1,1-DCA and 1,2-DCA Concentrations



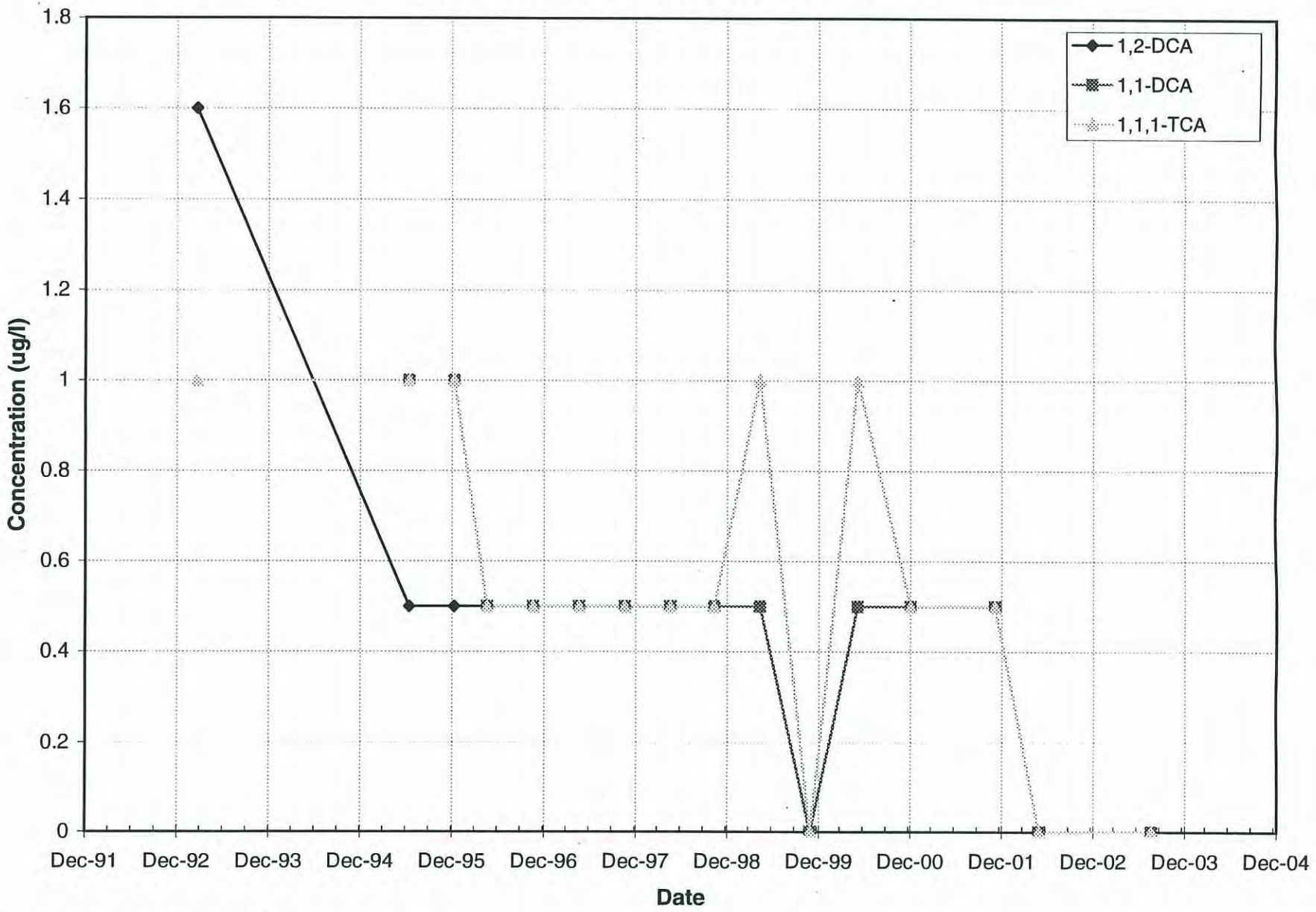
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-35
1,1,1-TCA, 1,1-DCA and 1,2-DCA Concentrations



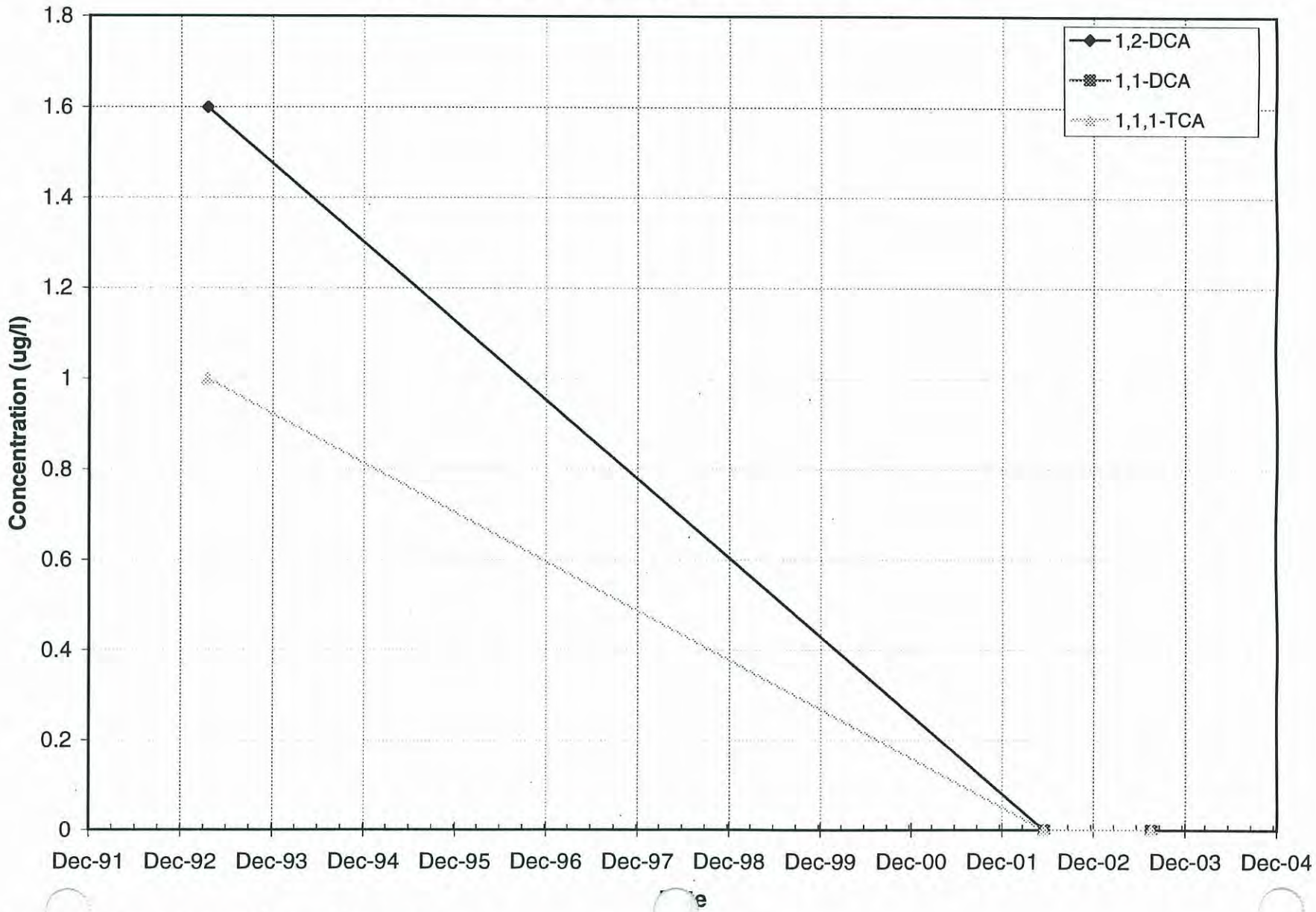
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-36
1,1,1-TCA, 1,1-DCA and 1,2-DCA Concentrations



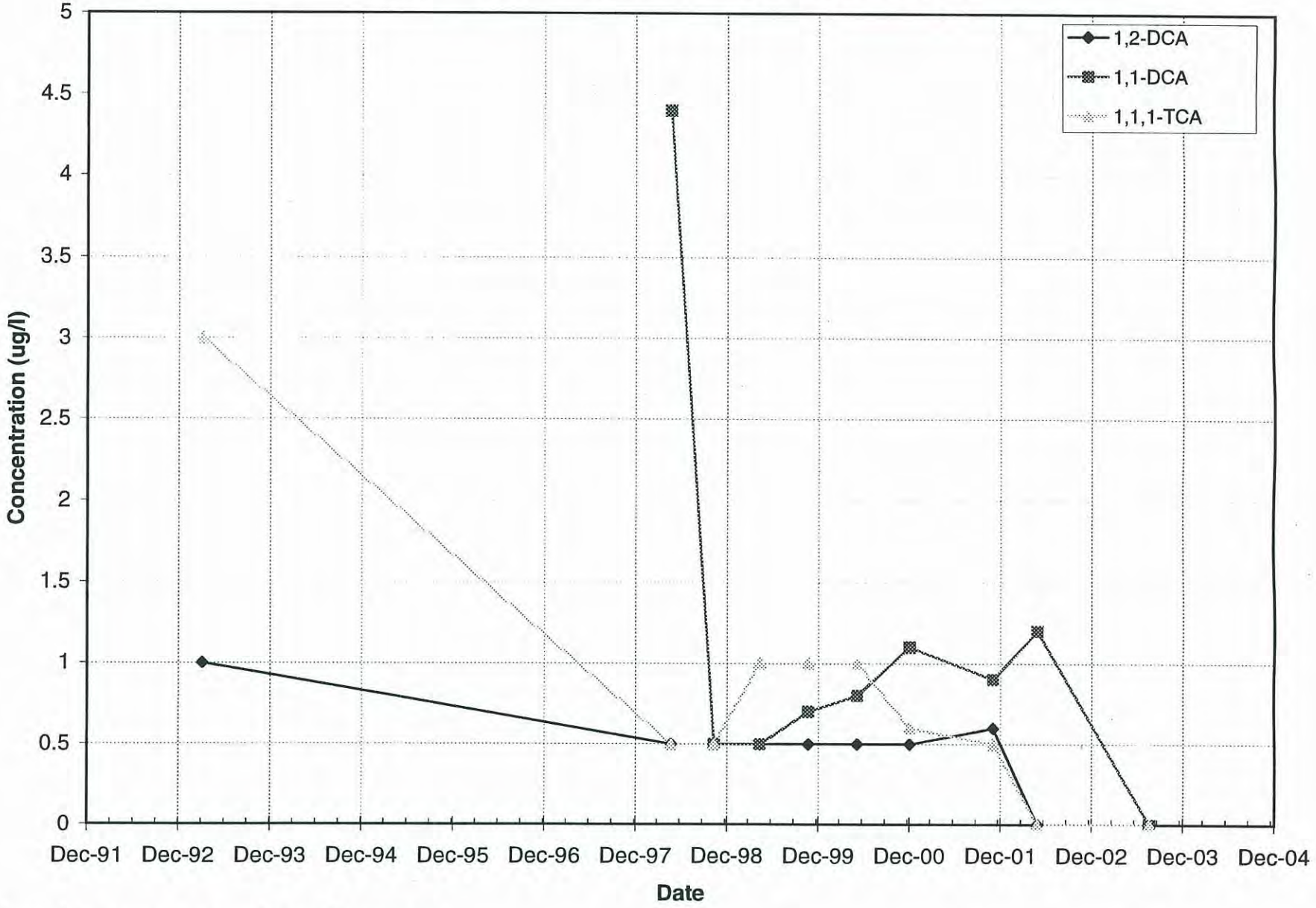
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-37
1,1,1-TCA, 1,1-DCA and 1,2-DCA Concentrations



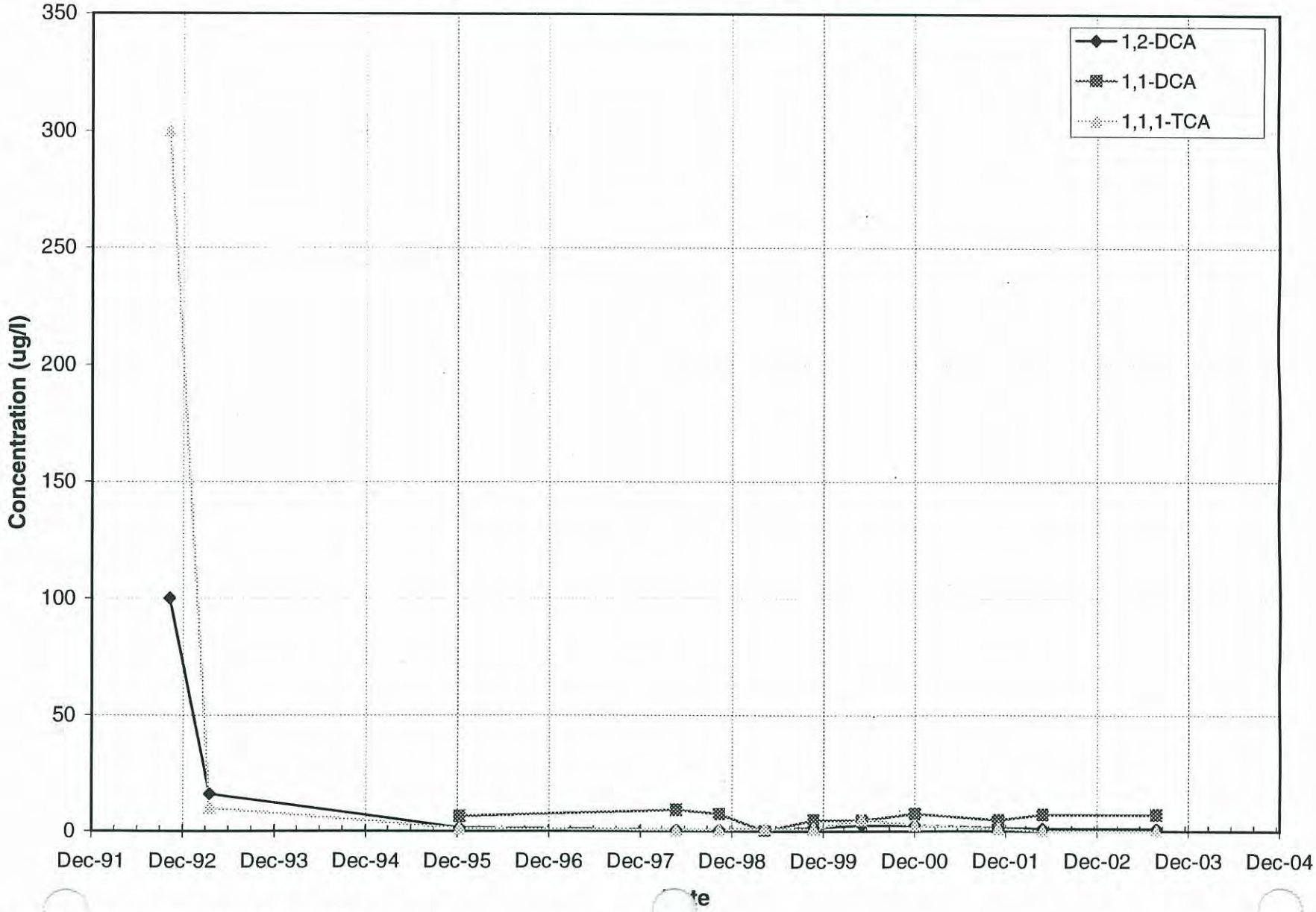
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-40
1,1,1-TCA, 1,1-DCA and 1,2-DCA Concentrations



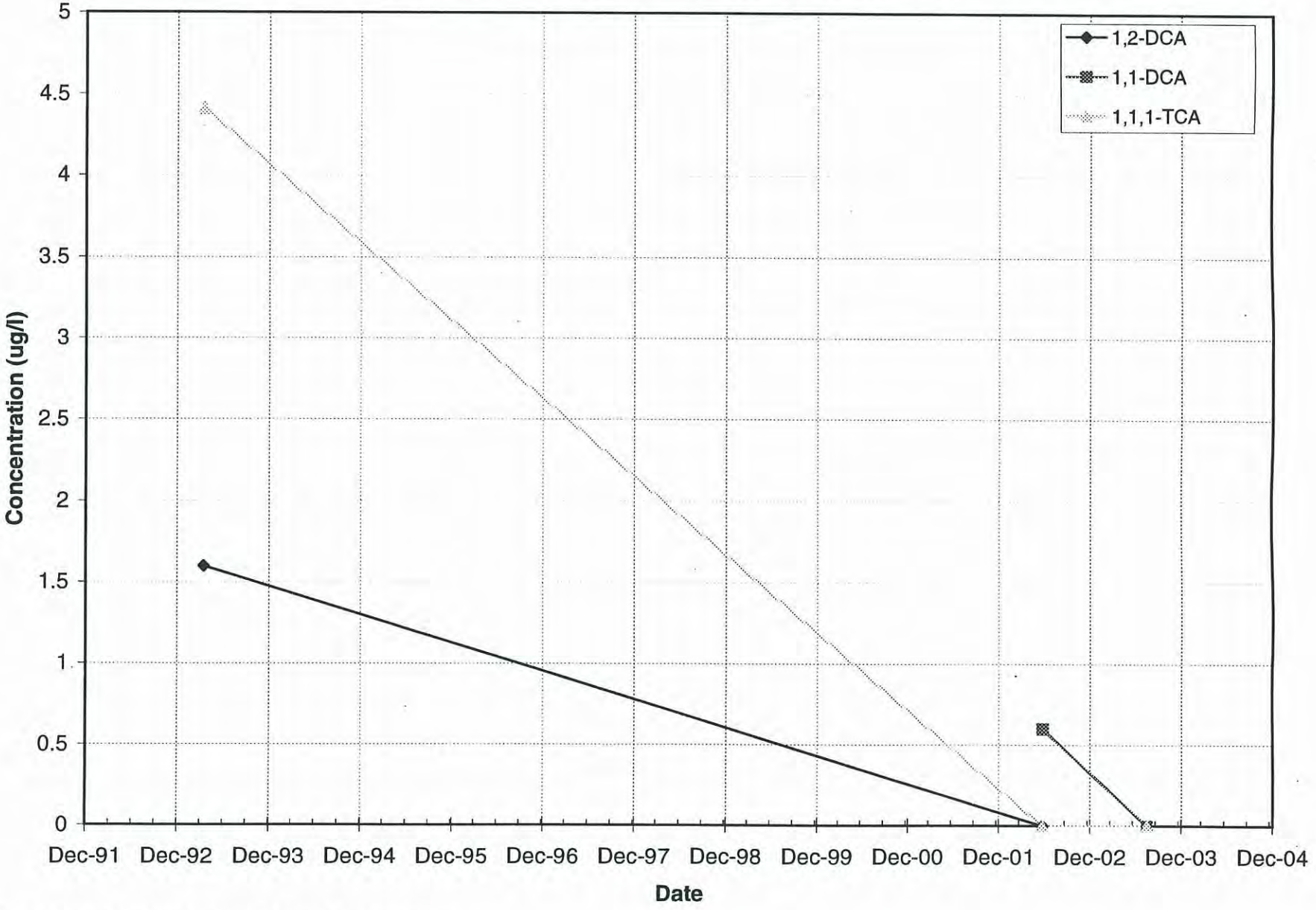
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-42
1,1,1-TCA, 1,1-DCA and 1,2-DCA Concentrations



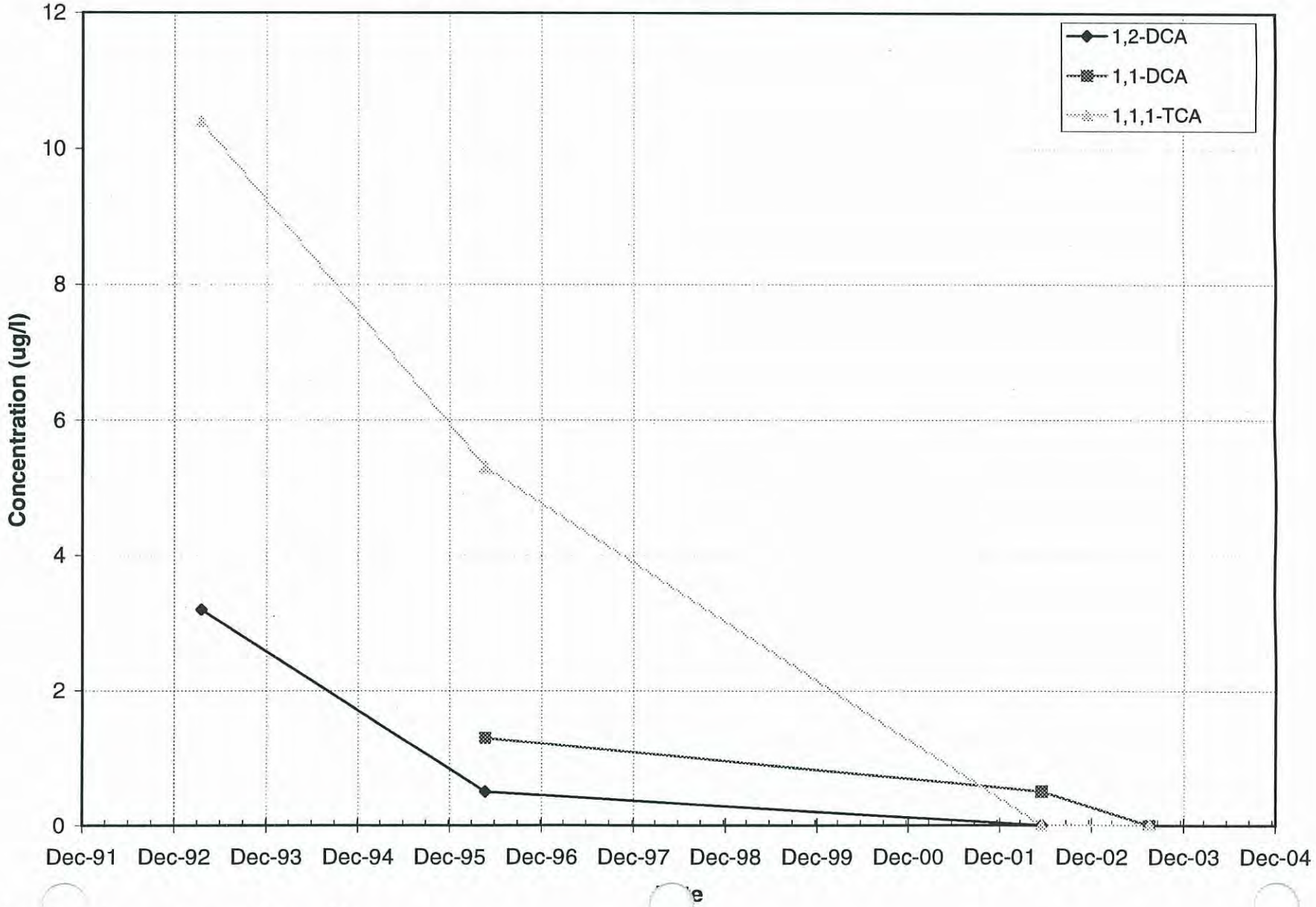
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-43
1,1,1-TCA, 1,1-DCA and 1,2-DCA Concentrations



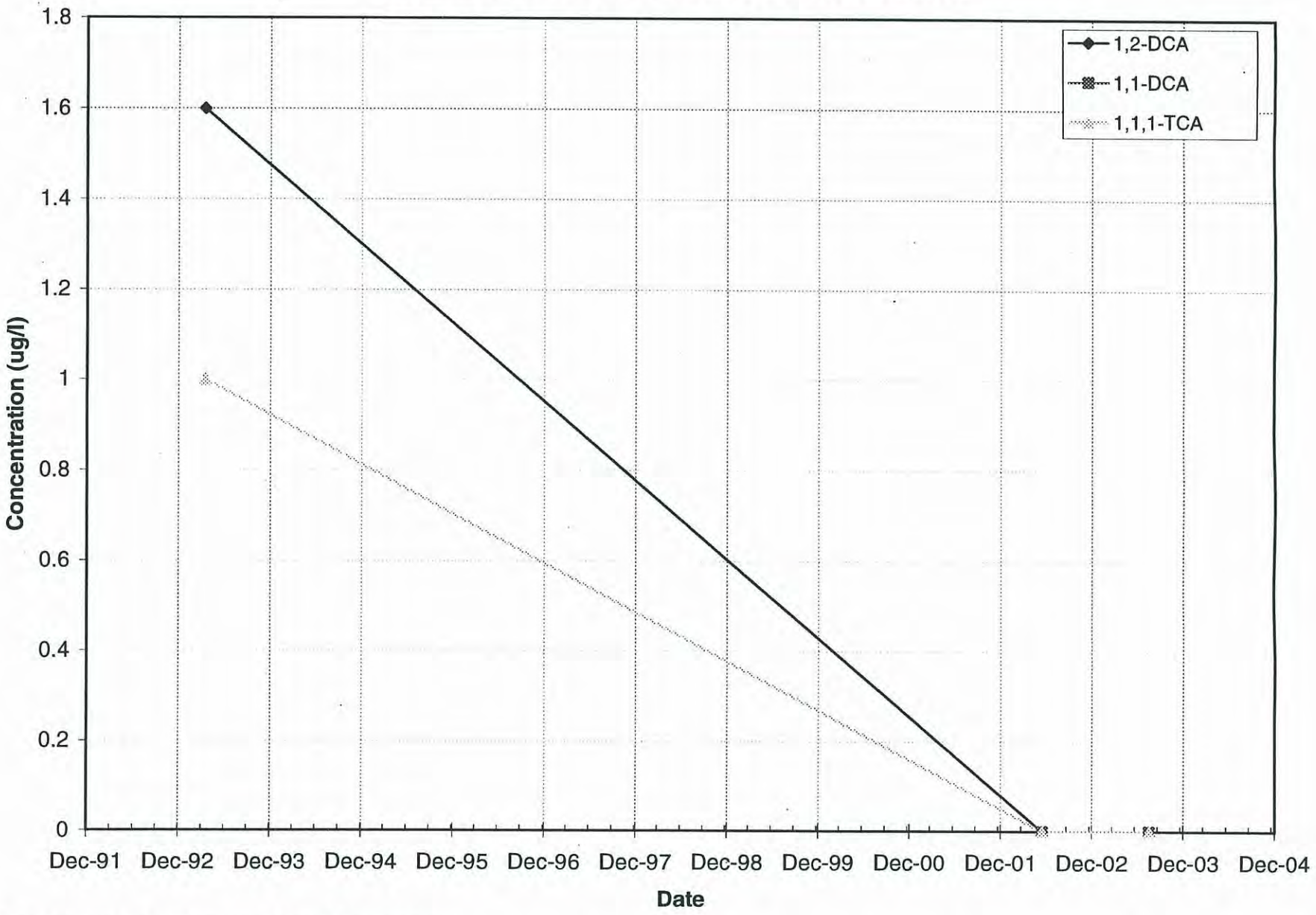
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-45
1,1,1-TCA, 1,1-DCA and 1,2-DCA Concentrations



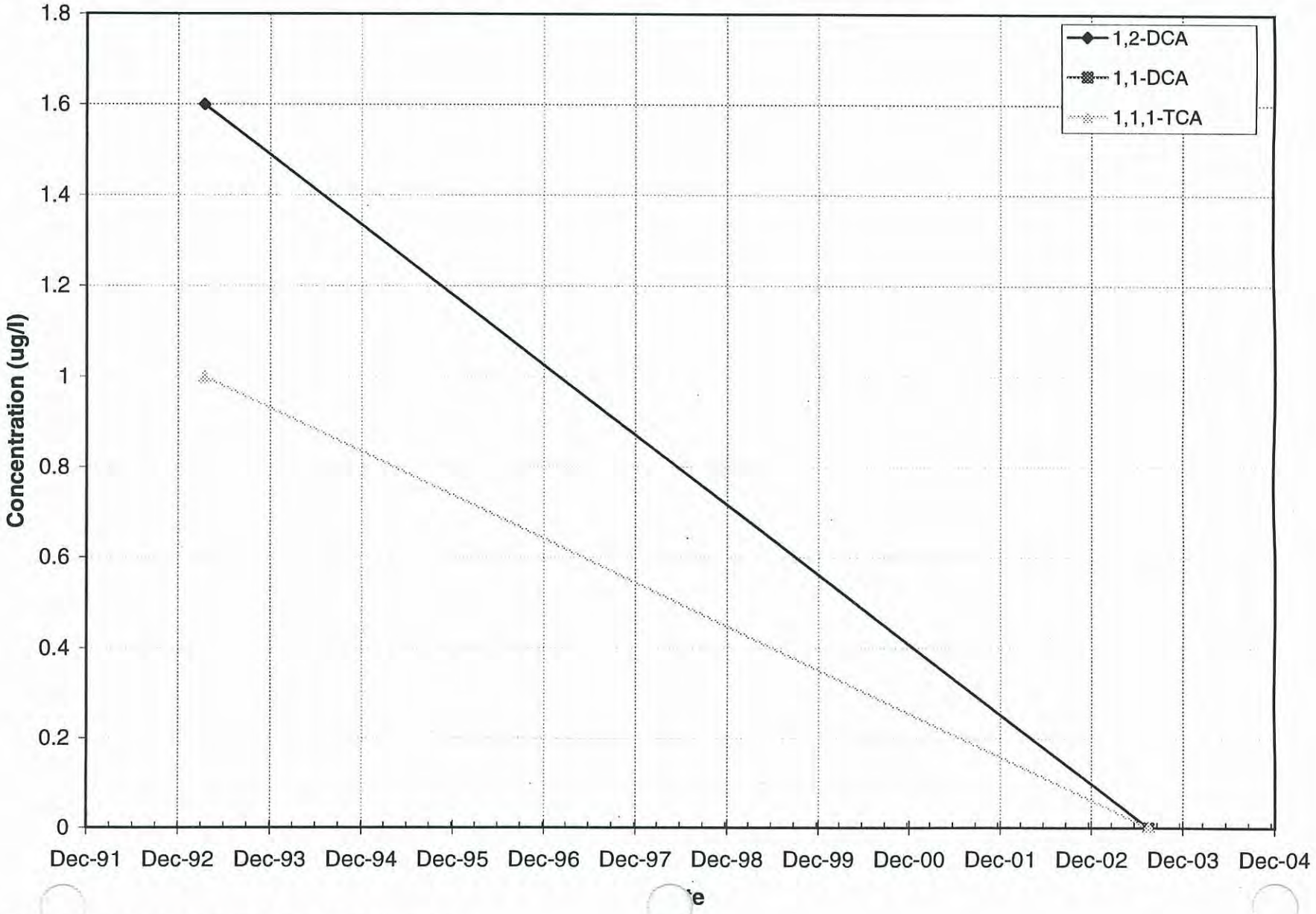
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-47
1,1,1-TCA, 1,1-DCA and 1,2-DCA Concentrations



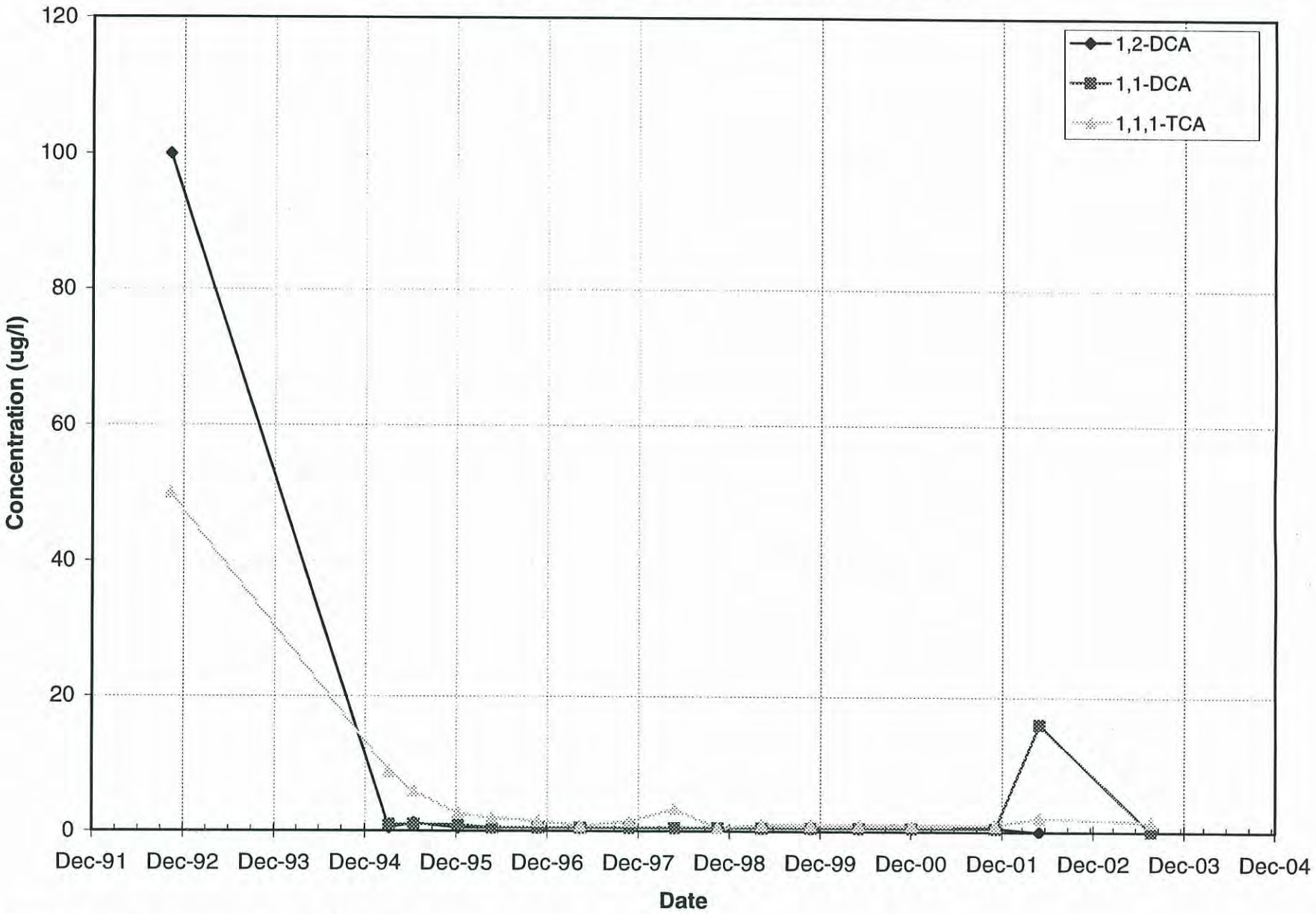
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-48
1,1,1-TCA, 1,1-DCA and 1,2-DCA Concentrations



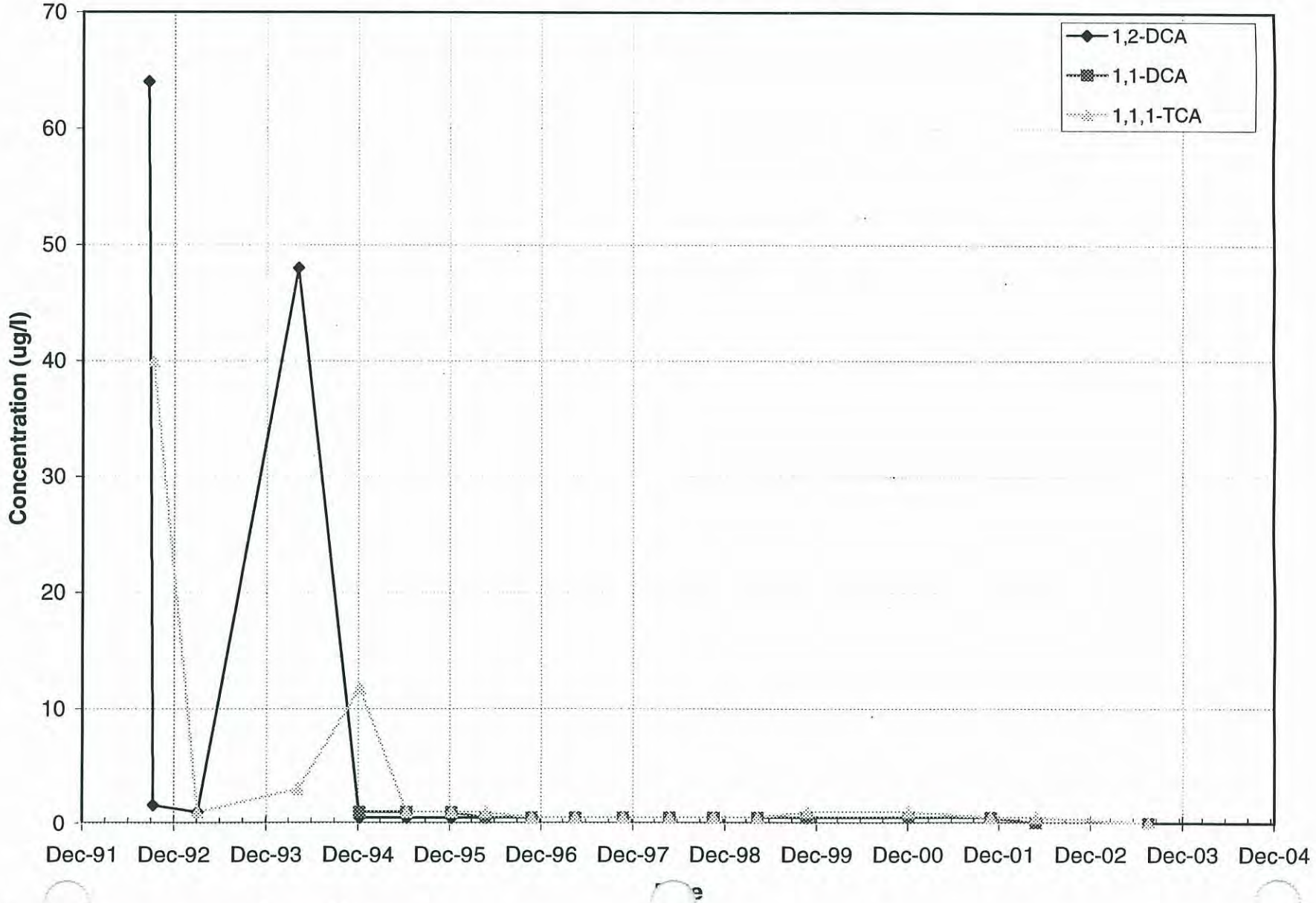
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-49
1,1,1-TCA, 1,1-DCA and 1,2-DCA Concentrations



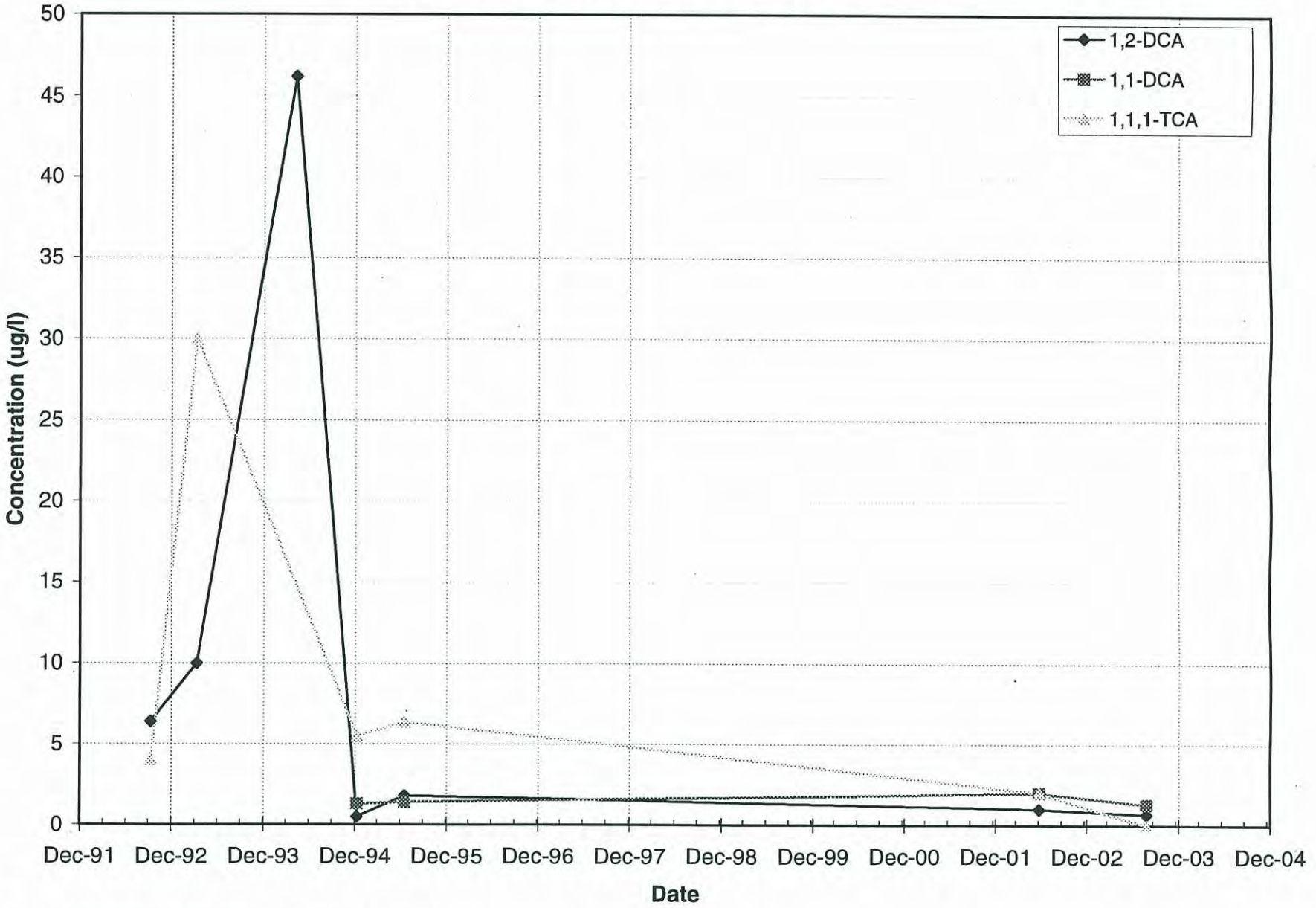
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-56A
1,1,1-TCA, 1,1-DCA and 1,2-DCA Concentrations



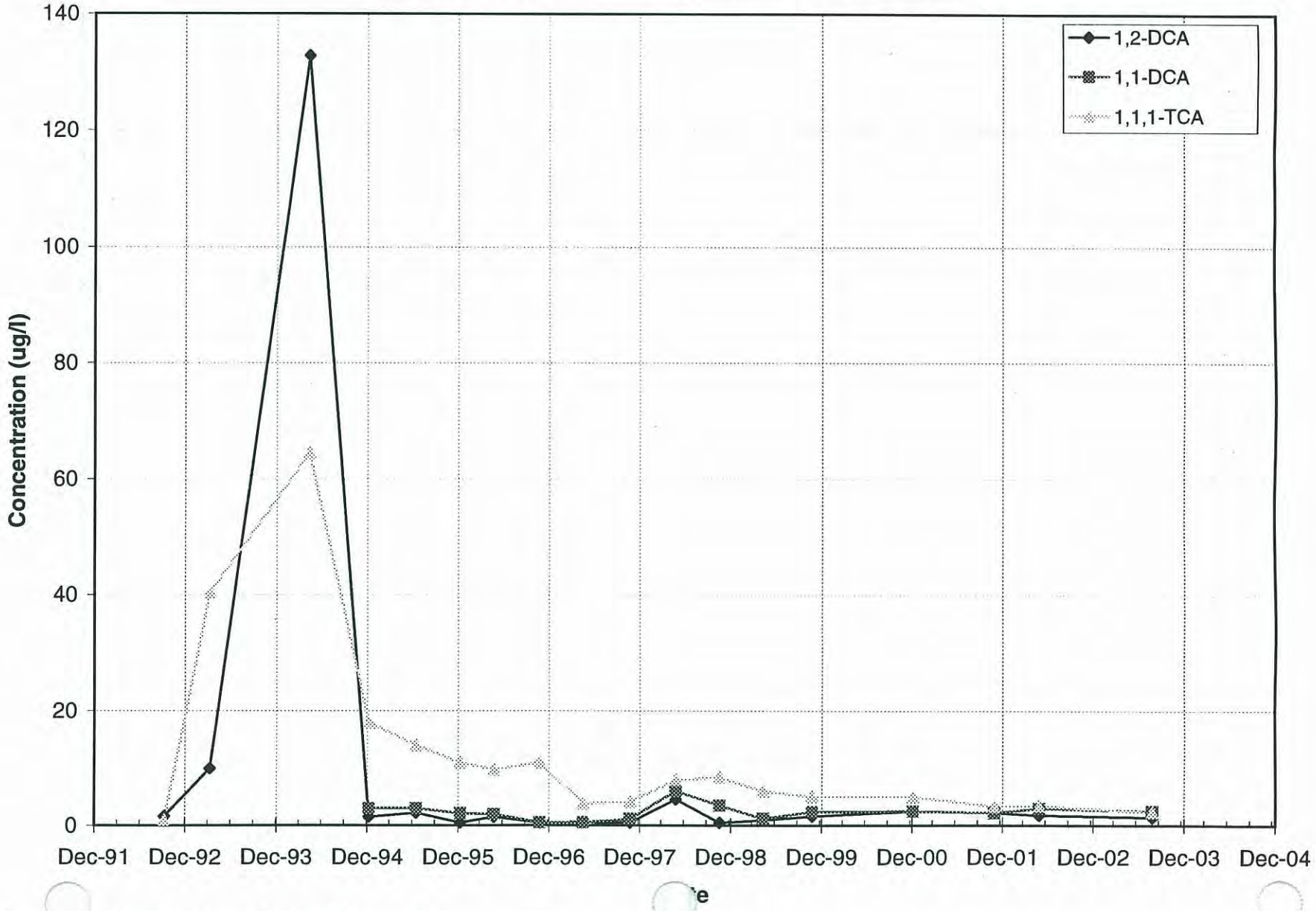
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-56B
1,1,1-TCA, 1,1-DCA and 1,2-DCA Concentrations



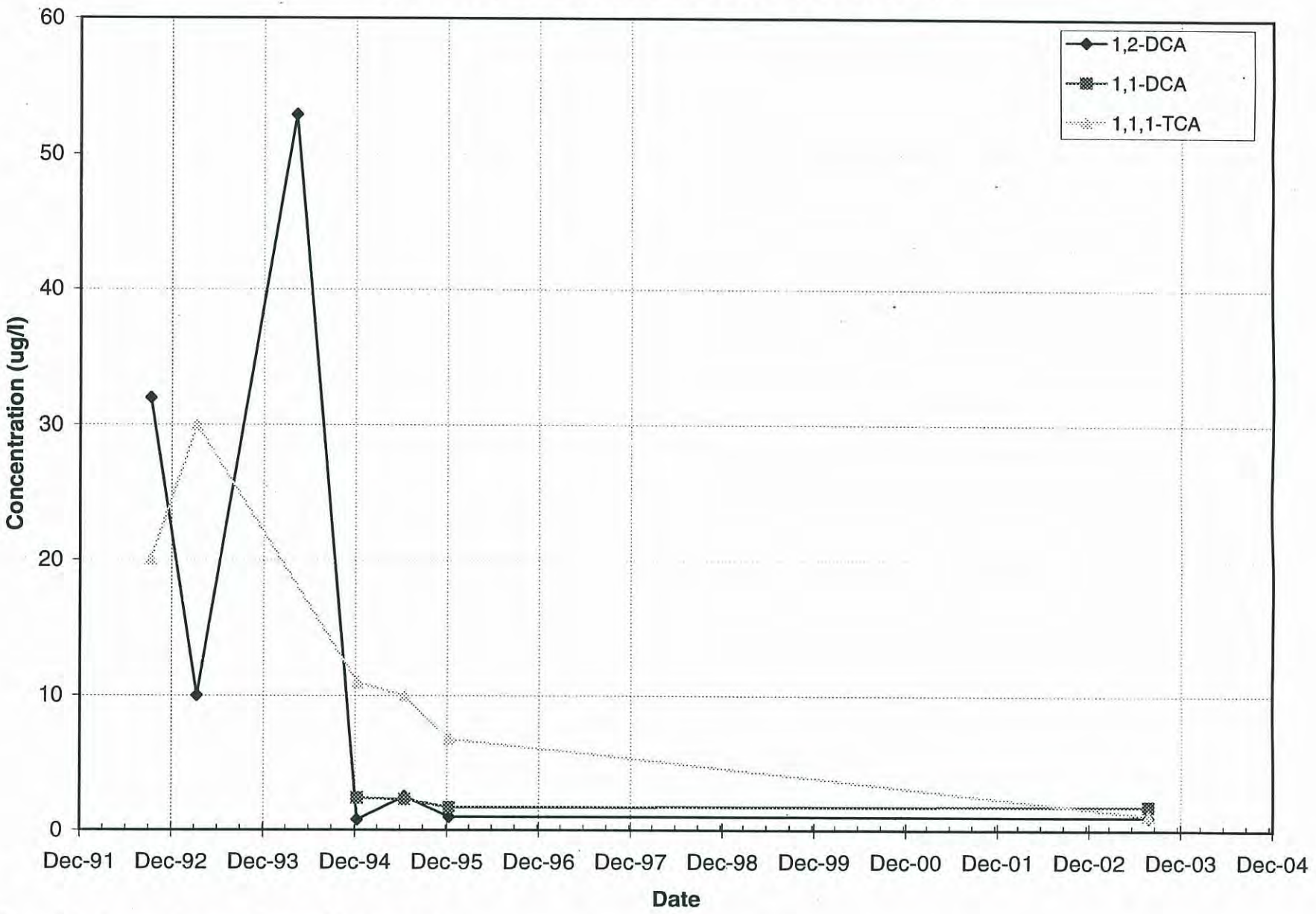
All non detects are set as zero for graphing purpose

Lockheed Martin Corporation
Beaumont Site 1, Well MW-56C
1,1,1-TCA, 1,1-DCA and 1,2-DCA Concentrations



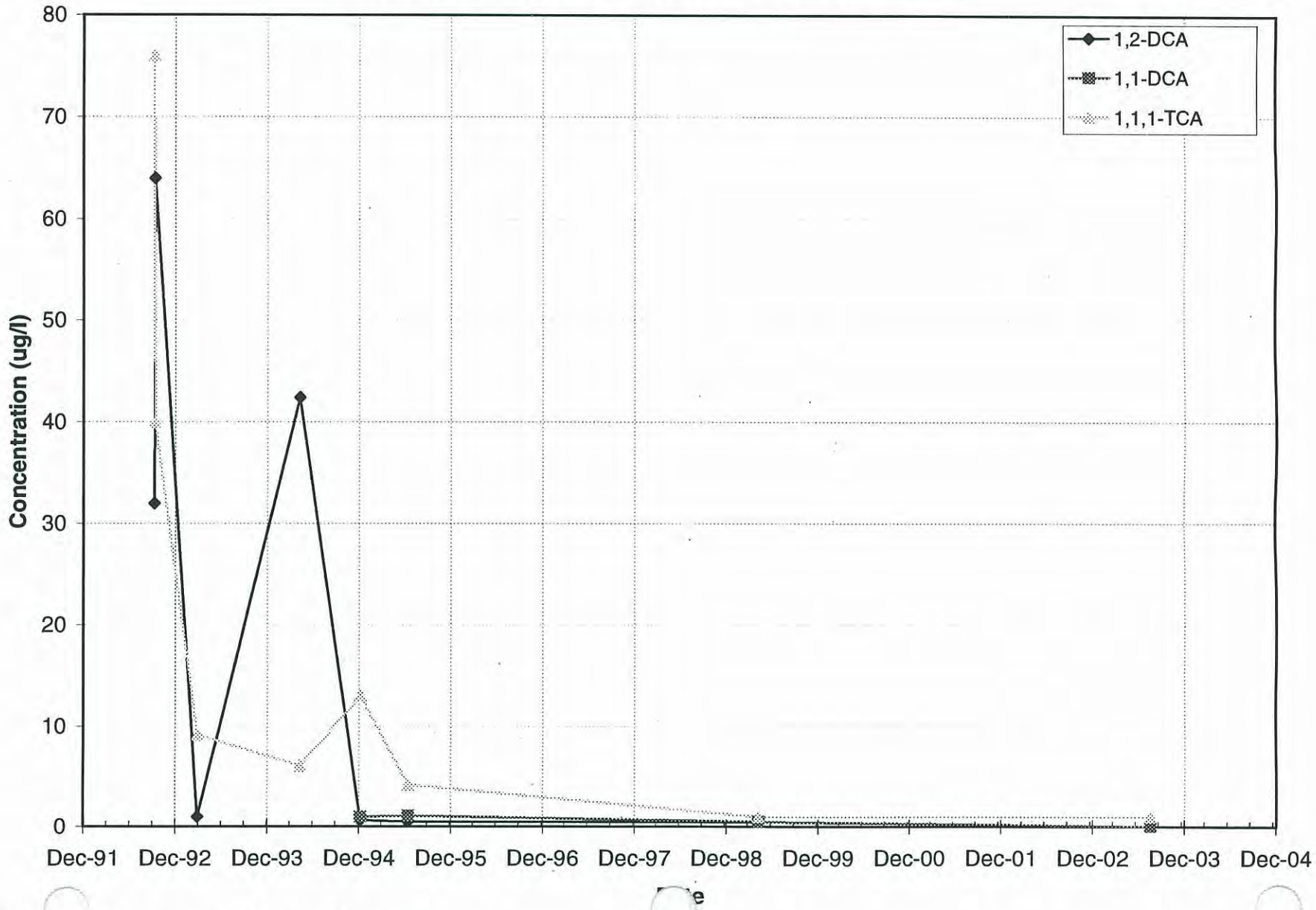
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-56D
1,1,1-TCA, 1,1-DCA and 1,2-DCA Concentrations



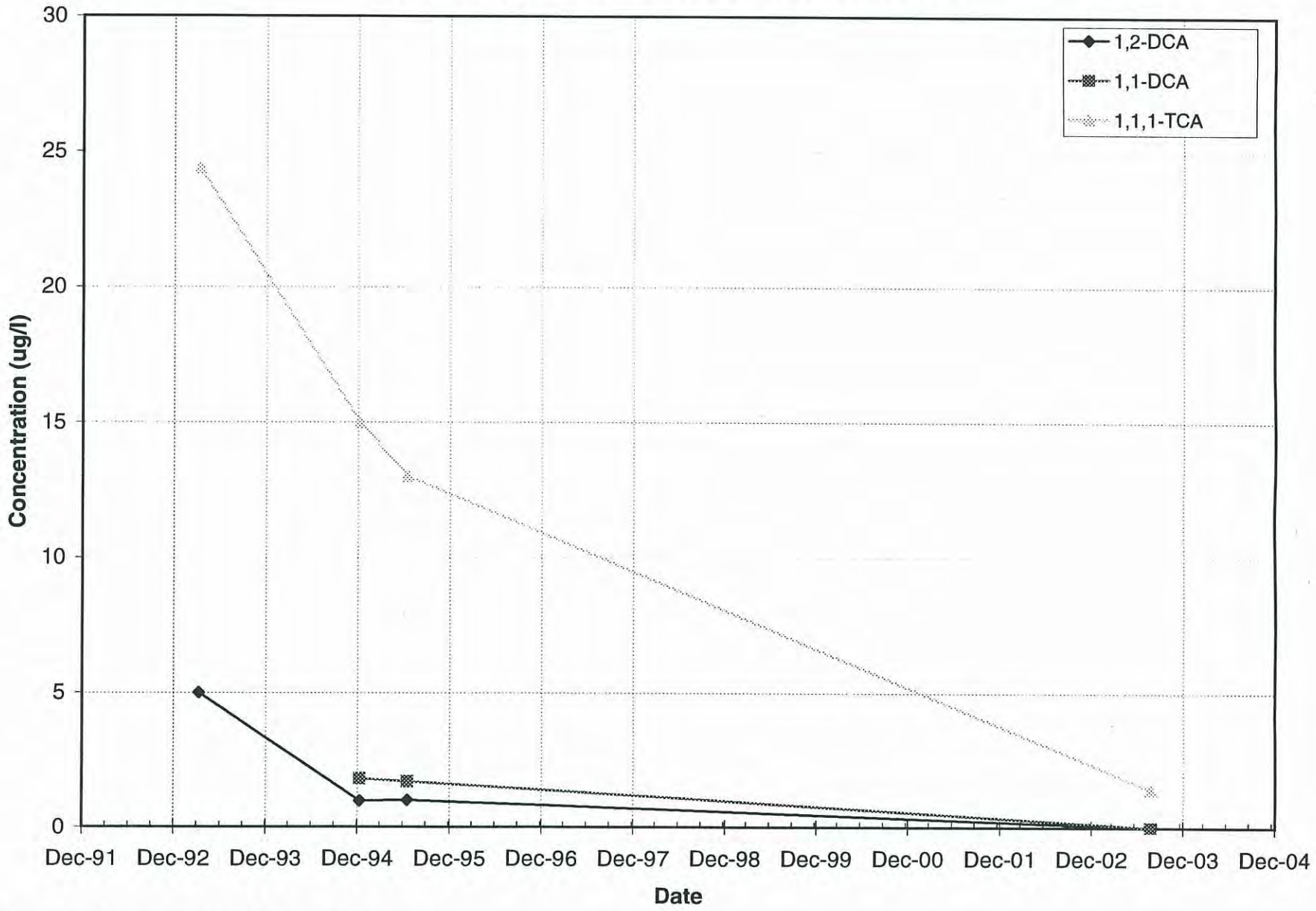
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-58A
1,1,1-TCA, 1,1-DCA and 1,2-DCA Concentrations



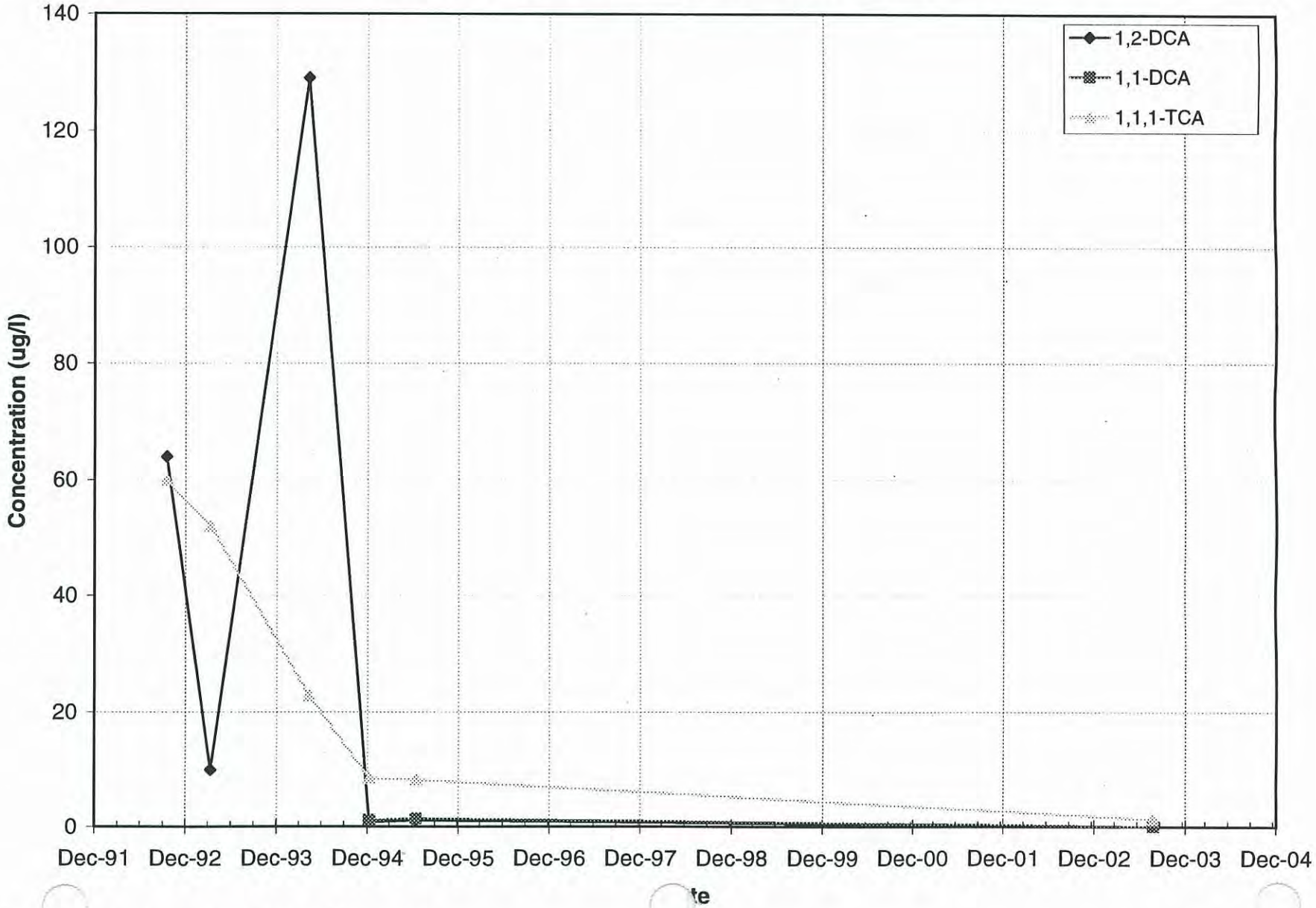
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-58B
1,1,1-TCA, 1,1-DCA and 1,2-DCA Concentrations



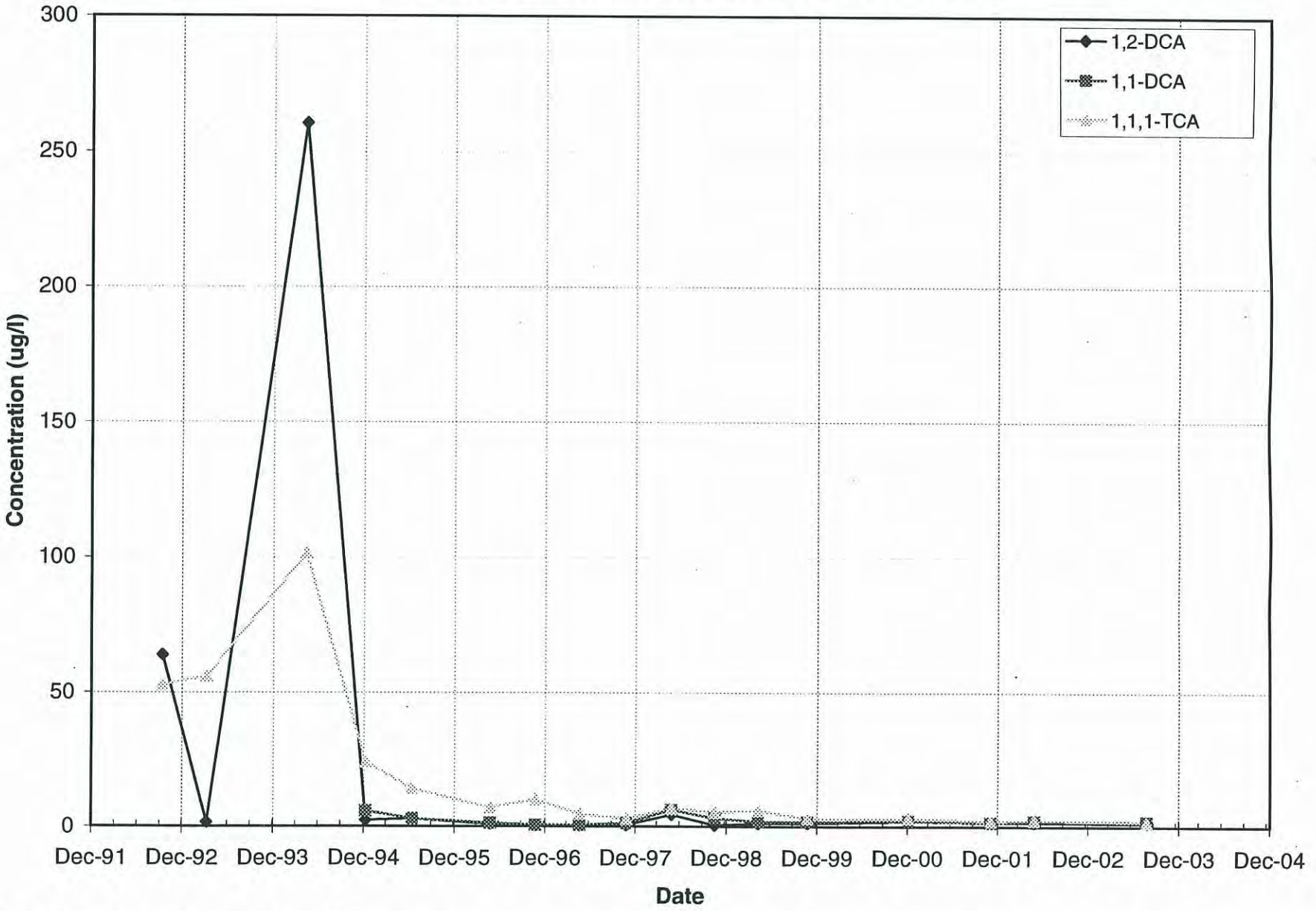
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-58C
1,1,1-TCA, 1,1-DCA and 1,2-DCA Concentrations



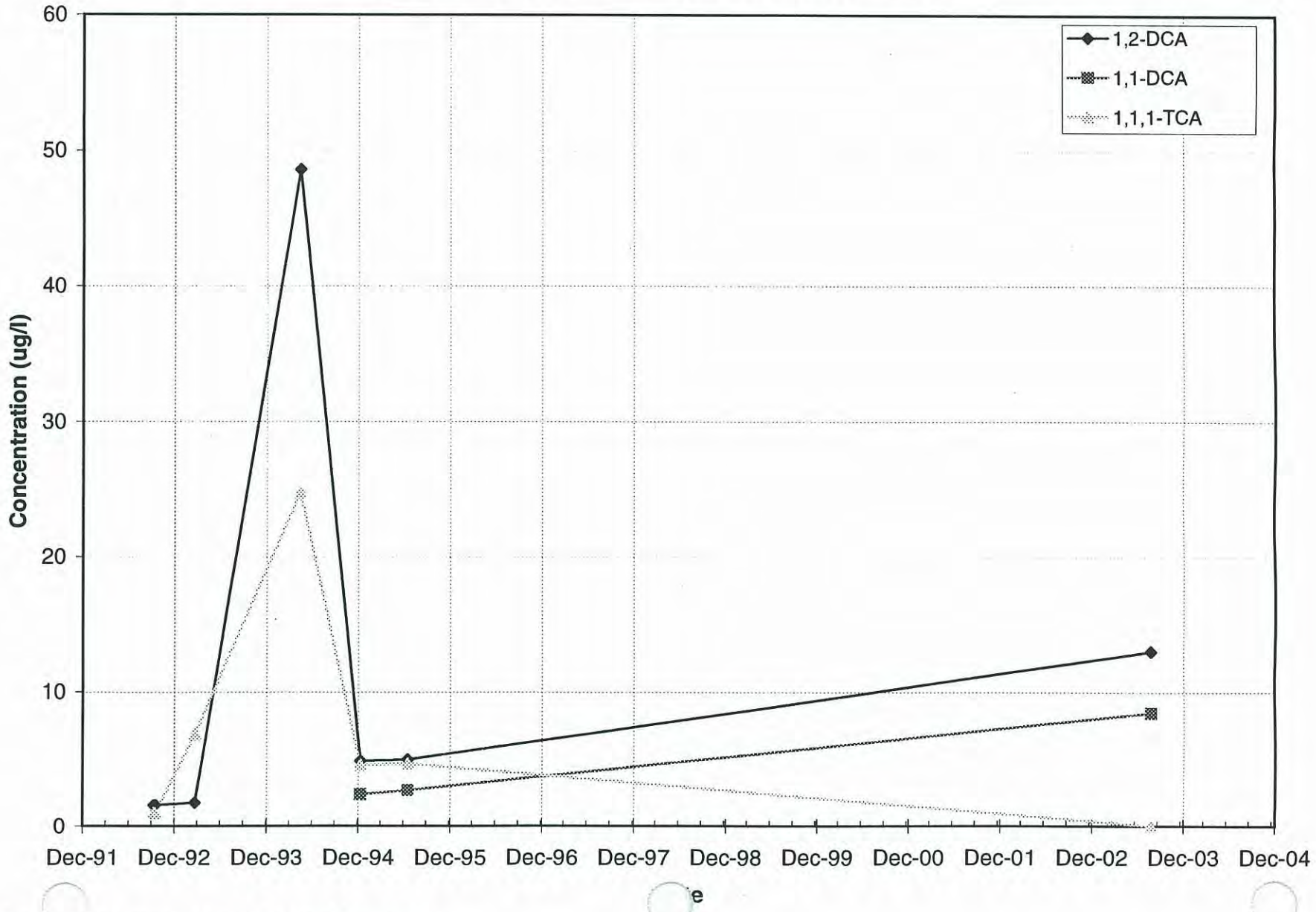
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-58D
1,1,1-TCA, 1,1-DCA and 1,2-DCA Concentrations



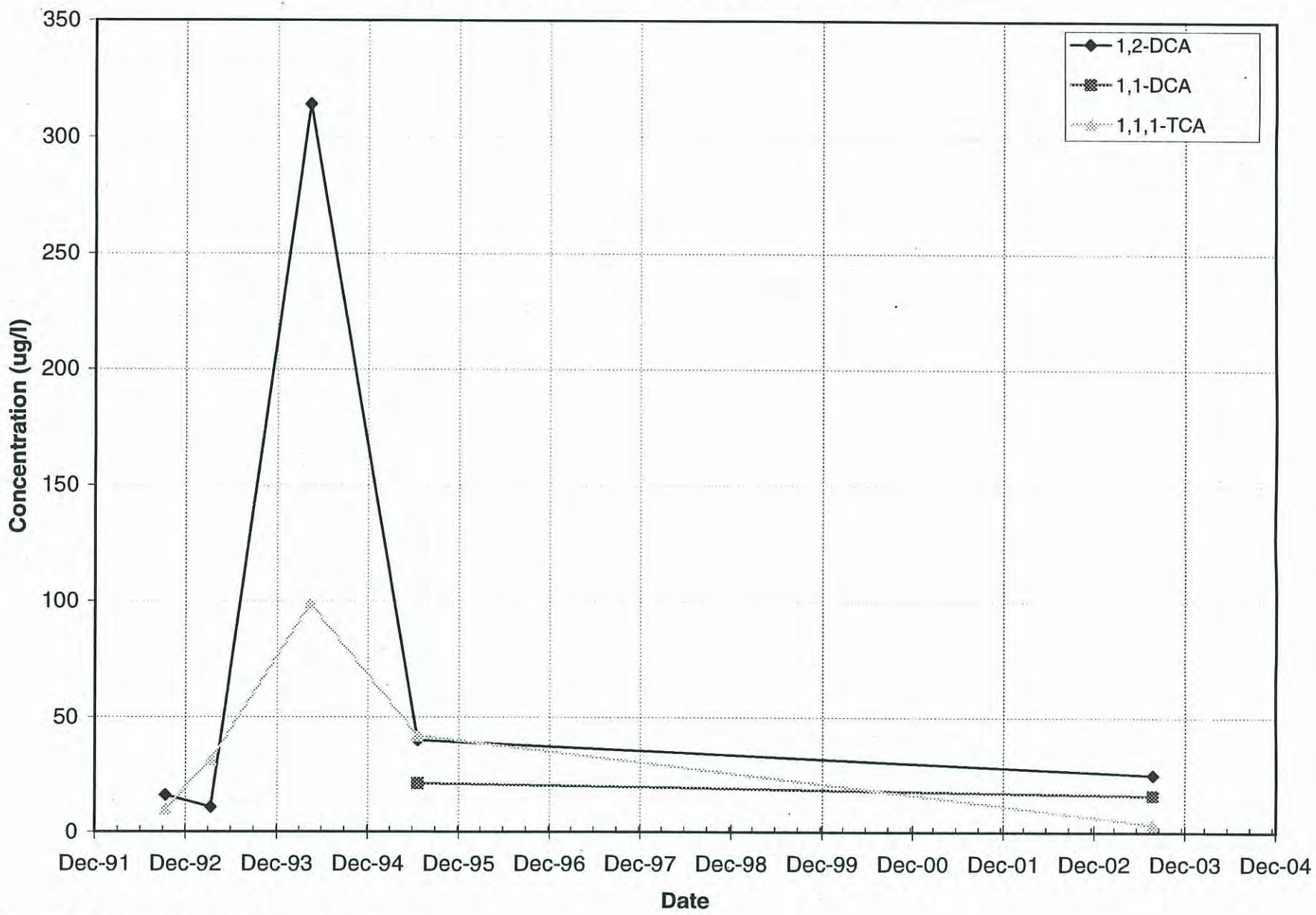
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-59C
1,1,1-TCA, 1,1-DCA and 1,2-DCA Concentrations



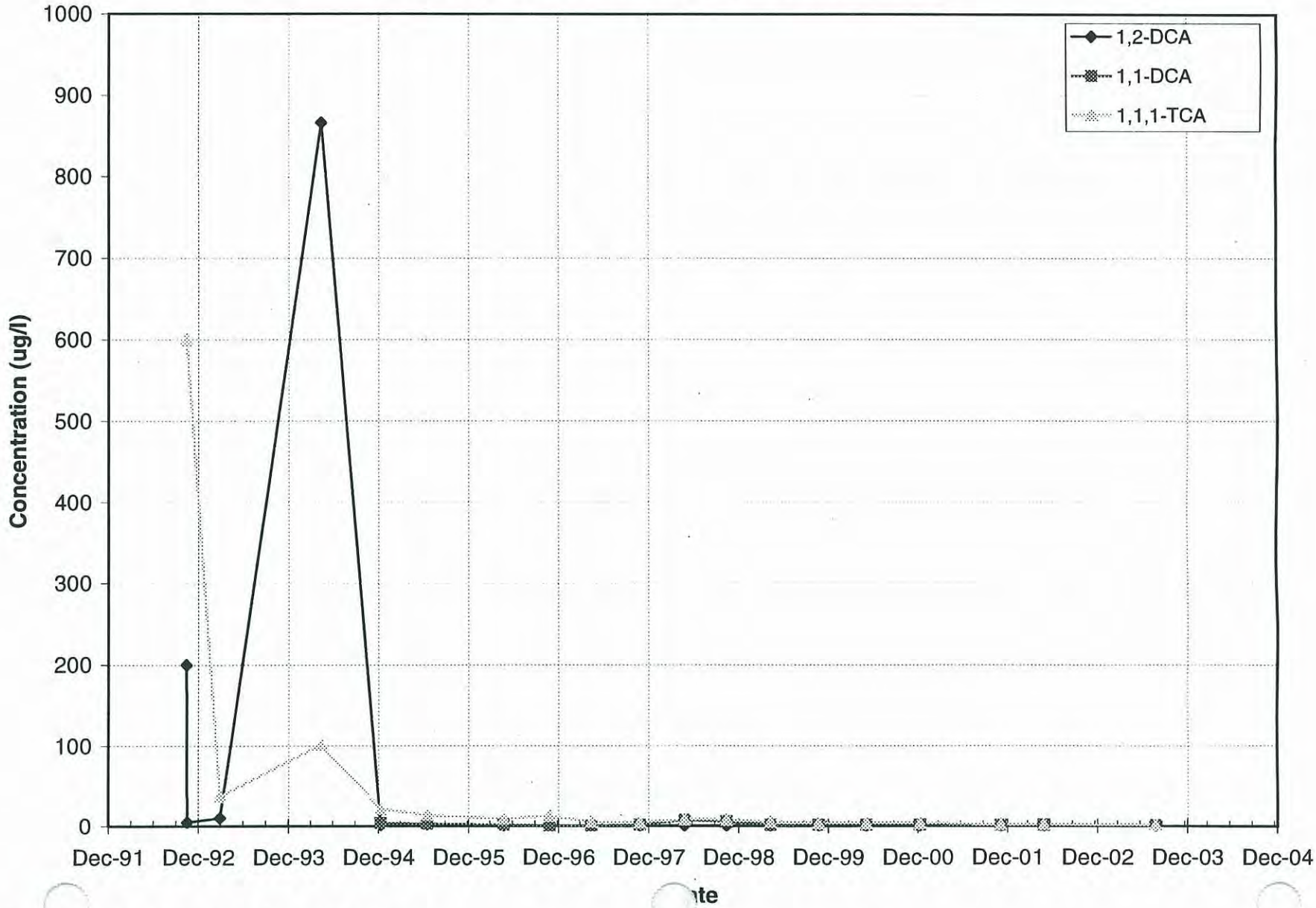
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-59D
1,1,1-TCA, 1,1-DCA and 1,2-DCA Concentrations



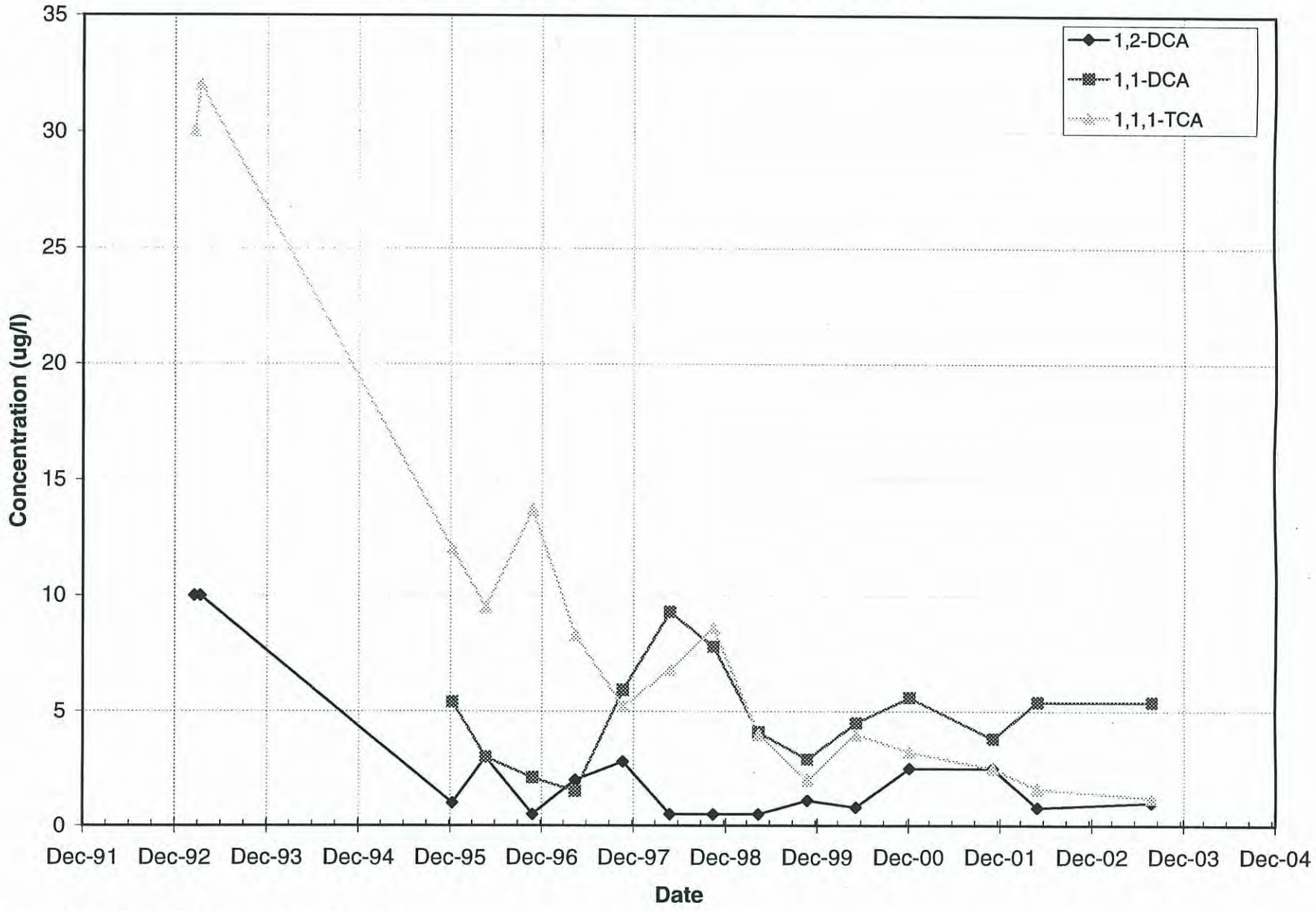
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-62A
1,1,1-TCA, 1,1-DCA and 1,2-DCA Concentrations



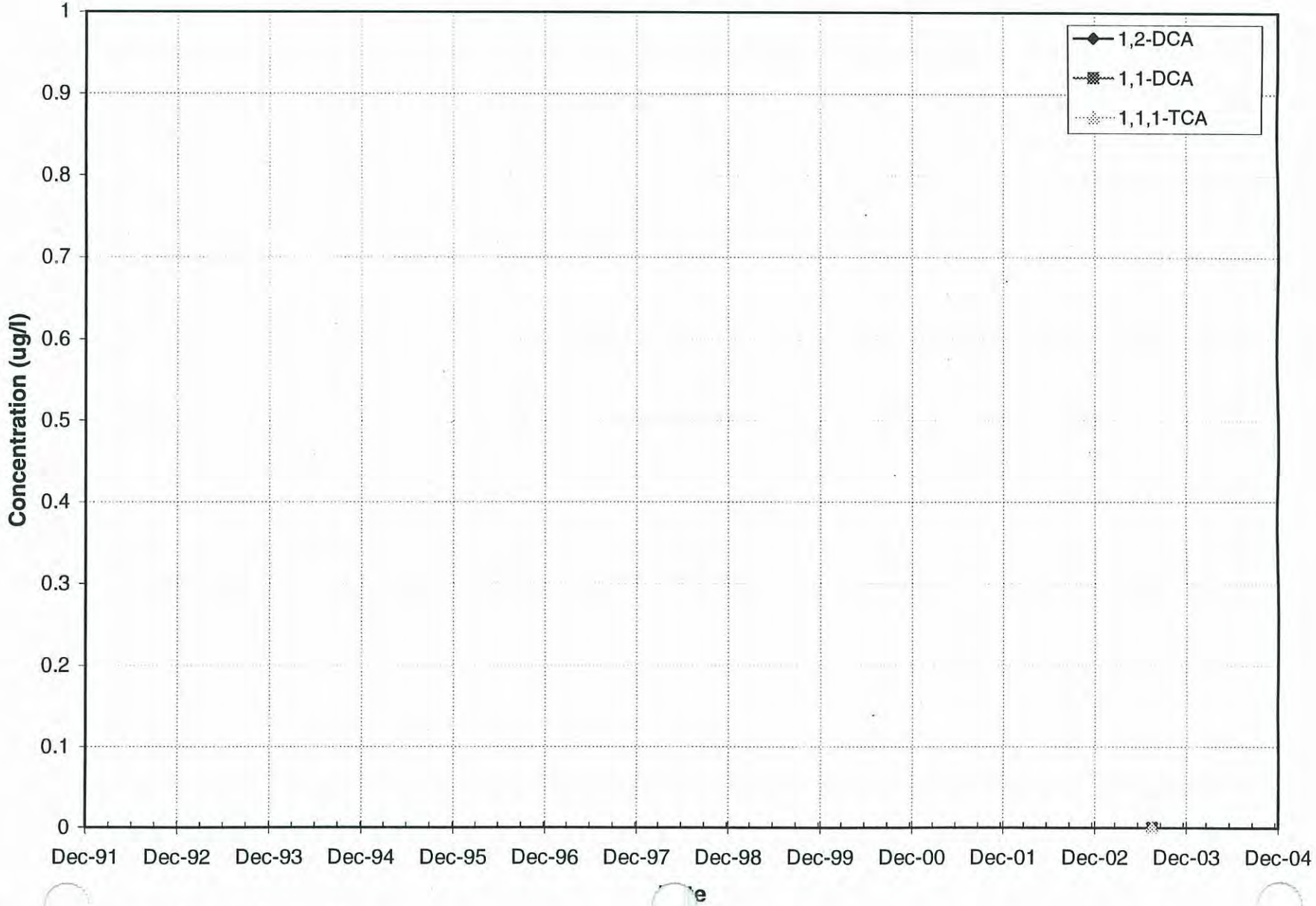
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-66
1,1,1-TCA, 1,1-DCA and 1,2-DCA Concentrations



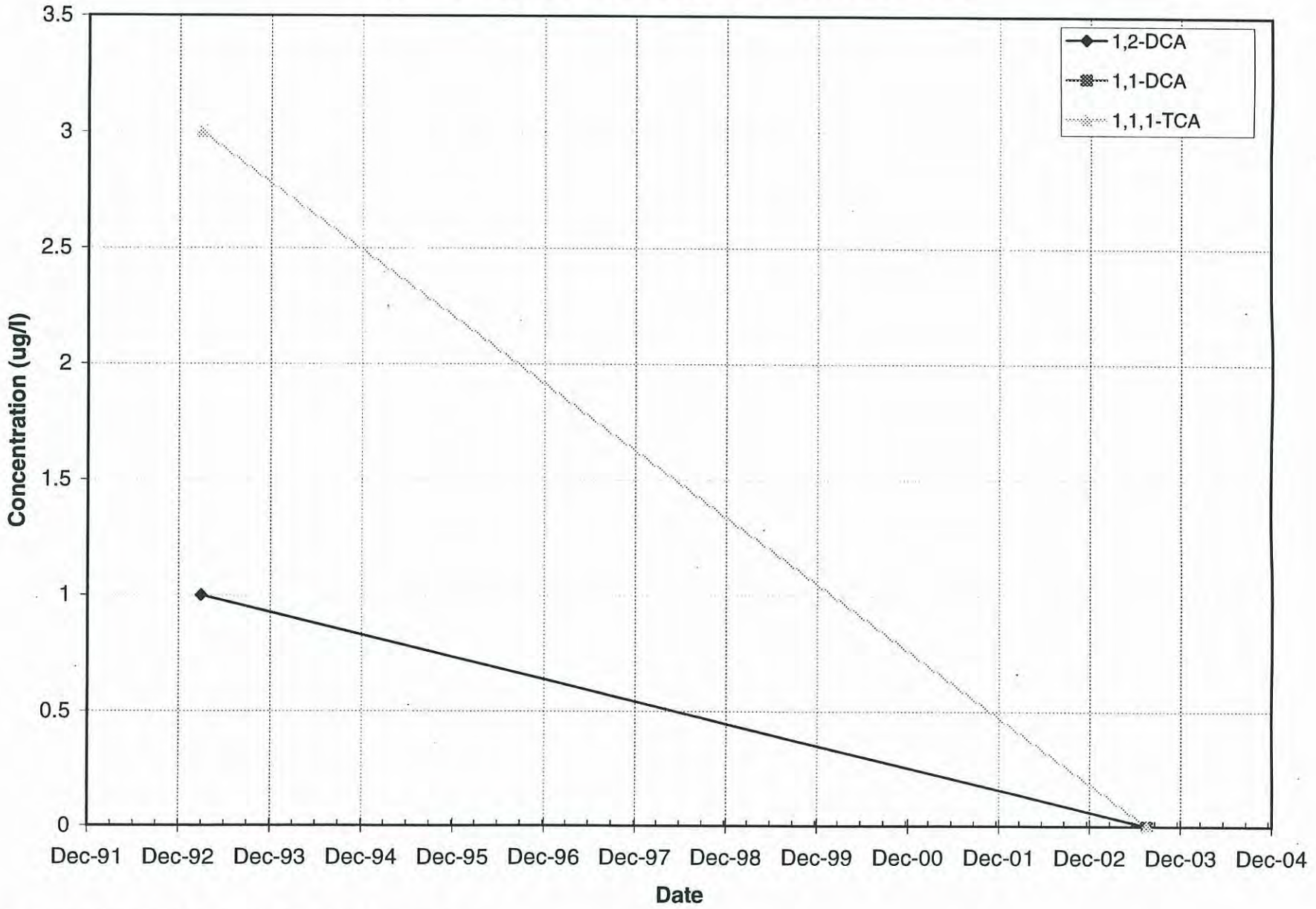
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-67
1,1,1-TCA, 1,1-DCA and 1,2-DCA Concentrations



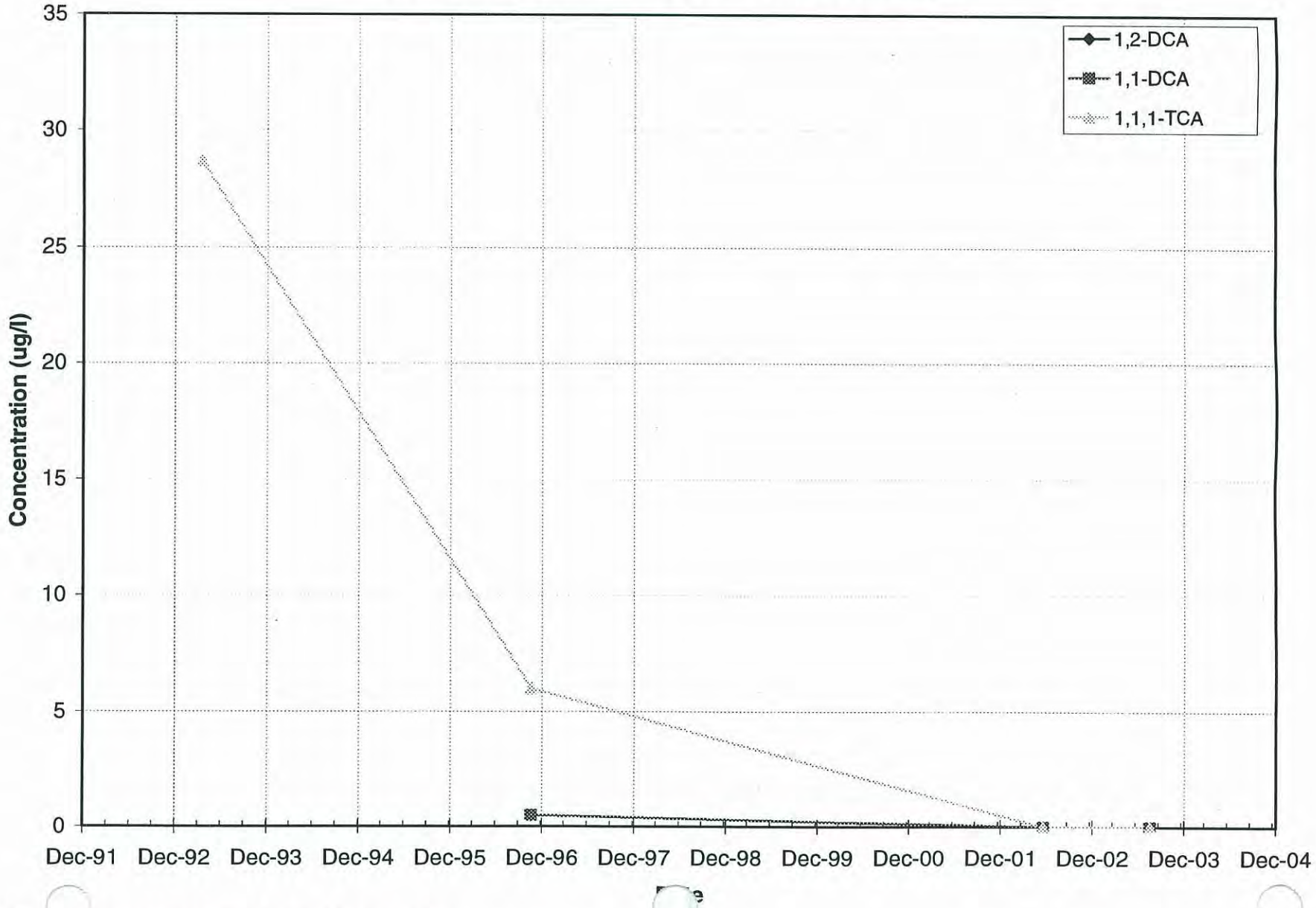
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well OW-01
1,1,1-TCA, 1,1-DCA and 1,2-DCA Concentrations



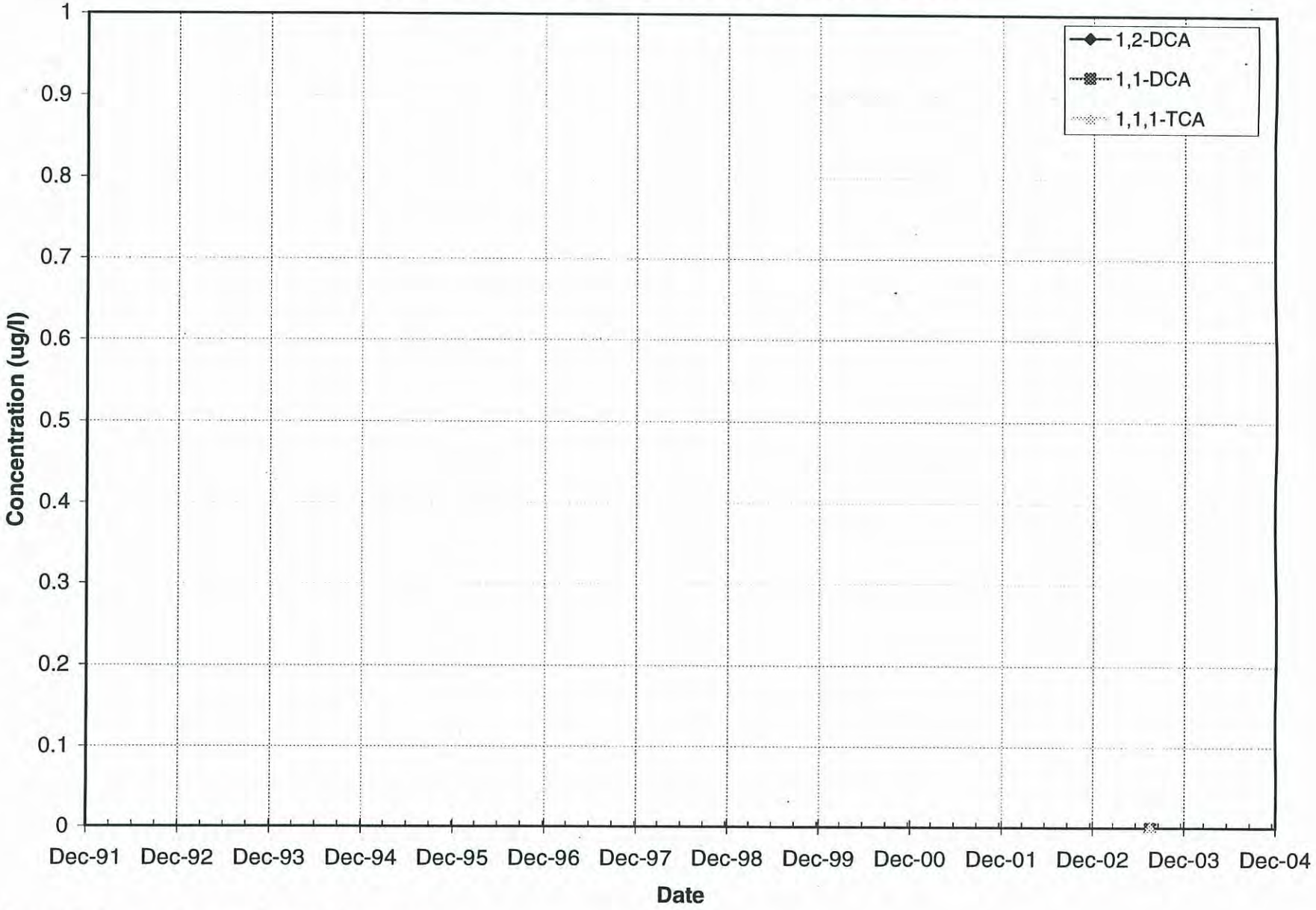
All non detects are set as zero for graphing purpose

Lockheed Martin Corporation
Beaumont Site 1, Well OW-02
1,1,1-TCA, 1,1-DCA and 1,2-DCA Concentrations



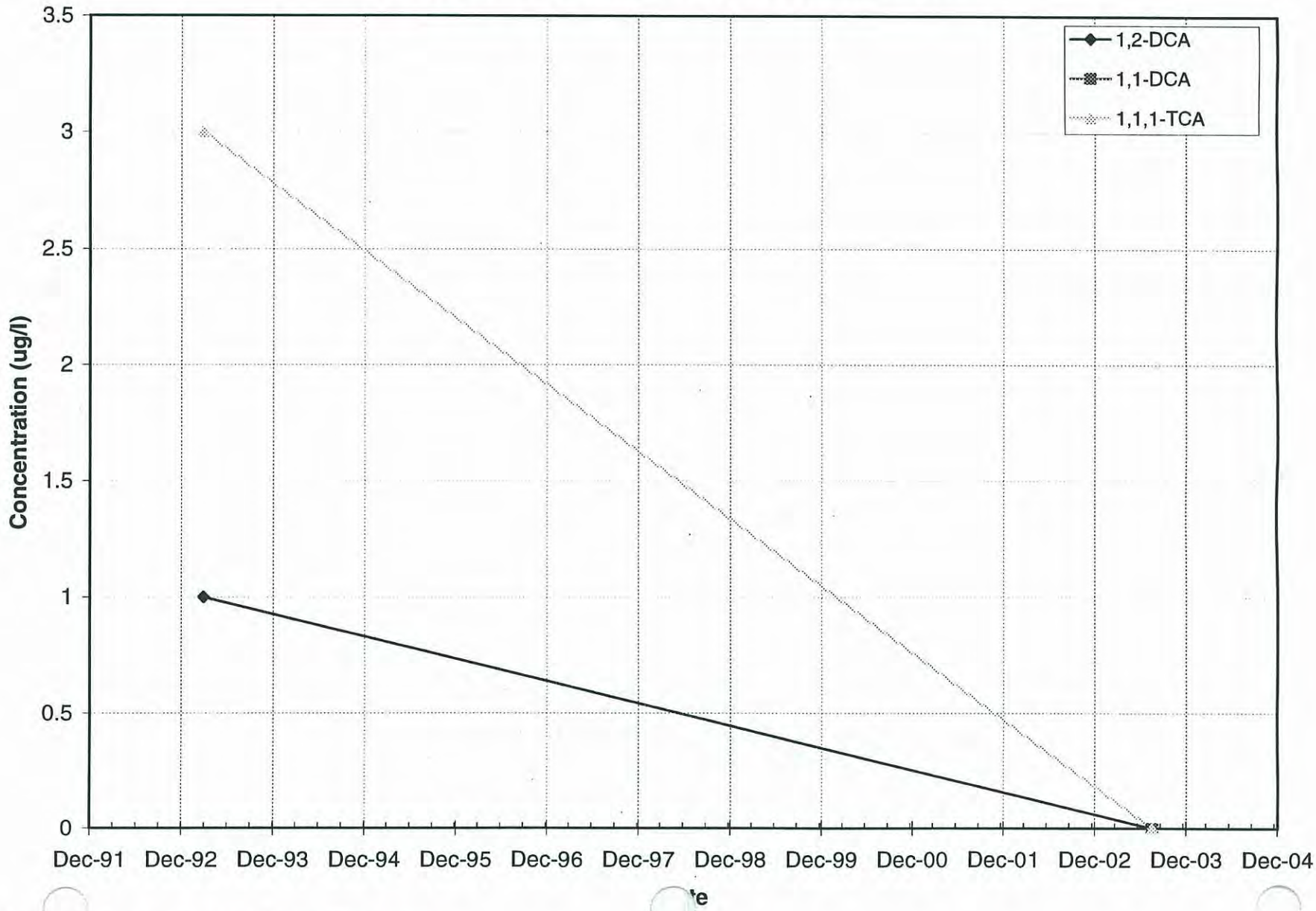
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well OW-08
1,1,1-TCA, 1,1-DCA and 1,2-DCA Concentrations



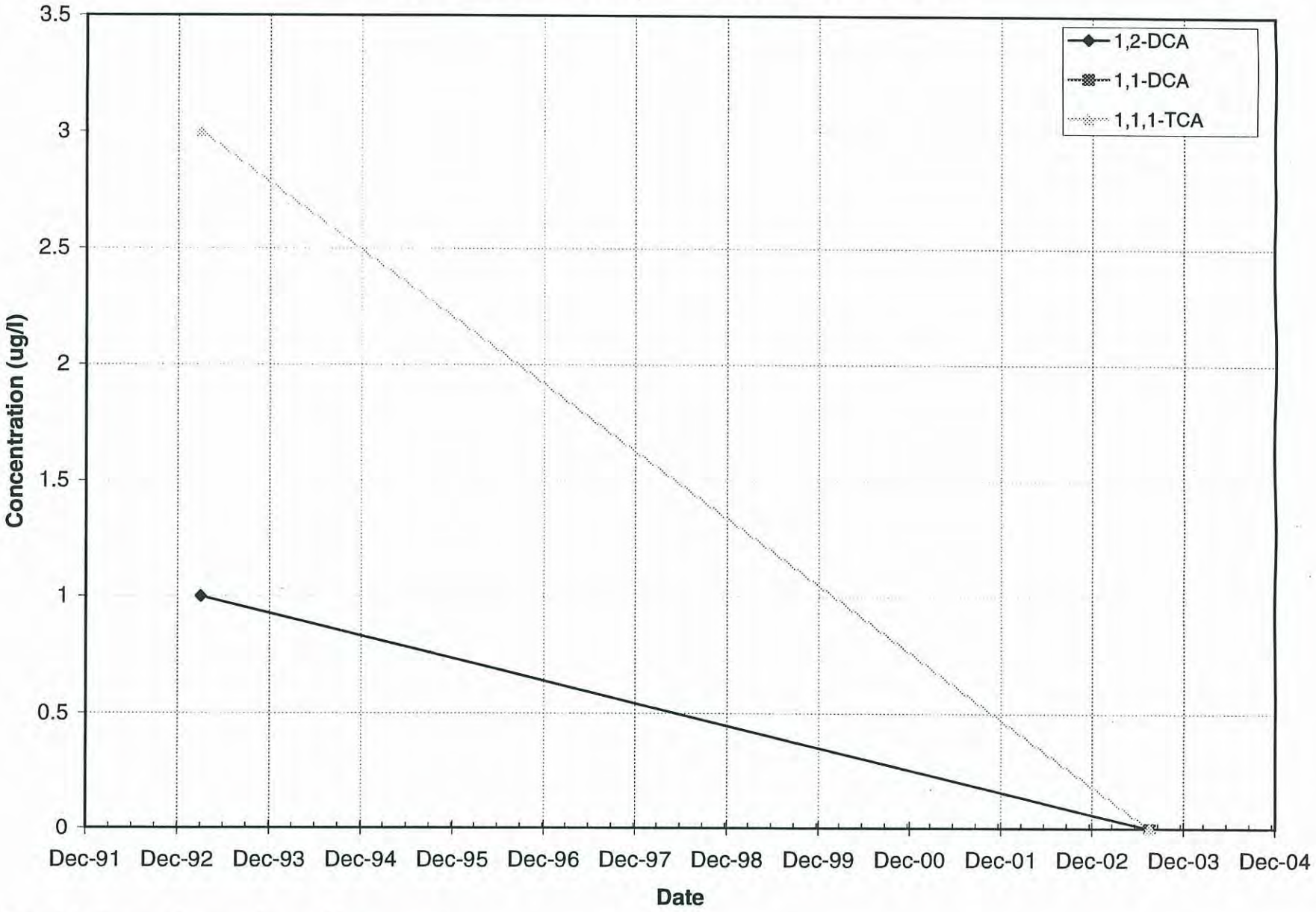
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well P-02
1,1,1-TCA, 1,1-DCA and 1,2-DCA Concentrations



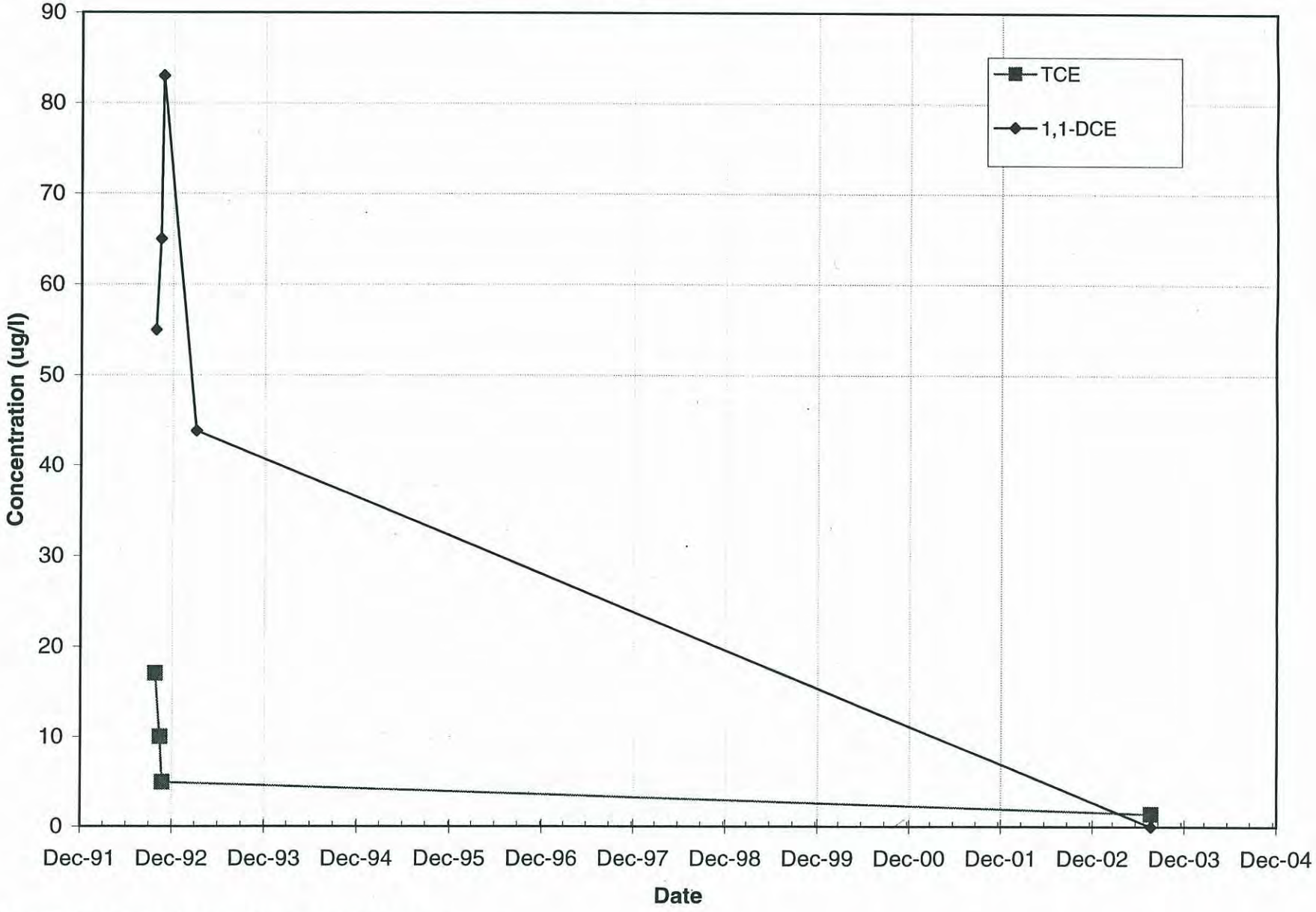
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well P-04
1,1,1-TCA, 1,1-DCA and 1,2-DCA Concentrations



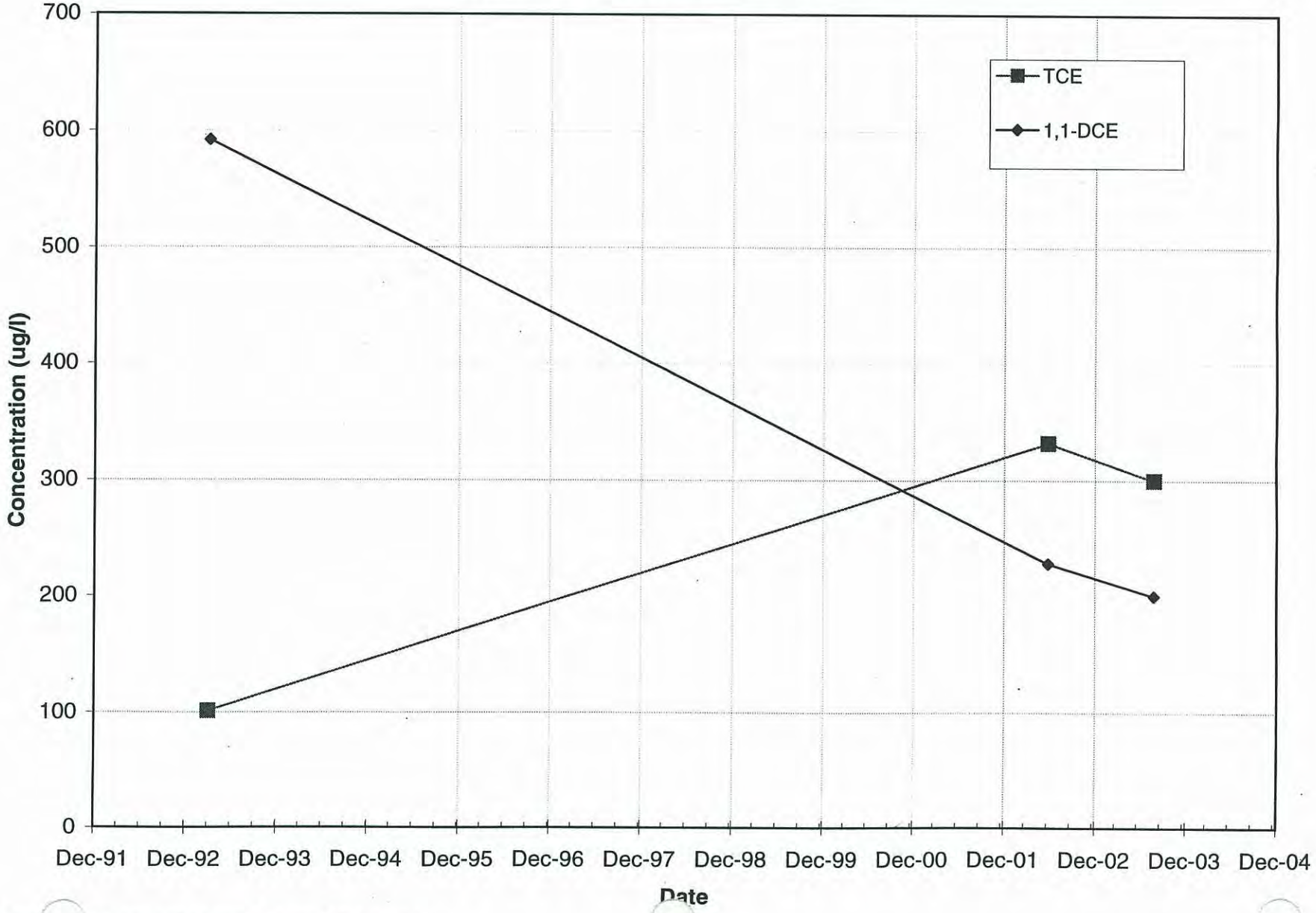
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well IW-04
TCE and 1,1-DCE Concentrations



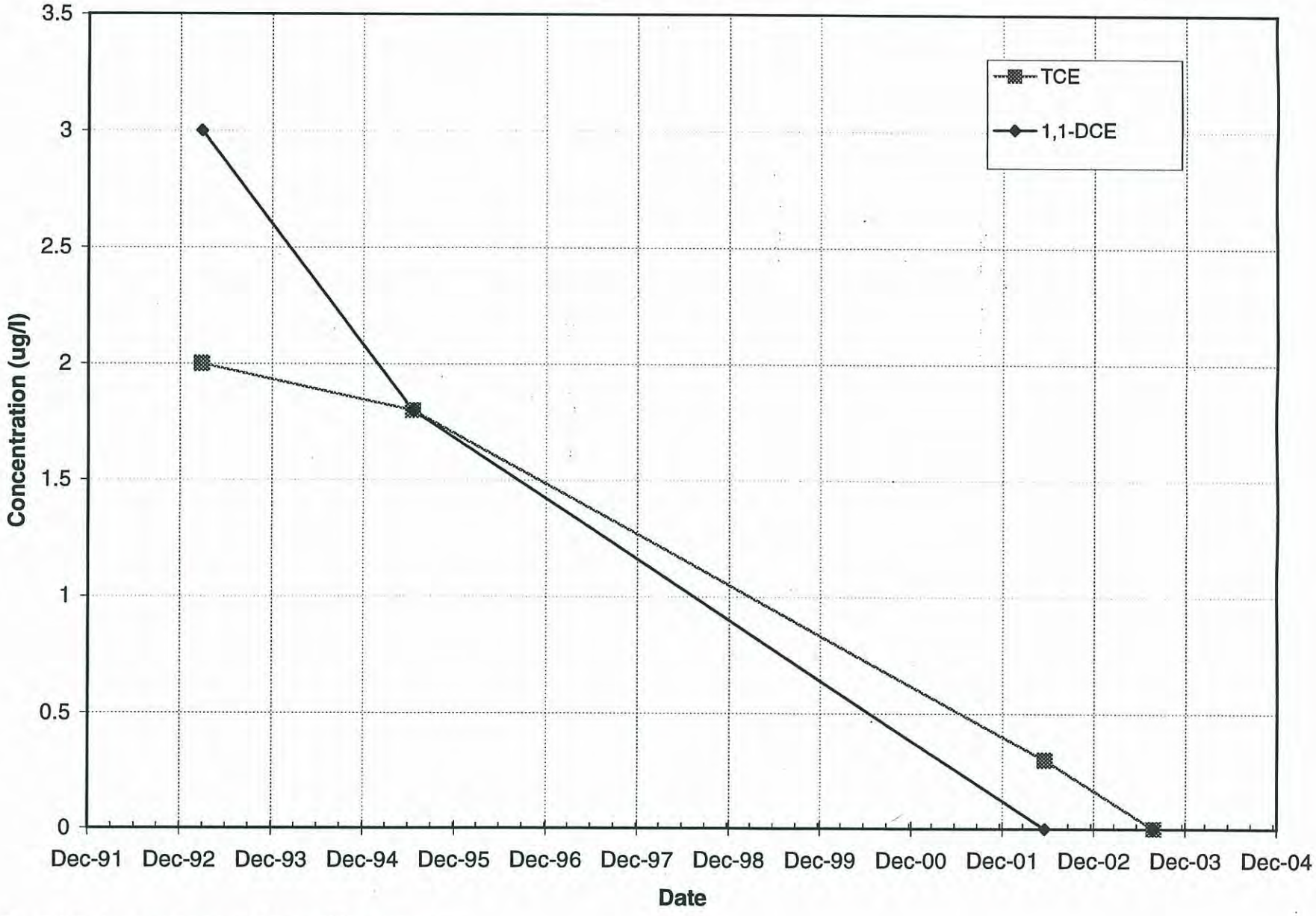
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-01
TCE and 1,1-DCE Concentrations



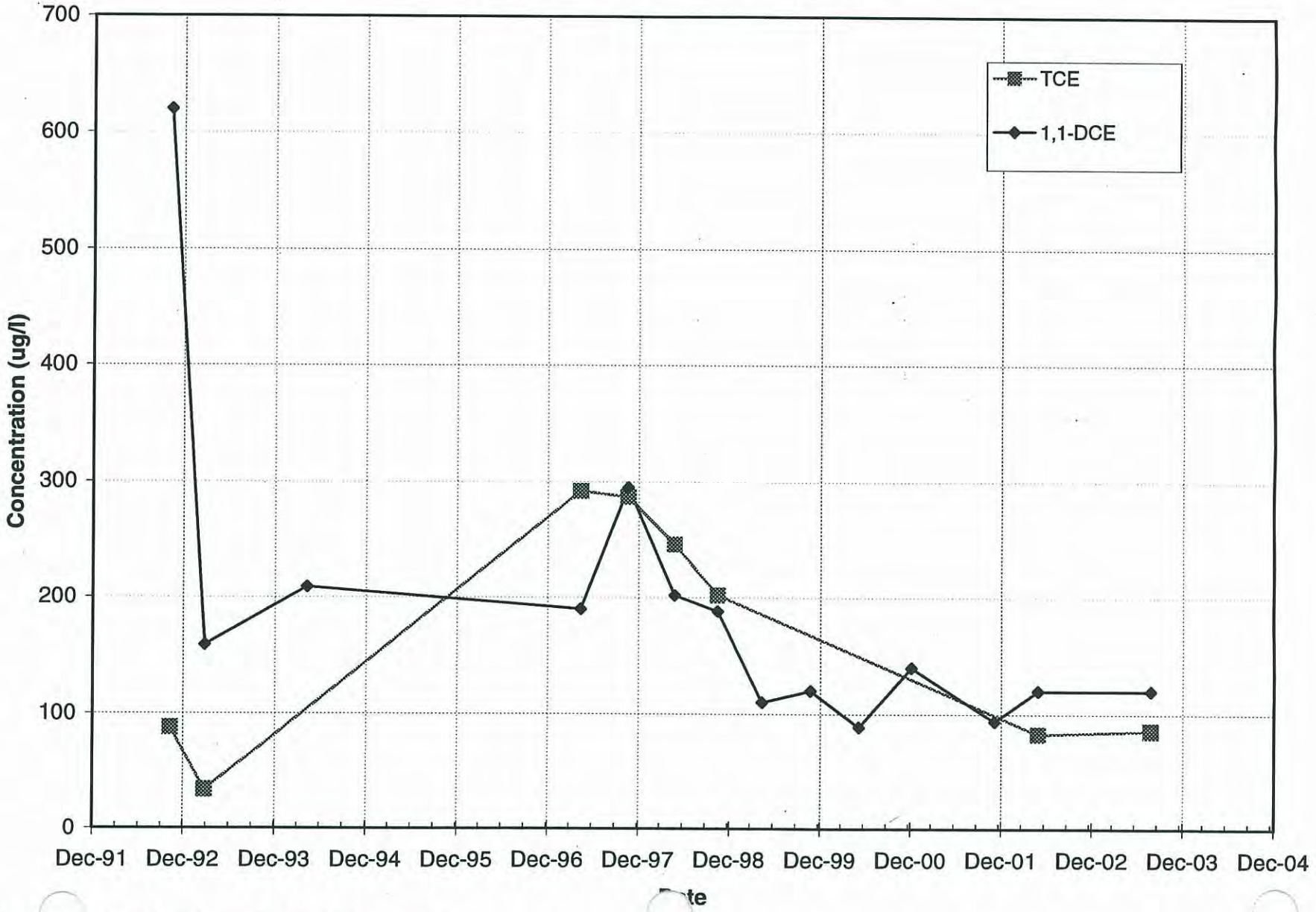
All non-detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-03
TCE and 1,1-DCE Concentrations



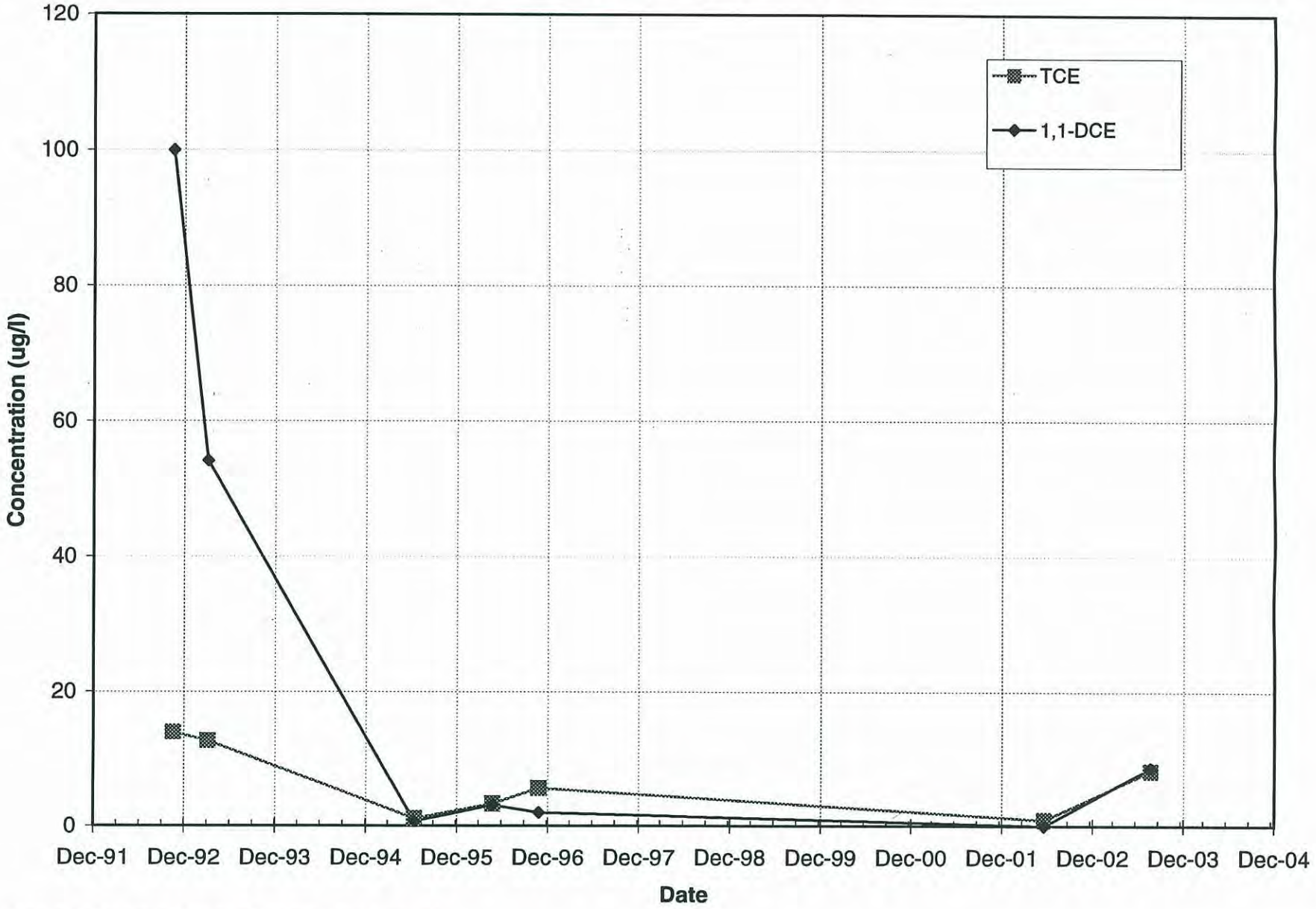
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-05
TCE and 1,1-DCE Concentrations



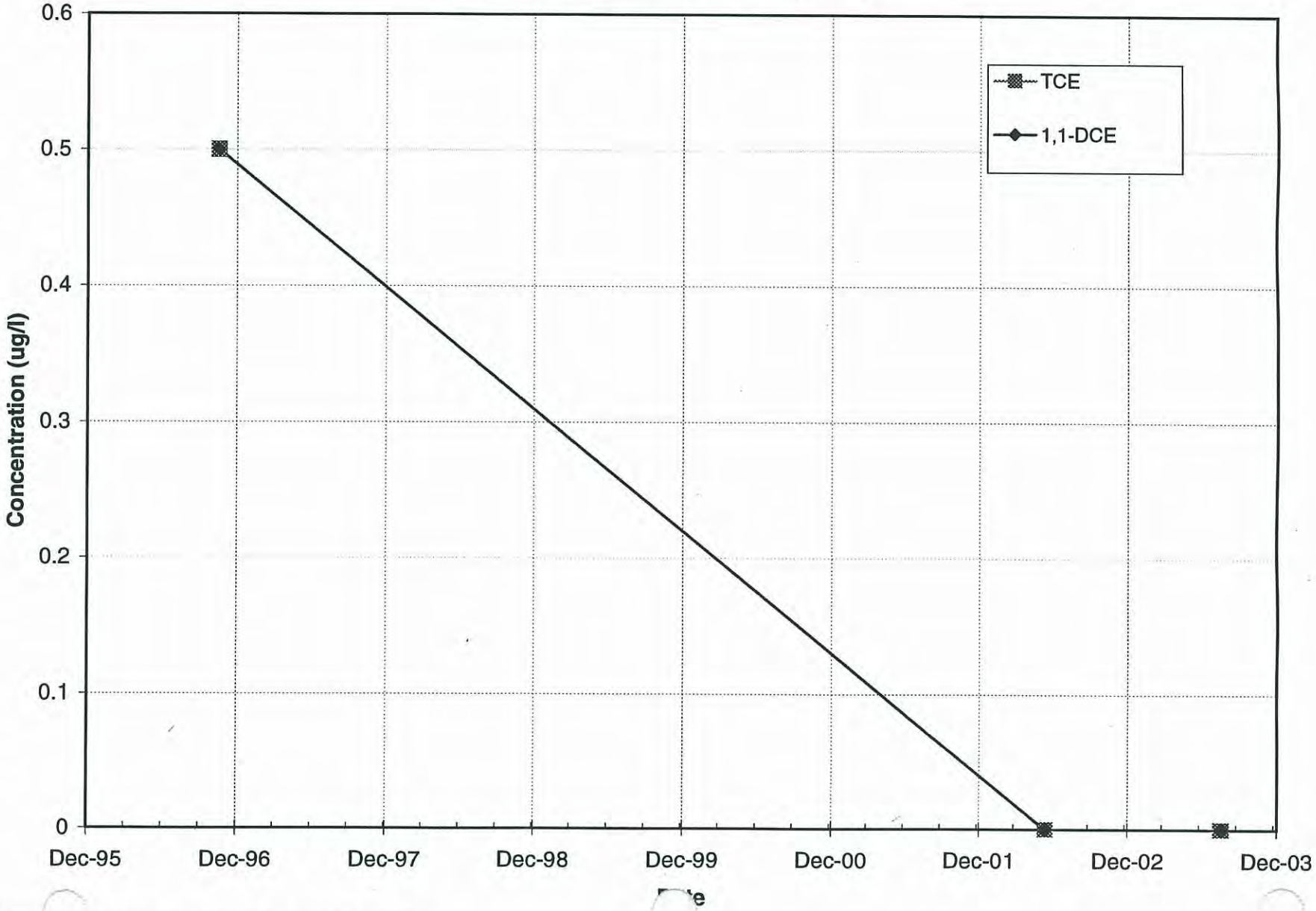
All non-detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-06
TCE and 1,1-DCE Concentrations



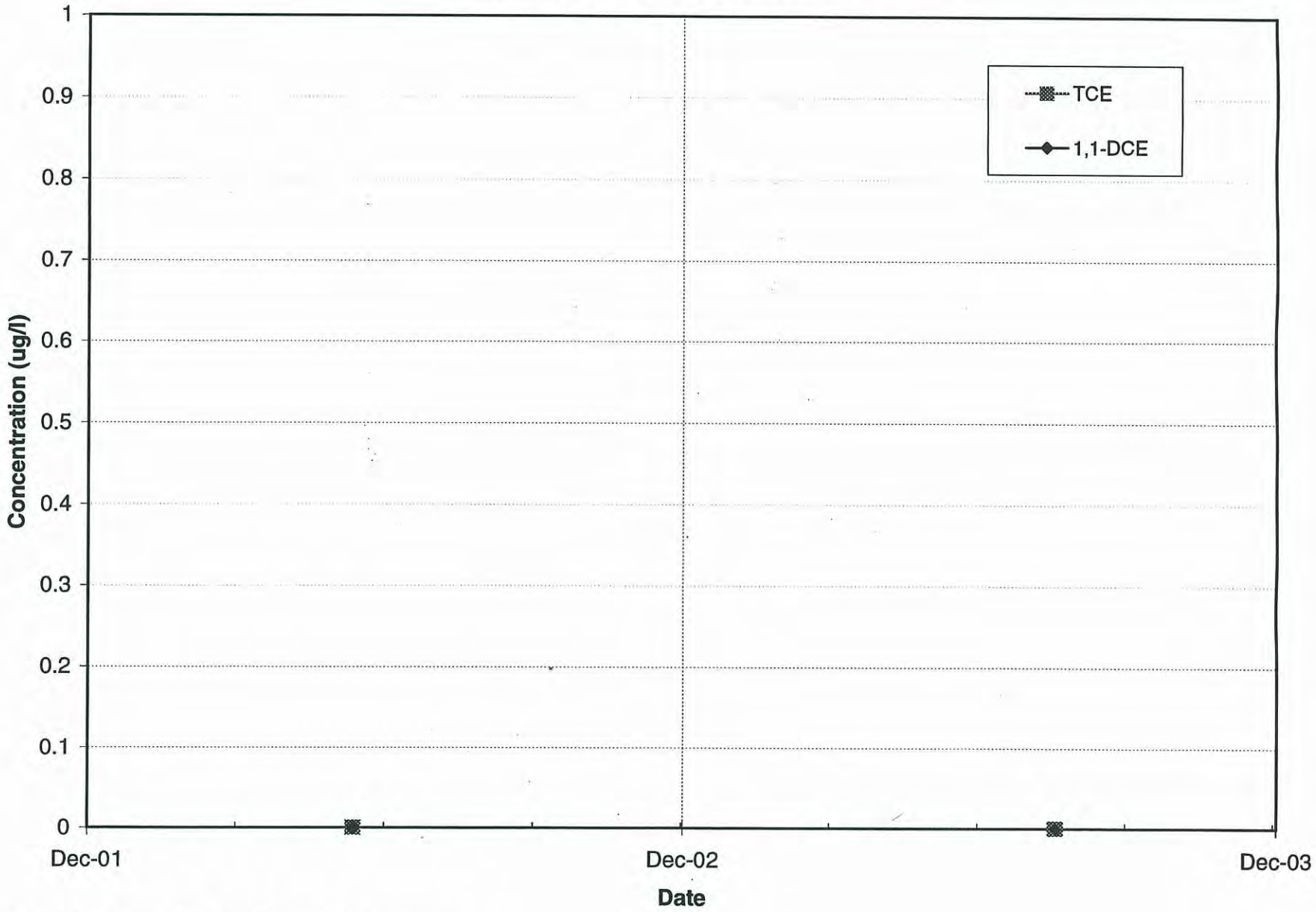
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-08
TCE and 1,1-DCE Concentrations



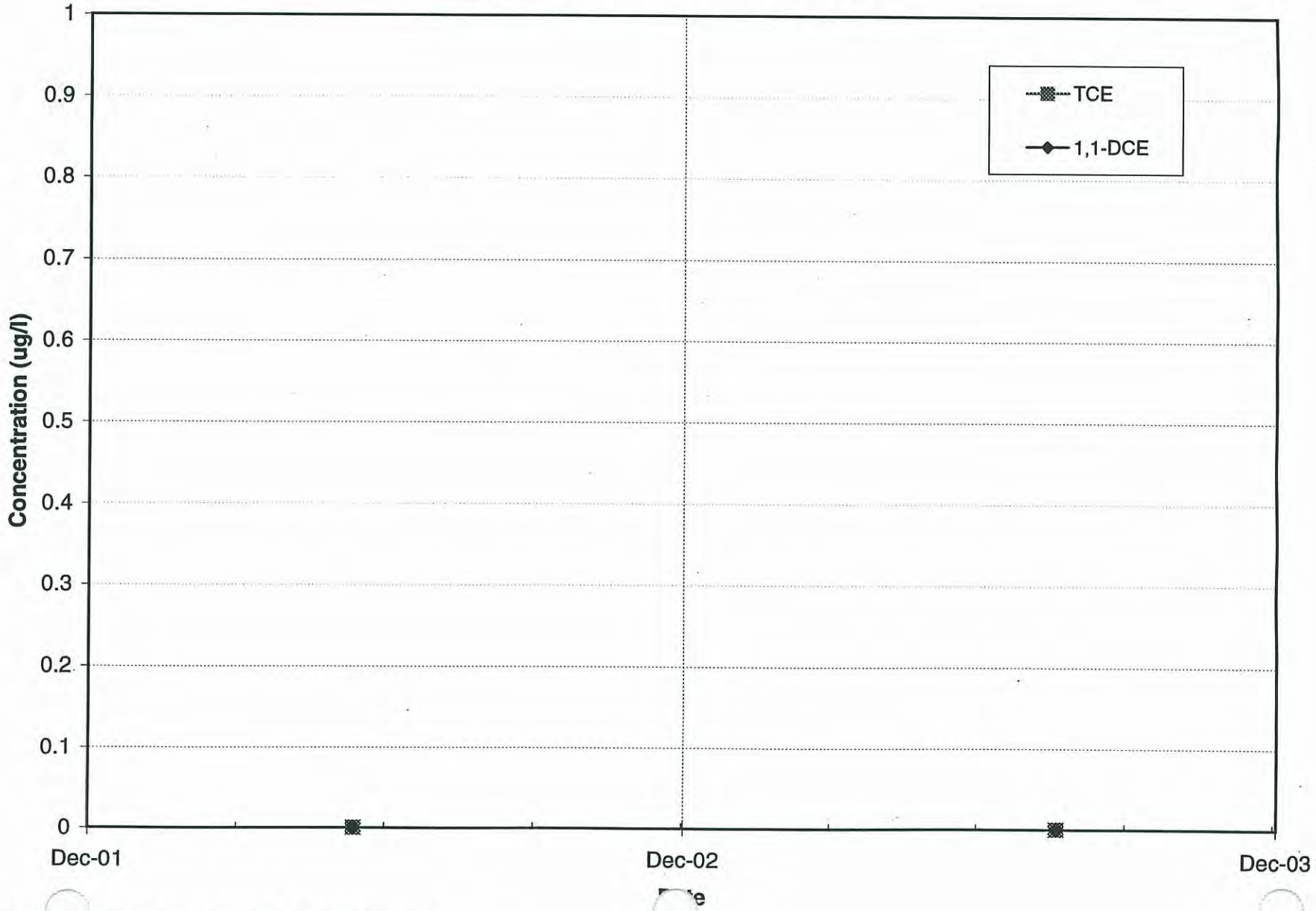
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-09
TCE and 1,1-DCE Concentrations



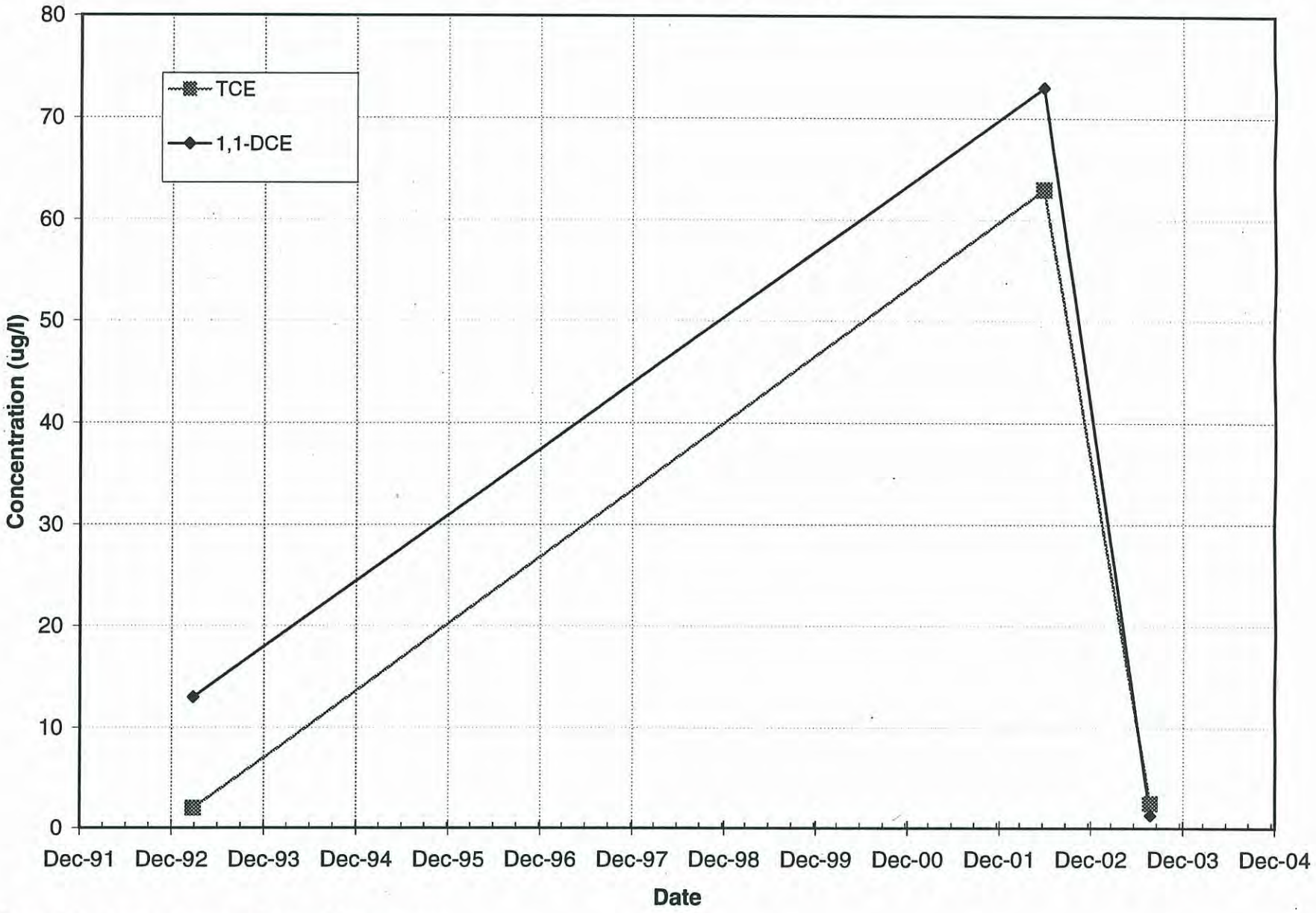
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-12
TCE and 1,1-DCE Concentrations



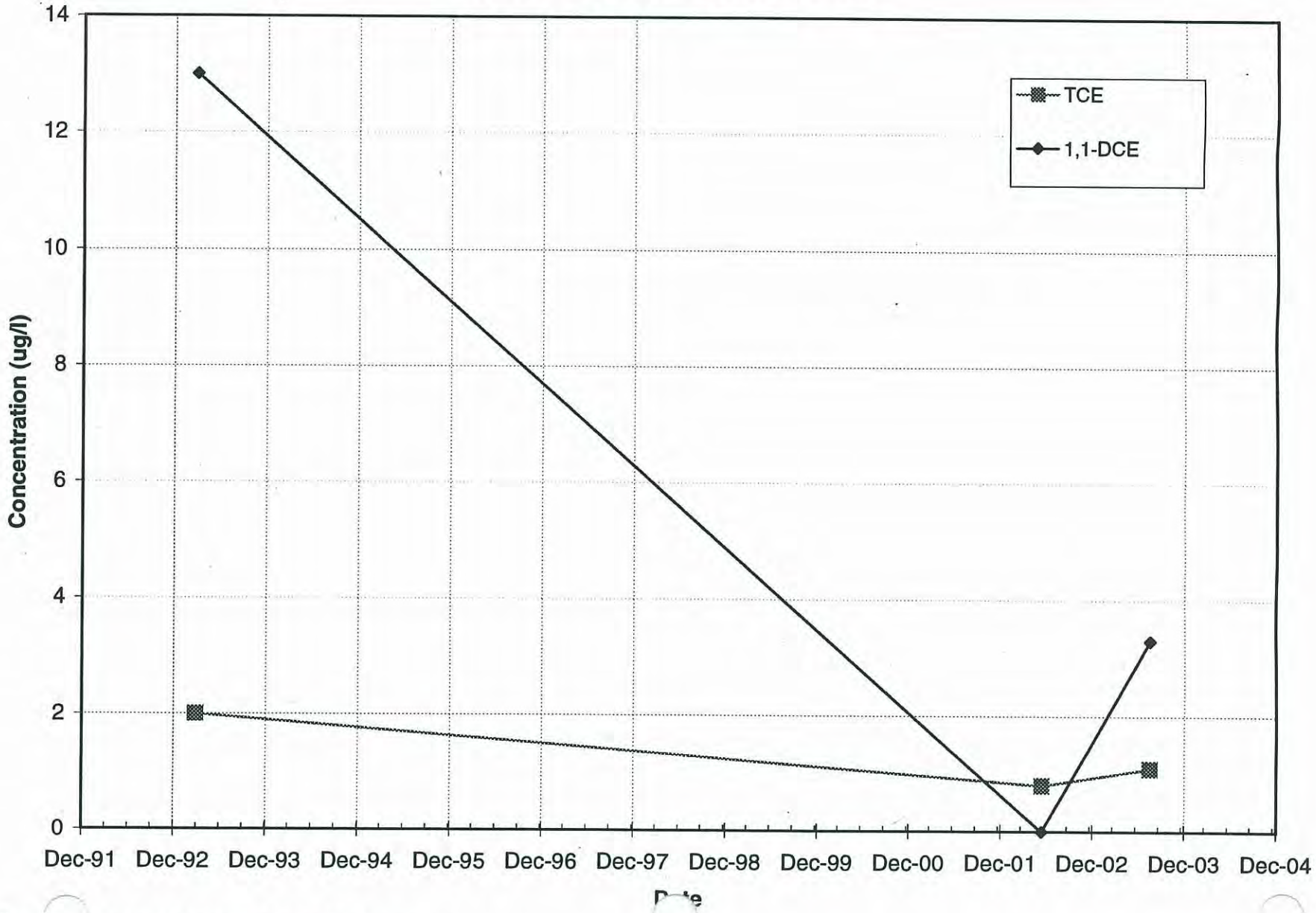
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-13
TCE and 1,1-DCE Concentrations



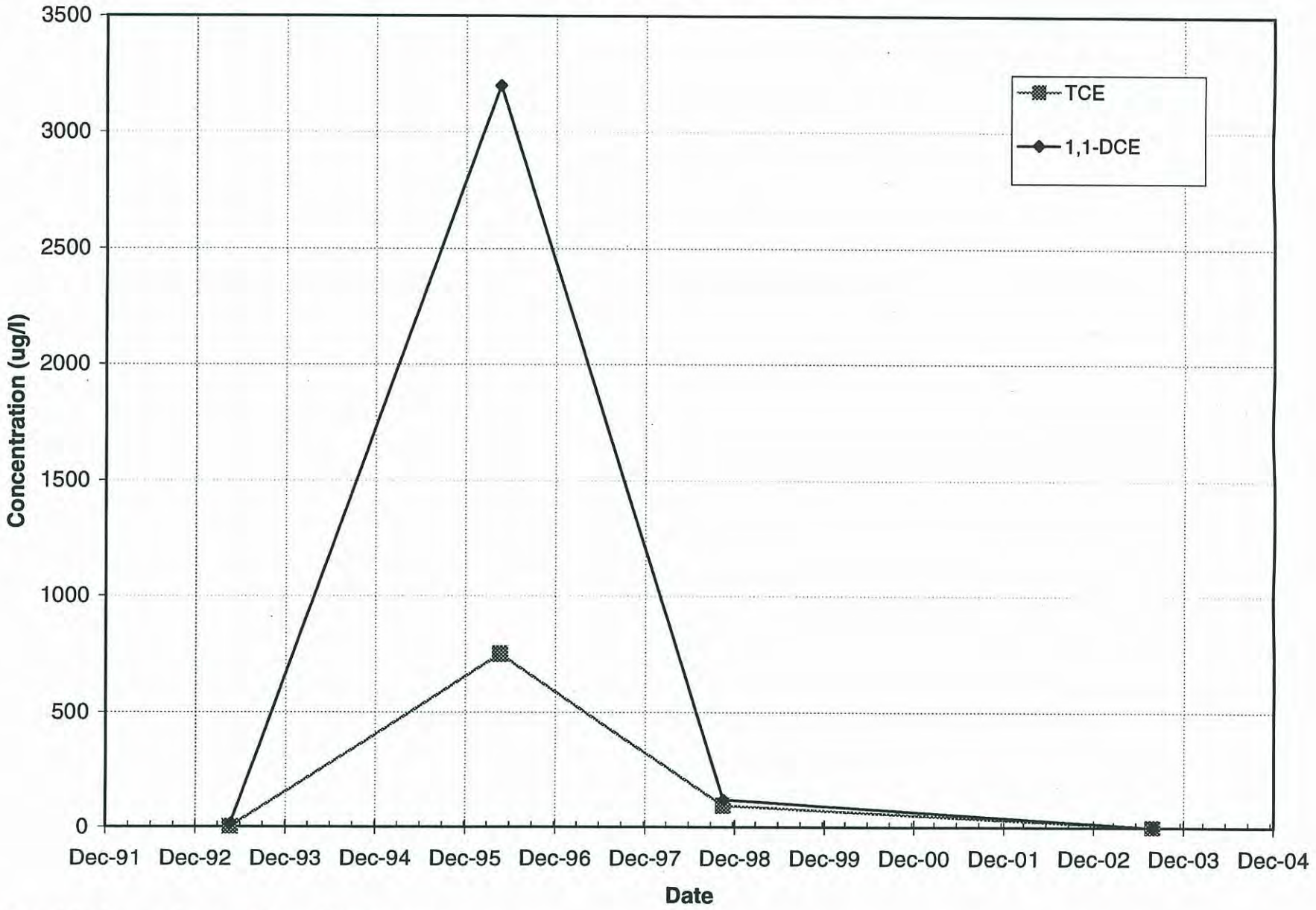
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-15
TCE and 1,1-DCE Concentrations



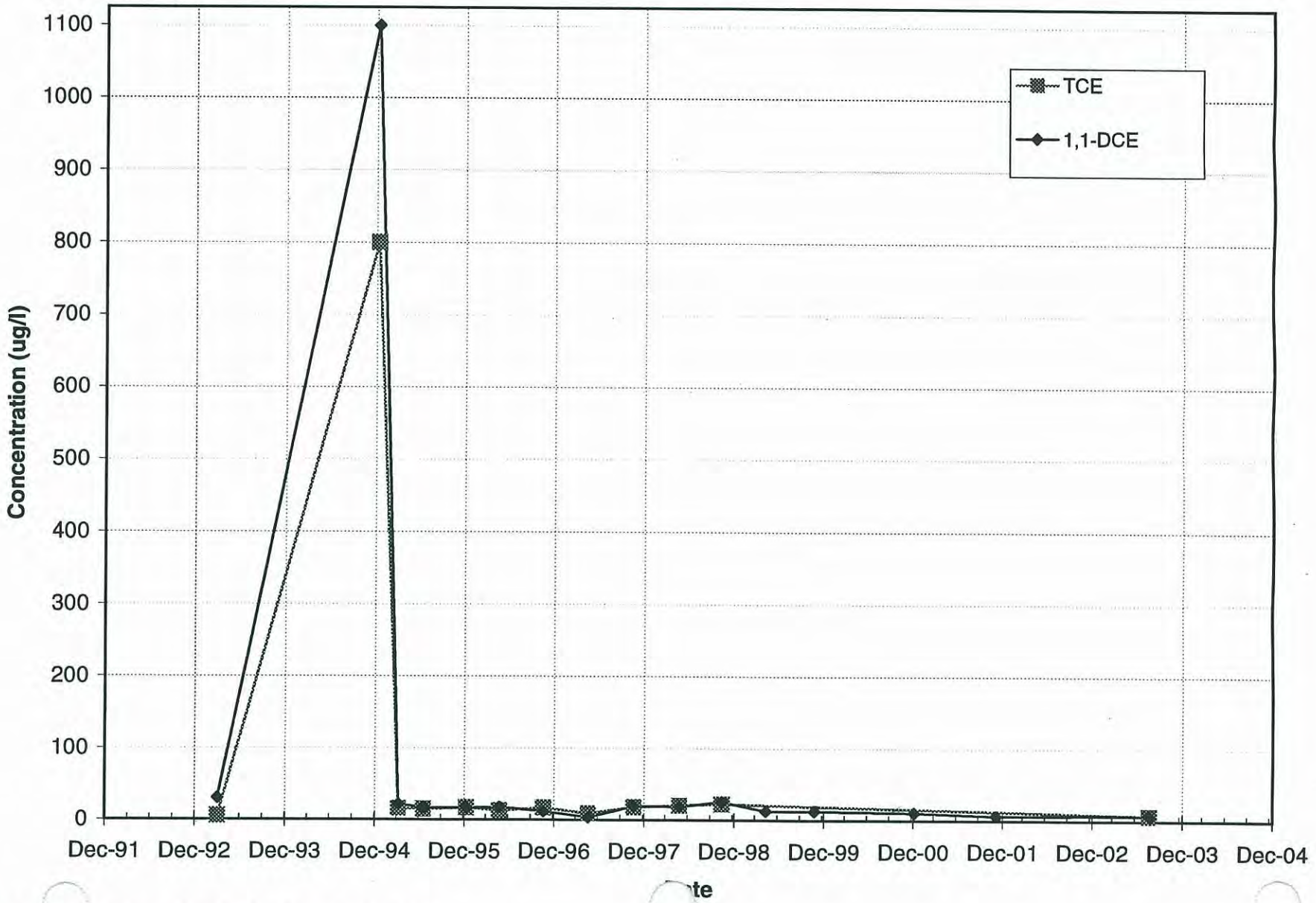
All non-detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-16
TCE and 1,1-DCE Concentrations



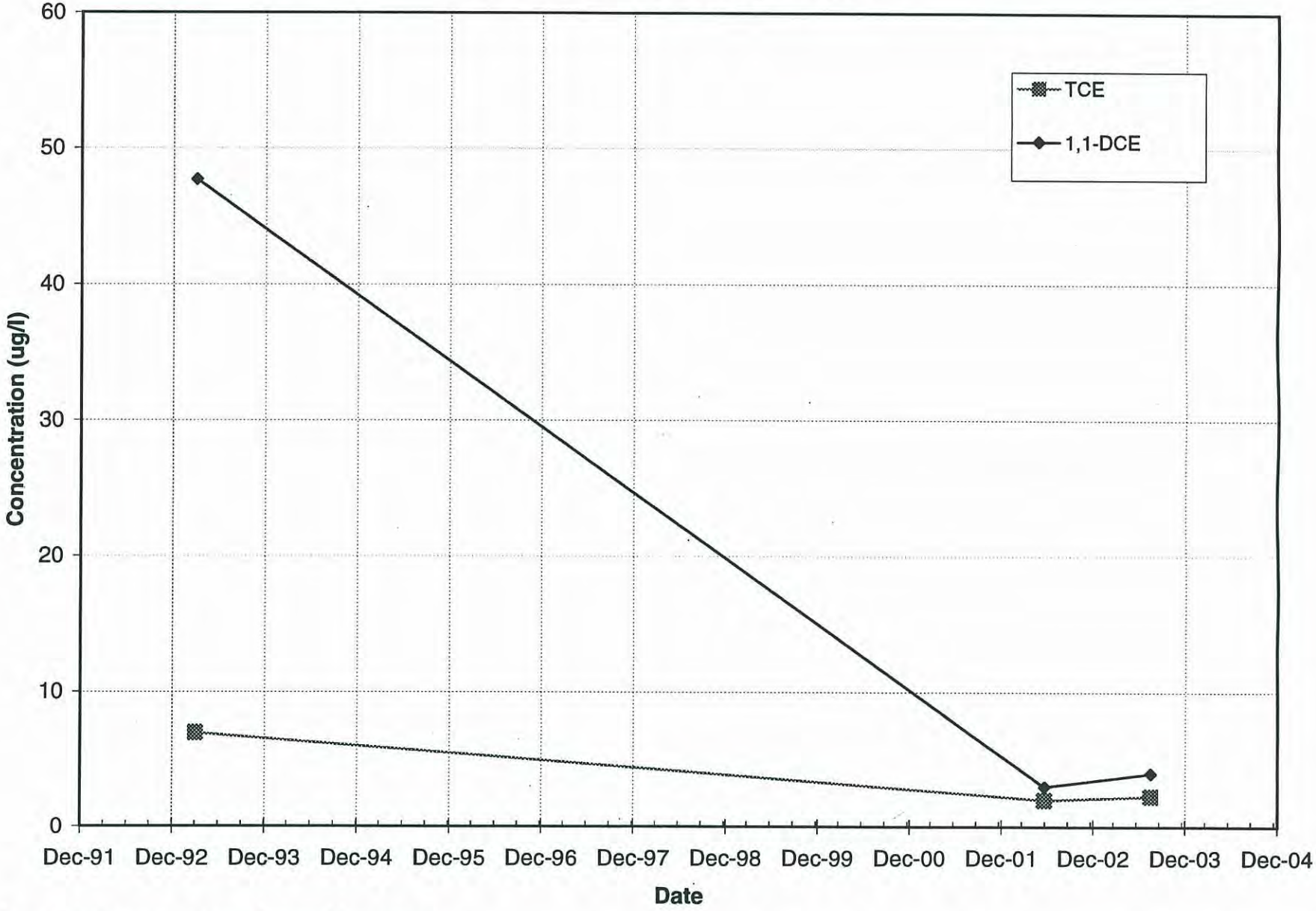
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-17
TCE and 1,1-DCE Concentrations



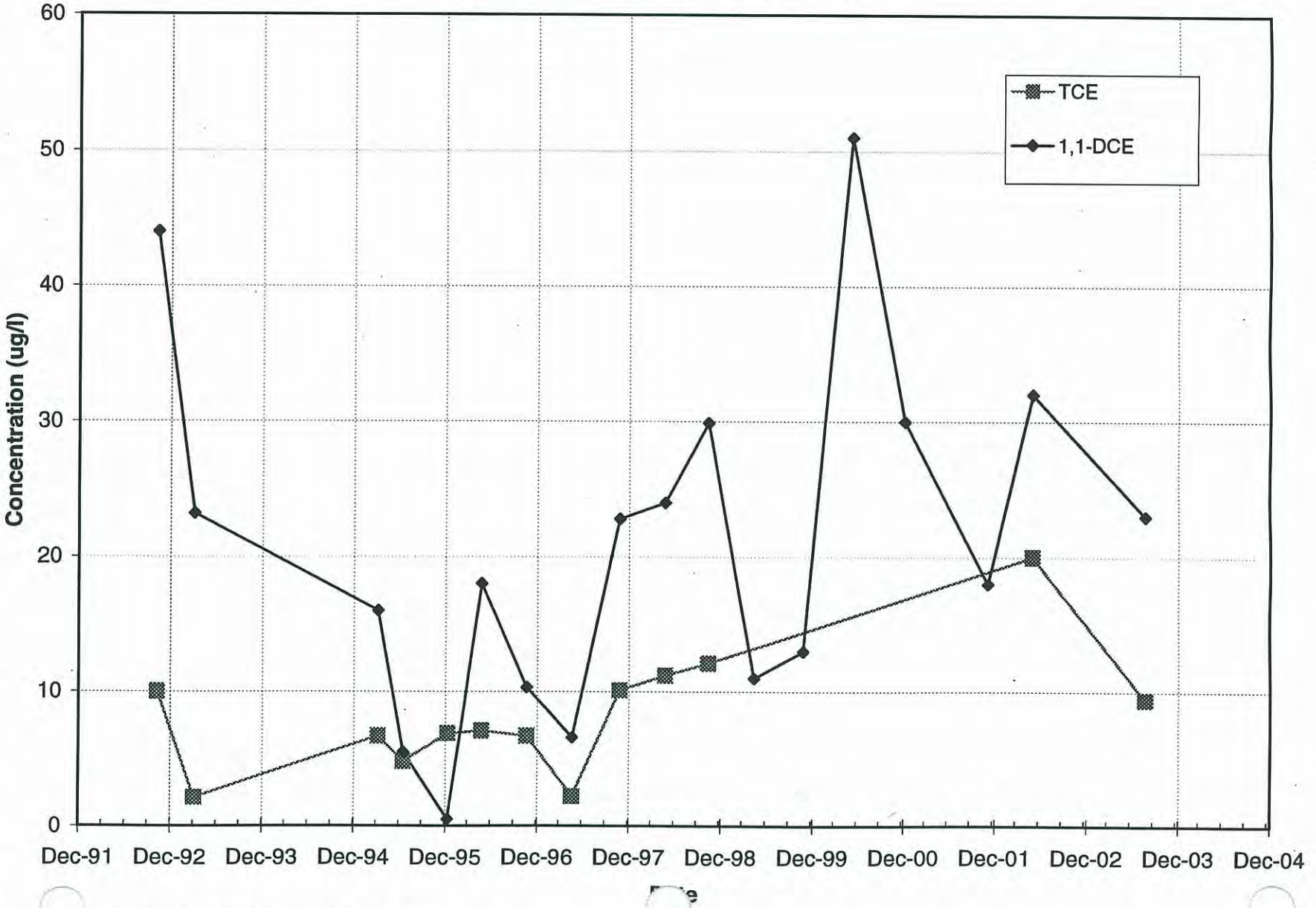
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-18
TCE and 1,1-DCE Concentrations



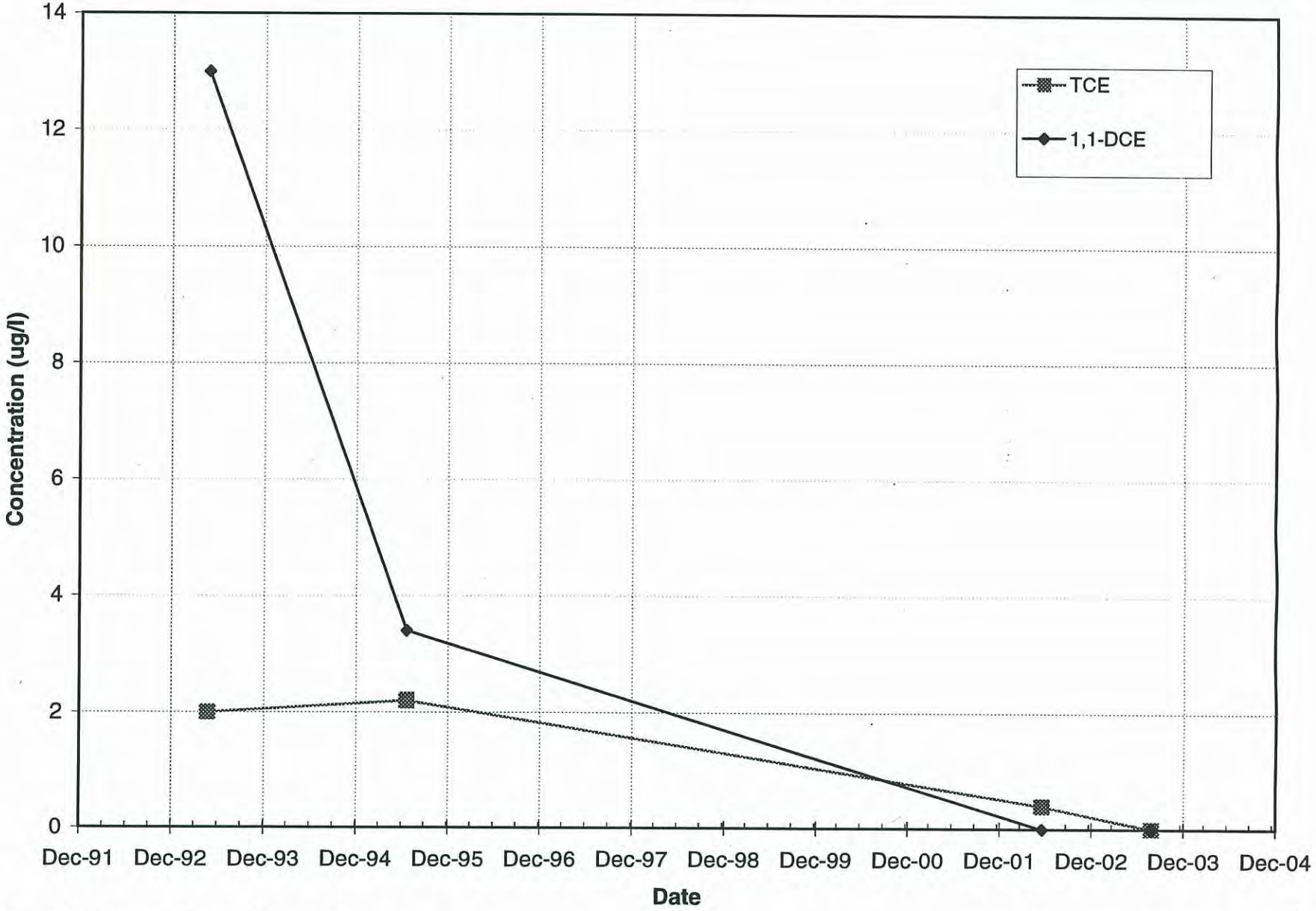
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-19
TCE and 1,1-DCE Concentrations



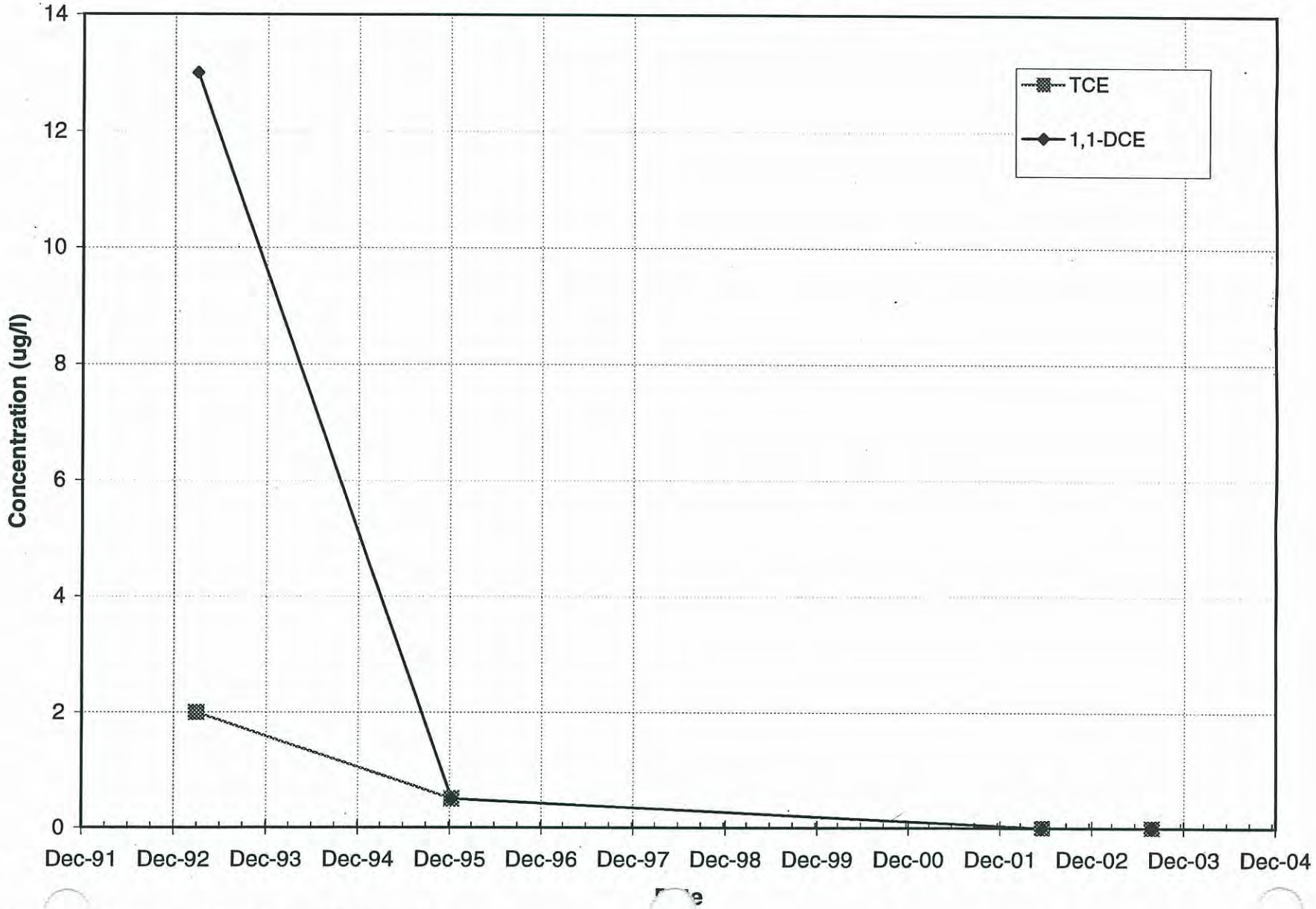
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-32
TCE and 1,1-DCE Concentrations



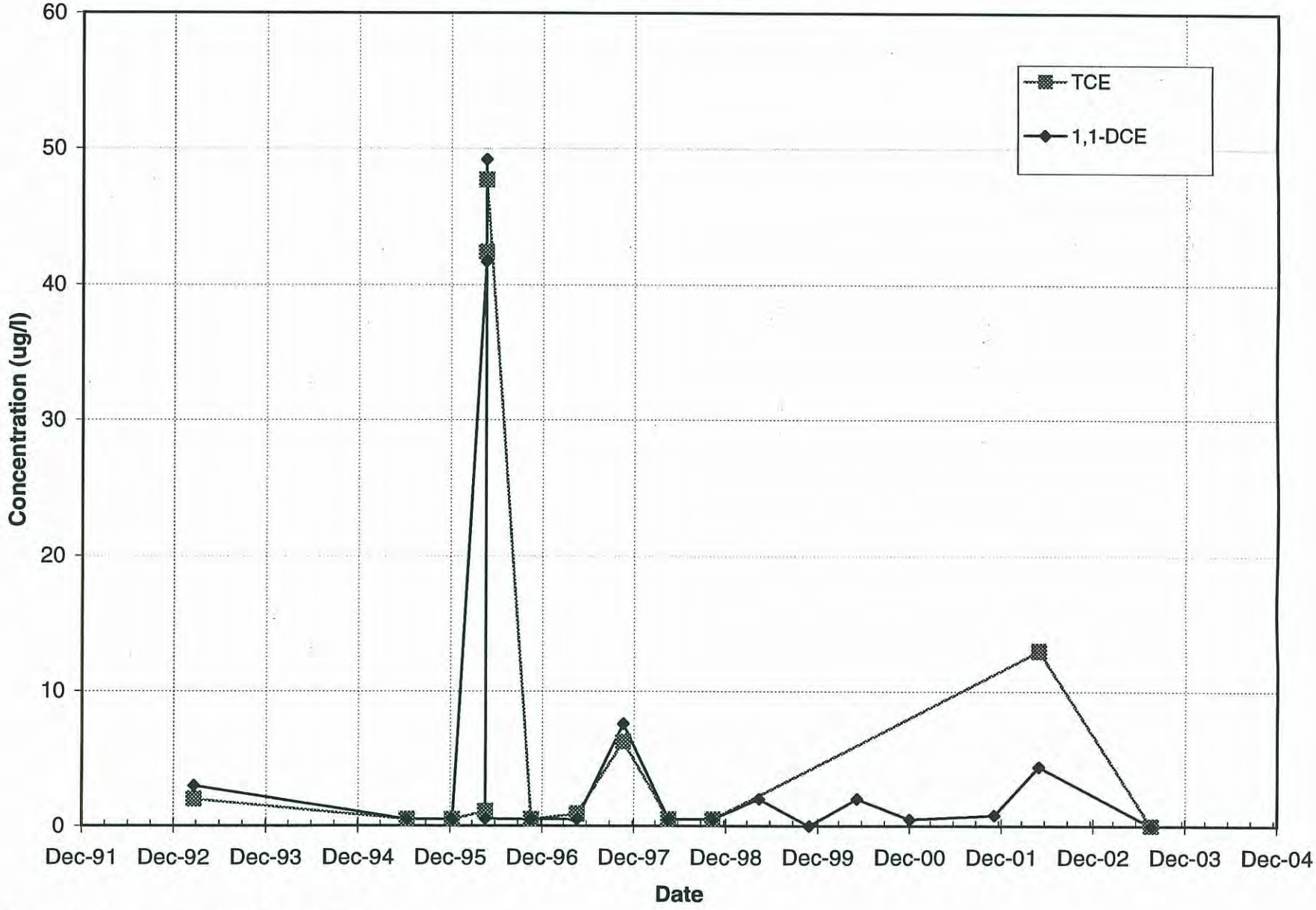
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-35
TCE and 1,1-DCE Concentrations



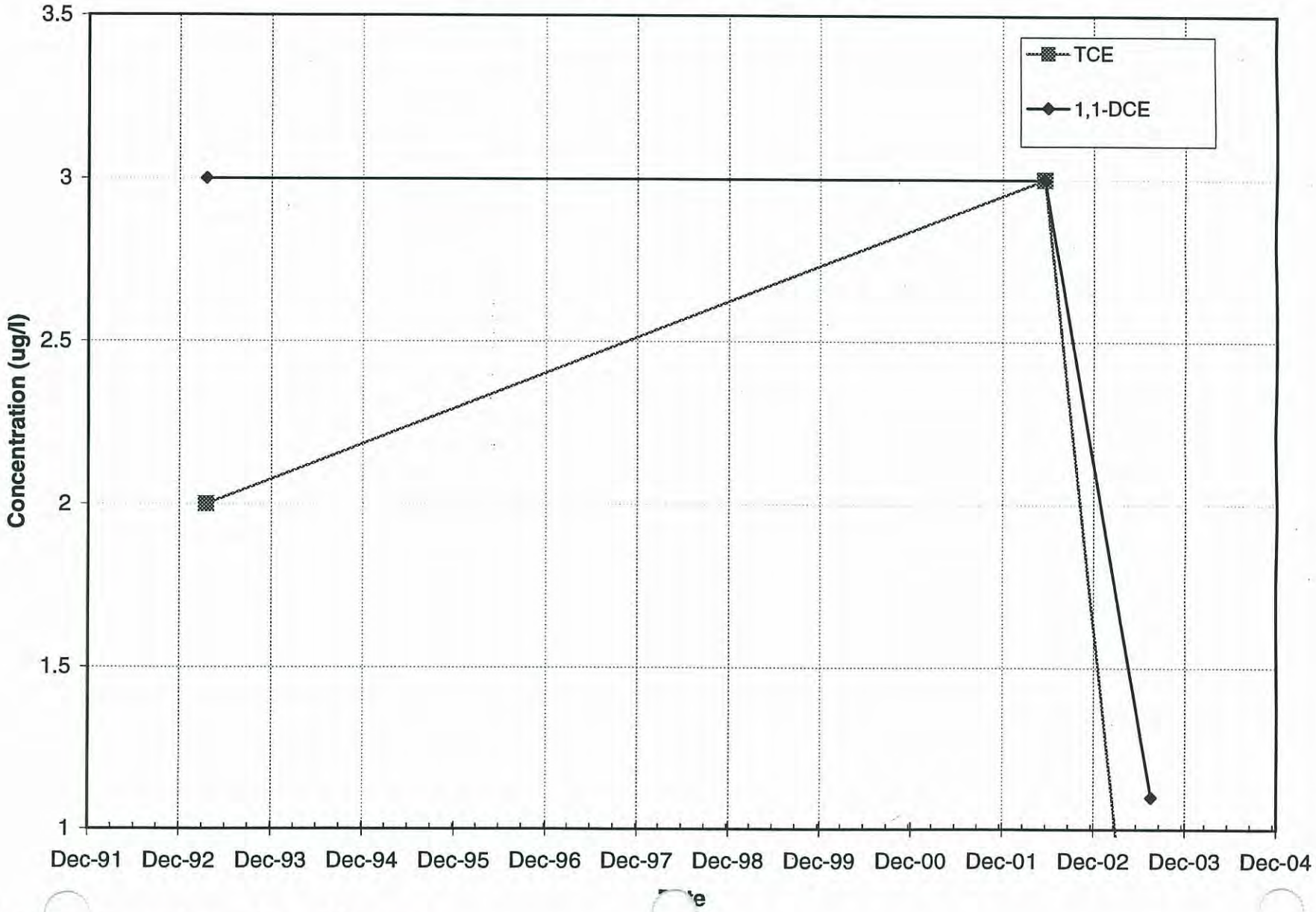
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-36
TCE and 1,1-DCE Concentrations



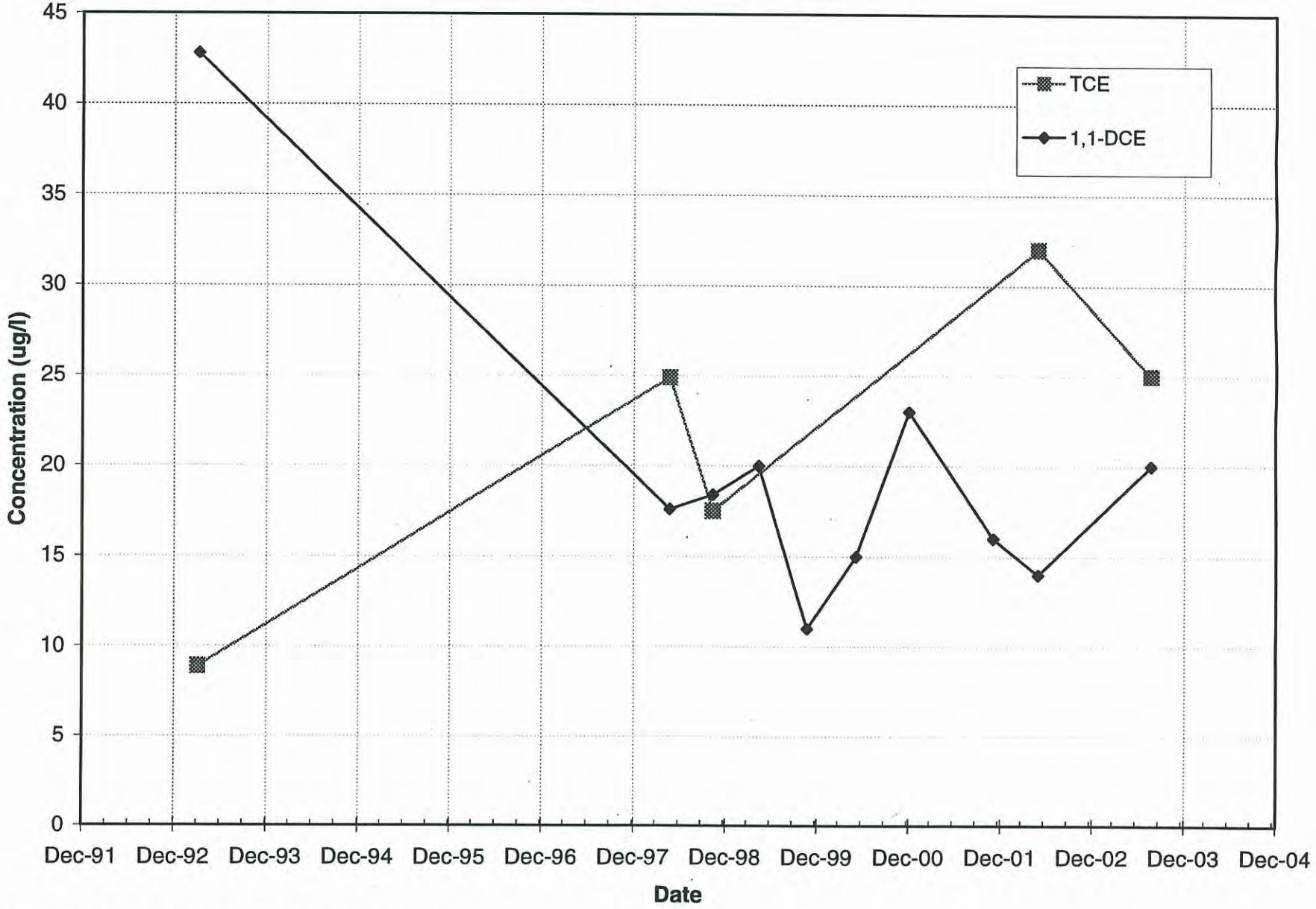
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-37
TCE and 1,1-DCE Concentrations



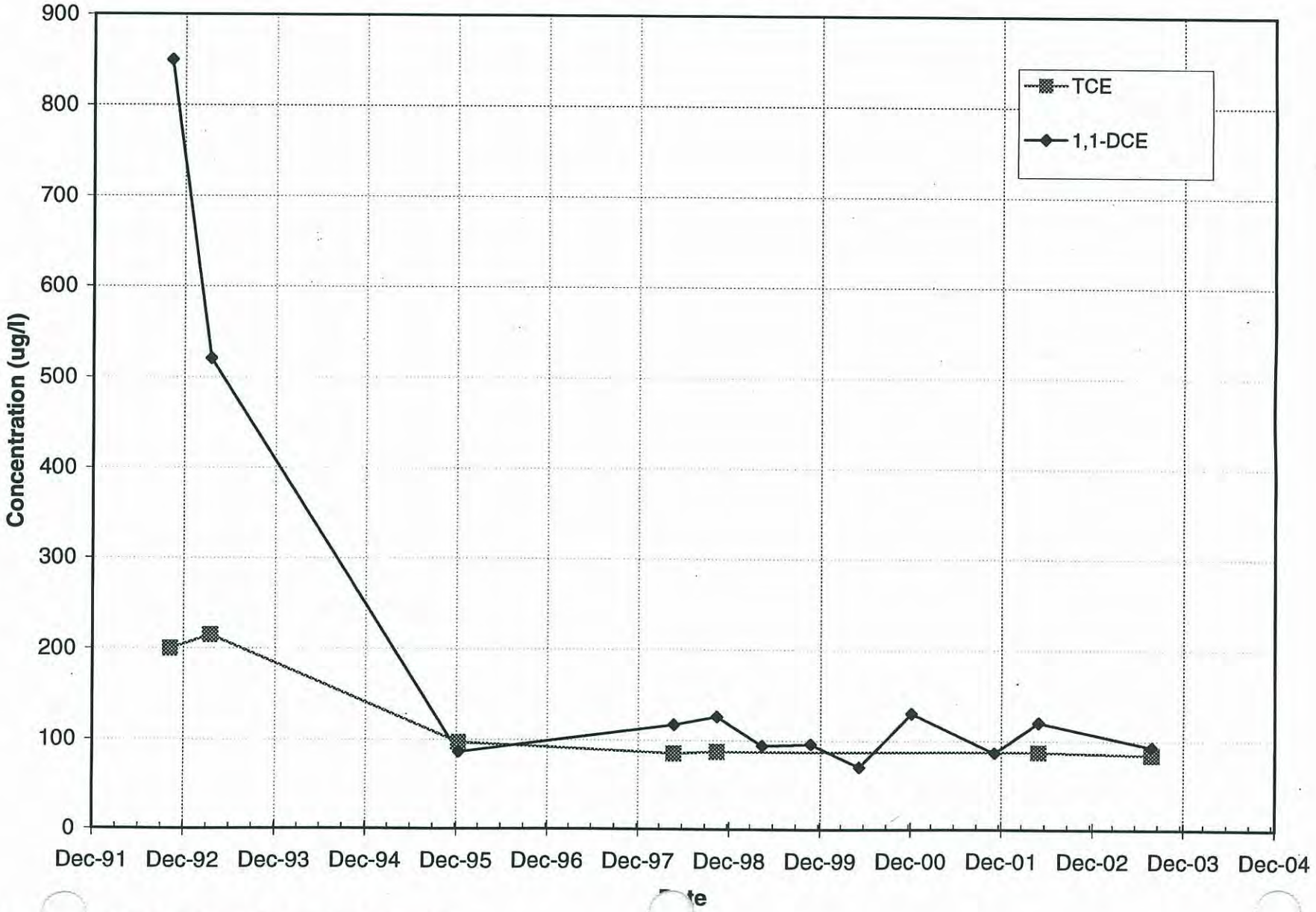
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-40
TCE and 1,1-DCE Concentrations



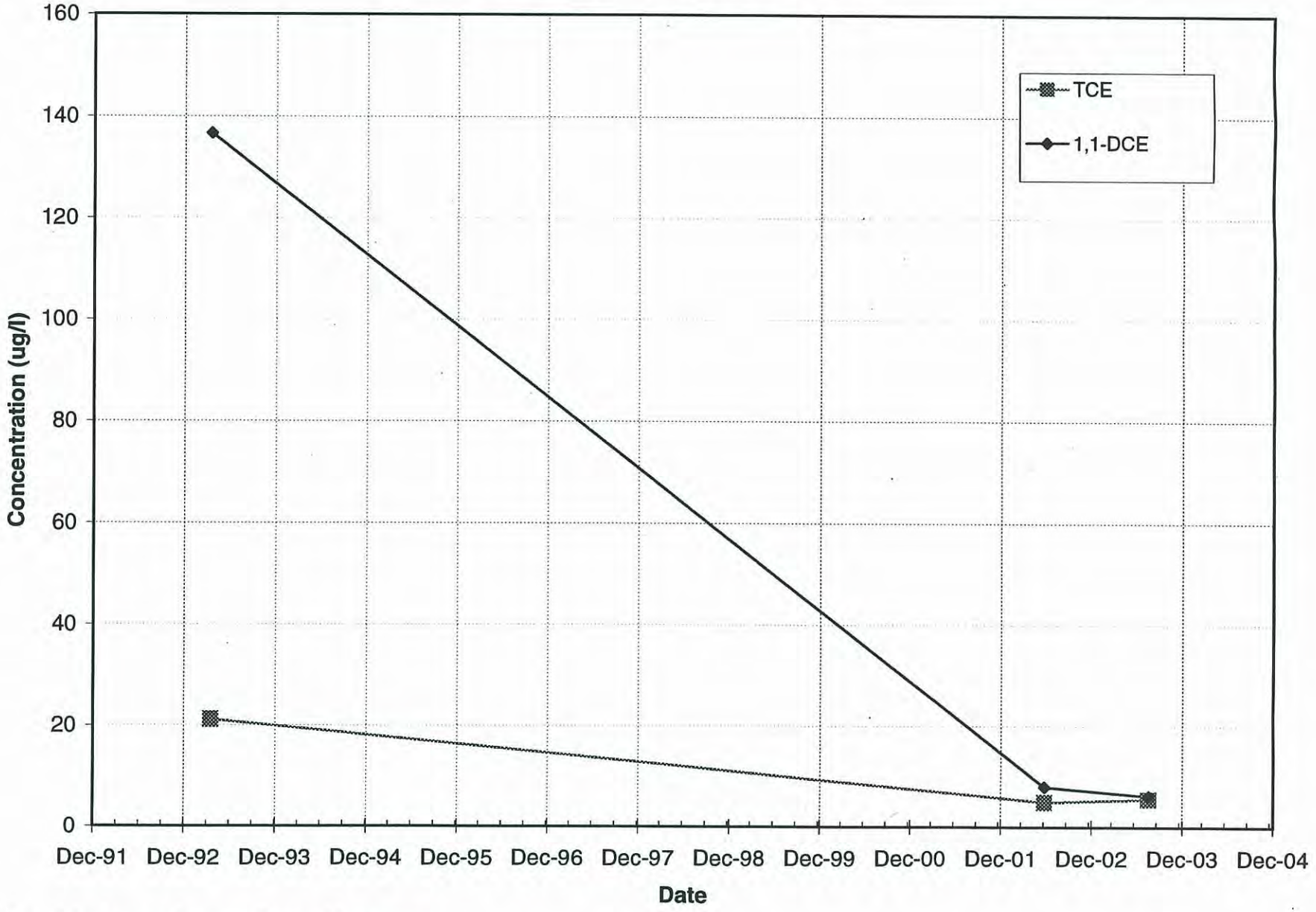
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-42
TCE and 1,1-DCE Concentrations



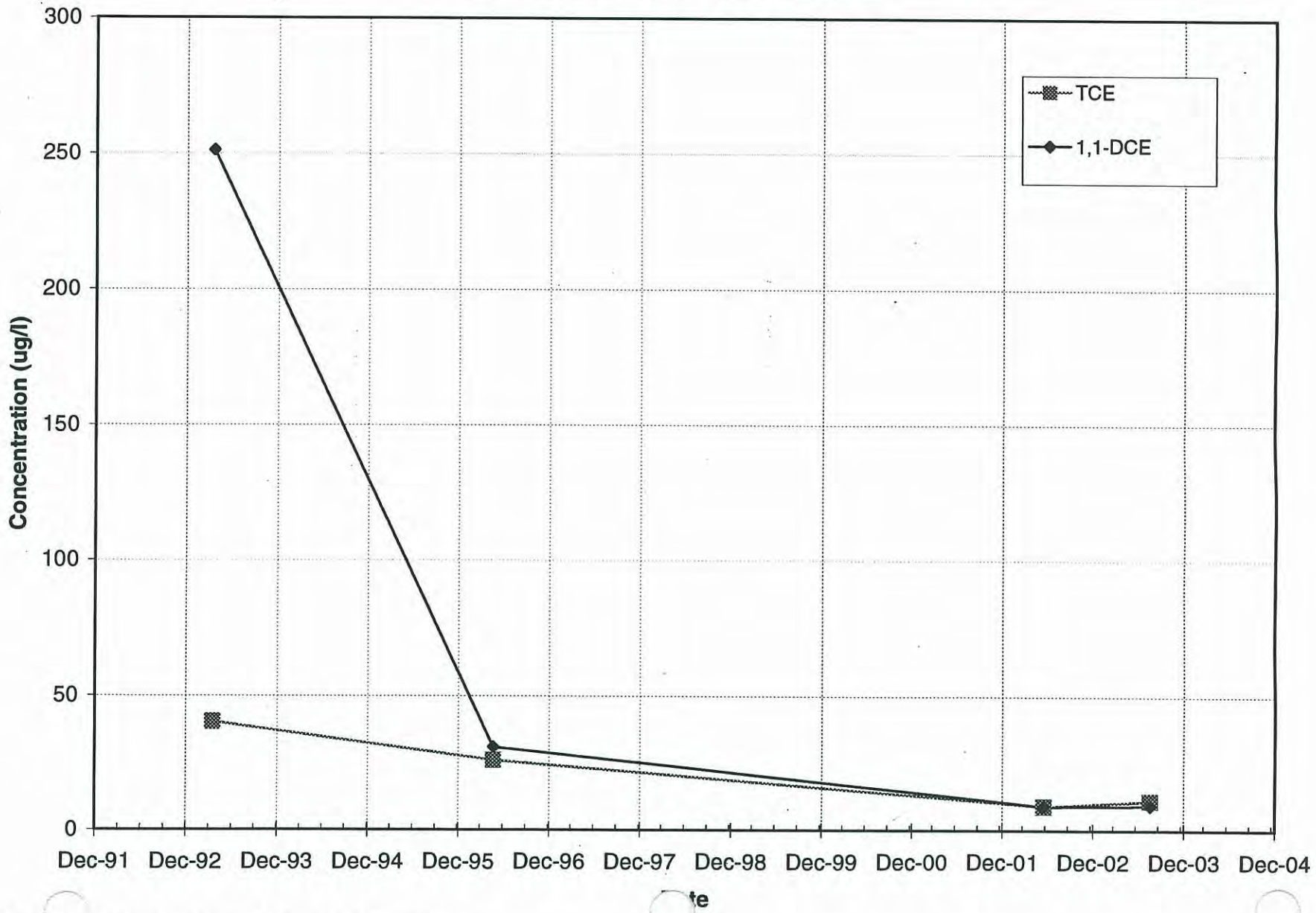
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-43
TCE and 1,1-DCE Concentrations



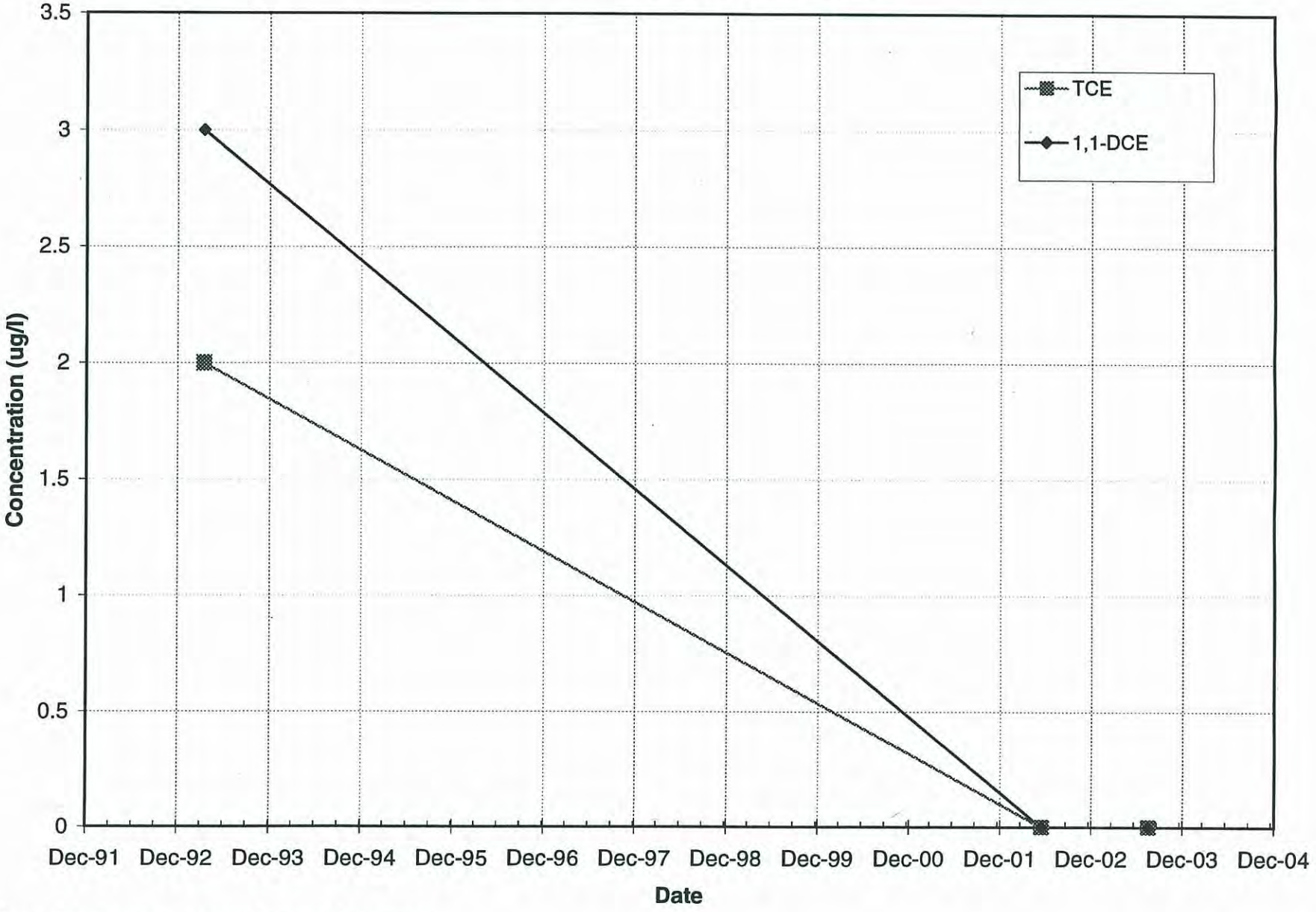
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-45
TCE and 1,1-DCE Concentrations



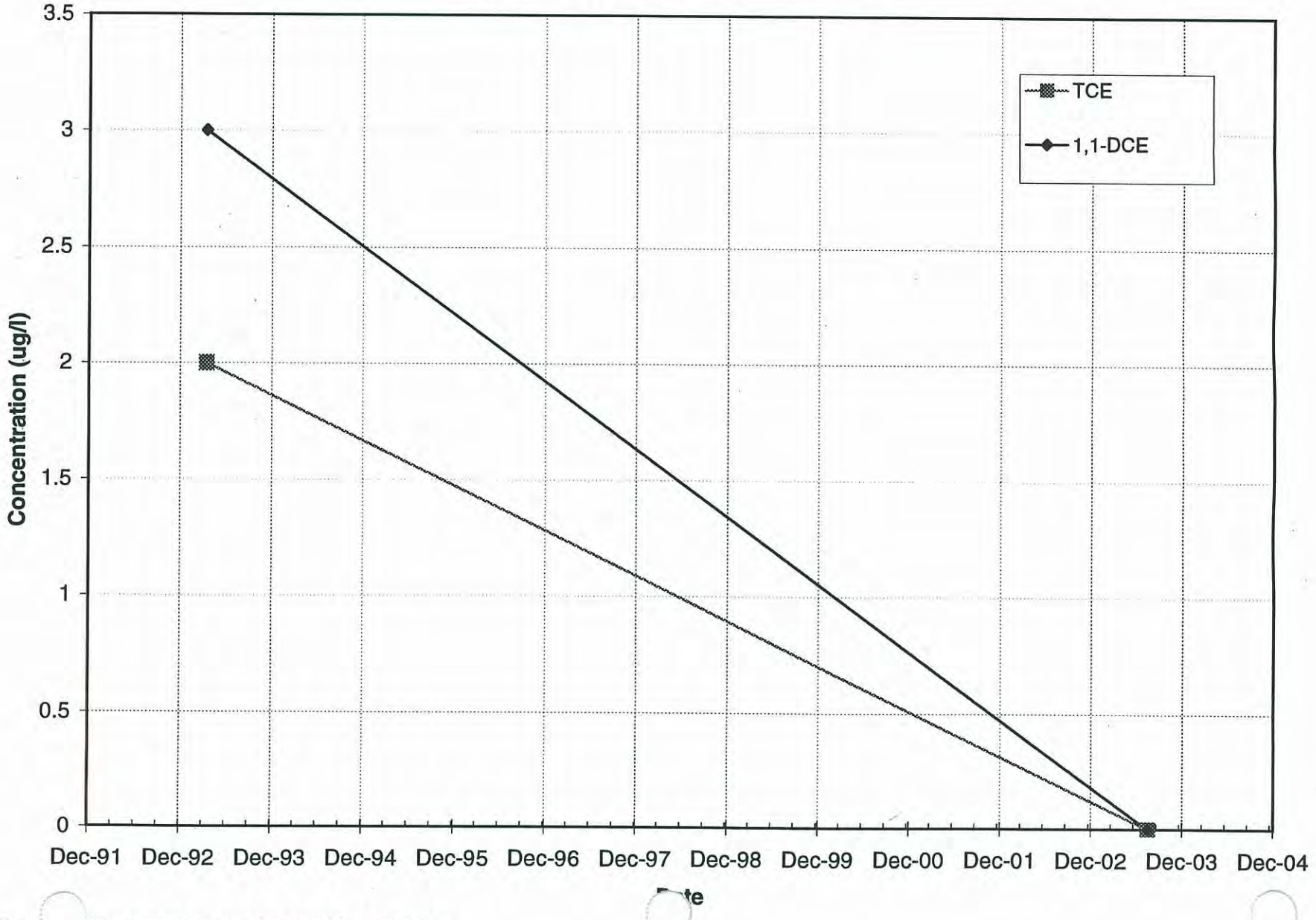
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-47
TCE and 1,1-DCE Concentrations



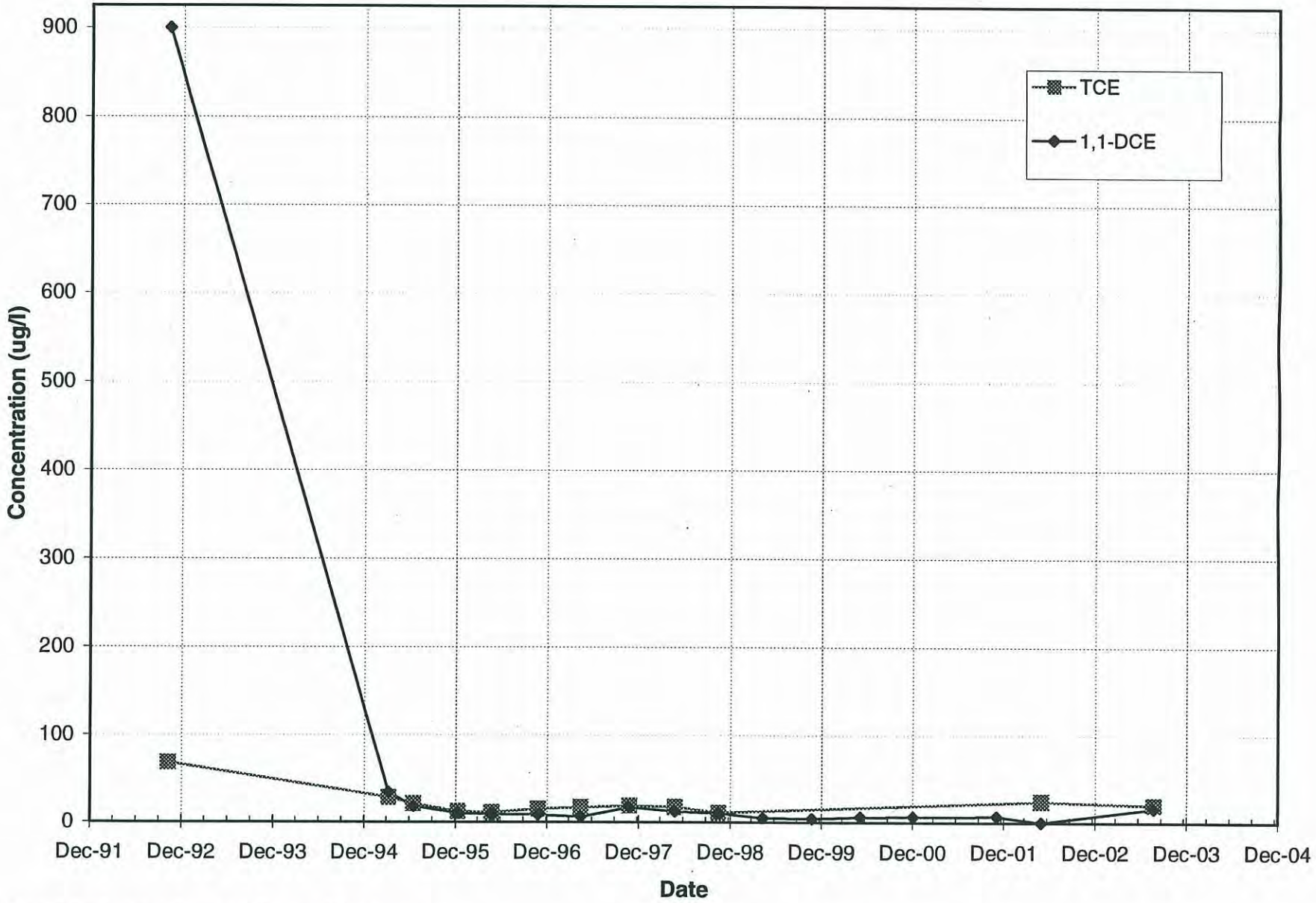
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-48
TCE and 1,1-DCE Concentrations



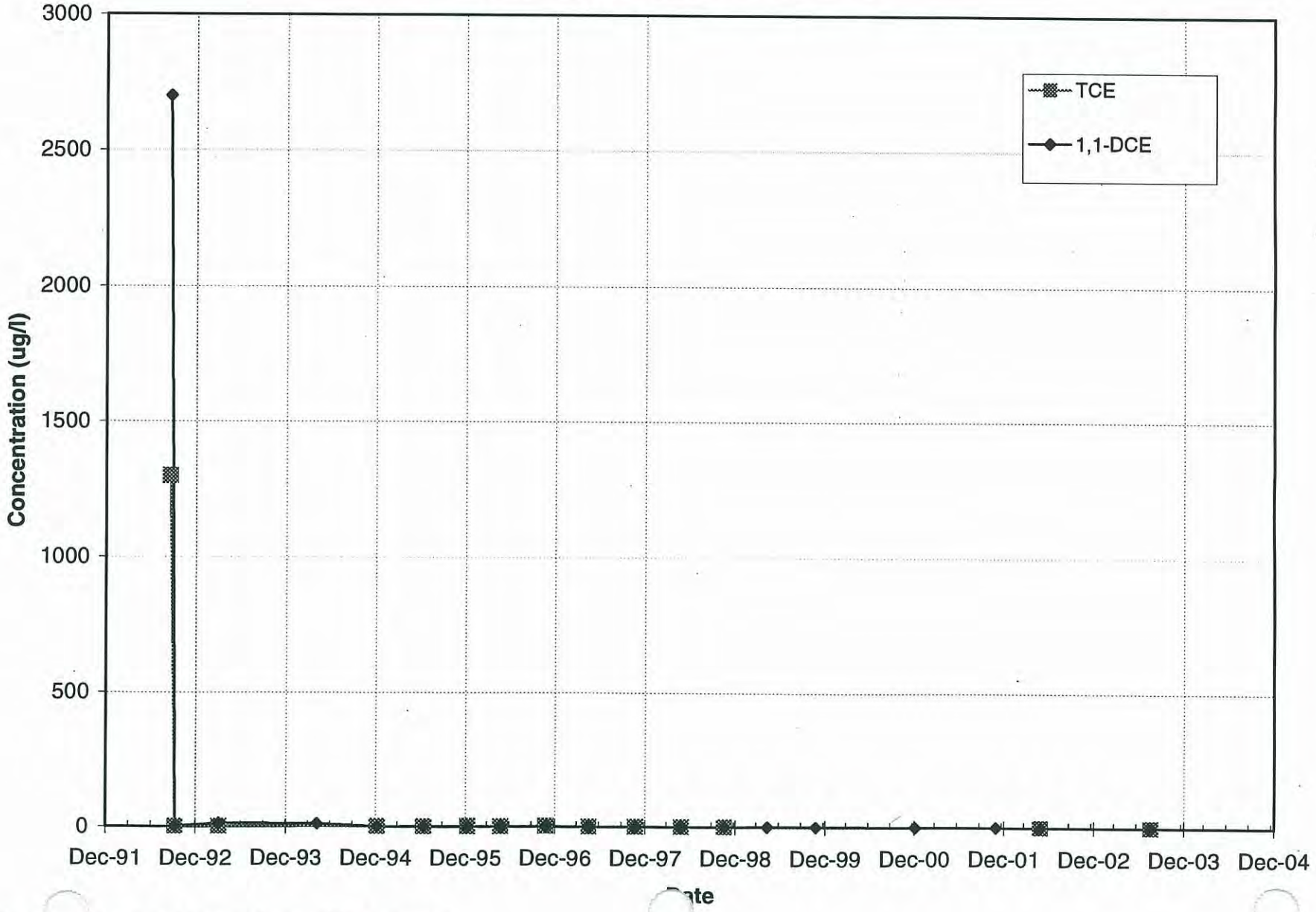
All non ..ects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-49
TCE and 1,1-DCE Concentrations



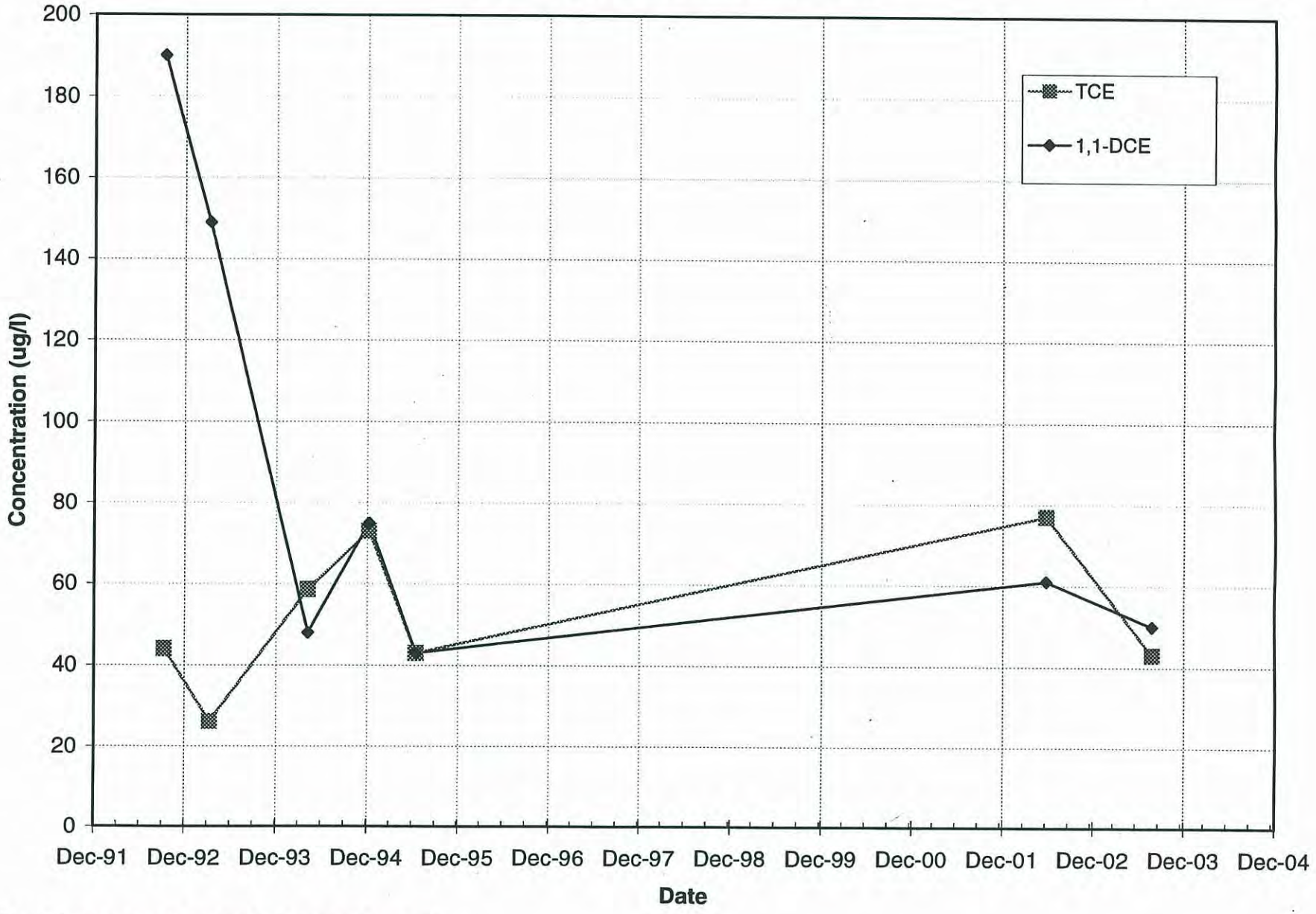
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-56A
TCE and 1,1-DCE Concentrations



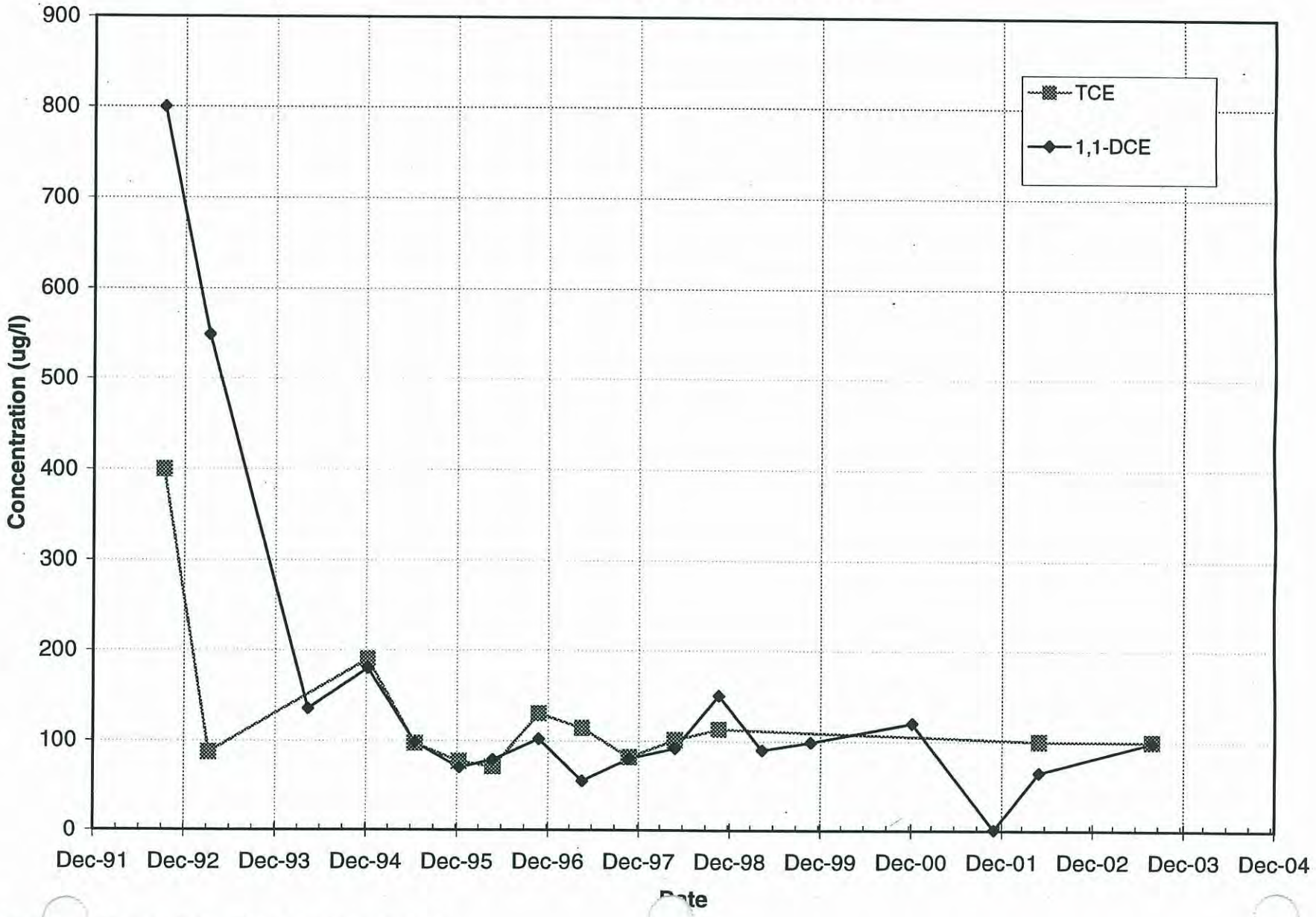
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-56B
TCE and 1,1-DCE Concentrations



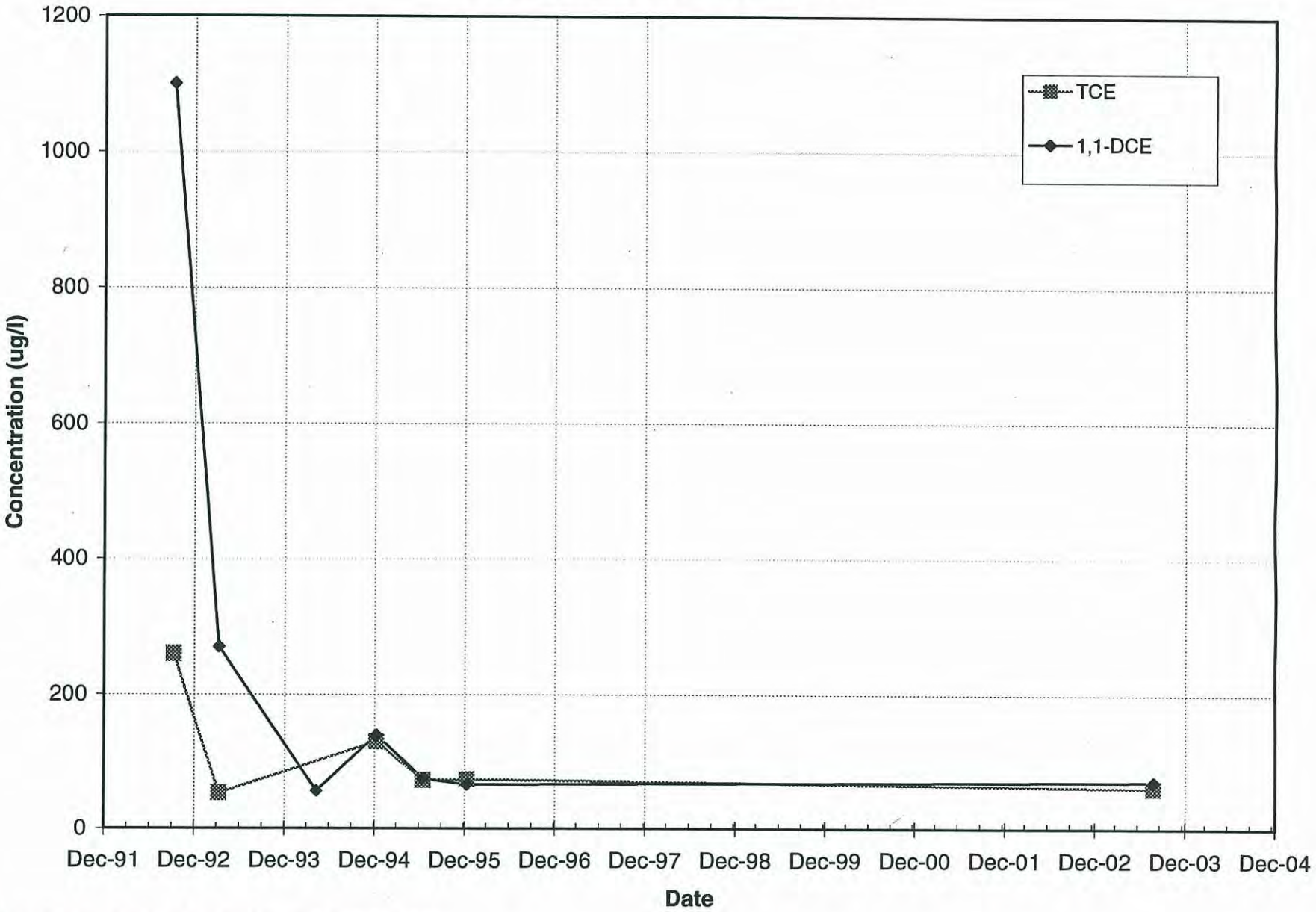
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-56C
TCE and 1,1-DCE Concentrations



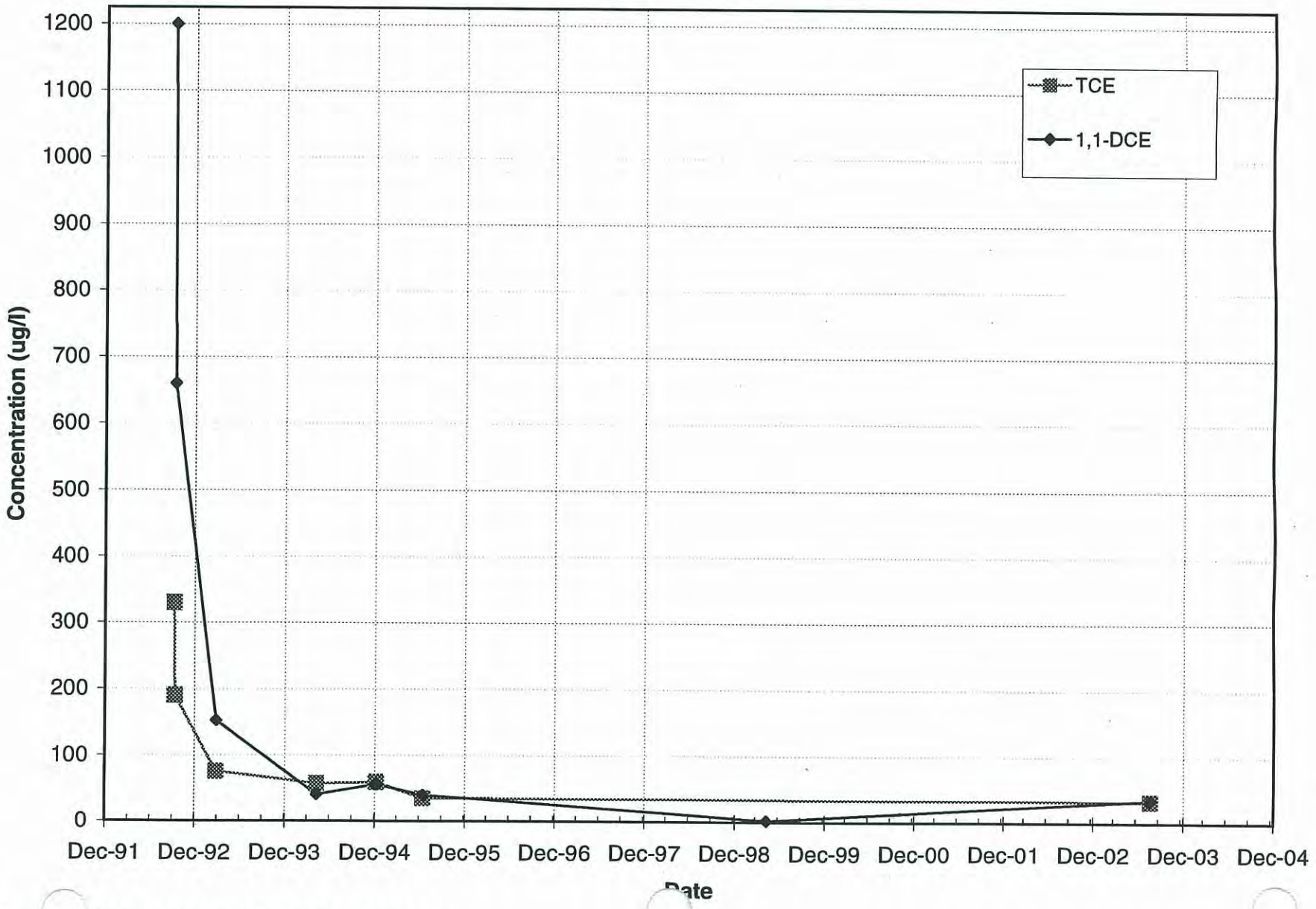
All non ..ects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-56D
TCE and 1,1-DCE Concentrations



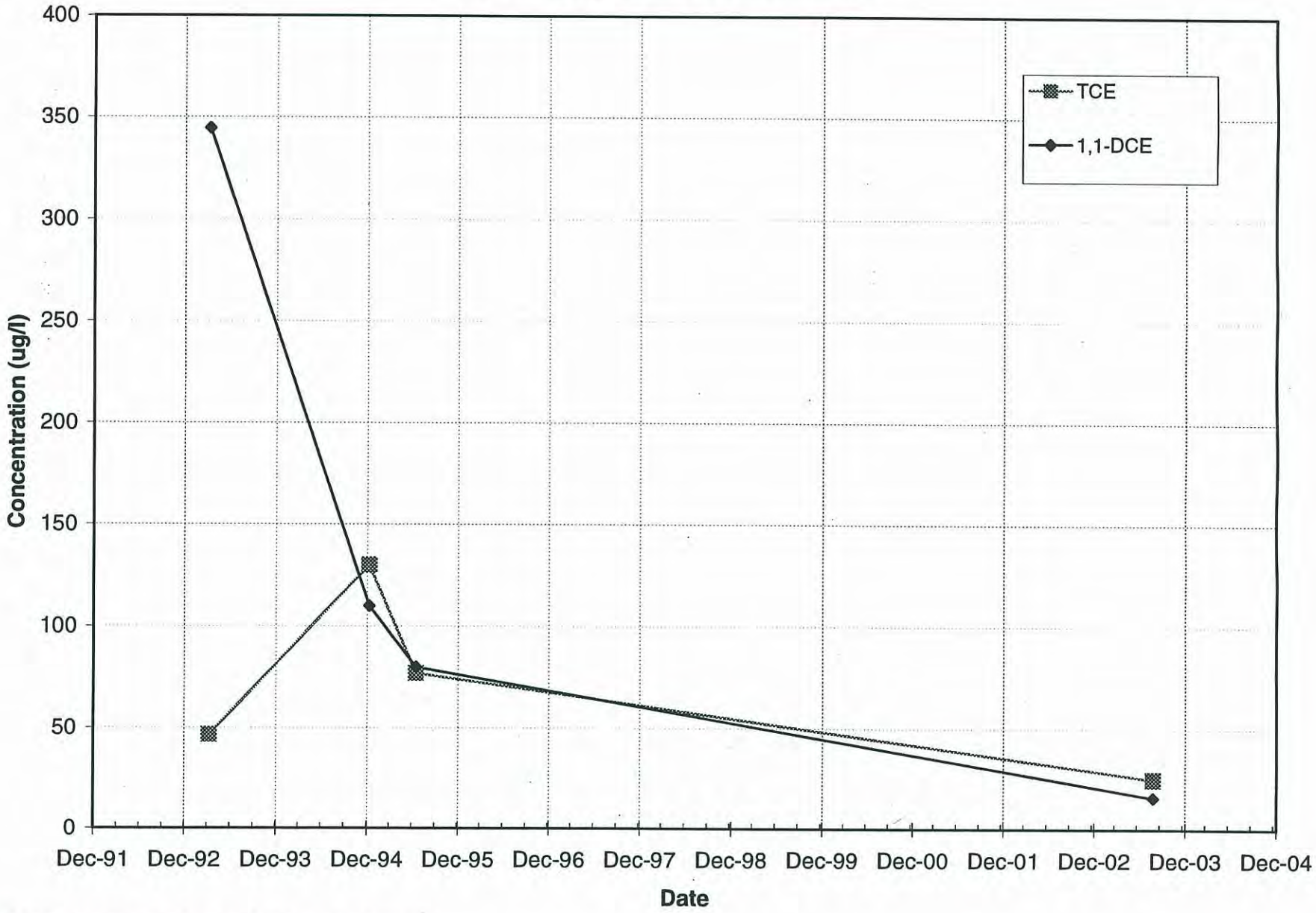
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-58A
TCE and 1,1-DCE Concentrations



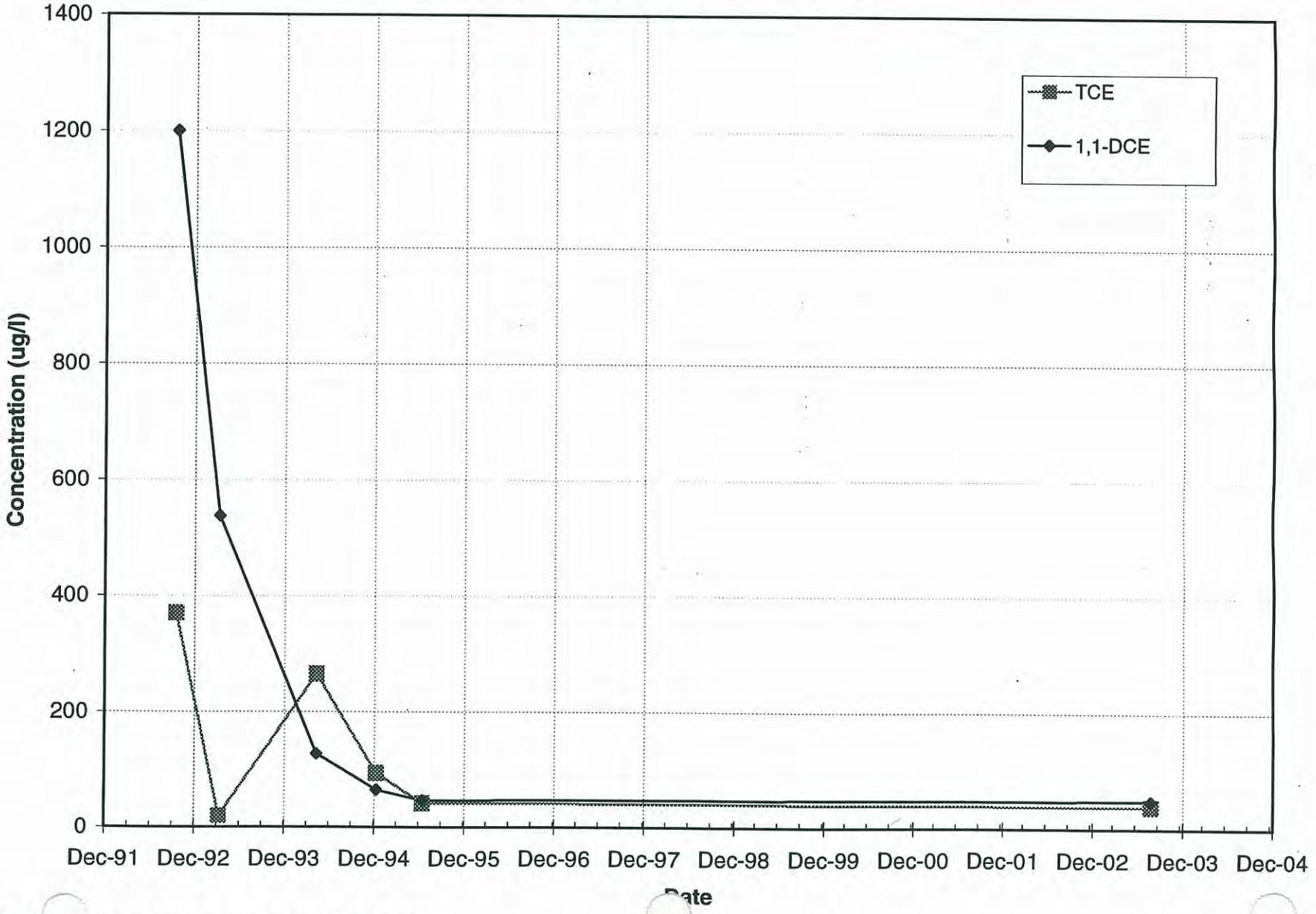
All non ects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-58B
TCE and 1,1-DCE Concentrations



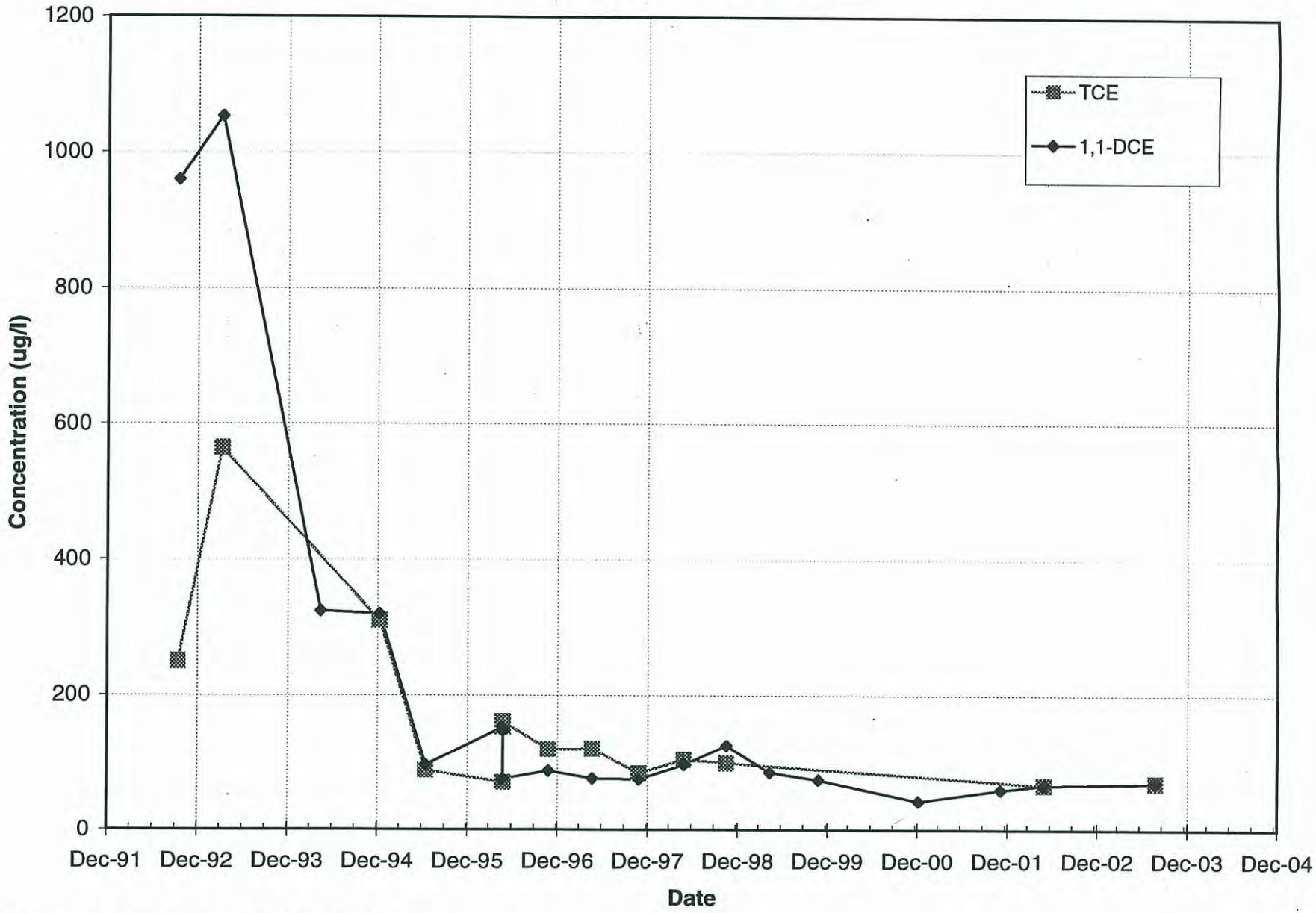
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-58C
TCE and 1,1-DCE Concentrations



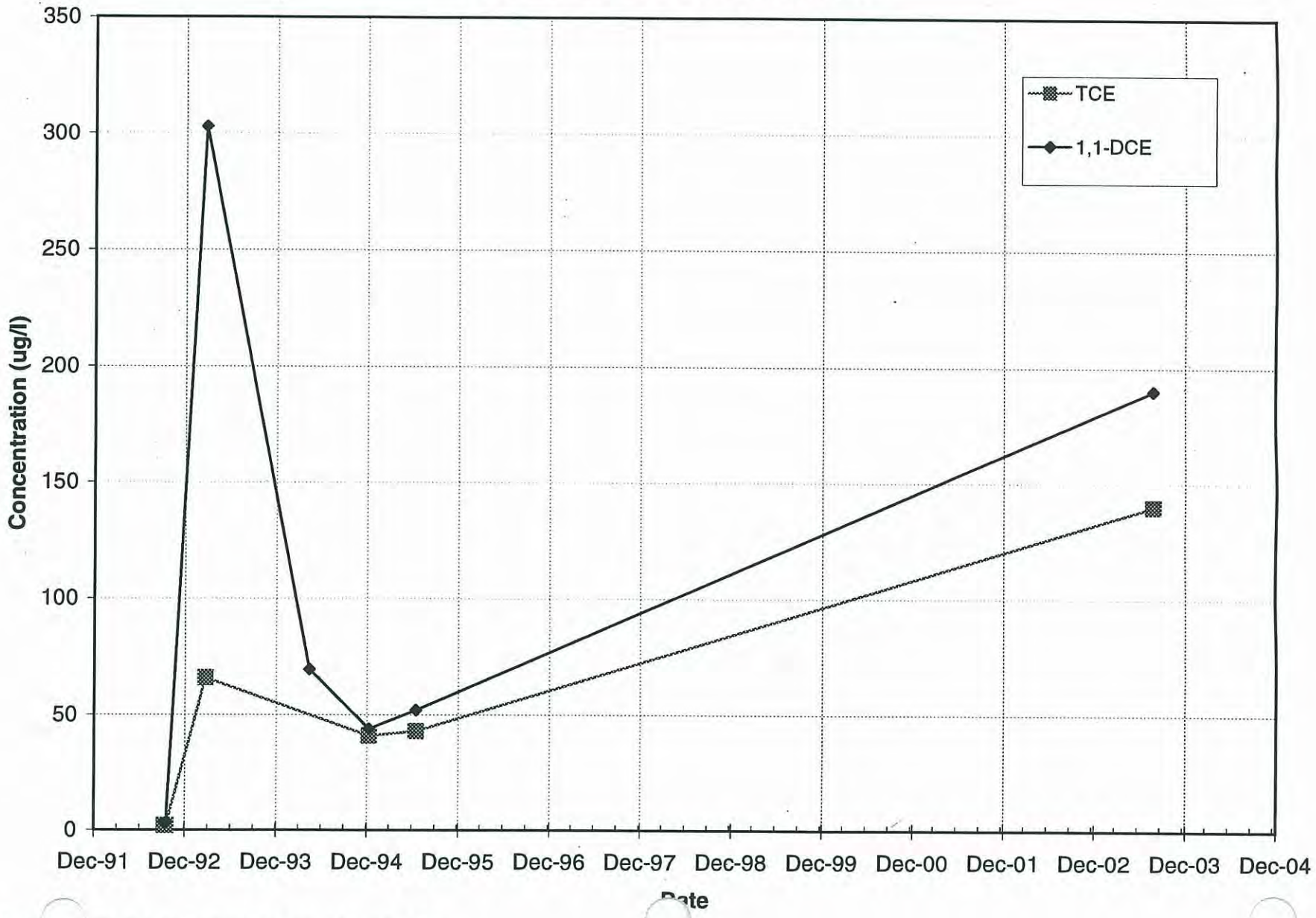
All non ..ects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-58D
TCE and 1,1-DCE Concentrations



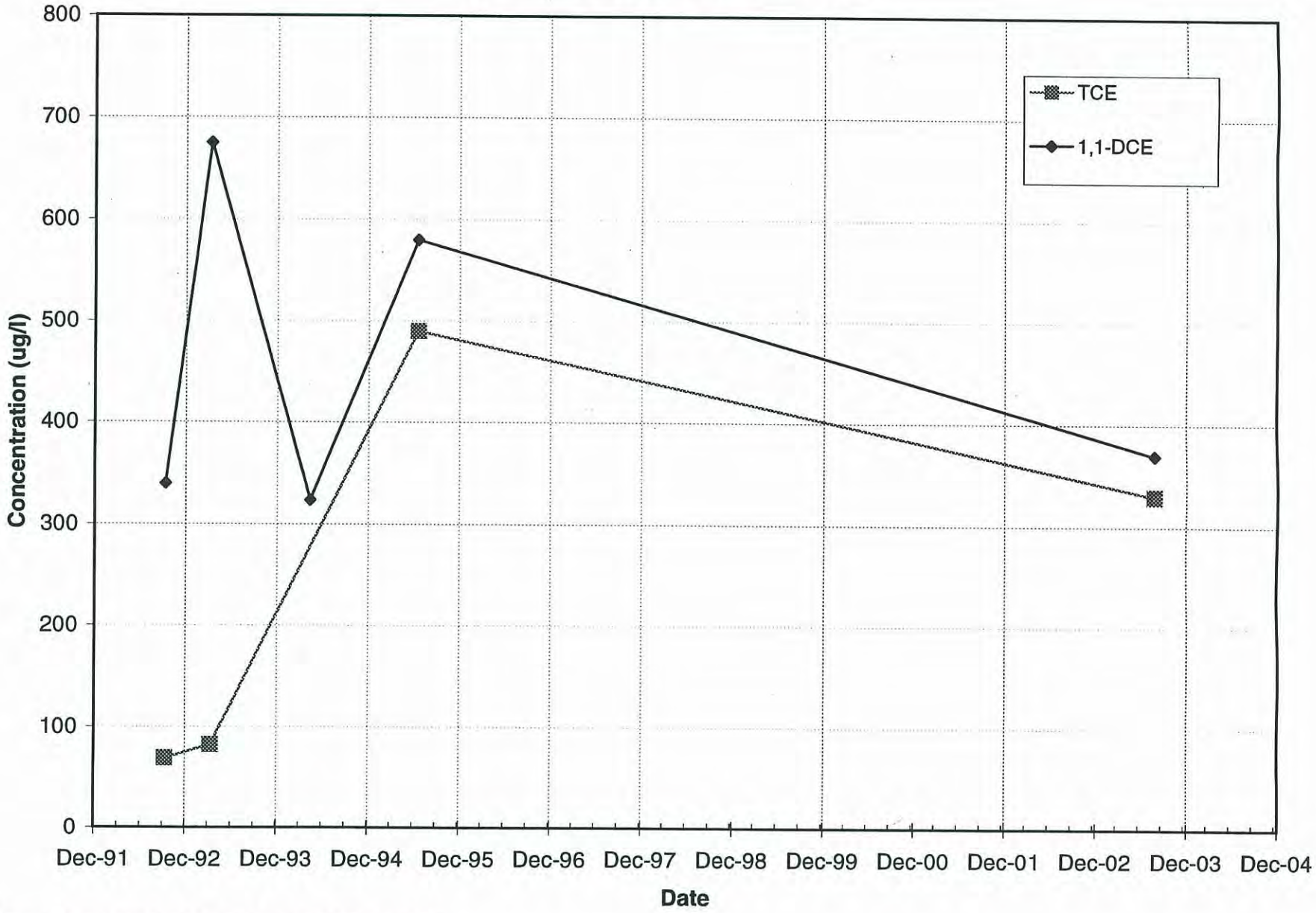
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-59C
TCE and 1,1-DCE Concentrations



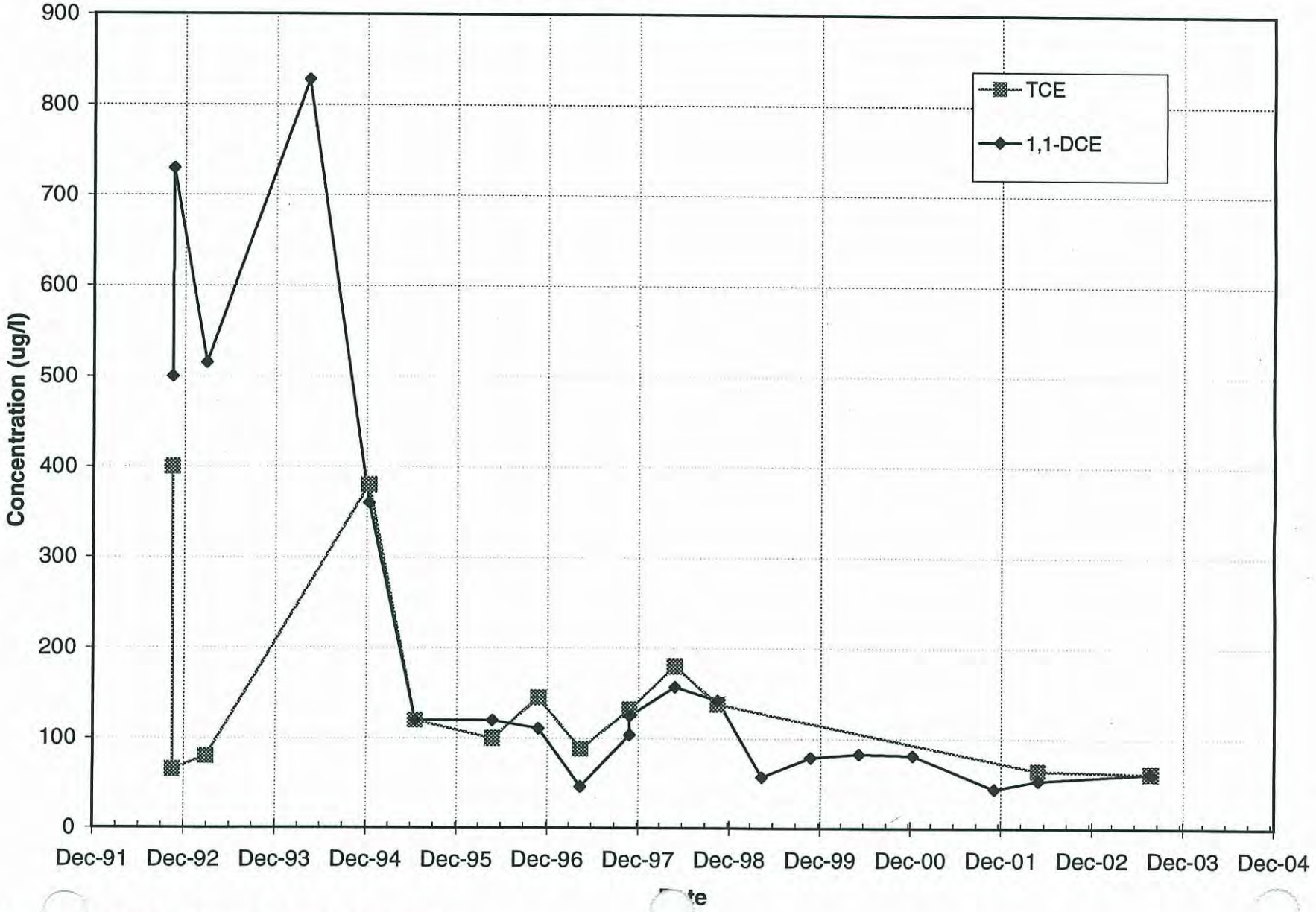
All non[illegible]ects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-59D
TCE and 1,1-DCE Concentrations



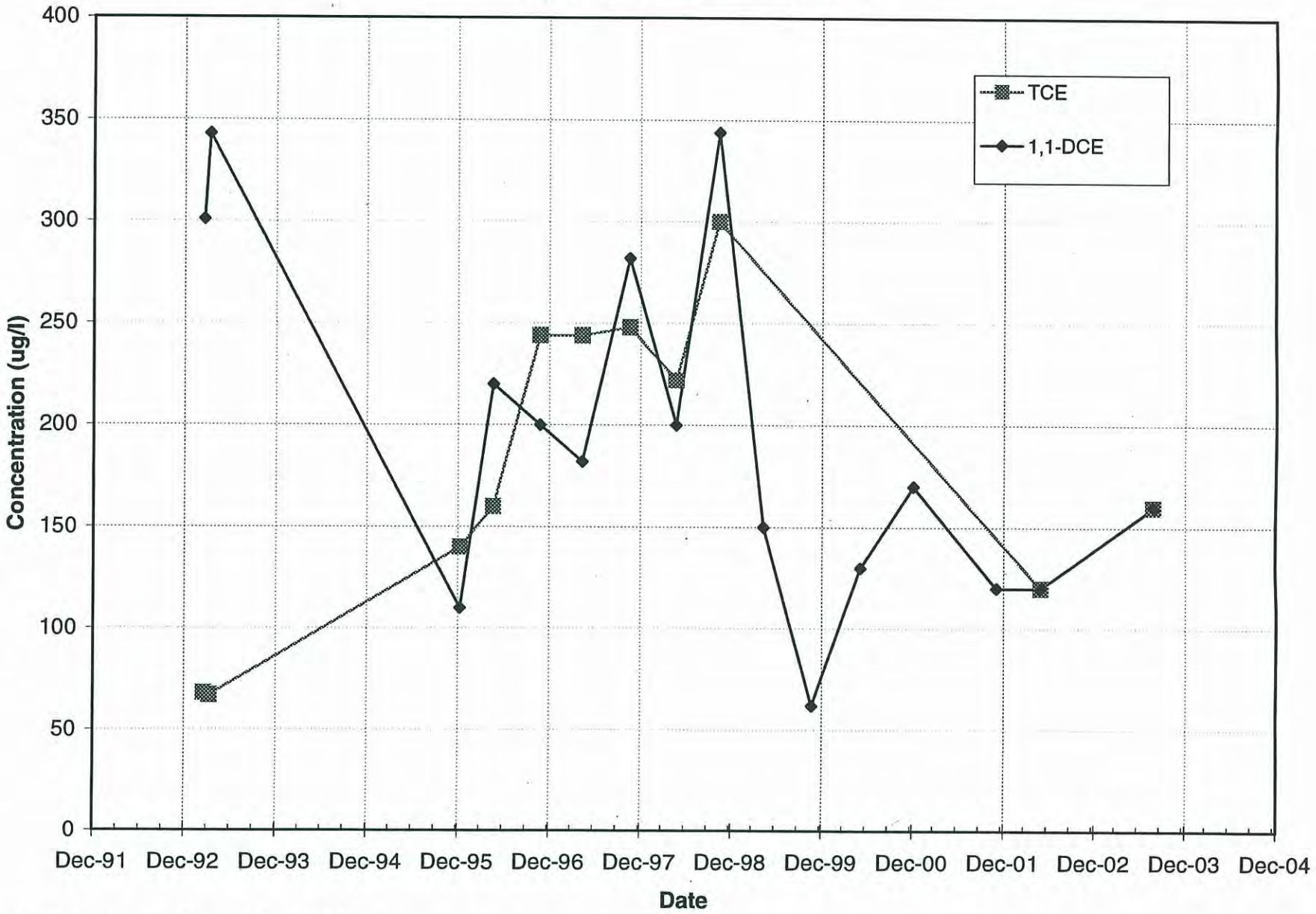
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-62A
TCE and 1,1-DCE Concentrations



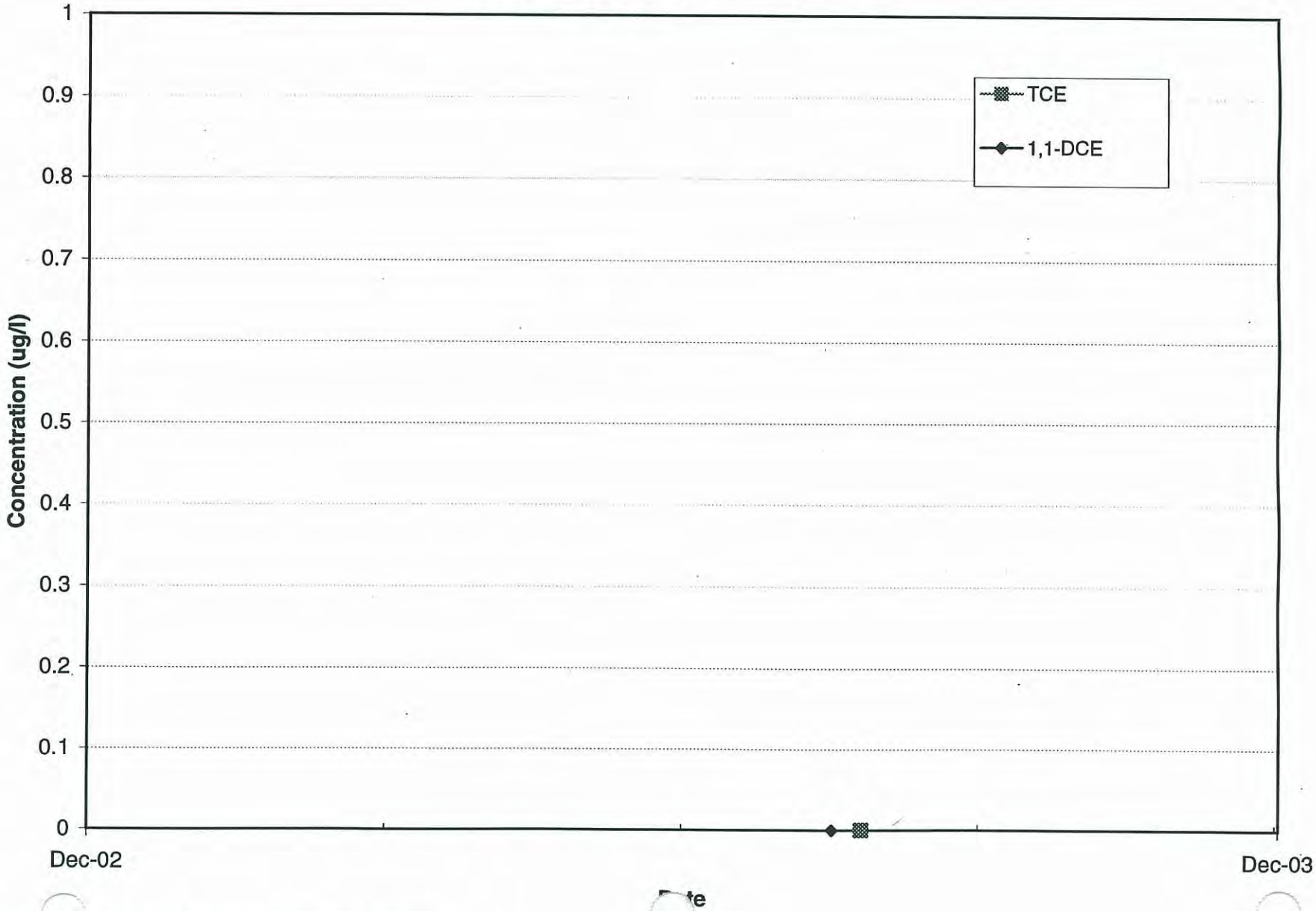
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well MW-66
TCE and 1,1-DCE Concentrations



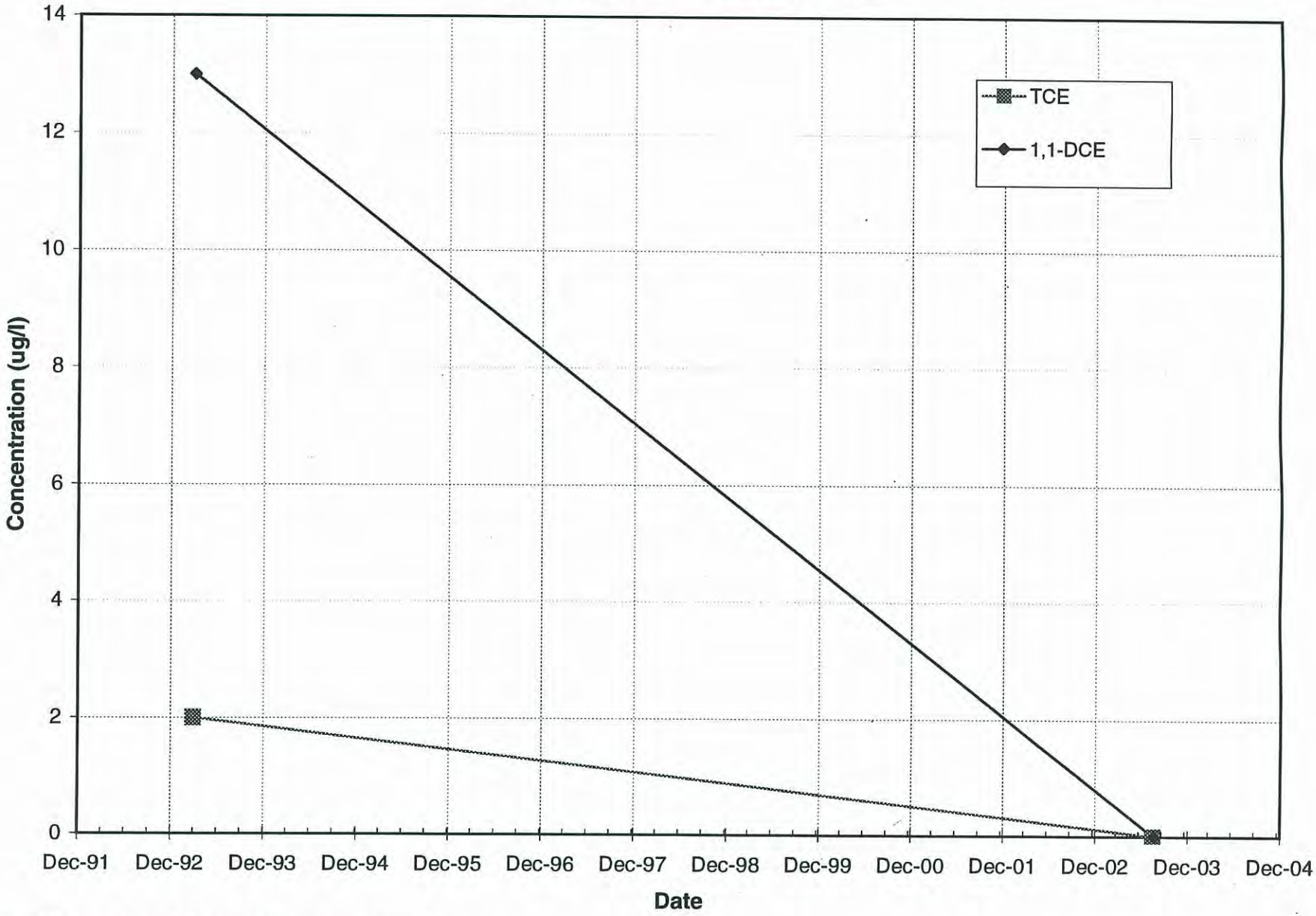
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporatio
Beaumont Site 1, Well MW-67
TCE and 1,1-DCE Concentrations



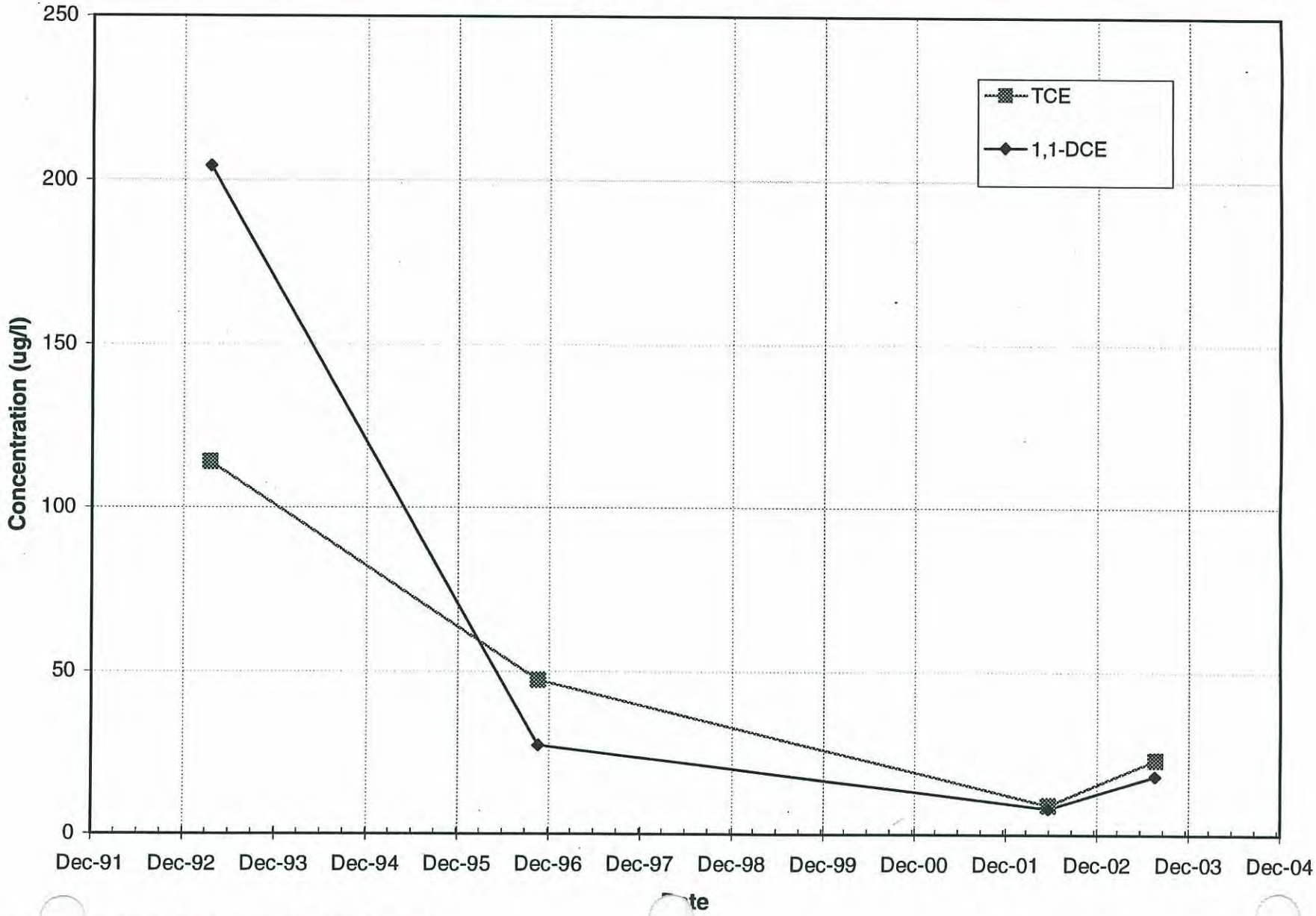
All non-detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well OW-01
TCE and 1,1-DCE Concentrations



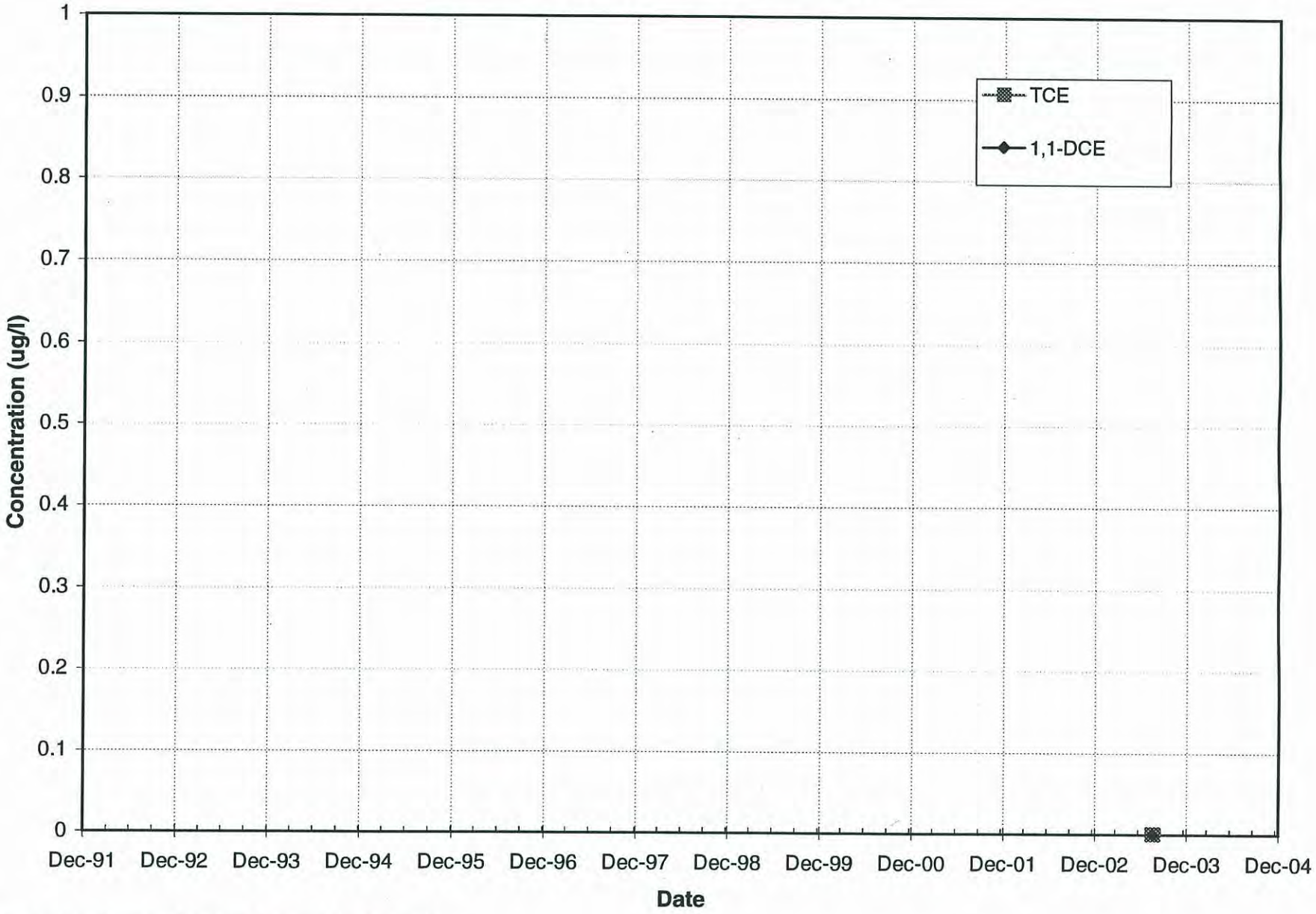
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well OW-02
TCE and 1,1-DCE Concentrations



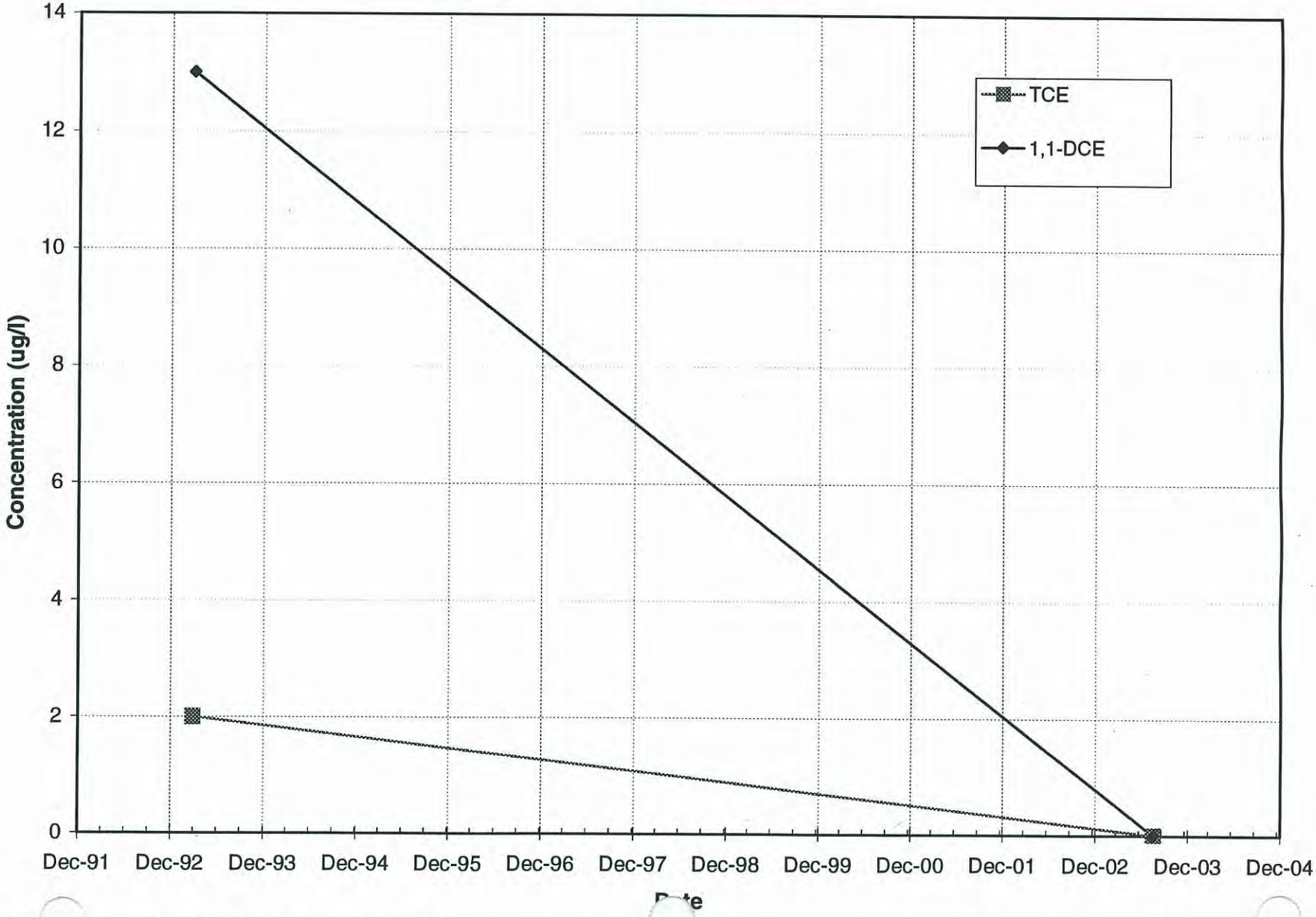
All non-detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well OW-08
TCE and 1,1-DCE Concentrations



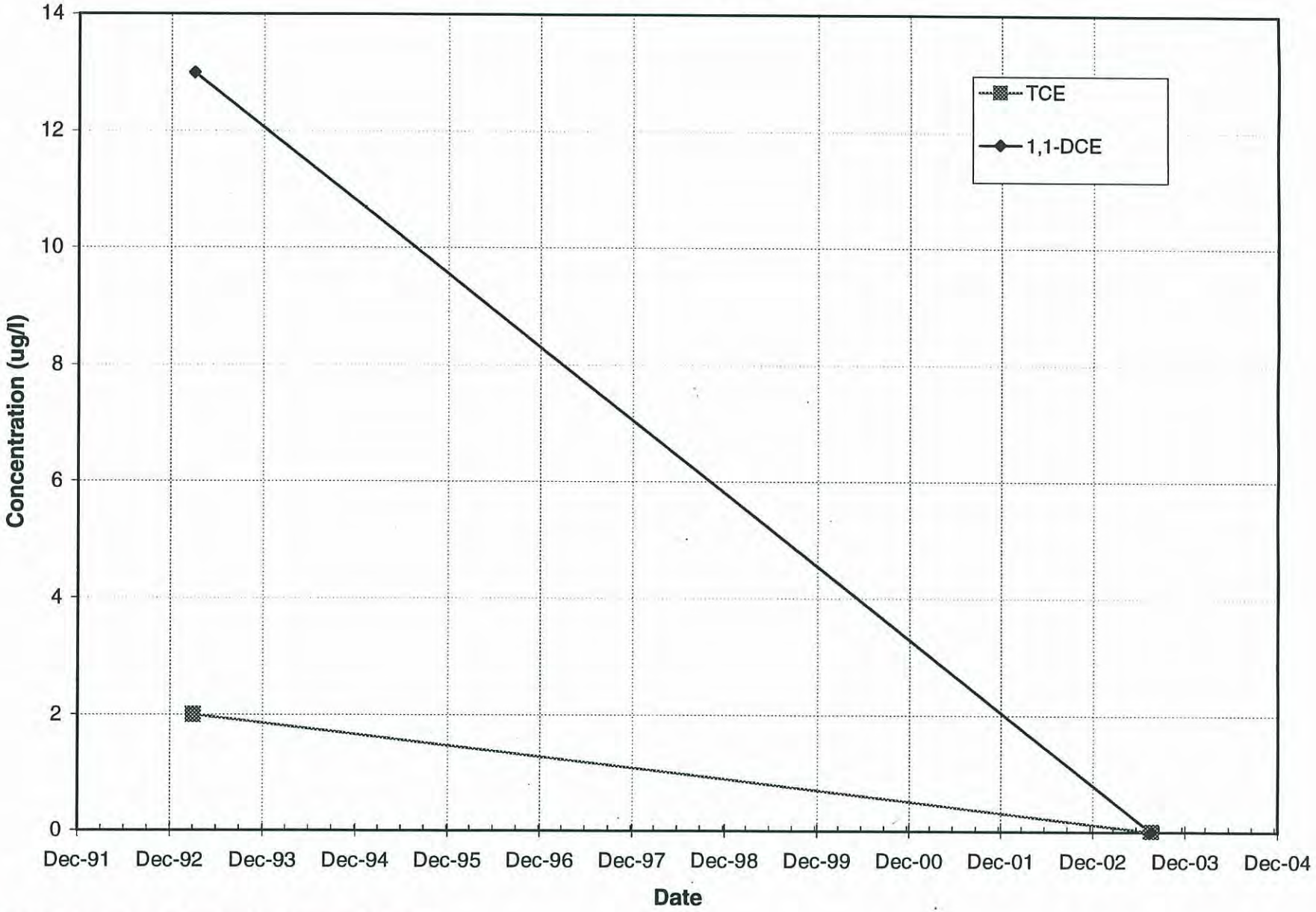
All non detects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well P-02
TCE and 1,1-DCE Concentrations



All non ..ects are set as zero for graphing purpose.

Lockheed Martin Corporation
Beaumont Site 1, Well P-04
TCE and 1,1-DCE Concentrations



All non detects are set as zero for graphing purpose.

APPENDIX D

(07-1059)

CHAIN OF CUSTODY RECORD

TETRA TECH, INC.
348 W. Hospitality Lane, Suite 100
San Bernardino, California 92408
Telephone: (909) 381-1674
FAX: (909) 889-1391

SHIP TO: CALSCIENCE ENV. LAB INC
7440 LINCOLN WAY
GARDEN GROVE, CA 92641

DATE 7/21/03 PAGE 1 OF 1

CLIENT: LOCKHEED
PROJECT NAME: BEAUMONT
PROJECT MANAGER: T. VILLENEUVE
TC #: 13062-02
SAMPLERS (Signatures)

LINE ITEM	SAMPLE NO.	DATE	TIME	8260 + MTBE	1,4-D. oxane	Perchlorate	FILTERED/UNFILTERED	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	PRESERVATIVE
1.	LTB-072103	7/21/03	10:30	X			U	W	G	2	HCl
2.	LEB-072103-P	↓	10:35	X	X	X	U	W	P/G	5	HCl $Na_2S_2O_3$
3.	MW-67-012103	↓	11:16	X	X	X	↓	↓	↓	↓	↓
4.	SW-05-072103	↓	11:30	X	X	X	↓	↓	↓	↓	↓
5.	SW-06-072103	↓	11:55	X	X	X	↓	↓	↓	↓	↓
6.	SW-07-072103	↓	13:15	X	X	X	↓	↓	↓	↓	↓
7.	SW-04-072103	↓	13:50	X	X	X	↓	↓	↓	↓	↓
8.	MW-15-072103	↓	14:10	X	X	X	↓	↓	↓	↓	↓
9.	MW-16-072103	↓	14:53	X	X	X	↓	↓	↓	↓	↓
10.	MW-18-012103	↓	15:41	X	X	X	↓	↓	↓	↓	↓

PARAMETERS

TURN-AROUND TIME
Standard

OBSERVATIONS/COMMENTS
Stored in TT Sample Frig overnight

*MW67 needs MS/MSD *

FILTERING: ☐ FILTERED ☐ UNFILTERED

MATRIX TYPE: S - Soil; M - Sediment; W - Water

CONTAINER TYPE: G - Glass Bottle/Jar; SS - Stainless Steel Sleeve; SB - Brass Sleeve; P - Plastic Bottle/Jar

PRESERVATIVES: (Water Only) HCL; NaOH; NR (None required); H_2SO_4

	SIGNATURE		DATE	TIME
RELINQUISHED BY: MARY DIESEL	Mary Diesel	TETRA TECH, INC.	7/21/03	5:00 PM
~~RECEIVED BY~~ Ben Weink		COMPANY: Tetra Tech	DATE: 7/22/03	TIME: 11:00 AM
~~RELINQUISHED BY~~ Howard Gabriel		COMPANY: Cal Science	DATE: 7/22/03	TIME: 11.05 AM
~~RECEIVED BY~~ Relinquished by Howard Gabriel		COMPANY: CALSCIENCE	DATE: 7/22/03	TIME: 12:25 PM

TOTAL NUMBER OF CONTAINERS ON THIS CHAIN OF CUSTODY: 47

METHOD OF SHIPMENT/SHIPMENT NO.: Courier

Special Shipping/Handling/Storage Requirements:

DISTRIBUTION: White and Pink = Tetra Tech, Inc. Canary = Laboratory

Received By: [signature] NORA CRUISE CALSCIENCE 7/22/03 12:25 pm

X:\GIS\ATT-MISC\COCR.CDR

(07-1139)

CHAIN OF CUSTODY RECORD

TETRA TECH, INC.
348 W. Hospitality Lane, Suite 100
San Bernardino, California 92408
Telephone: (909) 381-1674
FAX: (909) 889-1391

SHIP TO: CALSCIENCE ENV. LAB, INC 7440 LINCOLN GARDEN GROVE 92841

DATE 7/22/03 PAGE 1 OF 2

CLIENT: ~~FEIR~~ TETRA TECH
PROJECT NAME: LOCKHEED BEAUMONT
PROJECT MANAGER: T. VILLENUEVE
TC #: 13062
SAMPLERS (Signatures): Mary Diesel

LINE ITEM	SAMPLE NO.	DATE	TIME	1,4 DIOXANE	PERCHLORATE	FILTERED/UNFILTERED	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	PRESERVATIVE	OBSERVATIONS/COMMENTS
1.	LTB-072203	7/22/03	8:10			U	W	G	2	HCl	
2.	LEB-072203-P	7/22/03	8:15	X	X	U	W	GP	5	HCl	
3.	LEB-072203B	7/22/03	8:20	X	X	X					
4.	SW-02-072203		8:55	X	X	X					
5.	MW-45-072203		9:10	X	X	X					
6.	MW-145-072203		9:30	X	X	X					
7.	MW-43-072203		10:00	X	X	X					
8.	MW-47-072203		10:30	X	X	X					
9.	MW-48-072203		11:16	X	X	X					
10.	SW-02-072203		11:40	X	X	X					

PARAMETERS

TURN-AROUND TIME

FILTERING: ☐ FILTERED ☐ UNFILTERED

MATRIX TYPE: S - Soil; M - Sediment; W - Water

CONTAINER TYPE: G - Glass Bottle/Jar; SS - Stainless Steel Sleeve; SB - Brass Sleeve; P - Plastic Bottle/Jar

PRESERVATIVES: (Water Only) HCL; NaOH; NR (None required); H_2SO_4

RELINQUISHED BY	SIGNATURE		DATE	TIME	
MARY DIESEL	Mary Diesel	TETRA TECH, INC.	07/23/03	8:00 AM	TOTAL NUMBER OF CONTAINERS ON THIS CHAIN OF CUSTODY: 6/705 (67)
RECEIVED BY	SIGNATURE	COMPANY	DATE	TIME	
Howard Gabriel	Howard Gabriel	CalScience	07/23/03	11:05 AM	METHOD OF SHIPMENT/SHIPMENT NO.
RELINQUISHED BY	SIGNATURE	COMPANY	DATE	TIME	
Howard Gabriel	Howard Gabriel	CalScience	07/23/03	12:25 PM	Special Shipping/Handling/Storage Requirements:
RECEIVED BY	SIGNATURE	COMPANY	DATE	TIME	
Steve Rock		Calscience	7/23/03	1225	

DISTRIBUTION: White and Pink = Tetra Tech, Inc. Canary = Laboratory

X:\GIS\ATT-MISC\COCR.CDR

07-1139

CHAIN OF CUSTODY RECORD

TETRA TECH, INC.
348 W. Hospitality Lane, Suite 100
San Bernardino, California 92408
Telephone: (909) 381-1674
FAX: (909) 889-1391

SHIP TO: CALSCIENCE
ENV LAB
7440 LINCOLN
GARDEN GROVE, CA

DATE 7/22/03 PAGE 2 OF 2

CLIENT: TETRA TECH
PROJECT NAME: LOCKHEED BLAUMONT
PROJECT MANAGER: T. VILLENEUVE
TC #: 13662
SAMPLERS (Signatures)

LINE ITEM	SAMPLE NO.	DATE	TIME	8260C + MTBE	1-4 DIOXANE	PERCHLORATE	FILTERED/UNFILTERED	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	PRESERVATIVE	OBSERVATIONS/COMMENTS
1.	SW-01-072203	7/22/03	11:55	X	X	X	UF	W	G/P	5	HCl/Na$_2$S$_2$O$_3$	
2.	OW-02-072203		12:45	X	X	X						
3.	MW-08-072203		15:00	X	X	X						
4.	MW-09-072203		15:50	X	X	X						
5.												
6.												
7.												
8.												
9.												
10.												

PARAMETERS

TURN-AROUND TIME

FILTERING: ☐ FILTERED ☐ UNFILTERED

MATRIX TYPE: S - Soil; M - Sediment; W - Water

CONTAINER TYPE: G - Glass Bottle/Jar; SS - Stainless Steel Sleeve; SB - Brass Sleeve; P - Plastic Bottle/Jar

PRESERVATIVES: (Water Only) HCL; NaOH; NR (None required); H_2SO_4

RELINQUISHED BY	SIGNATURE	TETRA TECH, INC.	DATE	TIME	TOTAL NUMBER OF CONTAINERS ON THIS CHAIN OF CUSTODY: 20 cs 67
MARY DIESEL					
RECEIVED BY	SIGNATURE	COMPANY	DATE	TIME	METHOD OF SHIPMENT/SHIPMENT NO.
Howard Gabriel		Cal Science	07/23/03	11.05 AM	
RELINQUISHED BY	SIGNATURE	COMPANY	DATE	TIME	Special Shipping/Handling/Storage Requirements:
Howard Gabriel		Cal Science	07/23/03	12.25 PM	
RECEIVED BY	SIGNATURE	COMPANY	DATE	TIME	
		Calscience	7/23/03	1225	

DISTRIBUTION: White and Pink = Tetra Tech, Inc. Canary = Laboratory

X:\GIS\ATT-MISC\COCR.CDR

TETRA TECH, INC.
348 W. Hospitality Lane, Suite 100
San Bernardino, California 92408
Telephone: (909) 381-1674
FAX: (909) 889-1391

SHIP TO: CAL SCIENCE (CA-1241)
7440 LINCOLN WAY
GARDEN GROVE

CHAIN OF CUSTODY RECORD

DATE 7/23/03 PAGE 1 OF 1

CLIENT: TETRA TECH
PROJECT NAME: Lockheed Beaumont
PROJECT MANAGER: T. VILLENEUVE
TC #: 13062
SAMPLERS (Signatures)

LINE ITEM	SAMPLE NO.	DATE	TIME	8260 HVTBE	1-4 DIOXANE	PERCH LORATE	FILTERED/UNFILTERED	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	PRESERVATIVE
1	1. LTB-072303	7/23	8:20	X			U	W	G	2	HCl
2	2. LEB-072303-P		8:30	X	X	X	U	W	G/P	5	HCl/$Na_2S_2O_3$
3	3. GW-08-072303		9:28	X	X	X	U	W	G/P	7	HCl/$Na_2S_2O_3$ MS/MSD
4	4. MW-37-072303		10:22	X	X	X				5	
	~~5. P-02-072303~~			~~X~~	~~X~~	~~X~~				~~5~~	... DO
5	6. MW-12-072303		12:14	X	X	X				5	
6	7. P-04-072303		14:01	X	X	X				5	
7	8. P-02-072303		15:35	X	X	X				5	
	9.										
	10.										

PARAMETERS

TURN-AROUND TIME: standard

OBSERVATIONS/COMMENTS: Stored in TT frig overnight at 4°C

FILTERING: ☐ FILTERED ☐ UNFILTERED

MATRIX TYPE: S - Soil; M - Sediment; W - Water

CONTAINER TYPE: G - Glass Bottle/Jar; SS - Stainless Steel Sleeve; SB - Brass Sleeve; P - Plastic Bottle/Jar

PRESERVATIVES: (Water Only) HCL; NaOH; NR (None required); H_2SO_4

RELINQUISHED BY	SIGNATURE	COMPANY	DATE	TIME
MARY DIESEL	Mary Diesel	TETRA TECH, INC.	7/24/03	12:00
RECEIVED BY: Israel Orendain	Israel Orendain	Cal Science	7/24/03	1200
RELINQUISHED BY: Israel Orendain	Israel Orendain	Cal Science	7/24/03	1600
RECEIVED BY: NOEL CRUISE		CAL SCIENCE	7/24/03	1600

TOTAL NUMBER OF CONTAINERS ON THIS CHAIN OF CUSTODY: 54

METHOD OF SHIPMENT/SHIPMENT NO: Courier

Special Shipping/Handling/Storage Requirements:

X:\GIS\ATT-MISC\COCR.CDR

DISTRIBUTION: White and Pink = Tetra Tech, Inc. Canary = Laboratory

TETRA TECH, INC.
348 W. Hospitality Lane, Suite 100
San Bernardino, California 92408
Telephone: (909) 381-1674
FAX: (909) 889-1391

SHIP TO: CALSCIENCE
2440 LINCOLN WAY
GARDEN GROVE

C.F. (1364)

CHAIN OF CUSTODY RECORD

DATE 7/24/03 PAGE 1 OF 1

CLIENT: TETRA TECH
PROJECT NAME: LOCKHEED BEAUMONT
PROJECT MANAGER: T. VILLENFRANC
TC #: 13062
SAMPLERS (Signatures): Mary Diesel, Chris Patrick

LINE ITEM	SAMPLE NO.	DATE	TIME	8260 +MTBE	1-4 DIOXANE	PERCHLORATE	FILTERED/UNFILTERED	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	PRESERVATIVE	OBSERVATIONS/COMMENTS
1.	LTB-072403	7/24/03	8:40	X			U	W	G	2	HCl	
2.	LEB-072403-P		8:53	X	X	X	U	W	G/P	5	HCl/NR	H_2SO_4 03
3.	MW-56A-072403		10:16	X	X	X						
4.	MW-17-072403		12:06	X	X	X						
5.	MW-58A-072403		13:14	X	X	X						
6.	MW-136-072403		14:05	X	X	X						
7.	MW-36-072403		14:50	X	X	X						
8.	OW-01-072403		15:45	X	X	X						
9.	~~LEB-072403-B~~			~~X~~	~~X~~	~~X~~						~~TPC~~
10.												

FILTERING: ☐ FILTERED ☐ UNFILTERED

MATRIX TYPE: S - Soil; M - Sediment; W - Water

CONTAINER TYPE: G - Glass Bottle/Jar; SS - Stainless Steel Sleeve; SB - Brass Sleeve; P - Plastic Bottle/Jar

PRESERVATIVES: (Water Only) HCL; NaOH; NR (None required); H_2SO_4

TURN-AROUND TIME

RELINQUISHED BY	SIGNATURE		DATE	TIME
MARY DIESEL	Mary Diesel	TETRA TECH, INC.		
RECEIVED BY	SIGNATURE	COMPANY	DATE	TIME
BAC TA		CEL	7/25/3	1135
RELINQUISHED BY	SIGNATURE	COMPANY	DATE	TIME
BAC TA		CEL	7/25/3	1655
RECEIVED BY	SIGNATURE	COMPANY	DATE	TIME
NOEL CRUISE		CALSCIENCE	072503	1655

TOTAL NUMBER OF CONTAINERS ON THIS CHAIN OF CUSTODY: 37

METHOD OF SHIPMENT/SHIPMENT NO

Special Shipping/Handling/Storage Requirements:

DISTRIBUTION: White and Pink = Tetra Tech, Inc. Canary = Laboratory

X:\GIS\ATT-MISC\COCR.CDR

TETRA TECH, INC.
348 W. Hospitality Lane, Suite 100
San Bernardino, California 92408
Telephone: (909) 381-1674
FAX: (909) 889-1391

SHIP TO: CALSCIENCE
7440 LINCOLN WAY
GARDEN GROVE

(1402)

CHAIN OF CUSTODY RECORD

DATE 7/25/03 PAGE 1 OF 1

CLIENT: TETRA TECH
PROJECT NAME: Lockheed Beaumont
PROJECT MANAGER: T. Villeneuve
TC #: 12062
SAMPLERS (Signatures)

LINE ITEM	SAMPLE NO.	DATE	TIME	8260 + MTBE	1-4 Dioxane	Perchlorate	FILTERED/UNFILTERED	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	PRESERVATIVE	OBSERVATIONS/COMMENTS
1.	LTB-072503	7/25/03	8:10	X			U	W	G	2	HCl	
2.	LEB-072503-P		8:28	X	X	X	U	W	G/P	5	HCl/$Na_2S_2O_3$	
3.	MW-06-072503		9:00	X	X	X						
4.	MW-06-072503		9:34	X	X	X						
5.	MW-04-072503		11:22	X	X	X						
6.	MW-19-072503		12:25	X	X	X						
7.	MW-49-072503		13:36	X	X	X						
8.	MW-40-072503		14:50	X	X	X						
9.												
10.												

PARAMETERS

TURN-AROUND TIME

FILTERING: ☐ FILTERED ☐ UNFILTERED

MATRIX TYPE: S - Soil; M - Sediment; W - Water

CONTAINER TYPE: G - Glass Bottle/Jar; SB - Brass Sleeve; SS - Stainless Steel Sleeve; P - Plastic Bottle/Jar

PRESERVATIVES: (Water Only) HCL; NaOH; NR (None required); H_2SO_4

RELINQUISHED BY	SIGNATURE		DATE	TIME	TOTAL NUMBER OF CONTAINERS ON THIS CHAIN OF CUSTODY: 37
MARY DIESEL	Mary Diesel	TETRA TECH, INC.			
RECEIVED BY	SIGNATURE	COMPANY	DATE	TIME	METHOD OF SHIPMENT/SHIPMENT NO.
		CAL	7/28/03	11:35	
RELINQUISHED BY	SIGNATURE	COMPANY	DATE	TIME	Special Shipping/Handling/Storage Requirements:
		CAL	7/28/03	13:05	
RECEIVED BY	SIGNATURE	COMPANY	DATE	TIME	
Abel Rodriguez	Abel Rodriguez	CEL	7/28/03	1305	

DISTRIBUTION: White and Pink = Tetra Tech, Inc. Canary = Laboratory

X:\GIS\ATT-MISC\COCR.CDR

07-1463

TETRA TECH, INC.
348 W. Hospitality Lane, Suite 100
San Bernardino, California 92408
Telephone: (909) 381-1674
FAX: (909) 889-1391

SHIP TO: CAL SCIENCE
7440 LINCOLN WAY
GARDEN GROVE, CA

CHAIN OF CUSTODY RECORD

07-1463

DATE 7/28/03 PAGE 1 OF 1

CLIENT: TETRA TECH
PROJECT NAME: Lockheed Beaumont
PROJECT MANAGER: T. Villalvazo
TC #: 13062
SAMPLERS (Signature): Mary Diesel

LINE ITEM	SAMPLE NO.	DATE	TIME	8260 + TBE	1-4 DIOXANE	PERCHLORATE	FILTERED/UNFILTERED	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	PRESERVATIVE	TURN-AROUND TIME / OBSERVATIONS/COMMENTS
1.	LTB-072803	7/28/03	9:40	X			UF	W	G	2	HCl	
2.	LEB-072803-P	7/28/03	9:50	X	X	X	F	W	G/P	5	HCl / $Na_2S_2O_3$	
3.	MW-58C-072803		10:50	X	X	X				7		MS/MSD
4.	MW-59C-072803		12:20	X	X	X				5		
5.	MW-13-072803		13:58	X	X	X				5		
6.	MW-62A-072803		15:00	X	X	X				5		
7.												
8.												
9.												
10.												

FILTERING: ☐ FILTERED ☐ UNFILTERED

MATRIX TYPE: S - Soil; M - Sediment; W - Water

CONTAINER TYPE: G - Glass Bottle/Jar; SS - Stainless Steel Sleeve; SB - Brass Sleeve; P - Plastic Bottle/Jar

PRESERVATIVES: (Water Only) HCL; NR (None required); NaOH; H_2SO_4

RELINQUISHED BY	SIGNATURE	COMPANY	DATE	TIME	TOTAL NUMBER OF CONTAINERS ON THIS CHAIN OF CUSTODY: 29
MARY DIESEL	Mary Diesel	TETRA TECH, INC.	7/28/03	6:00 PM	
RECEIVED BY: Ben Weink	SIGNATURE	COMPANY: Tetra Tech Inc.	DATE: 7/29/03	TIME: 8:30 AM	METHOD OF SHIPMENT/SHIPMENT NO.
~~RELINQUISHED BY~~ Received by: Howard Gabriel	SIGNATURE	COMPANY: Cal Science	DATE: 07/29/03	TIME: 11:05 AM	Special Shipping/Handling/Storage Requirements:
~~RECEIVED BY~~ Relinquished by: Howard Gabriel	SIGNATURE	COMPANY: Cal Science	DATE: 07/29/03	TIME: 12:15 pm	

DISTRIBUTION: White and Pink = Tetra Tech, Inc. Canary = Laboratory

Received by — signature: [signature] — company: Cal Science — 7/29/03 12:30

X:\GIS\ATT-MISC\COCR.CDR

03-07-1555

03-07-1555

CHAIN OF CUSTODY RECORD

TETRA TECH, INC.
348 W. Hospitality Lane, Suite 100
San Bernardino, California 92408
Telephone: (909) 381-1674
FAX: (909) 889-1391

SHIP TO: CAL. SCIENCE
7440 LINCOLN
GARDEN GROVE, CA

DATE 7/29/03 PAGE 1 OF 1

CLIENT: TETRA TECH
PROJECT NAME: Lockheed Beaumont
PROJECT MANAGER: T. VILLENEUVE
TC #: 13062
SAMPLERS (Signatures): Mary Diesel

LINE ITEM	SAMPLE NO.	DATE	TIME	8260 + 8 MTBE	1,4 Dioxane	Perchlorate	FILTERED/UNFILTERED	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	PRESERVATIVE
1.	LTB-072903	7/29/03	8:10	X			U	W	G	2	HCl
2.	LEB-072903-P		8:20	X	X	X	U	W	3/P	5	HCl / H_2SO_4 0.3
3.	MW-56B-072903		9:20	X	X	X					
4.	MW-56D072903		10:15	X	X	X					
5.	MW-58D-072903		11:40	X	X	X					
6.	MW-58B-072903		13:10	X	X	X					
7.	MW-59D-072903		14:40	X	X	X					
8.											
9.											
10.											

PARAMETERS

TURN-AROUND TIME

OBSERVATIONS/COMMENTS

FILTERING: ☐ FILTERED ☐ UNFILTERED

MATRIX TYPE: S - Soil; M - Sediment; W - Water

CONTAINER TYPE: G - Glass Bottle/Jar; SS - Stainless Steel Sleeve; SB - Brass Sleeve; P - Plastic Bottle/Jar

PRESERVATIVES: (Water Only) HCL; NaOH; NR (None required); H_2SO_4

RELINQUISHED BY: MARY DIESEL	SIGNATURE: Mary Diesel	TETRA TECH, INC.	DATE: 7-30-03	TIME: 11:08AM	TOTAL NUMBER OF CONTAINERS ON THIS CHAIN OF CUSTODY: 32
RECEIVED BY: Howard Gabriel	SIGNATURE: Howard Gabriel	COMPANY: Cal Science	DATE: 07/30/03	TIME: 11:08 AM	METHOD OF SHIPMENT/SHIPMENT NO.
RELINQUISHED BY: Howard Gabriel	SIGNATURE: Howard Gabriel	COMPANY: Cal Science	DATE: 07/30/03	TIME: 12:20 PM	Special Shipping/Handling/Storage Requirements:
RECEIVED BY: PAUL PRAM	SIGNATURE:	COMPANY: Cal Science	DATE: 7-30-03	TIME: 1220	

DISTRIBUTION: White and Pink = Tetra Tech, Inc. Canary = Laboratory

X:\GIS\ATT-MISC\COCR.CDR

TETRA TECH, INC.
348 W. Hospitality Lane, Suite 100
San Bernardino, California 92408
Telephone: (909) 381-1674
FAX: (909) 889-1391

SHIP TO: CAL SCIENCE
7440 LINCOLN WAY
GARDEN GROVE

01 (1630)

CHAIN OF CUSTODY RECORD

DATE 7/30/03 PAGE 1 OF 1

CLIENT: TETRA TECH
PROJECT NAME: Lockheed Beaumont
PROJECT MANAGER: T. VILLENEUVE
TC #: 13062
SAMPLERS (Signatures): Mary Diesel

LINE ITEM	SAMPLE NO.	DATE	TIME	8260 + MTBE	1-4 DIOXANE	PERCHLORATE	FILTERED/UNFILTERED	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	PRESERVATIVE
1.	LTB-073003	7/30/03	8:45	X			U	W	G	2	HCl
2.	LEB-073003-F		8:51	X	X	X	U	W	G/P	5	HCl/$Na_2S_2O_3$
3.	MW-05-073003		9:10	X	X	X					
4.	MW-05-073003		9:40	X	X	X					
5.	MW-42-073003		10:43	X	X	X					
6.	MW-56C-073003		11:56	X	X	X					
7.	MW-66-073003		12:58	X	X	X					
8.	~~MW-03-073003~~			X	X	X					
9.	MW-01-073003	7/30/03	13:57	X	X	X	U	W	G/P	5	HCl/$Na_2S_2O_3$
10.											

PARAMETERS

TURN-AROUND TIME

OBSERVATIONS/COMMENTS

FILTERING: ☐ FILTERED ☐ UNFILTERED

MATRIX TYPE: S - Soil; M - Sediment; W - Water

CONTAINER TYPE: G - Glass Bottle/Jar; SS - Stainless Steel Sleeve; SB - Brass Sleeve; P - Plastic Bottle/Jar

PRESERVATIVES: (Water Only) HCL; NaOH; NR (None required); H_2SO_4

RELINQUISHED BY	SIGNATURE		DATE	TIME
MARY DIESEL	Mary Diesel	TETRA TECH, INC.	7-31	11:15
RECEIVED BY	SIGNATURE	COMPANY	DATE	TIME
Howard Gabriel	Howard Gabriel	Cal Science	07/31/03	11:15
RELINQUISHED BY	SIGNATURE	COMPANY	DATE	TIME
Howard Gabriel	Howard Gabriel	Cal Science	07/31/03	12:25
RECEIVED BY	SIGNATURE	COMPANY	DATE	TIME
A. ENRIQUEZ		CEL	7/31/03	1225

TOTAL NUMBER OF CONTAINERS ON THIS CHAIN OF CUSTODY: 37

METHOD OF SHIPMENT/SHIPMENT NO.

Special Shipping/Handling/Storage Requirements:

DISTRIBUTION: White and Pink = Tetra Tech, Inc. Canary = Laboratory

X:\GIS\ATT-MISC\COCR.CDR

CS(-0026)

CHAIN OF CUSTODY RECORD

TETRA TECH, INC.
348 W. Hospitality Lane, Suite 100
San Bernardino, California 92408
Telephone: (909) 381-1674
FAX: (909) 889-1391

SHIP TO: Cal Science
7440 Lincoln
Garden Grove, CA

DATE 7/31/03 PAGE 1 OF 1

CLIENT: TETRA TECH
PROJECT NAME: Lockheed Beaumont
PROJECT MANAGER: T. VICLENEAVE
TC #: 13062
SAMPLERS (Signatures): Mary Diesel

PARAMETERS

LINE ITEM	SAMPLE NO.	DATE	TIME	8260 BTEX MTBE	1-4 Dioxane	Perchlorate	FILTERED/UNFILTERED	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	PRESERVATIVE	OBSERVATIONS/COMMENTS
1.	LTB-073103	7/31/03	8:20	X			U	W	G	2	HCl	
2.	LEB-073103-P		8:28	X	X	X	U	W	G/P	5	HCl/NR	5,03
3.	MW-135-073103		9:00	X	X	X				5		
4.	MW-35-073103		9:50	X	X	X				7		MS/MSD
5.	MW-32-073103		11:10	X	X	X				5		
6.	MW-03-073103		12:20	X	X	X				5		
7.	MW-16-073103		14:15	X	X	X				5		
8.												
9.												
10.												

TURN-AROUND TIME

FILTERING: ☐ FILTERED ☐ UNFILTERED

MATRIX TYPE: S - Soil; M - Sediment; W - Water

CONTAINER TYPE: G - Glass Bottle/Jar; SB - Brass Sleeve; SS - Stainless Steel Sleeve; P - Plastic Bottle/Jar

PRESERVATIVES: (Water Only) HCL; NaOH; NR (None required); H_2SO_4

RELINQUISHED BY	SIGNATURE	COMPANY	DATE	TIME
MARY DIESEL	Mary Diesel	TETRA TECH, INC.	8-1-03	11:05
RECEIVED BY: Howard Gabriel	Howard Gabriel	Cal Science	08/01/03	11:05
RELINQUISHED BY: Howard Gabriel	Howard Gabriel	Cal Science	08/01/03	12:25
RECEIVED BY: A. ENRIQUEZ			8/01/03	1225

TOTAL NUMBER OF CONTAINERS ON THIS CHAIN OF CUSTODY: 34

METHOD OF SHIPMENT/SHIPMENT NO.

Special Shipping/Handling/Storage Requirements:

DISTRIBUTION: White and Pink = Tetra Tech, Inc. Canary = Laboratory

X:\GIS\ATT-MISC\COCR.CDR

TERRA TECH, INC.
348 West Hospitality Lane, Suite 300
San Bernardino, CA 92408-3216
(909) 381-1674; FAX (909) 889-1391

Lockheed Beaumont
GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - STATIC WATER LEVELS

July 2003

Monitoring Well I.D.	Mar-03 Static Water Level	Date Measured	Time	Water Level (feet)	Second Static Water Level (feet) see foot note	Sample This Quarter	Well TD (feet)	Comments
EW-01	41.98	7/11/03	11:35	42.33	42.33			
EW-02	27.22	7/11/03	12:30	27.65	27.65			
EW-08	74.89	7/14/03	9:16	75.41	75.41			
EW-09	76.45	7/14/03	9:11	77.07	77.07			
EW-10	76.74	7/14/03	9:19	77.35	77.35			
EW-11	76.92	7/14/03	10:00	77.0	77.0			
EW-12	78.32	7/14/03	9:28	79.00	79.00			
EW-13	78.06	7/14/03	10.05	78.60	~~10.22~~	Y	101.22 T	
EW-14	81.12	7/14/03	9:32	81.95	81.95			
EW-15	78.40	7/14/03	10:26	79.38	79.38			
EW-16	79.78	7/14/03	10:10	80.68	80.68			
EW-17	77.42	7/14/03	10.55	77.25	77.25			1 1/2 feet from ~~top~~ TOC to GPS this location TOV
EW-18	77.96	7/14/03	10:15	79.32	79.32			

NOTE:
NA - Not Available
ND - Not Detected
If difference from this month and previous month is greater than 0.5 ft. confirm measurement with 2nd static water level measurement.

TETRA TECH, INC.
348 West Hospitality Lane, Suite 300
San Bernardino, CA 92408-3216
(909) 381-1674; FAX (909) 889-1391

Lockheed Beaumont
GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - STATIC WATER LEVELS

July 200

Monitoring Well I.D.	Mar-03 Static Water Level	Date Measured	Time	Water Level (feet)	Second Static Water Level (feet) see foot note	Sample This Quarter	Well TD (feet)	Comments
IW-01	60.46	7/11/03	10:20	60.12 ~~60.42~~	60.12			
IW-02	54.71	7/11/03	10:28	54.50	54.50			
IW-03	35.93	7/11/03	8:30	37.00	37.00		~~37~~	
IW-04	38.56	7/11/03	8:20	39.59	39.59	Y	61.96	
IW-05	40.42	7/11/03	8:15	41.53	41.53			
MW-01	76.51	7/10/03	2:00	76.18	76.18	Y	127.33	
MW-02	68.91	7/11/03	1:10	69.00	69.00	Y	91.64	
MW-03	128.30	7/11/03	1:15	129.00	129.00	Y	278.68	
MW-04	58.84	11/14/03	8:11	59.02	59.02			
MW-05	22.91	7/11/03	9:00	23.19 ~~24.39~~	23.19	Y	45.21	
MW-06	25.71	7/11/03	9:05	26.50	26.50	Y	115.98	

NOTE:
NA - Not Available
ND - Not Detected
If difference from this month and previous month is greater than 0.5 ft. confirm measurement with 2nd static water level measurement.

TETRA TECH, INC.
348 West Hospitality Lane, Suite 300
San Bernardino, CA 92408-3216
(909) 381-1674; FAX (909) 889-1391

Lockheed Beaumont
GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - STATIC WATER LEVELS

July 2

Monitoring Well I.D.	Mar-03 Static Water Level	Date Measured	Time	Water Level (feet)	Second Static Water Level (feet) see foot note	Sample This Quarter	Well TD (feet)	Comments
MW-07	75.98	7/10/03	2:05	75.58	75.58	Y	91.88	
MW-08	15.71	7/10/03	11:00	16.29	16.29	Y	35.39	
MW-09	3.49	7/10/03	10:55	3.30	3.30	Y	119.47	
MW-10	76.33	7/10/03	1:25	77.10	77.10		100.05	
MW-11	43.35	7/10/03	12:41	43.50	43.50	Y	67.02	
MW-12	17.44	7/10/03	12:10	20.30	20.30	Y	50.72	
MW-13	9.33	7/10/03	11:35	13.69	13.69	Y	37.80	
MW-14	31.71	7/10/03	10:25	31.59	31.59	Y	50.56	
MW-15	26.82	7/10/03	10:00	28.31	28.31	Y	92.21	
MW-16	NA	7/10/03	9:40	2.22	2.22	Y	5.60	
MW-17	40.69	7/11/03	10:45	40.41	40.41	Y	65.51	
MW-18	26.63	7/10/03	10:05	28.01	28.01	Y	52.20	
MW-19	21.91	7/11/03	9:15	22.27	22.27	Y	46.75	

NOTE:
NA - Not Available
ND - Not Detected
If difference from this month and previous month is greater than 0.5 ft. confirm measurement with 2nd static water level measurement.

TETRA TECH, INC.
348 West Hospitality Lane, Suite 300
San Bernardino, CA 92408-3216
(909) 381-1674; FAX (909) 889-1391

Lockheed Beaumont
GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - STATIC WATER LEVELS

July

Monitoring Well I.D.	Mar-03 Static Water Level	Date Measured	Time	Water Level (feet)	Second Static Water Level (feet) see foot note	Sample This Quarter	Well TD (feet)	Comments
MW-20	61.46	7/11/03	1:45	61.35	61.35	Y	97.72	
MW-21	59.78	7/14	8:00	59.91	59.91	Y	95.91	
MW-22	68.89	7/14/03	~~8:45~~ 8:50	69.30	69.30	Y	113.88	
MW-23	61.10	7/14/03	8:02	61.21	61.21			
MW-24	NA	7/14/03	8:40	OBSTRUCTION 65.08-		Y		Obstruction in well at 65.18'
MW-26	80.75	7/14/03	10:35	80.58	80.58	Y	126.12	
MW-27	79.72	7/10/03	1:30	80.48	80.48	Y	81.48	
MW-28	60.34	7/11/03	1:49	60.15	60.15	Y	132.18	
MW-29	26.29	7/11/03	8:48	27.38	27.38			
MW-30	59.85	7/14/03	8:04	60.18	60.18	Y	122.12	
MW-31	95.86	7/14/03	10:30	96.17	96.17	Y		
MW-32	89.93	7/10/03	2:08	89.71	89.71	Y	222.15	
MW-34	51.20	7/14/03	8:15	51.10	51.10	Y	83.88	

NOTE:
NA - Not Available
ND - Not Detected
If difference from this month and previous month is greater than 0.5 ft. confirm measurement with 2nd static water level measurement.

TETRA TECH, INC.
348 West Hospitality Lane, Suite 300
San Bernardino, CA 92408-3216
(909) 381-1674; FAX (909) 889-1391

Lockheed Beaumont
GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - STATIC WATER LEVELS

July 2003

Monitoring Well I.D.	Mar-03 Static Water Level	Date Measured	Time	Water Level (feet)	Second Static Water Level (feet) see foot note	Sample This Quarter	Well TD (feet)	Comments
MW-35	70.51	7/10/03	2:08	70.18	70.18	Y	99.12	
MW-36	98.02	7/10/03	1:53	75.88	75.88	Y	103.11	
MW-37	29.63	7/10/03	11:25	33.49	33.49	Y	61.90	
MW-38	47.03	7/10/03	9:50	45.90	45.90		Q	
MW-39	43.65	7/14/03	7:52	43.72	43.72			
MW-40	39.13	7/10/03	12:25	39.96	39.96	Y	67.48	
MW-41	34.56	7/11/03	12:15	35.12	35.12			
MW-42	6.69	7/11/03	9:25	9.60	9.60	Y	37.99	
MW-43	5.14	7/10/03	10:40	6.25	6.25	Y	24.49	
MW-44	31.03	7/11/03	8:20	31.68	31.68			
MW-45	Artesian	7/10/03	10:45	artesian		Y		
MW-46	51.92	7/10/03	11:23	50.46	50.46	Y	62.18	
MW-47	Artesian	7/10/03	10:50	artesian		Y		

NOTE:
NA - Not Available
ND - Not Detected
If difference from this month and previous month is greater than 0.5 ft. confirm measurement with 2nd static water level measurement.

TETRA TECH, INC.
348 West Hospitality Lane, Suite 300
San Bernardino, CA 92408-3216
(909) 381-1674; FAX (909) 889-1391

Lockheed Beaumont
GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - STATIC WATER LEVELS

July 2003

Monitoring Well I.D.	Mar-03 Static Water Level	Date Measured	Time	Water Level (feet)	Second Static Water Level (feet) see foot note	Sample This Quarter	Well TD (feet)	Comments
MW-48	8.24	7/10/03	10:52	10.29	10.29	Y	24.04	
MW-49	31.34	7/11/03	11:25	31.30	31.30	Y	53.19	
MW-50	51.15	7/10/03	10:35	51.30	51.30			
MW-51	37.95	7/11/03	11:15	38.08	38.08			
MW-52	36.34	7/11/03	11:18	36.30	36.30			
MW-53	53.02	7/11/03	10:30	52.87	52.87	Y	75.21	
MW-54	52.96	7/11/03	2:00	52.80	52.80	Y	74.61	
MW-55	65.92	7/11/03	1:33	65.80	65.80	Y	92.82	
MW-56A	54.50	7/11/03	11:35	54.44	54.44	Y	179.80	
MW-56B	42.38	7/11/03	11:38	42.58	42.58	Y	91.80	
MW-56C	42.52	7/11/03	11:42	42.51	42.51	Y	59.55	
MW-56D	42.21	7/11/03	11:46	42.06	42.06	Y	75.06	
MW-57A	45.64	7/11/03	12:50	45.49	45.49	Y	68.90	

NOTE:
NA - Not Available
ND - Not Detected
If difference from this month and previous month is greater than 0.5 ft. confirm measurement with 2nd static water level measurement.

TETRA TECH, INC.
348 West Hospitality Lane, Suite 300
San Bernardino, CA 92408-3216
(909) 381-1674; FAX (909) 889-1391

Lockheed Beaumont
GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - STATIC WATER LEVELS

July 2003

Monitoring Well I.D.	Mar-03 Static Water Level	Date Measured	Time	Water Level (feet)	Second Static Water Level (feet) see foot note	Sample This Quarter	Well TD (feet)	Comments
MW-57B	45.88	7/11/03	12:58 1:00	45.70	45.70	Y	97.00	
MW-57C	45.64	7/11/03	~~12~~	45.49	45.49	Y	84.50	
MW-57D	45.78	7/11/03	12 56	45.70	45.70	Y	57.37	
MW-58A	40.81	7/11/03	11:05	~~40.62~~ 40.63	40.62	Y	81.99	
MW-58B	40.64	7/11/03	11:10	40.61	40.61	Y	50.69	
MW-58C	40.01	7/11/03	11:14	40.93	40.93	Y	60.09	
MW-58D	41.00	7/11/03	11:19	40.87	40.87	Y	71.05	
MW-59A	82.10	7/14/03	9:04	82.62	87.62			
MW-59B	77.52	7/14/03	9:05	78.02	78.02			
MW-59C	79.26	7/14/03	9:06	79.73	79.73	Y	135.19	
MW-59D	78.77	7/14/03	9:08	79.05	79.05	Y	121.30	
MW-60A	81.77	7/14/03	9:21	82.30	82.30	Y	132.37	
MW-60B	80.12	7/14/03	9:23	80.86	80.86	Y	116.64	

NOTE:
NA - Not Available
ND - Not Detected
If difference from this month and previous month is greater than 0.5 ft. confirm measurement with 2nd static water level measurement.

TETRA TECH, INC.
348 West Hospitality Lane, Suite 300
San Bernardino, CA 92408-3216
(909) 381-1674; FAX (909) 889-1391

Lockheed Beaumont
GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - STATIC WATER LEVELS

July 2003

Monitoring Well I.D.	Mar-03 Static Water Level	Date Measured	Time	Water Level (feet)	Second Static Water Level (feet) see foot note	Sample This Quarter	Well TD (feet)	Comments
MW-61A	82.49	7/14/03	10:17	83.41	83.41	Y	148.91	
MW-61B	81.41	7/14/03	10:20	82.58	82.58	Y	102.07	
MW-61C	87.31	7/14/03	10:21	87.77	87.77	Y	130.91	
MW-61D	84.73	7/14/03	10:23	85.31	85.31	Y	116.25	
MW-62A	31.51	7/11/03	1220	31.80	31.80	Y	42.00	
MW-62B	32.13	7/11/03	12:25	32.16	32.16			
MW-63	55.69	7/11/03	1:55	55.60	55.60			
MW-64	29.17	7/11/03	12:35	29.59	29.59			
MW-65	29.88	7/11/03	12:45	30.32	30.32			
MW-66	33.23	7/11/03	8:35	34.15	34.15	Y	48.81	
MW-67		7/11/03	1:30	5.20	5.20	Y	15.20	GPS this location
OW-01	Dry Well	7/10/03	1:45	59.78	59.78	Y	70.22	

NOTE:
NA - Not Available
ND - Not Detected
If difference from this month and previous month is greater than 0.5 ft. confirm measurement with 2nd static water level measurement.

TETRA TECH, INC.
348 West Hospitality Lane, Suite 300
San Bernardino, CA 92408-3216
(909) 381-1674; FAX (909) 889-1391

Lockheed Beaumont
GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - STATIC WATER LEVELS

July 2003

Monitoring Well I.D.	Mar-03 Static Water Level	Date Measured	Time	Water Level (feet)	Second Static Water Level (feet) see foot note	Sample This Quarter	Well TD (feet)	Comments
OW-02	3.61	7/10/03	11:15	3.85	3.85	Y	18.42	
OW-03	43.43	7/11/03	11:45	43.35	43.35			
OW-05	Dry Well	7/10/03	11:52	DRY	DRY		68.10	
OW-08	50.74	7/10/03	10:15	49.62	49.62	Y	62.89	
P-02	15.81	7/10/03	11:44	17.06	17.06	Y	36.62	
P-03	44.97	7/11/03	8:04	45.60	45.60	Y	60.31	
P-04	26.73	7/10/03	11:57	25.67	25.67	Y	50.08	
P-05	62.02	7/10/03	2:30	61.21	61.21	Y	72.98	

NOTE:
NA - Not Available
ND - Not Detected
If difference from this month and previous month is greater than 0.5 ft. confirm measurement with 2nd static water level measurement.

TETRA TECH, INC.
348 West Hospitality Lane, Suite 300
San Bernardino, CA 92408-3216
(909) 381-1674; FAX (909) 889-1391

Lockheed Beaumont
GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - STATIC WATER LEVELS

July 2003

Monitoring Well I.D.	Mar-03 Static Water Level	Date Measured	Time	Water Level (feet)	Second Static Water Level (feet) see foot note	Sample This Quarter	Well TD (feet)	Comments

NOTE:
NA - Not Available
ND - Not Detected
If difference from this month and previous month is greater than 0.5 ft. confirm measurement with 2nd static water level measurement.

TETRA TECH, INC.
348 West Hospitality Lane, Suite 300
San Bernardino, CA 92408-3216
(909) 381-1674; FAX (909) 889-1391

BEAUMONT 108 wells

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - STATIC WATER LEVELS

March 2003

Monitoring Well I.D.	May-02 Static Water Level	Date Measured	Time	Water Level (feet)	Second Static Water Level (feet) see foot note	Dedicated Pump (Y/N)	Sample This Quarter	Comments
EW-01	48.62	3/20/03	1:41	41.98	41.98	—	—	
EW-02	40.45	3/20/03	12:39	27.22	27.22	—	—	
EW-08	70.65	3/2/03	10:01	74.89	74.89			
EW-09	72.22	3/20/03	2:06	76.45 ~~Dry~~	76.45 ~~well~~	—	—	~~TD 25.~~
EW-10	72.39	3/21/03	10:06	76.74	76.74	—	—	
EW-11	72.68	3/21/03	9:55	76.92	76.92	—	—	
EW-12	73.90	3/21/03	10:17	78.32	78.32	—	—	(old MW25)
EW-13	73.60	3/21/03	10:11	78.06	78.06	—	—	
EW-14	76.54	3/21/03	10:21	81.12	81.12	—	—	
EW-15	75.31	3/21/03	9:33	78.48	78.40	—	—	
EW-16	75.37	3/21/03	10:25	79.78	79.78	—	—	
EW-17	73.26	3/21/03	10:33	77.42	77.42	—	—	
EW-18	74.38	3/21/03	~~10:01~~ 10:40	~~74.89~~ 77.96	~~74.88~~ 77.96	—	—	

NOTE:
NA - Not Available
ND - Not Detected
difference from this month and previous month is greater than 0.5 ft. confirm measurement with 2nd static water level measurement.

TETRA TECH, INC.
348 West Hospitality Lane, Suite 300
San Bernardino, CA 92408-3216
(909) 381-167 ; FAX (909) 889-1391

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - STATIC WATER LEVELS

March 2003

Monitoring Well I.D.	May-02 Static Water Level	Date Measured	Time	Water Level (feet)	Second Static Water Level (feet) see foot note	Dedicated Pump (Y/N)	Sample This Quarter	Comments
IW-01	56.53	3/20/03	11:37	~~60.69~~ 60.46	60.46 ~~60.46~~	-	-	
IW-02	50.87	3/20/03	11:43	54.71	54.71	-	-	
IW-03	4.64	3/20/03	1:11	35.93	35.93	-	-	
IW-04	2.81	3/20/03	1:08	38.56	38.56	-	-	
IW-05	35.00	3/20/03	1:05	40.42	40.42	-	-	
MW-01	72.49	3/20/03	1:55	76.51	76.51	-	-	
MW-02	64.86	3/20/03	2:17	68.91	68.91	-	-	
MW-03	125.34	3/20/03	2:20	128.30	128.30	-	-	
MW-04	54.77	3/20/03	2:50	58.84	58.84	-	-	
MW-05	19.74	3/20/03	12:44	22.91	22.91	-	-	
MW-06	21.62	3/20/03	12:46	25.71	25.71	-	-	

NOTE:
NA - Not Available
ND - Not Detected
If difference from this month and previous month is greater than 0.5 ft. confirm measurement with 2nd static water level measurement.

TETRA TECH, INC.
348 West Hospitality Lane, Suite 300
San Bernardino, CA 92408-3216
(909) 381-1674; FAX (909) 889-1391

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - STATIC WATER LEVELS

March 2003

Monitoring Well I.D.	May-02 Static Water Level	Date Measured	Time	Water Level (feet)	Second Static Water Level (feet) see foot note	Dedicated Pump (Y/N)	Sample This Quarter	Comments
MW-07	71.96	3/20/03	1:54	75.98	75.98	—	—	
MW-08	14.32	3/20/03	10:33	15.71	15.71	—	—	
MW-09	1.45	3/20/03	10:38	3.49	3.49	—	—	
MW-10	71.74	3/20/03	3:11	76.33	76.33	—	—	
MW-11	41.19	3/20/03	9:22	43.35	43.35	—	—	
MW-12	26.97	3/20/03	9:41	17.44	17.44	—	—	
MW-13	16.91	3/20/03	10:59	9.33	9.33	—	—	
MW-14	35.57	3/20/03	10:16	31.71	31.71	—	—	
MW-15	29.32	3/20/03	10:03	26.82	26.82	—	—	
MW-16	NA							Well Destroyed
MW-17	36.89	3/20/03	12:00	40.69	40.69	—	—	
MW-18	28.95	3/20/03	10:01	26.63	26.63	—	—	
MW-19	18.54	3/20/03	12:04	21.91	21.91	—	—	

NOTE:
NA - Not Available
ND - Not Detected
If difference from this month and previous month is greater than 0.5 ft. confirm measurement with 2nd static water level measurement.

TETRA TECH, INC.
348 West Hospitality Lane, Suite 300
San Bernardino, CA 92408-3216
(909) 381-1674; FAX (909) 889-1391

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - STATIC WATER LEVELS

March 2003

Monitoring Well I.D.	May-02 Static Water Level	Date Measured	Time	Water Level (feet)	Second Static Water Level (feet) see foot note	Dedicated Pump (Y/N)	Sample This Quarter	Comments
MW-20	57.52	3/20/03	2:32	61.46	61.46	—	—	
MW-21	55.85	3/20/03	2:57	59.78	59.78	—	—	
MW-22	64.70	3/20/03	2:13	68.89	68.89	—	—	
MW-23	57.17	3/20/03	2:55	61.10	61.10	—	—	
MW-24	78.60	3/21/03	9:48	—	—	—	—	obstruction 65.18 ~~FD~~ - unable to measure
MW-26	76.75	3/21/03	9:45	80.75	80.75	—	—	
MW-27	75.03	3/20/03	3:06	79.72 ~~DRY~~ ~~WET~~	79.72	—	—	~~FD~~ ~~78.44~~ ?
MW-28	56.41	3/20/03	2:34	60.34	60.34	—	—	
MW-29	24.70	3/20/03	12:50	26.29	26.29	—	—	
MW-30	55.65	3/20/03	2:59	59.85	59.85	—	—	
MW-31	92.21	3/21/03	9:26	96.9586	95.86	—	—	
MW-32	84.70	3/20/03	1:51	89.93	89.93	—	—	
MW-34	46.90	3/20/03	2:48	50 51.20	51.20	-	-	

NOTE:
NA - Not Available
ND - Not Detected
If difference from this month and previous month is greater than 0.5 ft. confirm measurement with 2nd static water level measurement.

TETRA TECH, INC.
348 West Hospitality Lane, Suite 300
San Bernardino, CA 92408-3216
(909) 381-1674; FAX (909) 889-1391

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - STATIC WATER LEVELS

March 2003

Monitoring Well I.D.	May-02 Static Water Level	Date Measured	Time	Water Level (feet)	Second Static Water Level (feet) see foot note	Dedicated Pump (Y/N)	Sample This Quarter	Comments
MW-35	66.54	3/20/03	1:47	70.51	70.51	—	—	
MW-36	96.19	3/21/03	9:06	98.02	98.02	—	—	
MW-37	38.12	3/20/03	10:54	29.63	29.63	—	—	
MW-38	46.90	3/20/03	10:08	47.03	47.03	—	—	
MW-39	39.82	3/20/03	1:25	43.65	43.65	—	—	
MW-40	37.81	3/21/03	11:34	39.13	39.13	—	—	
MW-41	31.09	3/20/03	12:26	34.56	34.56	—	—	
MW-42	7.86	3/20/03	12:08	6.69	6.69	—	—	
MW-43	5.28	3/20/03	10:50	5.14	5.14	—	—	
MW-44	27.21	3/20/03	12:54	31.03	31.03	—	—	
MW-45	Artesian	3/20/03	10:49	Artesian		—	—	
MW-46	51.65	3/20/03	10:23	51.92	51.92	—	—	
MW-47	Artesian	3/20/03	10:27	Artesian		—	—	

NOTE:
NA - Not Available
ND - Not Detected
If difference from this month and previous month is greater than 0.5 ft. confirm measurement with 2nd static water level measurement.

TETRA TECH, INC.
348 West Hospitality Lane, Suite 300
San Bernardino, CA 92408-3216
(909) 381-1674; FAX (909) 889-1391

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - STATIC WATER LEVELS

March 2003

Monitoring Well I.D.	May-02 Static Water Level	Date Measured	Time	Water Level (feet)	Second Static Water Level (feet) see foot note	Dedicated Pump (Y/N)	Sample This Quarter	Comments
MW-48	8.44	3/20/03	10:29	8.24	8.24	—	—	
MW-49	27.69	3/21/03	11:21	31.34	31.34	—	—	
MW-50	47.31	3/20/03	11:55	51.15	51.15	—	—	
MW-51	34.17	3/20/03	12:14	37.95	37.95	—	—	
MW-52	32.73	3/20/03	12:24	36.34	36.34	—	—	
MW-53	49.18	3/20/03	11:51	53.02	53.02	—	—	
MW-54	49.11	3/20/03	2:44	52.96	52.96	—	—	
MW-55	62.02	3/20/03	2:25	65.92	65.92	—	—	
MW-56A	50.98	3/20/03	1:35	54.50	54.50	—	—	
MW-56B	38.58	3/20/03	1:37	42.38	42.38	—	—	
MW-56C	39.14	3/20/03	1:38	42.52	42.52	—	—	
MW-56D	38.76	3/20/03	1:39	42.21	42.21	—	—	
MW-57A	41.92	3/20/03	1:33	45.64	45.64	—	—	

NOTE:
NA - Not Available
ND - Not Detected
If difference from this month and previous month is greater than 0.5 ft. confirm measurement with 2nd static water level measurement.

TETRA TECH, INC.
348 West Hospitality Lane, Suite 300
San Bernardino, CA 92408-3216
(909) 381-1674; FAX (909) 889-1391

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - STATIC WATER LEVELS

March 2003

Monitoring Well I.D.	May-02 Static Water Level	Date Measured	Time	Water Level (feet)	Second Static Water Level (feet) see foot note	Dedicated Pump (Y/N)	Sample This Quarter	Comments
MW-57B	42.05	3/20/03	1:32	45.88	45.88	-	-	
MW-57C	41.88	3/20/03	1:30	45.64	45.64	-	-	
MW-57D	42.09	3/20/03	1:29	45.78	45.76	-	-	
MW-58A	37.13	3/20/03	12:17	40.81	40.81	-	-	
MW-58B	37.03	3/20/03	12:19	40.64	40.64	-	-	
MW-58C	37.41	3/20/03	12:20	40.01	40.01	-	-	
MW-58D	37.34	3/20/03	12:22	41.00	41.00	-	-	
MW-59A	78.05	3/20/03	2:05	82.10	82.10	-	-	
MW-59B	73.34	3/20/03	2:03	77.52	77.52	-	-	
MW-59C	75.19	3/20/03	2:01	79.26	79.26	-	-	
MW-59D	74.63	3/20/03	2:00	78.77	78.77	-	-	
MW-60A	77.59	3/20/03	3:01	81.77	81.77	-	-	
MW-60B	75.79	3/20/03	3:03	80.12	80.12	-	-	

NOTE:
NA - Not Available
ND - Not Detected
If difference from this month and previous month is greater than 0.5 ft. confirm measurement with 2nd static water level measurement.

TETRA TECH, INC.
348 West Hospitality Lane, Suite 300
San Bernardino, CA 92408-3216
(909) . '1-1674; FAX (909) 889-1391

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - STATIC WATER LEVELS

March 2003

Monitoring Well I.D.	May-02 Static Water Level	Date Measured	Time	Water Level (feet)	Second Static Water Level (feet) see foot note	Dedicated Pump (Y/N)	Sample This Quarter	Comments
MW-61A	79.26	3/21/03	9:42 ~~89.49~~	82.49	82.49	–	–	
MW-61B	77.75	3/21/03	9:40	81.41	81.41	–	–	
MW-61C	83.46	3/21/03	9:39	87.31	87.31	–	–	
MW-61D	80.95	3/21/03	9:37	84.73	84.73	–	–	
MW-62A	28.01	3/20/03	12:31	31.51	31.51	–	–	
MW-62B	28.82	3/20/03	12:29	32.13	32.13	–	–	
MW-63	51.79	3/20/03	2:40	55.69	55.69	–	–	
MW-64	26.20	3/20/01	12:38	29.17	29.17	–	–	
MW-65	27.08	3/20/03	12:36	29.88 ~~37~~	29.88	–	–	
MW-66	28.11	3/20/03	12:57	33.23	33.23	–	–	
OW-01	55.67	3/21/03	8:55	Dry well	–	–	–	TD 70.35
OW-02	2.96	3/20/03	10:43	3.61	3.61	–	–	

NOTE:
NA - Not Available
ND - Not Detected
If difference from this month and previous month is greater than 0.5 ft. confirm measurement with 2nd static water level measurement.

TETRA TECH, INC.
348 West Hospitality Lane, Suite 300
San Bernardino, CA 92408-3216
(909) 381-1674; FAX (909) 889-1391

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - STATIC WATER LEVELS

March 2003

Monitoring Well I.D.	May-02 Static Water Level	Date Measured	Time	Water Level (feet)	Second Static Water Level (feet) see foot note	Dedicated Pump (Y/N)	Sample This Quarter	Comments
OW-03	39.94	3/20/03	1:40	43.43	43.43	—	—	
OW-08	50.99	3/20/03	9:54	50.74	50.74	—	—	
P-02	20.62	3/20/03	9:46	15.81	15.81	—	—	
P-03	41.35	3/20/03	1:01	44.97	44.97	—	—	
P-04	33.20	3/20/03	9:30	26.73	26.73	—	—	
~~OW-05 P-05~~	~~58.18~~	3/20/03	9:34	dry well		—	—	TD 68.19
P-05	58.18	3/20/03	11:30	62.02	62.02	—	—	
WS		3/21/03	9:08	89.18	89.18	-	-	

NOTE:
NA - Not Available
ND - Not Detected
If difference from this month and previous month is greater than 0.5 ft. confirm measurement with 2nd static water level measurement.

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/25/03 SITE NUMBER ____

PROGRAM NAME Lockheed - Beaumont

MONITORING WELL IDENTIFICATION IW-04

SAMPLE I.D. IW-04-072503 DUPLICATE I.D. ____

STATIC WATER LEVEL (ft btoc) 39.52 TOTAL WELL DEPTH (feet) 61.96

WATER COLUMN (feet) 22.44 CASING/TUBING DIAMETER (in/ft) 6

WELL/PUMP VOLUME (V) (gals) 22.44 x 1.46 = 32.76 3 V (gals) 98.29

PURGING DEVICE grundfos redi-flo II

SAMPLING DEVICE " " "

OVA: FID ~~PID~~ In Casing (ppm) (initial) 2 (vented to) ____

IN BREATHING ZONE (ppm) (initial) ____ (vented to) ____

FINAL PUMP DEPTH (feet) 57

SAMPLER'S SIGNATURE CB

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC ~~(umhos/cm)~~ MS/CM	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
10:12	start purge	39.52	57								0	0	0.25
10:17		40.30	57	23.61	0.296	8.76	33.5	0.94	74.2	cloudy	1.25	0.04	
10:22		40.30	57	23.75	0.297	8.79	27.9	0.75	67.5	"	2.50	0.08	
10:27		40.30	57	23.86	0.294	8.80	21.2	0.58	41.3	clear	3.75	0.12	
10:32		40.30	57	23.87	0.294	8.80	16.2	0.57	30.3	"	5.0	0.15	
10:37		40.30	57	23.93	0.295	8.78	13.7	0.66	22.1	"	6.25	0.19	
10:42		40.30	57	24.06	0.297	8.77	13.0	0.72	18.5	"	7.50	0.23	
10:52		40.30	57	24.16	0.305	8.75	11.2	0.61	24.2	"	10.0	0.31	
11:02		40.30	57	24.40	0.308	8.73	9.63	0.58	35.2	"	12.50	0.39	
11:12		40.30	57	24.52	0.310	8.70	6.11	0.65	43.9	"	15.00	0.46	
11:22		40.30	57	24.66	0.310	8.66	4.40	0.77	49.8	"	17.50	0.54	
	sample time - 11:22												

Fe+2 (ppm) ____ Taken from first bailer, immediately before sampling.

Comments: ____

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1° C (1.8°F)	Conductivity ± 5%
pH ±0.1	Turbidity ≤5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\rpt\BGMP-AFR\CBGMP coreldraw\figs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/30/03 SITE NUMBER ___ PURGING DEVICE grundfos redi flo II

PROGRAM NAME Lockheed - Beaumont SAMPLING DEVICE ___

MONITORING WELL IDENTIFICATION ~~MW-02~~ MW-01 OVA: FID ☐ ~~PID~~ ☐ in Casing (ppm) (initial) 2 (vented to) ___

SAMPLE I.D. MW-01-073003 DUPLICATE I.D. — IN BREATHING ZONE (ppm) (initial) ___ (vented to) ___

STATIC WATER LEVEL (ft btoc) 76.34 TOTAL WELL DEPTH (feet) ~~99.00~~ 127.33 FINAL PUMP DEPTH (feet) 124

WATER COLUMN (feet) 50.99 CASING/TUBING DIAMETER (in/ft) 4 SAMPLER'S SIGNATURE ___

WELL/PUMP VOLUME (V) (gals) 50.99 x 0.65 = 33.14 3 V (gals) 99.42

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC ~~(µmhos/cm)~~ mS/Cm	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
1327	start pump	76.34	124								0	0	0.25
13:32		77.82	124	23.09	0.378	7.90	2.37	3.75	110.5	clear	1.25	0.04	
13:37		79.35	124	21.70	0.289	7.79	1.14	4.97	105.8	"	2.50	0.08	
13:42		80.11	124	21.44	0.286	7.75	6.50	5.40	102.7	"	3.75	0.11	
13:47		80.66	124	21.47	0.284	7.73	5.78	5.64	99.4	"	5.00	0.15	
13:52		80.70	124	22.60	0.283	7.71	5.61	5.73	95.4	"	6.25	0.19	
13:57		80.73	124	22.96	0.284	7.70	1.04	5.79	89.6	"	7.50	0.23	
	Sample time - 13:57												

Fe+2 (ppm) ___ Taken from first bailer, immediately before sampling.

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ± 1° C (1.8°F)	Conductivity ± 5%
pH ± 0.1	Turbidity ≤ 5 NTUs

Comments: ___

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\up\BGMP-AFR\CBGMP coreldraw\figs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/31/03 SITE NUMBER ____ PURGING DEVICE grund fos redi flo #

PROGRAM NAME Lockheed Beaumont SAMPLING DEVICE ____

MONITORING WELL IDENTIFICATION MW-03 OVA: FID ~~PID~~ In Casing (ppm) (initial) = (vented to) ____

SAMPLE I.D. MW-03-073103 DUPLICATE I.D. ____ IN BREATHING ZONE (ppm) (initial) ____ (vented to) ____

STATIC WATER LEVEL (ft btoc) 129.14 TOTAL WELL DEPTH (feet) 278.68 FINAL PUMP DEPTH (feet) 275

WATER COLUMN (feet) 149.54 CASING/TUBING DIAMETER (in/ft) 4 SAMPLER'S SIGNATURE ____

WELL/PUMP VOLUME (V) (gals) 149.54 ~~23.91~~ x 0.65 = 97.20 3 V (gals) 291.60

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC (~~µmhos/cm~~) MS/CM	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
11:40	start pg	129.14	275	—							∅	∅	0.25
11:45		130.25	275	23.65	0.304	8.97	13.3	1.61	347.1	clear	1.25	0.01	
11:50		134.06	275	23.26	0.297	8.93	4.73	2.26	244.3	"	2.50	0.03	
11:55		135.25	275	23.72	0.297	8.92	2.55	1.09	190.7	"	3.75	0.04	
12:00		136.00	275	24.10	0.296	8.93	2.53	0.75	168.0	"	5.00	0.05	
12:05		136.87	275	24.51	0.297	8.92	2.02	0.56	139.0	"	6.25	0.06	
12:10		137.00	275	24.90	0.297	8.91	2.22	0.44	111.1	"	7.50	0.08	
12:15		137.07	275	24.47	0.296	8.92	2.61	0.41	99.6	"	8.25	0.09	
12:20		137.11	275	24.55	0.295	8.91	2.01	0.44	88.6	"	10.00	0.11	
	sample time	—		12:20									

Fe+2 (ppm) ____ Taken from first bailer, immediately before sampling.

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1° C (1.8°F)	Conductivity ± 5%
pH ± 0.1	Turbidity ≤5 NTUs

Comments: ____

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\rpt\BGMP-AFRC\BGMP coreldraw\figs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/30/03 SITE NUMBER ___ PURGING DEVICE grundfos redi flo 2

PROGRAM NAME Lockheed- Benmont SAMPLING DEVICE ___

MONITORING WELL IDENTIFICATION MW-05 OVA: FID ☐ ~~PID~~ ☐ In Casing (ppm) (initial) 2 (vented to) ___

SAMPLE I.D. MW-05-073003 DUPLICATE I.D. MW-105-073003 IN BREATHING ZONE (ppm) (initial) ___ (vented to) ___

STATIC WATER LEVEL (ft btoc) 23.58 TOTAL WELL DEPTH (feet) 45,21 FINAL PUMP DEPTH (feet) 43

WATER COLUMN (feet) 21.63 CASING/TUBING DIAMETER (in/ft) 4 SAMPLER'S SIGNATURE ___

WELL/PUMP VOLUME (V) (gals) 21.63 x 0.65 = 14.06 3 V (gals) 42.18

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC ~~(µmhos/cm)~~ mS/cm	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
9:10	start purge	23.58	43								0	0	0.25
9:15		24.19	43	22.52	0.381	7.07	2.61	1.94	234.4	clear	1.25	0.09	
9:20		24.43	43	22.d	0.386	6.99	0.95	0.53	219.1	"	2.50	0.18	
9:25		24.55	43	22.71	0.387	7.00	0.03	0.35	202.6	"	3.75	0.27	
9:30		24.63	43	22.41	0.385	7.02	0.00	0.29	189.7	"	5.00	0.36	
9:35		24.65	43	22.55	0.385	7.03	0.00	0.24	172.9	"	6.25	0.44	
9:40		24.67	43	22.50	0.385	7.03	0.00	0.23	160.7	"	7.50	0.53	
	Sample time	—	9:40										
	dup sample time	—	9:10										

Fe+2 (ppm) ___ Taken from first bailer, immediately before sampling.

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1° C (1.8°F)	Conductivity ± 5%
pH ± 0.1	Turbidity ≤5 NTUs

Comments: ___

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\rmp\BGMP-AFR\CBGMP coreldraw figs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/25/03 SITE NUMBER ___ PURGING DEVICE grundfos red:5lo ft

PROGRAM NAME Lockheed - Baumm/ SAMPLING DEVICE " " "

MONITORING WELL IDENTIFICATION MW-06

SAMPLE I.D. MW-06-072503 DUPLICATE I.D. MW-106-072503 OVA FID ☐ ~~PID~~ ☐ In Casing (ppm) (initial) 2 (vented to) ___

IN BREATHING ZONE (ppm) (initial) ___ (vented to) ___

STATIC WATER LEVEL (ft btoc) 26.18 TOTAL WELL DEPTH (feet) 115.96 FINAL PUMP DEPTH (feet) 110

WATER COLUMN (feet) 89.78 CASING/TUBING DIAMETER (in/ft) 4 SAMPLER'S SIGNATURE ___

WELL/PUMP VOLUME (V) (gals) 89.78 x 0.65 = 58.36 3 V (gals) 175.07

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC ~~(µmhos/cm)~~ mS/cm	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
9:04	startpg	26.18	110								0	0	0.25
9:09		26.60	110	21.03	0.242	7.20	15.1	3.30	-56.8	clear	1.25	0.02	
9:14		26.70	110	20.72	0.246	7.50	4.49	2.35	-129.6	"	2.50	0.04	
9:19		26.76	110	20.77	0.248	7.55	1.91	0.19	-139.3	"	3.75	0.06	
9:24		26.80	110	20.79	0.250	7.28	0.92	0.12	-122.1	"	5.00	0.09	
9:29		26.82	110	20.86	0.248	7.26	0.91	0.09	-121.5	"	6.25	0.11	
9:34		26.84	110	20.91	0.249	7.25	0.86	0.09	-124.2	"	7.50	0.13	
Sample time		9:34											

Fe+2 (ppm) ___ Taken from first bailer, immediately before sampling.

Comments: ___

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1° C (1.8°F)	Conductivity ±5%
pH ±0.1	Turbidity ≤5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\rpt\BGMP-AFR\CBGMP coreldraw\figs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/22/03 SITE NUMBER ___ PURGING DEVICE grundfos redi flo II

PROGRAM NAME Lockheed - Benning SAMPLING DEVICE " "

MONITORING WELL IDENTIFICATION MW-08 OVA: FID ~~PID~~ In Casing (ppm) (initial) — (vented to) ___

SAMPLE I.D. MW-08-072203 DUPLICATE I.D. — IN BREATHING ZONE (ppm) (initial) — (vented to) ___

STATIC WATER LEVEL (ft btoc) 16.40 TOTAL WELL DEPTH (feet) 35.39 FINAL PUMP DEPTH (feet) 32

WATER COLUMN (feet) 18.99 CASING/TUBING DIAMETER (in/ft) 4 SAMPLER'S SIGNATURE SP

WELL/PUMP VOLUME (V) (gals) 18.99 x 0.65 = 12.34 3 V (gals) 37.03

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC ~~(umhos/cm)~~ mS/cm	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
1400	start purge	16.40	32	—	—	—	—	—	—	—	Ø	Ø	0.25
1405		16.54	32	23.9	0.275	7.15	96.1	0.60	14.0	brn	1.25	0.10	
1410		16.56	32	23.78	0.267	7.02	19.1	0.23	13.2	cloudy	2.50	0.20	
1415		16.57	32	22.91	0.266	7.02	20.0	0.18	14.5	"	3.75	0.30	
1420		16.58	32	22.58	0.265	7.01	15.9	0.19	19.6	"	5.00	0.41	
1425		16.59	32	22.39	0.265	7.00	16.3	0.14	26.9	clear	6.25	0.51	
1430		16.60	32	22.43	0.265	7.00	13.8	0.16	34.8	"	7.50	0.61	
14:45		16.62	32	22.26	0.262	6.97	8.92	0.13	49.6	"	11.25	0.91	
14:55		16.63	32	22.43	0.260	6.96	5.72	0.14	43.8	"	13.75	1.11	
15:00		16.63	32	22.36	0.258	6.95	4.95	0.15	43.7	"	15.00	1.22	
	sample time = 15:00												

Fe+2 (ppm) ___ Taken from first bailer, immediately before sampling.

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ± 1° C (1.8°F)	Conductivity ± 5%
pH ± 0.1	Turbidity ≤ 5 NTUs

Comments: ___

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\rpt\BGMP-AFRC\BGMP coreldraw\figs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/22/03 SITE NUMBER ____ PURGING DEVICE grundfos redi-flo II

PROGRAM NAME Lockheed- Beaumont SAMPLING DEVICE ____

MONITORING WELL IDENTIFICATION MW-09 OVA: FID ☐ ~~PID~~ ☐ ~~In Casing (ppm)~~ (initial) 2 (vented to) ____

SAMPLE I.D. MW-09 072203 DUPLICATE I.D. ____ IN BREATHING ZONE (ppm) (initial) ____ (vented to) ____

STATIC WATER LEVEL (ft btoc) 3.44 TOTAL WELL DEPTH (feet) 119.47 FINAL PUMP DEPTH (feet) 100

WATER COLUMN (feet) 116.03 CASING/TUBING DIAMETER (in/ft) 4 SAMPLER'S SIGNATURE ____

WELL/PUMP VOLUME (V) (gals) 116.03x0.65 = 75.42 3 V (gals) 226.26

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC (µmhos/cm) ~~mS/cm~~	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
15:20	start purge	3.44	100								0	0	0.25
15:25		4.45	110	20.27	0.270	8.74	0.50	0.14	-156.9	clear	1.25	0.02	
15:30		4.45		20.27	0.268	8.75	0.00	0.09	-171.0	"	2.50	0.04	
15:35		4.48		20.27	0.266	8.74	0.12	0.08	-179.9	"	3.75	0.06	
15:40		4.50		20.34	0.266	8.70	0.00	0.07	-189.3	"	5.00	0.07	
15:45		4.52		20.28	0.265	8.69	0.00	0.04	-193.3	"	6.25	0.09	
15:50		4.53		20.36	0.265	8.69	0.00	0.04	-195.1	"	7.50	0.10	
	sample time			15:50									

Fe+2 (ppm) ____ Taken from first bailer, immediately before sampling.

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1° C (1.8°F)	Conductivity ± 5%
pH ± 0.1	Turbidity ≤ 5 NTUs

Comments: ____

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\rpt\BGMP-AFR\BGMP coreldraw\figs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/23/03 SITE NUMBER ___ PURGING DEVICE grundfos redi Flo II

PROGRAM NAME Lockheed - Beaumont SAMPLING DEVICE ___

MONITORING WELL IDENTIFICATION MW-12 OVA: FID ☐ PID ☐ ~~In~~ Casing (ppm) (initial) 2 (vented to) ___

SAMPLE I.D. MW-12-072303 DUPLICATE I.D. — IN BREATHING ZONE (ppm) (initial) ___ (vented to) ___

STATIC WATER LEVEL (ft btoc) 20.81 TOTAL WELL DEPTH (feet) 50.72 FINAL PUMP DEPTH (feet) 45

WATER COLUMN (feet) 29.91 CASING/TUBING DIAMETER (in/ft) ___ SAMPLER'S SIGNATURE ___

WELL/PUMP VOLUME (V) (gals) 29.91 X 0.65 = 19.44 3 V (gals) 58.32

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC ~~(µmhos/cm)~~ mS/cm	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
11:14	start purg.	20.81	45	—	—					—	∅	∅	0.25
11:19		21.72	45	23.81	1.512	7.04	24.5	3.37	-17.8	cloudy	1.25	0.06	
11:24		21.92	45	23.65	1.482	7.05	20.01	2.06	-23.3	clear	2.50	0.13	
11:29		22.02	45	23.96	1.463	7.09	27.9	1.14	-35.4	"	3.75	0.19	
11:34		22.04	45	23.92	1.454	7.09	25.3	0.64	-48.4	"	5.00	0.26	
11:39		22.05	45	23.90	1.450	7.08	24.8	0.53	-50.6	"	6.25	0.32	
11:44		22.07	45	23.99	1.447	7.10	20.2	0.34	-58.2	"	7.50	0.39	
11:54		22.09	45	24.05	1.451	7.13	12.9	0.19	-66.9	"	10.0	0.51	
12:04		22.11	45	24.08	1.453	7.12	7.97	0.11	-72.8	"	12.5	0.64	
12:14		22.12	45	24.13	1.457	7.08	5.18	0.08	-75.2	"	15.0	0.77	
12:19		22.14	45	24.37	1.459	7.10	4.26	0.07	-77.6	"	16.25	0.83	
	sample time		12:19										

Fe+2 (ppm) ___ Taken from first bailer, immediately before sampling.

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1° C (1.8°F)	Conductivity ± 5%
pH ± 0.1	Turbidity ≤ 5 NTUs

Comments: ___

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\mp\BGMP-AFR\CBGMP coreldraw figs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

Page ___ of ___

DATE 7/28/03 SITE NUMBER ___

PROGRAM NAME Lockheed - Beaumont

MONITORING WELL IDENTIFICATION MW-13

SAMPLE I.D. MW-13-072803 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 15.14 TOTAL WELL DEPTH (feet) 37.80

WATER COLUMN (feet) 22.66 CASING/TUBING DIAMETER (in/ft) 4

WELL/PUMP VOLUME (V) (gals) 22.66 x 0.65 = 14.73 3 V (gals) 44.19

PURGING DEVICE grundfos redi flo II

SAMPLING DEVICE ___

OVA: FID ~~PID~~ ~~In Casing~~ (ppm) (initial) — (vented to) ___

IN BREATHING ZONE (ppm) (initial) ___ (vented to) ___

FINAL PUMP DEPTH (feet) 35

SAMPLER'S SIGNATURE ___

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC ~~(µmhos/cm)~~ mS/cm	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
13:18	start purge	15.14	35	—						—	Ø	Ø	0.25
13:23		15.26	35	24.85	1.271	7.34	40.3	0.81	108.8	brn	1.25	0.08	
13:28		15.28	35	23.89	1.272	7.30	49.8	0.41	87.5	"	2.50	0.17	
13:33		15:30	35	23.87	1.283	7.30	8.75	0.33	74.2	clear	3.75	0.25	
13:38		15.32	35	23.97	1.287	7.30	6.62	0.24	60.3	"	5.00	0.34	
13:43		15.33	35	23.92	1.298	7.31	7.36	0.22	40.0	"	6.25	0.42	
13:48		15:38	35	23.98	1.298	7.29	6.51	0.21	15.8	"	7.50	0.51	
13:58		15.33	35	24.27	1.310	7.30	3.66	0.17	-23.6	"	10.0	0.68	
	sample time	13:58											

Fe+2 (ppm) ___ Taken from first bailer, immediately before sampling.

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1° C (1.8°F)	Conductivity ± 5%
pH ± 0.1	Turbidity ≤5 NTUs

Comments: ___

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphicsurp\BGMP-AFR\BGMP coreldrawfigs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/21/03 SITE NUMBER ____ PURGING DEVICE grundfos redi flo II

PROGRAM NAME Lockheed - Beaumont SAMPLING DEVICE " " "

MONITORING WELL IDENTIFICATION MW-15 OVA: FID ☐ PID ☐ In Casing (ppm) (initial) 2 (vented to) ____

SAMPLE I.D. MW-15-072103 DUPLICATE I.D. MW-115-072103 IN BREATHING ZONE (ppm) (initial) ____ (vented to) ____

STATIC WATER LEVEL (ft btoc) 28.60 TOTAL WELL DEPTH (feet) 92.21 FINAL PUMP DEPTH (feet) 87

WATER COLUMN (feet) 63.61 CASING/TUBING DIAMETER (in/ft) 4 SAMPLER'S SIGNATURE

WELL/PUMP VOLUME (V) (gals) 63.61 X 0.65 = 41.35 3 V (gals) 124.04

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC ~~(µmhos/cm)~~ mS/cm	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
14:18	Start pg.	28.60	87								ϕ	ϕ	0.25
14:23		28.67	87	21.72	0.442	7.63	52.1	0.17	-158.1	cloudy	1.25	0.03	
14:28		28.68	87	21.72	0.441	7.62	36.4	0.15	-159.5	"	2.50	0.06	
14:33		28.68	87	21.90	0.445	7.68	15.3	0.17	-165.5	Clear	3.75	0.09	
14:38		28.68	87	22.10	0.448	7.64	11.8	0.08	-168.9	"	5.00	0.12	
14:43		28.68	87	21.85	0.443	7.64	8.35	0.08	-173.4	"	6.25	0.15	
14:48		28.68	87	21.91	0.441	7.66	6.22	0.08	-179.9	"	7.50	0.18	
14:53		28.68	87	22.00	0.440	7.70	4.56	0.08	-186.6	"	8.75	0.21	
	sample time		-	14:53									
	dup sample time		-	14:10									

Fe+2 (ppm) ____ Taken from first bailer, immediately before sampling.

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ± 1° C (1.8°F)	Conductivity ± 5%
pH ± 0.1	Turbidity ≤ 5 NTUs

Comments: ____

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\rpt\BGMP-AFRC\BGMP coeldraw figs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/31/03 SITE NUMBER ____ PURGING DEVICE 2" pump

PROGRAM NAME Lockheed- Beaumont SAMPLING DEVICE sampled with disposable bailer

MONITORING WELL IDENTIFICATION MW-16 OVA: FID ☐ ~~PID~~ ☐ In Casing (ppm) (initial) — (vented to) ____

SAMPLE I.D. MW-16-073103 DUPLICATE I.D. — IN BREATHING ZONE (ppm) (initial) ____ (vented to) ____

STATIC WATER LEVEL (ft btoc) 2.82 TOTAL WELL DEPTH (feet) 5.60 FINAL PUMP DEPTH (feet) ____

WATER COLUMN (feet) ____ CASING/TUBING DIAMETER (in/ft) 2 SAMPLER'S SIGNATURE ____

WELL/PUMP VOLUME (V) (gals) ____ 3 V (gals) ____

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC ~~(µmhos/cm)~~ mS/cm	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
13:35	startpurge	2.82	5.5	—	—	—	—	—	—	—	0	0	0.5
13:40		✱ ✱	5.5	31.24	0.928	7.35	+1000	0.43	-45.2	brn	0.5		
13:45		✱ ✱	5.5	30.87	1.026	7.24	+1000	0.29	-117.2	"	1.0		
13:50		✱ ✱	5.5	30.76	1.100	7.22	+1000	0.47	-140.1	"	1.5		
13:55		✱ ✱	5.5	30.46	1.165	7.22	+1000	0.24	-151.2	"	2.0		
	well purged dry												
	sample time 14:15												

V:\graphics\srp\BGMP-AFRC\BGMP coreldraw\figs\purgetable.cdr

Fe+2 (ppm) ____ Taken from first bailer, immediately before sampling.

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1° C (1.8°F)	Conductivity ± 5%
pH ± 0.1	Turbidity ≤ 5 NTUs

Comments: ____

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/24/03 SITE NUMBER ____

PROGRAM NAME Lockheed - Beaumont

MONITORING WELL IDENTIFICATION MW-17

SAMPLE I.D. MW-17-072403 DUPLICATE I.D. ____

STATIC WATER LEVEL (ft btoc) 40.54 TOTAL WELL DEPTH (feet) 65.51

WATER COLUMN (feet) 24.97 CASING/TUBING DIAMETER (in/ft) 4

WELL/PUMP VOLUME (V) (gals) 24.97 x 0.65 = 16.23 3 V (gals) 48.69

PURGING DEVICE grundfos redi flo II

SAMPLING DEVICE "

OVA: FID ~~PID~~ ~~In Casing (ppm)~~ (initial) 2 (vented to) ____

IN BREATHING ZONE (ppm) (initial) ____ (vented to) ____

FINAL PUMP DEPTH (feet) 60

SAMPLER'S SIGNATURE ____

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC (~~µmhos/cm~~) mS/cm	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
11:26	start pump	40.54	60								0	0	0.25
11:31		42.23	60	24.12	0.270	7.29	13.0	2.83	92.9	clear	1.25	0.08	
11:36		43.82	60	22.33	0.257	7.16	9.96	2.50	85.0	"	2.50	0.15	
11:41		44.89	60	22.41	0.252	7.12	10.1	2.41	82.6	"	3.75	0.23	
11:46		45.31	60	22.58	0.250	7.10	11.9	2.22	81.4	"	5.00	0.31	
11:51		45.55	60	22.89	0.249	7.08	9.55	2.06	78.6	"	6.25	0.38	
11:56		45.61	60	23.00	0.247	7.06	9.15	1.93	77.0	"	7.50	0.46	
12:06		45.67	60	23.31	0.245	7.03	4.99	1.98	77.5	"			
	sample time		12:06										

Fe+2 (ppm) ____ Taken from first bailer, immediately before sampling.

Comments: ____

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1° C (1.8°F)	Conductivity ± 5%
pH ± 0.1	Turbidity ≤5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\rpt\BGMP-AFR\CBGMP coreldraw\figs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/21/03 SITE NUMBER ____ PURGING DEVICE grndfos red. 5lo ft

PROGRAM NAME Lockheed - Beaumont SAMPLING DEVICE ____

MONITORING WELL IDENTIFICATION MW-18 OVA: FID ~~PID~~ In Casing (ppm) (initial) — (vented to) ____

SAMPLE I.D. MW-18-072103 DUPLICATE I.D. — IN BREATHING ZONE (ppm) (initial) — (vented to) ____

STATIC WATER LEVEL (ft btoc) 28.32 TOTAL WELL DEPTH (feet) 52.20 FINAL PUMP DEPTH (feet) ____

WATER COLUMN (feet) 23.88 CASING/TUBING DIAMETER (in/ft) 4 SAMPLER'S SIGNATURE ____

WELL/PUMP VOLUME (V) (gals) 23.88 x 0.65 = 15.52 3 V (gals) 46.57

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC ~~(umhos/cm)~~ mS/cm	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
15:11	start purge	28.32	47								0	0	0.25
15:16		28.44	47	24.13	0.499	7.38	11.4	0.68	-56.2	clear	1.25	0.08	
15:21		28.47	47	24.36	0.497	7.35	7.77	0.30	-56.1	"	2.50	0.16	
15:26		28.48	47	24.06	0.495	7.35	6.50	0.22	-58.5	"	3.75	0.24	
15:31		28.45	47	23.79	0.494	7.33	3.84	0.15	-54.1	"	5.00	0.32	
15:36		28.44	47	23.58	0.493	7.33	2.82	0.13	-47.1	"	6.25	0.40	
15:41		28.45	47	23.52	0.493	7.35	2.41	0.11	-45.0	"	7.50	0.48	
	sample time	15:41											

Fe+2 (ppm) _____ Taken from first bailer, immediately before sampling.

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1° C (1.8°F)	Conductivity ± 5%
pH ±0.1	Turbidity ≤5 NTUs

Comments: ____

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\rpt\BGMP-AFR\CBGMP coreldraw figs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/25/03 SITE NUMBER _____ PURGING DEVICE grundfos redi-flo II

PROGRAM NAME Lockheed - Barstow SAMPLING DEVICE " " "

MONITORING WELL IDENTIFICATION MW-19 OVA: FID ~~PID~~ In Casing (ppm) (initial) — (vented to) _____

SAMPLE I.D. MW-19-072503 DUPLICATE I.D. _____ IN BREATHING ZONE (ppm) (initial) _____ (vented to) _____

STATIC WATER LEVEL (ft btoc) 22.52 TOTAL WELL DEPTH (feet) 46.75 FINAL PUMP DEPTH (feet) 42

WATER COLUMN (feet) 24.23 CASING/TUBING DIAMETER (in/ft) 4 SAMPLER'S SIGNATURE _____

WELL/PUMP VOLUME (V) (gals) 24.23 x 0.65 = 15.75 3 V (gals) 47.25

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC ~~(µmhos/cm)~~ mS/cm	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
11:55	start purge	22.52	42								Ø	Ø	0.25
12:00		24.38	42	25.32	0.288	7.17	32.1	1.04	-31.8	cloudy	1.25	0.08	
12:05		25.72	42	23.90	0.252	6.98	21.9	0.60	-12.7	clear	2.50	0.16	
12:10		26.82	42	23.88	0.239	6.96	12.1	0.41	4.5	"	3.75	0.24	
12:15		27.35	42	24.24	0.232	6.94	6.74	0.37	8.0	"	5.00	0.32	
12:20		27.38	42	24.24	0.231	6.96	5.20	0.39	15.1	"	6.25	0.40	
12:25		27.41	42	24.30	0.231	6.95	4.70	0.46	22.4	"	7.50	0.48	
	sample time = 12:25												

Fe+2 (ppm) _____ Taken from first bailer, immediately before sampling.

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1° C (1.8°F)	Conductivity ±5%
pH ±0.1	Turbidity ≤5 NTUs

Comments: _____

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\rpt\BGMP-AFR\CBGMP coreldrawfigs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/31/03 SITE NUMBER ____ PURGING DEVICE grundfos redi flo ft

PROGRAM NAME Lockheed - Beaumont SAMPLING DEVICE ____

MONITORING WELL IDENTIFICATION MW-32 OVA: FID ☐ PID ☐ In Casing (ppm) (initial) — (vented to) ____

SAMPLE I.D. MW-32-073103 DUPLICATE I.D. — IN BREATHING ZONE (ppm) (initial) ____ (vented to) ____

STATIC WATER LEVEL (ft btoc) 89.75 TOTAL WELL DEPTH (feet) 222.15 FINAL PUMP DEPTH (feet) 220

WATER COLUMN (feet) 132.40 CASING/TUBING DIAMETER (in/ft) 4 SAMPLER'S SIGNATURE ____

WELL/PUMP VOLUME (V) (gals) 132.40 x 0.65 = 86.06 3 V (gals) 258.18

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC ~~(µmhos/cm)~~ mS/cm	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
10:25	start purge	89.75	220	—	—	—	—	—	—	—	∅	∅	0.25
10:30		90.30	220	22.49	0.357	8.76	4/15	1.52	313.2	cloudy	1.25	0.01	
10:35		92.82	220	21.84	0.304	8.76	16.6	0.48	242.0	"	2.50	0.03	
10:40		94.76	220	21.49	0.303	8.78	31.2	0.40	218.8	"	3.75	0.04	
10:45		97.48	220	22.03	0.302	8.78	12.9	0.34	193.9	Clear	5.00	0.06	
10:50		99.12	220	22.31	0.302	8.78	8.52	0.32	175.2	"	6.25	0.07	
10:55		100.21	220	22.63	0.302	8.79	6.60	0.30	159.7	"	7.50	0.09	
11:00		100.42	220	22.99	0.303	8.80	5.39	0.31	142.6	"	8.75	0.10	
11:05		100.48	220	23.61	0.303	8.78	5.49	0.32	121.5	"	10.00	0.12	
11:10		100.51	220	23.73	0.303	8.78	4.39	0.32	116.4	"	11.25	0.13	
	Sample time - 11:10												

Fe+2 (ppm) ____ Taken from first bailer, immediately before sampling.

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1° C (1.8°F)	Conductivity ± 5%
pH ± 0.1	Turbidity ≤5 NTUs

Comments: ____

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\urp\BGMP-AFR\CBGMP coreldraw\figs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/31/03 SITE NUMBER ____ PURGING DEVICE grundfos redi-flo II

PROGRAM NAME Lockheed Benmont SAMPLING DEVICE "

MONITORING WELL IDENTIFICATION MW-35 OVA: FID ☐ PID ☐ In Casing (ppm) (initial) 2 (vented to) ____

SAMPLE I.D MW-35-073103 DUPLICATE I.D. MW-135-073103 IN BREATHING ZONE (ppm) (initial) ____ (vented to) ____

STATIC WATER LEVEL (ft btoc) 70.41 TOTAL WELL DEPTH (feet) 99.12 FINAL PUMP DEPTH (feet) 95

WATER COLUMN (feet) 28.71 CASING/TUBING DIAMETER (in/ft) 4 SAMPLER'S SIGNATURE [signature]

WELL/PUMP VOLUME (V) (gals) 28.71 x 0.65 = 18.66 3 V (gals) 55.98

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC ~~(µmhos/cm)~~ mS/cm	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
9:00	start purge	70.41	95								0	0	0.25
9:05		71.36	95	24.56	0.169	7.02	11.6	<1.36	164.7	cloudy	1.25	0.07	
9:10		71.43	95	20.13	0.178	6.78	59.0	3.68	165.2	"	2.50	0.13	
9:15		71.44	95	19.75	0.177	6.73	27.2	4.00	150.9	"	3.75	0.20	
9:20		71.44	95	19.69	0.177	6.74	19.1	4.19	138.6	clear	5.00	0.27	
9:25		71.44	95	19.77	0.176	6.74	12.7	4.26	132.9	"	6.25	0.33	
9:30		71.44	95	19.85	0.176	6.74	10.0	4.33	127.7	"	7.50	0.40	
9:40		71.44	95	20.06	0.176	6.77	6.14	4.49	120.8	"	10.0	0.53	
9:50		71.45	95	19.97	0.176	6.76	3.85	4.57	119.5	"	12.5	0.66	
	sample time		9:50										
	dup sample time		9:00										

Fe+2 (ppm) ____ Taken from first bailer, immediately before sampling.

Comments: MS/MSD collected at this site

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ± 1° C (1.8°F)	Conductivity ± 5%
pH ± 0.1	Turbidity ≤ 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\urp\BGMP-AFRC\BGMP coreldraw\figs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/24/03 SITE NUMBER ____ PURGING DEVICE grundfos redi flo II

PROGRAM NAME Lockheed - Beaumont SAMPLING DEVICE ____

MONITORING WELL IDENTIFICATION MW-36 OVA. FID ~~PID~~ In Casing (ppm) (initial) = (vented to) ____

SAMPLE I.D. MW-36-072403 DUPLICATE I.D. MW-136-072403 IN BREATHING ZONE (ppm) (initial) = (vented to) ____

STATIC WATER LEVEL (ft btoc) 76.47 TOTAL WELL DEPTH (feet) 103.11 FINAL PUMP DEPTH (feet) 100

WATER COLUMN (feet) ~~Static~~ 26.24 CASING/TUBING DIAMETER (in/ft) 2 SAMPLER'S SIGNATURE ____

WELL/PUMP VOLUME (V) (gals) 26.24 x 0.16 = 4.26 3 V (gals) 12.79

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC ~~(umhos/cm)~~ mS/cm	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
14:10	startpump	76.47	100								ø	ø	0.25
14:15		77.18	100	24.0	0.231	6.69	440	5.05	86.5	brn	1.25	0.29	
14:20		77.24	100	22.91	0.225	6.57	505	5.56	103.8	"	2.50	0.59	
14:25		77.26	100	21.96	0.225	6.55	119	5.59	111.9	"	3.75	0.88	
14:30		77.26	100	21.75	0.223	6.55	40.1	5.51	114.5	cloudy	5.00	1.17	
14:35		77.27	100	21.84	0.223	6.56	14.8	5.50	114.5	clear	6.25	1.47	
14:40		77.28	100	21.86	0.224	6.56	5.9	5.53	114.8	"	7.50	1.76	
14:50		77.30	100	21.81	0.223	6.57	4.83	5.59	116.0	"	10.00	2.35	
	sample tm		14:50										
	dup sample tm		14:05										

V:\graphics\rpt\BGMP-AFRC\BGMP coreldraw\figs\purgetable.cdr

Fe+2 (ppm) ____ Taken from first bailer, immediately before sampling.

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1° C (1.8°F)	Conductivity ± 5%
pH ± 0.1	Turbidity ≤ 5 NTUs

Comments: ____

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/23/03 SITE NUMBER ____

PROGRAM NAME Lockheed - Bonnet

MONITORING WELL IDENTIFICATION MW-37

SAMPLE I.D. MW-37-072303 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 34.15 TOTAL WELL DEPTH (feet) 61.90

WATER COLUMN (feet) 27.75 CASING/TUBING DIAMETER (in/ft) 4

WELL/PUMP VOLUME (V) (gals) 27.75 X 0.65 = 18.04 3 V (gals) 54.11

PURGING DEVICE grundfos redi flo II

SAMPLING DEVICE 1" ~ "

OVA: FID ☐ PID ☐ In Casing (ppm) (initial) ~ (vented to) ____

IN BREATHING ZONE (ppm) (initial) ____ (vented to) ____

FINAL PUMP DEPTH (feet) 59

SAMPLER'S SIGNATURE ____

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC (~~µmhos/cm~~) MS/CM	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
9:52	start purge	34.15	59	—	—	—	—	—	—	—	ø	ø	0.25
9:57		35.58	59	21.93	0.522	7.76	28.3	1.61	-4.3	cloudy	1.25	0.07	
10:02		36.30	59	21.89	0.518	7.74	8.53	0.22	-5.6	clear	2.50	0.14	
10:07		36.64	59	22.39	0.519	7.75	5.57	0.16	4.1	"	3.75	0.21	
10:12		36.71	59	22.49	0.519	7.75	6.25	0.14	4.2	"	5.00	0.28	
10:17		36.75	59	22.66	0.517	7.74	2.93	0.13	8.6	"	6.25	0.35	
10:22		36.78	59	22.67	0.517	7.76	2.50	0.15	9.3	"	7.50	0.42	
	Sample time 10:22												

Fe+2 (ppm) ____ Taken from first bailer, immediately before sampling.

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1° C (1.8°F)	Conductivity ± 5%
pH ± 0.1	Turbidity ≤5 NTUs

Comments: ____

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\imp\BGMP-AFRC\BGMP coreldraw\figs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/25/03 SITE NUMBER ____

PROGRAM NAME Lockheed- Beaumont

MONITORING WELL IDENTIFICATION MW-40

SAMPLE I.D. MW-40-072503 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 40.20 TOTAL WELL DEPTH (feet) 67.48

WATER COLUMN (feet) 27.28 CASING/TUBING DIAMETER (in/ft) 4

WELL/PUMP VOLUME (V) (gals) 27.28 X 0.65 = 17.73 3 V (gals) 53.20

PURGING DEVICE grundfos redi Flo II

SAMPLING DEVICE ____

OVA: FID ☐ ~~PID~~ ☐ In Casing (ppm) (initial) 2 (vented to) ____

IN BREATHING ZONE (ppm) (initial) ____ (vented to) ____

FINAL PUMP DEPTH (feet) 65

SAMPLER'S SIGNATURE ____

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC ~~(umhos/cm)~~ mS/cm	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
14:20	start purge	40.20	65								Ø	Ø	0.25
14:25		40.61	65	28.27	0.355	7.36	5.47	2.39	80.0	clear	1.25	0.07	
14:30		40.82	65	24.78	0.348	7.24	2.75	2.00	64.2	"	2.50	0.17	
14:35		40.75	65	24.98	0.342	7.21	0.80	0.86	50.8	"	3.75	0.21	
14:40		40.77	65	25.25	0.342	7.21	0.72	0.76	44.6	"	5.00	0.28	
14:45		40.77	65	25.27	0.343	7.21	0.39	0.76	42.0	"	6.25	0.35	
14:50		40.78	65	25.23	0.342	7.20	0.53	0.72	39.9	"	7.50	0.42	
	sample time -			14:50									

Fe+2 (ppm) ____ Taken from first bailer, immediately before sampling.

Comments: ____

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ± 1° C (1.8°F)	Conductivity ± 5%
pH ± 0.1	Turbidity ≤ 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial sc.eening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\rpt\BGMP-AFRC\BGMP coreldraw\figs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/30/03 SITE NUMBER ___ PURGING DEVICE grundfos red. Sloff

PROGRAM NAME Lockheed- Bacumt SAMPLING DEVICE ___

MONITORING WELL IDENTIFICATION MW-42 OVA: FID ☐ ~~PID~~ ☐ ~~In~~ Casing (ppm) (initial) = (vented to) ___

SAMPLE I.D MW-42-073003 DUPLICATE I.D. — IN BREATHING ZONE (ppm) (initial) ___ (vented to) ___

STATIC WATER LEVEL (ft btoc) 10.01 TOTAL WELL DEPTH (feet) 37.99 FINAL PUMP DEPTH (feet) 35

WATER COLUMN (feet) 27.98 CASING/TUBING DIAMETER (in/ft) 4 SAMPLER'S SIGNATURE SD

WELL/PUMP VOLUME (V) (gals) 27.98 x 0.65 = 18.19 3 V (gals) 54.56

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC ~~(umhos/cm)~~ ~~mS/cm~~	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (ml/PM / GPM)
10:08	start purge	10.01	35								0	0	0.25
10:13		11.67	35	21.65	0.329	7.01	95.8	0.58	102.5	brn	1.25	0.07	
10:18		12.08	35	21.26	0.320	6.93	50.5	0.27	41.8	cloudy	2.50	0.14	
10:23		12.35	35	20.85	0.330	6.92	27.3	0.21	26.5	"	3.75	0.21	
10:28		12.52	35	20.62	0.332	6.93	14.4	0.15	16.7	clear	5.00	0.27	
10.33		12.55	35	20.63	0.333	6.94	8.11	0.12	11.2	"	6.25	0.34	
10.38		12.58	35	20.57	0.333	6.94	5.90	0.11	8.3	"	7.50	0.41	
10:43		12.61	35	20.55	0.335	6.92	3.74	0.11	4.7	"	6.25	0.48	
	sample time 10:43												

Fe+2 (ppm) ___ Taken from first bailer, immediately before sampling.

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1° C (1.8°F)	Conductivity ± 5%
pH ± 0.1	Turbidity ≤5 NTUs

Comments: ___

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\rpt\BGMP-AFRC\BGMP coreldraw\figs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/22/03 SITE NUMBER ____

PROGRAM NAME Lockheed - Beaumt

MONITORING WELL IDENTIFICATION MW-43

SAMPLE I.D. MW-43-072203 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 6.38 TOTAL WELL DEPTH (feet) 24.49

WATER COLUMN (feet) 18.11 CASING/TUBING DIAMETER (in/ft) 4

WELL/PUMP VOLUME (V) (gals) 18.11 x 0.65 = 11.77 3 V (gals) 35.31

PURGING DEVICE grund fos redi flo ft

SAMPLING DEVICE " " "

OVA: FID ☐ PID ☒ ~~In Casing~~ (ppm) (initial) 2 (vented to) ____

IN BREATHING ZONE (ppm) (initial) ____ (vented to) ____

FINAL PUMP DEPTH (feet) 21

SAMPLER'S SIGNATURE ____

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC (~~µmhos/cm~~ mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
9:30	start purge	6.36	21	—	—	—	—	—	—	—	∅	∅	0.25
9:35		7.37	21	20.92	0.213	6.85	6.97	0.96	8.8	clear	1.25	0.11	|
9:40		8.21	21	19.83	0.221	6.86	8.09	0.57	-30.6	"	2.50	0.21	|
9:45		8.83	21	20.59	0.221	6.82	7.74	0.38	-49.0	"	3.75	0.32	|
9:50		9.21	21	21.24	0.223	6.84	5.46	0.37	-51.2	"	5.00	0.42	|
9:55		9.26	21	23.07	0.223	6.86	5.25	0.35	-57.4	"	6.25	0.53	|
10:00		9.28	21	21.50	0.229	6.87	4.68	0.28	-103.8	"	7.50	0.64	↓
	Sample time -	10:00											

Fe+2 (ppm) ____ Taken from first bailer, immediately before sampling.

Comments: ____

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1° C (1.8°F)	Conductivity ± 5%
pH ± 0.1	Turbidity ≤5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\rpt\BGMP-AFRC\BGMP coreldraw\fig\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/22/03 SITE NUMBER ___ PURGING DEVICE NA Artesian

PROGRAM NAME Lockheed - Benicia SAMPLING DEVICE ~~NA~~ bailer

MONITORING WELL IDENTIFICATION MW-45

OVA: FID ☐ PID ☐ In Casing (ppm) (initial) — (vented to) ___

SAMPLE I.D. MW-45-072203 DUPLICATE I.D. MW-145-072203 IN BREATHING ZONE (ppm) (initial) — (vented to) ___

STATIC WATER LEVEL (ft btoc) Artesian TOTAL WELL DEPTH (feet) NA FINAL PUMP DEPTH (feet) NA

WATER COLUMN (feet) — CASING/TUBING DIAMETER (in/ft) 4 SAMPLER'S SIGNATURE SB

WELL/PUMP VOLUME (V) (gals) — 3 V (gals) ___

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC (~~µmhos/cm~~) mS/cm	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
9:10	sample	artesian		19.96	0.214	6.89	5.25	3.72	12.4	clear	—	—	—
	sample time	9:10											
	sample time dup			9:30									

Fe+2 (ppm) ___ Taken from first bailer, immediately before sampling.

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1° C (1.8°F)	Conductivity ± 5%
pH ± 0.1	Turbidity ≤5 NTUs

Comments: artesian well
~~to~~ unable to get to top of well to measure
sampled w/ bailer

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\rp\BGMP-AFR\CBGMP coreldraw\figs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/22/03 SITE NUMBER ___ PURGING DEVICE Artesian Well

PROGRAM NAME Lockheed Fremont SAMPLING DEVICE Bailer

MONITORING WELL IDENTIFICATION MW-47

OVA: FID ☐ PID ☐ Casing (ppm) (initial) — (vented to) ___

SAMPLE I.D. MW-47-072203 DUPLICATE I.D. — IN BREATHING ZONE (ppm) (initial) ___ (vented to) ___

STATIC WATER LEVEL (ft btoc) Artesian TOTAL WELL DEPTH (feet) 55.25 FINAL PUMP DEPTH (feet) NA

WATER COLUMN (feet) 55.25 CASING/TUBING DIAMETER (in/ft) 4 SAMPLER'S SIGNATURE ___

WELL/PUMP VOLUME (V) (gals) 55.25 X 0.65 = 35.91 3 V (gals) 107.74

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC ~~(µmhos/cm)~~ mS/cm	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
10:30	Sample well Artesian			20.97	0.258	7.08	6.31	4.44	147.5	clear	—	—	—
	Sample time	10:30											

Fe+2 (ppm) ___ Taken from first bailer, immediately before sampling.

Comments: Bailer sample

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ± 1° C (1.8°F)	Conductivity ± 5%
pH ± 0.1	Turbidity ≤ 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\mp\BGMP-AFR\BGMP coreldraw\figs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/22/03 SITE NUMBER ____ PURGING DEVICE grundfos redi flo II

PROGRAM NAME Lockheed- Benumont SAMPLING DEVICE ____

MONITORING WELL IDENTIFICATION MW-18 OVA: FID ~~PID~~ ~~In Casing (ppm)~~ (initial) — (vented to) ____

SAMPLE I.D. MW-18-072203 DUPLICATE I.D. — IN BREATHING ZONE (ppm) (initial) — (vented to) ____

STATIC WATER LEVEL (ft btoc) 10.54 TOTAL WELL DEPTH (feet) 26.04 FINAL PUMP DEPTH (feet) 23

WATER COLUMN (feet) 15.50 CASING/TUBING DIAMETER (in/ft) 2 SAMPLER'S SIGNATURE ____

WELL/PUMP VOLUME (V) (gals) 15.50 x 0.65 = 10.08 3 V (gals) 30.23

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC ~~(umhos/cm)~~ mS/cm	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
10:46	start purge	10.54	23	—	—	—	—	—	—	—	Ø	Ø	0.25
10:51		10.85	23	21.80	0.352	7.24	27.9	0.40	-103.4	cloudy	1.25	0.12	
10:56		10.92	23	21.65	0.344	7.25	15.5	0.24	-107.0	clear	2.50	0.25	
11:01		10.94	23	21.46	0.339	7.25	12.2	0.17	-110.5	"	3.75	0.37	
11:06		10.97	23	21.34	0.338	7.27	7.57	0.14	-111.5	"	5.00	0.50	
11:11		11.00	23	21.34	0.329	7.27	4.47	0.10	-114.8	"	6.25	0.62	
11:16		11:02	23	21.43	0.326	7.28	3.78	0.09	-114.1	"	7.50	0.74	
sample time ~		11:16											

Fe+2 (ppm) ____ Taken from first bailer, immediately before sampling.

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1° C (1.8°F)	Conductivity ± 5%
pH ± 0.1	Turbidity ≤ 5 NTUs

Comments: ____

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\rpt\BGMP-AFRC\BGMP coreldraw\figs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

Page ___ of ___

DATE 7/25/03 SITE NUMBER ___

PROGRAM NAME Lockheed - Basement

MONITORING WELL IDENTIFICATION MW-49

SAMPLE I.D. MW-49-072503 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 31.42 TOTAL WELL DEPTH (feet) 53.19

WATER COLUMN (feet) 21.77 CASING/TUBING DIAMETER (in/ft) 4

WELL/PUMP VOLUME (V) (gals) 21.77 X 0.65 = 14.15 3 V (gals) 42.45

PURGING DEVICE grundfos redi-flo II

SAMPLING DEVICE " " "

OVA: FID ~~PID~~ In Casing (ppm) (initial) 2 (vented to) ___

IN BREATHING ZONE (ppm) (initial) ___ (vented to) ___

FINAL PUMP DEPTH (feet) 50

SAMPLER'S SIGNATURE SP

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC ~~(µmhos/cm)~~ MS/CM	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
13:06	start purge	31.42	50	—	—	—	—	—	—	—	0	0	0.25
13:11		31.72	50	25.3	0.250	6.84	17.00	1.37	70.4	clear	1.25	0.09	
13:16		31.73	50	22.25	0.238	6.66	9.01	0.89	79.1	"	2.50	0.18	
13:21		31.74	50	22.18	0.234	6.66	6.42	0.98	80.6	"	3.75	0.27	
13:26		31.75	50	21.94	0.229	6.66	2.64	1.51	81.5	"	5.00	0.35	
13:31		31.75	50	22.12	0.225	6.67	0.82	1.62	84.3		6.25	0.44	
13:36		31.75	50	22.08	0.222	6.66	0.84	1.68	85.7		7.50	0.53	↓
	Sample time — 13:36												

Fe+2 (ppm) ___ Taken from first bailer, immediately before sampling.

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1° C (1.8°F)	Conductivity ± 5%
pH ± 0.1	Turbidity ≤5 NTUs

Comments: ___

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\up\BGMP-AFR\CBGMP coreldraw\figs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/24/03 SITE NUMBER ___

PROGRAM NAME Lockheed Beaumont

MONITORING WELL IDENTIFICATION MW-56A

SAMPLE I.D. MW-56A-072403 DUPLICATE I.D. ___

STATIC WATER LEVEL (ft btoc) 54.58 TOTAL WELL DEPTH (feet) 179.80

WATER COLUMN (feet) 125.22 CASING/TUBING DIAMETER (in/ft) 2

WELL/PUMP VOLUME (V) (gals) 125.22 x 0.16 = 20.04 3 V (gals) 60.11

PURGING DEVICE grundfos redi flo II

SAMPLING DEVICE ___

OVA FID ~~PID~~ In Casing (ppm) (initial) = (vented to) ___

IN BREATHING ZONE (ppm) (initial) = (vented to) ___

FINAL PUMP DEPTH (feet) 175

SAMPLER'S SIGNATURE ___

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC ~~(umhos/cm)~~ ms/cm	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (ml/PM / GPM)
9:11	start purge	54.58	175								∅	∅	0.25
9:16		55.61	175	21.01	0.285	9.05	76.9	0.87	87.0	cloudy	1.25	0.06	
9:21		56.17	175	20.94	0.284	9.07	61.2	0.28	72.3	brn / cloudy	2.50	0.12	
9:26		56.56	175	20.89	0.286	9.07	66.9	0.18	46.2	cloudy	3.75	0.19	
9:31		56.88	175	20.96	0.287	9.06	25.4	0.14	-15.6	"	5.00	0.25	
9:36		57.16	175	20.92	0.287	9.08	20.5	0.14	-92.2	clear	6.25	0.31	
9:41		57.22	175	20.99	0.288	9.06	16.6	0.13	-143.9	"	7.50	0.37	
9:46		57.30	175	21.14	0.288	9.03	14.8	0.07	-170.9	"	10.00	0.50	
10:01		57.32	175	21.26	0.288	8.99	10.74	0.06	-177.9	"	12:50	0.62	
10:11		57.35	175	21.42	0.287	8.96	8.97	0.05	-181.3	"	15.00	0.75	
10:16		57.38	175	21.50	0.289	8.97	8.84	0.05	-180.4	"	16.23	0.81	
	sample time 10:16												

Fe+2 (ppm) ___ Taken from first bailer, immediately before sampling.

Comments: ___

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1° C (1.8°F)	Conductivity ±5%
pH ±0.1	Turbidity ≤5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphicsurp\BGMP-AFR\BGMP coreldraw\figs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/29/03 SITE NUMBER ___

PROGRAM NAME Lockheed – Beaumont

MONITORING WELL IDENTIFICATION MW-56B

SAMPLE I.D. MW-56B-072903 DUPLICATE I.D. ___

STATIC WATER LEVEL (ft btoc) 42.40 TOTAL WELL DEPTH (feet) 91.80

WATER COLUMN (feet) ~~42.40~~ 49.40 CASING/TUBING DIAMETER (in/ft) 2

WELL/PUMP VOLUME (V) (gals) 49.40 x 0.16 = 7.90 3 V (gals) 23.70

PURGING DEVICE grundfos redi flo II

SAMPLING DEVICE " " "

OVA: FID ~~PID~~ TIP Casing (ppm) (initial) — (vented to) ___

IN BREATHING ZONE (ppm) (initial) — (vented to) ___

FINAL PUMP DEPTH (feet) 90

SAMPLER'S SIGNATURE ___

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC (µmhos/cm) x ___	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
8:40		42.40	90	—	—	—	—	—	—	—	ϕ	ϕ	0.25
8:45		44.67	90	21.15	0.359	6.95	90.20	3.26	135.0	brn	1.25	0.16	
8:50		44.63	90	20.90	0.350	6.94	37.7	2.85	127.7	cloudy	2.50	0.32	
8:55	~~8:00~~	44.62	90	20.86	0.341	6.97	18.4	1.01	112.6	"	3.75	0.47	
9:00		44.63	90	20.92	0.337	6.96	10.75	0.71	103.8	clear	5.00	0.63	
9:05		44.65	90	20.97	0.336	6.97	7.01	0.77	100.5	"	6.25	0.79	
9:10		44.64	90	21.05	0.334	6.94	6.98	0.74	98.3	"	7.50	0.95	
9:20		44.64	90	21.11	0.333	6.98	4.97	0.78	92.3	"	10.00	1.28	
	sample time		9:20										

Fe+2 (ppm) ___ Taken from first bailer, immediately before sampling.

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1° C (1.8°F)	Conductivity ± 5%
pH ± 0.1	Turbidity ≤ 5 NTUs

Comments: ___

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\up\BGMP-AFR\CBGMP corel\draw\figs\purgesable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/30/02 SITE NUMBER ____ PURGING DEVICE grundfos redi-flo II

PROGRAM NAME Lockheed- Beaumont SAMPLING DEVICE ____

MONITORING WELL IDENTIFICATION MW-56C OVA: FID ☐ ~~PID~~ ☐ In-Casing (ppm) (initial) ____ (vented to) ____

SAMPLE I.D. MW-56C-073002 DUPLICATE I.D. ____ IN BREATHING ZONE (ppm) (initial) ____ (vented to) ____

STATIC WATER LEVEL (ft btoc) 42.73 TOTAL WELL DEPTH (feet) 59.55 FINAL PUMP DEPTH (feet) 57

WATER COLUMN (feet) 16.82 CASING/TUBING DIAMETER (in/ft) 2 SAMPLER'S SIGNATURE ____

WELL/PUMP VOLUME (V) (gals) 16.82 X 0.162 2.69 3 V (gals) 8.07

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC ~~(umhos/cm)~~ MS/CM	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
11:16	start pg	42.73	57								0	0	0.25
11:21		43.66	57	23.38	0.251	6.70	38.9	2.76	180.0	cloudy	1.25	0.46	
11:26		43.67	57	23.04	0.249	6.65	25.5	2.44	158.8	"	2.50	0.93	
11:31		43.68	57	23.10	0.246	6.63	15.5	2.77	144.5	clear	3.75	1.39	
11:36		43.68	57	23.17	0.246	6.65	8.97	3.40	133.4	"	5.00	1.86	
11:41		43.68	57	23.04	0.245	6.66	9.40	3.59	131.2	"	6.25	2.32	
11:46		43.68	57	22.71	0.246	6.65	6.03	3.62	129.3	"	7.50	2.79	
11:51		43.68	57	22.23	0.244	6.65	5.49	3.75	128.5	"	8.75	3.25	
11:56		43.68	57	22.41	0.244	6.64	4.85	3.87	128.4	"	10.00	3.71	
	sample time - 11:56												

Fe+2 (ppm) ____ Taken from first bailer, immediately before sampling.

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1° C (1.8°F)	Conductivity ± 5%
pH ± 0.1	Turbidity ≤ 5 NTUs

Comments: ____

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\srp\BGMP-AFRC\BGMP coreldraw\figs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/29/03 SITE NUMBER ___

PROGRAM NAME Lockheed Beaumont

MONITORING WELL IDENTIFICATION MW-56D

SAMPLE I.D. MW-56D-072903 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 42.38 TOTAL WELL DEPTH (feet) 75.06

WATER COLUMN (feet) 32.68 CASING/TUBING DIAMETER (in/ft) 2

WELL/PUMP VOLUME (V) (gals) 32.68 X 0.16 = 5.23 3 V (gals) 15.69

PURGING DEVICE grundfos redi flo II

SAMPLING DEVICE ___

OVA: FID ☒ PID ☐ In Casing (ppm) (initial) — (vented to) ___

IN BREATHING ZONE (ppm) (initial) — (vented to) ___

FINAL PUMP DEPTH (feet) 73

SAMPLER'S SIGNATURE ___

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC ~~(µmhos/cm)~~ mS/cm	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
9:45	start purge	42.38	73	—	—	—	—	—	—	—	ϕ	ϕ	0.25
9:50		42.42	73	23.33	0.414	6.83	108.6	6.45	282.4	brn	1.25	0.24	
9:55		42.42	73	22.78	0.422	6.76	31.5	3.74	245.1	cloudy	2.50	0.48	
10:00		42.42	73	22.80	0.421	6.76	8.91	2.66	210.0	clear	3.75	0.72	
10:05		42.40	73	22.83	0.421	6.75	5.37	1.45	191.8	"	5.00	0.96	
10:10		42.41	73	22.88	0.421	6.75	5.55	1.34	173.8	"	6.25	1.20	
10:15		42.42	73	22.42	0.421	6.72	2.80	1.28	162.4	"	7.50	1.44	
	sample time -			10:15									

Fe+2 (ppm) ___ Taken from first bailer, immediately before sampling.

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1° C (1.8°F)	Conductivity ±5%
pH ±0.1	Turbidity ≤5 NTUs

Comments: ___

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\rp\BGMP-AFRC\BGMP coreldraw\figs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/24/03 SITE NUMBER ___ PURGING DEVICE grundfos redi-flo II

PROGRAM NAME Lockheed Beaumont SAMPLING DEVICE ___

MONITORING WELL IDENTIFICATION MW-58A OVA: FID ☐ PID ☐ In Casing (ppm) (initial) = (vented to) ___

SAMPLE I.D. MW58A-072403 DUPLICATE I.D. ___ IN BREATHING ZONE (ppm) (initial) ___ (vented to) ___

STATIC WATER LEVEL (ft btoc) 40.77 TOTAL WELL DEPTH (feet) 81.99 FINAL PUMP DEPTH (feet) 80

WATER COLUMN (feet) 41.22 CASING/TUBING DIAMETER (in/ft) 2 SAMPLER'S SIGNATURE [signature]

WELL/PUMP VOLUME (V) (gals) 41.22 x 0.16 = 6.60 3 V (gals) 19.79

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC (~~µmhos/cm~~) mS/cm	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
12:39	start purge	40.77	80								Ø	Ø	0.25
12:44		44.15	80	23.06	0.220	6.63	579	4.13	87.8	brn	1.25	0.19	
12:49		44.38	80	22.75	0220	6.78	195	3.94	89.6	cloudy	2.50	0.38	
12:54		44.48	80	22.66	0.224	6.81	44.2	3.97	82.5	"	3.75	0.57	
12:59		44.58	80	22.68	0.228	6.81	15.9	3.81	76.4	clear	5.00	0.76	
13:04		44.60	80	22.59	0.233	6.80	7.69	3.78	74.6	"	6.25	0.95	
13:09		44.62	80	22.53	0.233	6.80	5.02	3.76	73.4	"	7.50	1.14	
13:14		44.65	80	22.57	0.234	6.79	3.65	3.71	72.4	"			
	sample time		13:14										

V:\graphics\srp\BGMP-AFRC\BGMP coreldraw\figs\purgetable.cdr

Fe+2 (ppm) ___ Taken from first bailer, immediately before sampling.

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1° C (1.8°F)	Conductivity ± 5%
pH ± 0.1	Turbidity ≤5 NTUs

Comments: ___

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/29/03 SITE NUMBER ___

PROGRAM NAME Lockheed Beaumont

MONITORING WELL IDENTIFICATION MW-58B

SAMPLE I.D. MW-58B-072903 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 40.73 TOTAL WELL DEPTH (feet) 50.69

WATER COLUMN (feet) 9.96 CASING/TUBING DIAMETER (in/ft) 2

WELL/PUMP VOLUME (V) (gals) 9.96 x 0.16 = 1.59 3 V (gals) 4.78

PURGING DEVICE grundfos redi flo II

SAMPLING DEVICE 4 4"

OVA: FID ~~PID~~ In Casing (ppm) (initial) 0 (vented to) ___

IN BREATHING ZONE (ppm) (initial) — (vented to) ___

FINAL PUMP DEPTH (feet) 48

SAMPLER'S SIGNATURE S

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC ~~(µmhos/cm)~~ µS/cm	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
11:50	start purge	40.73	48	—						—	0	0	0.25
1155		41.22	48	21.89	0.217	7.08	+1000	6.43	181.8	brn	1.25	0.79	
12:00		41.23	48	22.86	0.212	6.75	455	6.64	134.5	"	2.50	1.57	
12:05		41.24	48	22.67	0.209	6.71	441	6.71	123.6	"	3.75	2.36	
12:10		41.25	48	23.06	0.214	6.73	166	6.70	119.5	"	5.00	3.14	
12:15		41.26	48	22.88	0.210	6.72	82.4	6.75	115.1	cloudy	6.25	3.93	
12:20		41.25	48	23.60	0.209	6.72	197	6.75	112.8	"	7.50	4.72	
12:30		41.26	48	23.28	0.211	6.70	29.7	6.56	107.1	clear	10.00	6.29	
12:40		41.24	48	22.87	0.212	6.71	16.2	6.72	109.0	"	12.50	7.86	
12:50		41.26	48	23.17	0.213	6.70	8.55	6.53	107.2	"	15.0	9.43	
13:00		41.27	48	23.06	0.214	6.68	6.40	6.70	107.3	"	17.5	11.01	
13:10		41.27	48	22.27	0.213	6.67	6.80	6.70	106.7	"	20.0	12.58	
	sample time 13:10												

Fe+2 (ppm) ___ Taken from first bailer, immediately before sampling.

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1° C (1.8°F)	Conductivity ± 5%
pH ± 0.1	Turbidity ≤ 5 NTUs

Comments: ___

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\rpt\BGMP-AFR\BGMP coreldraw\figs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/28/03 SITE NUMBER ___

PROGRAM NAME Lockheed - Benmont

MONITORING WELL IDENTIFICATION MW-58C

SAMPLE I.D MW-58C-072803 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 41.09 TOTAL WELL DEPTH (feet) 60.09

WATER COLUMN (feet) 19.00 CASING/TUBING DIAMETER (in/ft) 2

WELL/PUMP VOLUME (V) (gals) 19.00 x 0.16 = 3.04 3 V (gals) 9.12

PURGING DEVICE grundfos redi flo II

SAMPLING DEVICE " " "

OVA FID PID In Casing (ppm) (initial) — (vented to) —

IN BREATHING ZONE (ppm) (initial) — (vented to) —

FINAL PUMP DEPTH (feet) 58

SAMPLER'S SIGNATURE CP

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC ~~(umhos/cm)~~ mS/cm	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
10:20	start purge	41.09	58	—	—	—	—	—	—	—	0	0	0.25
10:25		41.20	58	24.57	0.223	6.71	373	6.62	147.6	brn	1.25	0.41	
10:30		41.21	58	21.95	0.228	6.67	37.3	6.82	139.2	cloudy	2.50	0.82	
10:35		41.21	58	21.76	0.228	6.68	8.24	6.88	136.7	clear	3.75	1.23	
10:40		41.21	58	21.67	0.228	6.67	3.69	6.68	134.8	"	5.00	1.64	
10:45		41.21	58	21.71	0.228	6.69	0.96	6.80	133.8	"	6.25	2.06	
10:50		41.21	58	21.63	0.228	6.69	0.41	6.75	133.2	"	7.50	2.47	
	sample time	10:50											

Fe+2 (ppm) ___ Taken from first bailer, immediately before sampling.

Comments: MS/MSD Sample collected at this site

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1° C (1.8°F)	Conductivity ± 5%
pH ± 0.1	Turbidity ≤5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\rpt\BGMP-AFR\BGMP coreldraw\figs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/29/03 SITE NUMBER ___

PROGRAM NAME Lockheed - Beaumont

MONITORING WELL IDENTIFICATION MW-58D

SAMPLE I.D. MW-58D-072903 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 41.04 TOTAL WELL DEPTH (feet) 71.05

WATER COLUMN (feet) 30.01 CASING/TUBING DIAMETER (in/ft) 2

WELL/PUMP VOLUME (V) (gals) 30.01 x 0.16 = 4.80 3 V (gals) 14.40

PURGING DEVICE grundfos redi flo #

SAMPLING DEVICE disposable bailer

OVA: FID ☐ ~~PID~~ ☐ In Casing (ppm) (initial) — (vented to) ___

IN BREATHING ZONE (ppm) (initial) — (vented to) ___

FINAL PUMP DEPTH (feet) 69

SAMPLER'S SIGNATURE ___

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC ~~(µmhos/cm)~~ mS/cm	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
10:55	start purge	41.04	69	—	—	—	—	—	—	—	Ø	Ø	0.25
11:00		48.38	69	24.15	0.269	6.83	9.54	4.62	227.2	clear	1.25	0.26	
11:05		50.11	69	23.58	0.253	6.74	36.9	5.16	181.0	cloudy	2.50	052	
11:10		53.05	69	23.35	0.254	6.66	19.5	5.13	135.0	"	3.75	0.78	
11:15		56.01	69	23.17	0.259	6.63	12.8	4.51	126.4	clear	5.00	1.04	
11:20		60.02	69	21.80	0.257	6.61	6.21	5.16	121.5	"	6.25	1.30	
11:25		66.31	69	21.51	0.265	6.58	4.72	4.36	117.8	"	7.50	1.56	
11:30		68.80	71	21.63	0.265	6.58	7.30	4.62	114.2	"	8.75	1.82	
	well purged dry @ 11:32												
	sample time	11:40											

Fe+2 (ppm) ___ Taken from first bailer, immediately before sampling.

Comments: ___

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1° C (1.8°F)	Conductivity ± 5%
pH ± 0.1	Turbidity ≤5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\rpt\BGMP-AFRC\BGMP coreldraw\figs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/28/03 SITE NUMBER ___

PROGRAM NAME Lockheed - Beaumt

MONITORING WELL IDENTIFICATION MW-59C

SAMPLE I.D MW-59C-072803 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 79.76 TOTAL WELL DEPTH (feet) 135.19

WATER COLUMN (feet) 55.43 CASING/TUBING DIAMETER (in/ft) 2

WELL/PUMP VOLUME (V) (gals) 55.43 x 0.16 = 8.87 3 V (gals) 26.61

PURGING DEVICE grundfos redi-flo II

SAMPLING DEVICE sampled with disposable bailer

OVA: FID ☐ PID ☒ In Casing (ppm) (initial) 0 (vented to) ___

IN BREATHING ZONE (ppm) (initial) ___ (vented to) ___

FINAL PUMP DEPTH (feet) 135

SAMPLER'S SIGNATURE SJ

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC ~~(µmhos/cm)~~ mS/cm	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
11:25	startpump	79.76	135	~~23.6~~ 0.							0	0	0.25
11:30		85.92	135	24.93	0.458	10.27	18.5	5.35	12.5	clear	1.25	0.14	
11:35		96.51	135	25.23	0.456	10.25	12.5	4.82	-1.0	"	2.50	0.28	
11:40		103.75	135	24.12	0.460	10.25	6.66	5.03	-2.2	"	3.75	0.42	
11:45		105.86	135	24.26	0.459	10.25	5.77	5.28	-6.2	"	5.00	0.56	
11:50		123.15	135	24.09	0.460	10.25	7.98	5.19	-8.9	"	6.25	0.70	
11:55		133.25	135	24.13	0.464	10.25	22.6	5.03	-9.1	"	7.50	0.85	
	well purged dry @ ~~11:58~~						11:58						
	Sample time 12:20												

Fe+2 (ppm) ___ Taken from first bailer, immediately before sampling.

Comments: ___

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1° C (1.8°F)	Conductivity ± 5%
pH ± 0.1	Turbidity ≤5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\rpt\BGMP-AFR\CBGMP coreldraw\figs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/29/03 SITE NUMBER ___

PROGRAM NAME Lockheed- Benmont

MONITORING WELL IDENTIFICATION MW-59D

SAMPLE I.D. MW-59D-072903 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 79.35 TOTAL WELL DEPTH (feet) 121.30

WATER COLUMN (feet) 41.95 CASING/TUBING DIAMETER (in/ft) 2

WELL/PUMP VOLUME (V) (gals) 41.95 x 0.16 = 6.71 3 V (gals) 20.14

PURGING DEVICE grundfos redi flo II

SAMPLING DEVICE Sampled with bailer

OVA: FID ☐ PID ☐ In Casing (ppm) (initial) 2 (vented to) ___

IN BREATHING ZONE (ppm) (initial) ___ (vented to) ___

FINAL PUMP DEPTH (feet) 118

SAMPLER'S SIGNATURE ___

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC ~~(umhos/cm)~~ mS/cm	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
13:50	Start purge	79.35	118	—	—					—	0	0	0.25
13:55		89.00	118	24.32	0.340	7.85	26.4	7.68	839	cloudy	1.25	0.19	
14:00		92.75	118	24.17	0.338	7.81	333	6.85	811.6	"	2.50	0.37	
14:05		97.25	118	24.41	0.337	7.82	+1000	7.98	837	brn	3.75	0.56	
14:10		102.15	118	23.53	0.336	7.78	+1000	8.18	83.2	"	5.00	0.75	
14:15		110.20	118	24.27	0.336	7.83	821	8.15	773	"	6.25	0.97	
14:20		115.72	118	24.35	0.338	7.83	703	8.09	75.2	"	7.50	1.12	
	well purged dry @			14:23									
	sample time	—		14:40									

Fe+2 (ppm) ___ Taken from first bailer, immediately before sampling.

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1° C (1.8°F)	Conductivity ± 5%
pH ± 0.1	Turbidity ≤ 5 NTUs

Comments: ___

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\rpt\BGMP-AFRC\BGMP coreldraw\figs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/28/03 SITE NUMBER ___

PROGRAM NAME Lockheed- Beaumont

MONITORING WELL IDENTIFICATION MW-62A

SAMPLE I.D. MW-62A-072803 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 31.92 TOTAL WELL DEPTH (feet) 42.00

WATER COLUMN (feet) 11.08 CASING/TUBING DIAMETER (in/ft) 2

WELL/PUMP VOLUME (V) (gals) 11.08 X 0.16 = 1.77 3 V (gals) 5.32

PURGING DEVICE ground Sub mat. Sub "

SAMPLING DEVICE ___

OVA: FID PID In Casing (ppm) (initial) — (vented to) —

IN BREATHING ZONE (ppm) (initial) — (vented to) —

FINAL PUMP DEPTH (feet) 40 42

SAMPLER'S SIGNATURE ___

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC ~~(µmhos/cm)~~ mS/cm	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
14:30	start purge	31.92	42	—	—					—	0	0	0.25
14:35		36.44	42	22.45	0.300	6.89	111	2.85	70.9	brn/cloudy	1.25	0.71	
14:40		37.15	42	24.10	0.302	6.68	27.7	2.43	76.2	cloudy	2.50	1.41	
14:45		37.42	42	23.67	0.303	6.65	12.5	2.14	82.1	clear	3.75	2.12	
14:50		37.45	42	24.11	0.303	6.63	3.40	2.02	86.4	"	5.00	2.82	
14:55		37.47	42	24.22	0.304	6.64	2.62	1.98	88.1	"	6.25	3.53	
15:00		37.49	42	24.20	0.304	6.65	1.64	1.96	89.3	"	7.50	4.24	
	sample time		1500										

Fe+2 (ppm) ___ Taken from first bailer, immediately before sampling.

Comments: ___

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1° C (1.8°F)	Conductivity ± 5%
pH ± 0.1	Turbidity ≤ 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\rpt\BGMP-AFR\CBGMP coreldrawfigs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/30/03 SITE NUMBER ___

PROGRAM NAME Lockheed - Beaumont

MONITORING WELL IDENTIFICATION MW-66

SAMPLE I.D MW-66-073003 DUPLICATE I.D. —

STATIC WATER LEVEL (ft btoc) 34.31 TOTAL WELL DEPTH (feet) 48.81

WATER COLUMN (feet) 14.50 CASING/TUBING DIAMETER (in/ft) 2

WELL/PUMP VOLUME (V) (gals) 14.50 x 0.16 = 2.32 3 V (gals) 6.96

PURGING DEVICE grundfos redi flo 4

SAMPLING DEVICE ___

OVA FID ~~PID~~ In Casing (ppm) (initial) 2 (vented to) ___

IN BREATHING ZONE (ppm) (initial) ___ (vented to) ___

FINAL PUMP DEPTH (feet) 46

SAMPLER'S SIGNATURE [signature]

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC ~~(µmhos/cm)~~ µS/cm	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
12:26	start purg	34.31	46	—	—	—	—	—	—	—	0	0	0.25
12:33		38.11	46	26.95	0.422	7.67	139.1	2.72	166.9	dry	1.25	0.54	
12:38		39.66	46	22.96	0.386	7.47	16.3	0.53	144.9	cloudy	2.50	1.08	
12:43		39.96	46	22.84	0.382	7.44	4.55	0.26	133.5	clear	3.75	1.62	
12:48		40.02	46	23.20	0.383	7.44	3.45	0.23	121.5	"	5.00	2.16	
12:53		40.05	46	23.80	0.384	7.45	2.24	0.23	113.9	"	6.25	2.69	
12:58		40.08	46	23.15	0.386	7.44	1.98	0.25	108.7	"	7.50	3.23	↓
	Sample time 12:58												

Fe+2 (ppm) ___ Taken from first bailer, immediately before sampling.

Comments: ___

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1° C (1.8°F)	Conductivity ± 5%
pH ± 0.1	Turbidity ≤5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\rpt\BGMP-AFRC\BGMP coreldraw\figs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/21/03 SITE NUMBER ___ PURGING DEVICE grundfos redi-flo II

PROGRAM NAME Lockheed - Beaumont SAMPLING DEVICE " "

MONITORING WELL IDENTIFICATION MW-67 OVA FID ☐ ~~PID~~ ☐ In Casing (ppm) (initial) = (vented to) ___

SAMPLE I.D. MW-67-072103 DUPLICATE I.D. — IN BREATHING ZONE (ppm) (initial) ___ (vented to) ___

STATIC WATER LEVEL (ft btoc) 5.21 TOTAL WELL DEPTH (feet) 15.20 FINAL PUMP DEPTH (feet) ___

WATER COLUMN (feet) 9.99 CASING/TUBING DIAMETER (in/ft) 2 SAMPLER'S SIGNATURE ___

WELL/PUMP VOLUME (V) (gals) 9.99 X 0.16 = 1.60 3 V (gals) 4.80

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC ~~(umhos/cm)~~ mS/cm	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	~~Bore Hole~~ casing Volumes Purged	Flow Rate (mlPM / GPM)
10:46	start pg	5.21 ~~9.99~~	13	—	—	—	—	—	—	—	Ø	Ø	0.25
10:51		5.46	13	22.51	1.211	7.20	39.9	0.53	-192.1	cloudy	1.25	0.78	
10:56		5.50	13	22.78	1.212	7.22	11.2	0.47	-152.3	clear	2.50	1.56	
11:01		5.50	13	22.87	1.210	7.23	3.53	0.24	-134.6	"	3.75	2.34	
11:06		5.51	13	23.09	1.209	7.24	1.76	0.18	-123.3	"	5.00	3.13	
11:11		5.51	13	22.93	1.209	7.23	1.38	0.17	-117.7	"	6.25	3.91	
11:16		5.51	13	23.98	1.209	7.24	0.32	0.16	-115.1	"	7.50	4.69	
	Sample time - 11:16												

Fe+2 (ppm) ___ Taken from first bailer, immediately before sampling.

Comments: Equipment blank collected at this site
MS/MSD collected at this site

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1° C (1.8°F)	Conductivity ± 5%
pH ± 0.1	Turbidity ≤5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\rm\BGMP-AFRC\BGMP coreldraw\figs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

Page ___ of ___

DATE 7/24/03 SITE NUMBER ____

PROGRAM NAME Lockheed - Bowmar

MONITORING WELL IDENTIFICATION OW-01

SAMPLE I.D. OW-01-072403 DUPLICATE I.D. ____

STATIC WATER LEVEL (ft btoc) 57.30 TOTAL WELL DEPTH (feet) 70.22

WATER COLUMN (feet) 12.92 CASING/TUBING DIAMETER (in/ft) 2

WELL/PUMP VOLUME (V) (gals) 12.92 x 0.16 = 2.07 3 V (gals) 6.20

PURGING DEVICE grundfos redi flo 2

SAMPLING DEVICE disposable bailer

OVA: FID ☐ ~~PID~~ ☐ in Casing (ppm) (initial) ≈ (vented to) ____

IN BREATHING ZONE (ppm) (initial) ____ (vented to) ____

FINAL PUMP DEPTH (feet) 68

SAMPLER'S SIGNATURE ____

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC (~~µmhos/cm~~) ~~MS/CM~~	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
15:20	start purge	57.30	68								Ø	Ø	0.25
15:25		67.52	68	2632	1.063	6.43	106.7	4.29	121.3	cloudy	1.25	0.60	
~~15:30~~											~~2.50~~	~~1.21~~	
~~15:35~~											~~3.75~~	~~1.81~~	
~~15:40~~											~~5.00~~	~~2.42~~	
~~15:45~~											~~6.25~~	~~3.02~~	
~~15:50~~											~~7.50~~	~~3.62~~	
	well purged dry @ 15:26												
	sample true		15:45										

Fe+2 (ppm) ____ Taken from first bailer, immediately before sampling.

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1° C (1.8°F)	Conductivity ± 5%
pH ± 0.1	Turbidity ≤ 5 NTUs

Comments: ____

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\pub\BGMP-AFR\BGMP coreldraw\figs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

Page ___ of ___

DATE 7/22/03 SITE NUMBER ___ PURGING DEVICE grundfos redi flo 4

PROGRAM NAME Lockheed - Baumont SAMPLING DEVICE bailer

MONITORING WELL IDENTIFICATION OW-02 OVA: FID ~~PID~~ ~~In Casing (ppm)~~ (initial) — (vented to) ___

SAMPLE I.D. OW-02-072203 DUPLICATE I.D. — IN BREATHING ZONE (ppm) (initial) ___ (vented to) ___

STATIC WATER LEVEL (ft btoc) 3.81 TOTAL WELL DEPTH (feet) 18.42 FINAL PUMP DEPTH (feet) 18

WATER COLUMN (feet) 14.61 CASING/TUBING DIAMETER (in/ft) 2 SAMPLER'S SIGNATURE

WELL/PUMP VOLUME (V) (gals) 14.61 x 0.16 = 2.34 3 V (gals) 7.01

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC (~~µmhos/cm~~ mS/cm	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
12:12	start pg	3.81	18	—	—	—	—	—	—	—	∅	∅	0.25
12:17		5.70	18	24.17	0.231	7.18	10.90	3.29	76.9	clear	1.25	0.53	↓
12:22		7.56	18	22.76	0.223	6.99	23.9	3.14	70.5	"	2.50	1.04	
12:27		8.52	18	22.57	0.223	6.95	25.4	2.93	73.9	"	3.75	1.60	
12:32		10.85	18	22.63	0.222	6.90	32.1	2.78	78.7	"	5.00	2.14	
12:37		14.12	18	22.71	0.223	6.90	45.5	2.48	77.7	"	6.25	2.67	↓
	well purged dry @ 12:40												
	sample tm	12:45											

Fe+2 (ppm) ___ Taken from first bailer, immediately before sampling.

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1° C (1.8°F)	Conductivity ± 5%
pH ± 0.1	Turbidity ≤ 5 NTUs

Comments: ___

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\irp-BGMP-AFRC\BGMP coreldraw\figs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/23/03 SITE NUMBER ____

PROGRAM NAME Lockheed - Beaumont

MONITORING WELL IDENTIFICATION OW-08

SAMPLE I.D. OW-08-072303 DUPLICATE I.D. ____

STATIC WATER LEVEL (ft btoc) 49.82 TOTAL WELL DEPTH (feet) 62.89

WATER COLUMN (feet) 13.07 CASING/TUBING DIAMETER (in/ft) 2

WELL/PUMP VOLUME (V) (gals) 13.07 x 0.16 = 2.09 3 V (gals) 6.27

PURGING DEVICE grundfos redi-flo #

SAMPLING DEVICE " " "

OVA: FID ☐ PID ☐ In Casing (ppm) (initial) — (vented to) ____

IN BREATHING ZONE (ppm) (initial) — (vented to) ____

FINAL PUMP DEPTH (feet) 60

SAMPLER'S SIGNATURE [signature]

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC ~~(umhos/cm)~~ mS/cm	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
8:58	start pump	49.82	60	—	—	—	—	—	—	—	0	0	0.25
9:03		50.22	60	24.99	0.881	7.66	383	3.42	93.7	brn	1.25	0.60	
9:08		50.25	60	25.10	0.924	7.65	28.2	3.60	92.2	cloudy	2.50	1.20	
9:13		50.26	60	24.88	0.959	7.65	4.97	3.61	88.3	clear	3.75	1.80	
9:18		50.26	60	24.85	0.966	7.65	1.86	3.44	86.5	"	5.00	2.39	
9:23		50.26	60	24.84	0.967	7.65	0.88	3.42	85.9	"	6.25	2.99	
9:28		50.26	60	24.82	0.966	7.64	0.45	3.38	85.6	"	7.50	3.59	
	sample time	—	9:28										

Fe+2 (ppm) ____ Taken from first bailer, immediately before sampling.

Comments: MS/MSD collected at this s.l.

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1° C (1.8°F)	Conductivity ± 5%
pH ± 0.1	Turbidity ≤ 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\rp\BGMP-AFRC\BGMP coreldraw figs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/23/03 SITE NUMBER ___ PURGING DEVICE grundfos redi flo #

PROGRAM NAME Lockheed - Beaumont SAMPLING DEVICE ___

MONITORING WELL IDENTIFICATION P-02 OVA: FID ~~PID~~ ~~IR~~ Casing (ppm) (initial) = (vented to) ___

SAMPLE I.D. P-02-072303 DUPLICATE I.D. — IN BREATHING ZONE (ppm) (initial) ___ (vented to) ___

STATIC WATER LEVEL (ft btoc) 17.56 TOTAL WELL DEPTH (feet) 36.62 FINAL PUMP DEPTH (feet) 34

WATER COLUMN (feet) 19.06 CASING/TUBING DIAMETER (in/ft) .2 SAMPLER'S SIGNATURE ___

WELL/PUMP VOLUME (V) (gals) 19.06 x 0.16 = 3.05 3 V (gals) 9.15

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC ~~(µmhos/cm)~~ mS/cm	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
1500	startpump	17.56	34								Ø	Ø	0.25
1505		19.60	34	2836	0.993	7.31	+1000	0.47	28.6	brn	1.25	0.41	
1510		19.72	34	26.67	0902	7.26	334	0.19	17.8	"	2.50	0.82	
1515		19.78	34	26.74	0.902	7.26	50.1	0.16	5.6	cloudy	3.75	1.23	
1520		19.82	34	26.36	0.896	7.25	19.4	0.10	-2.2	clear	5.00	1.64	
1525		19.84	34	26.7	0.888	7.25	7.22	0.08	-8.6	"	6.25	2.05	
1530		19.85	34	26.24	0.886	7.21	5.20	0.08	-10.4	"	7.50	2.46	
15:35		19.86	34	26.36	0.882	7.25	3.85	0.08	-13.7	"	8.25	2.87	
	Sample time - 15:35												

Fe+2 (ppm) ___ Taken from first bailer, immediately before sampling.

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ± 1° C (1.8°F)	Conductivity ± 5%
pH ± 0.1	Turbidity ≤ 5 NTUs

Comments: ___

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\rpt\BGMP-AFRC\BGMP coreldraw\figs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/23/03 SITE NUMBER ___ PURGING DEVICE grundfos redi-flo II

PROGRAM NAME Lockheed - Beaumont SAMPLING DEVICE ___

MONITORING WELL IDENTIFICATION P-04 OVA: FID ☐ ~~PID~~ ☐ ~~In Casing~~ (ppm) (initial) = (vented to) ___

SAMPLE I.D. P-04-072303 DUPLICATE I.D. — IN BREATHING ZONE (ppm) (initial) ___ (vented to) ___

STATIC WATER LEVEL (ft btoc) 25.91 TOTAL WELL DEPTH (feet) 50.08 FINAL PUMP DEPTH (feet) 45

WATER COLUMN (feet) 24.17 CASING/TUBING DIAMETER (in/ft) ~~3~~ 2 SAMPLER'S SIGNATURE ___

WELL/PUMP VOLUME (V) (gals) 24.17 X 0.16 = 3.87 3 V (gals) 11.60

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC ~~(umhos/cm)~~ mS/cm	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
13:21	start purge	25.91	45								0	0	0.25
13:26		30.46	45	28.00	1.941	6.28	88.7	0.76	28.2	brn	1.25	0.32	
13:31		31.51	45	27.34	1.958	6.29	94.7	0.71	23.4	"	2.50	0.65	
13:36		32.00	45	27.25	2.202	6.24	61.7	0.51	25.0	cloudy	3.75	0.97	
13:41		32.18	45	27.00	2.245	6.23	21.6	0.29	32.3	"	5.00	1.29	
13:46		32.22	45	27.31	2.239	6.23	8.60	0.21	34.8	"	6.25	1.61	
13:51		32.25	45	27.35	2.238	6.23	6.36	0.21	34.1	"	7.50	1.94	
14:01		32.27	45	27.08	2.238	6.24	3.33	0.14	29.5	"	10.00	2.59	
	sample time		14:01										

Fe+2 (ppm) ___ Taken from first bailer, immediately before sampling.

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ± 1° C (1.8°F)	Conductivity ± 5%
pH ± 0.1	Turbidity ≤ 5 NTUs

Comments: ___

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\rpt\BGMP-AFRC\BGMP coreldrawfigs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/22/03 SITE NUMBER _____ PURGING DEVICE Surface Water

PROGRAM NAME Lockheed - Beaumont SAMPLING DEVICE —

MONITORING WELL IDENTIFICATION SW-01 OVA: FID ☐ ~~PID~~ ☐ ~~In~~ Casing (ppm) (initial) — (vented to) _____

SAMPLE I.D. SW-01-072203 DUPLICATE I.D. — IN BREATHING ZONE (ppm) (initial) — (vented to) _____

STATIC WATER LEVEL (ft btoc) NA TOTAL WELL DEPTH (feet) NA FINAL PUMP DEPTH (feet) NA

WATER COLUMN (feet) NA CASING/TUBING DIAMETER (in/ft) NA SAMPLER'S SIGNATURE _____

WELL/PUMP VOLUME (V) (gals) NA 3 V (gals) NA

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC (~~µmhos/cm~~ MS/CM)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
11:55	sample time	—	—	25.53	0.461	7.01	+1000	1.88	-27.5	brn/blk	—	—	—
	sample time	- 11:55											

Fe+2 (ppm) _____ Taken from first bailer, immediately before sampling.

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ± 1° C (1.8°F)	Conductivity ± 5%
pH ± 0.1	Turbidity ≤ 5 NTUs

Comments: _____

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\srp\BGMP-AFR\CBGMP coreldraw\figs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/22/03 SITE NUMBER ___ PURGING DEVICE SurSave water

PROGRAM NAME Lockheed Beaumont SAMPLING DEVICE bailer

MONITORING WELL IDENTIFICATION SW-02 OVA: FID ☐ PID ☐ In Casing (ppm) (initial) — (vented to) ___

SAMPLE I.D. SW-02-072203 DUPLICATE I.D. — IN BREATHING ZONE (ppm) (initial) ___ (vented to) ___

STATIC WATER LEVEL (ft btoc) NA TOTAL WELL DEPTH (feet) NA FINAL PUMP DEPTH (feet) —

WATER COLUMN (feet) NA CASING/TUBING DIAMETER (in/ft) NA SAMPLER'S SIGNATURE SJ

WELL/PUMP VOLUME (V) (gals) NA 3 V (gals) NA

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC ~~(µmhos/cm)~~ mS/cm	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
11:40	Sample tm	—	—	19.63	0.235	7.01	18.1	5.45	54.2	Clear	—	—	—
	Sample time - 11:40												

Fe+2 (ppm) ___ Taken from first bailer, immediately before sampling.

Comments: SurSave water

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1° C (1.8°F)	Conductivity ± 5%
pH ± 0.1	Turbidity ≤5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\vrp\BGMP-AFR\CBGMP coreldraw\figs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/22/03 SITE NUMBER ____ PURGING DEVICE NA

PROGRAM NAME Lockheed - Benmont SAMPLING DEVICE NA

MONITORING WELL IDENTIFICATION SW-03 OVA: FID ☐ PID ☐ In Casing (ppm) (initial) ~ (vented to) ____

SAMPLE I.D. SW-03-072203 DUPLICATE I.D. — IN BREATHING ZONE (ppm) (initial) ____ (vented to) ____

STATIC WATER LEVEL (ft btoc) NA TOTAL WELL DEPTH (feet) NA FINAL PUMP DEPTH (feet) NA

WATER COLUMN (feet) NA CASING/TUBING DIAMETER (in/ft) NA SAMPLER'S SIGNATURE SO

WELL/PUMP VOLUME (V) (gals) NA 3 V (gals) NA

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC ~~(umhos/cm)~~ mS/cm	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
8:55	sample time	—	—	20.29	0.641	6.82	75.2	1.34	-129.4	cloudy	—	—	—
	sample time 8:55												

Fe+2 (ppm) ____ Taken from first bailer, immediately before sampling.

Comments: Surface water sample

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1° C (1.8°F)	Conductivity ± 5%
pH ± 0.1	Turbidity ≤ 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\up\BGMP-AFRC\BGMP coreldraw\figs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/21/03 SITE NUMBER _____ PURGING DEVICE NA

PROGRAM NAME Lockheed - Beaumont SAMPLING DEVICE NA

MONITORING WELL IDENTIFICATION SW-04 OVA: FID ☒ PID ☐ In Casing (ppm) (initial) = (vented to) _____

SAMPLE I.D. SW-04-072103 DUPLICATE I.D. NA IN BREATHING ZONE (ppm) (initial) _____ (vented to) _____

STATIC WATER LEVEL (ft btoc) NA TOTAL WELL DEPTH (feet) NA FINAL PUMP DEPTH (feet) NA

WATER COLUMN (feet) NA CASING/TUBING DIAMETER (in/ft) NA SAMPLER'S SIGNATURE _____

WELL/PUMP VOLUME (V) (gals) NA 3 V (gals) NA

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC ~~(µmhos/cm)~~ mS/cm	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
13:50	sample time	NA	NA	23.61	1.053	6.86	230	1.48	-145.1	Grey	———	———	———
	sample time - 13:50												

Fe+2 (ppm) _____ Taken from first bailer, immediately before sampling.

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1° C (1.8°F)	Conductivity ± 5%
pH ±0.1	Turbidity ≤5 NTUs

Comments: _____

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\rpt\BGMP-AFRC\BGMP coreldraw\figs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/21/03 SITE NUMBER ___ PURGING DEVICE NA

PROGRAM NAME Lockheed - Beaumont SAMPLING DEVICE NA

MONITORING WELL IDENTIFICATION SW-05 ~~+ DUP~~ OVA: FID ☐ PID ☐ In Casing (ppm) (initial) — (vented to) ___

SAMPLE I.D. SW-05-072103 DUPLICATE I.D. ___ IN BREATHING ZONE (ppm) (initial) — (vented to) ___

STATIC WATER LEVEL (ft btoc) NA TOTAL WELL DEPTH (feet) NA FINAL PUMP DEPTH (feet) NA

WATER COLUMN (feet) NA CASING/TUBING DIAMETER (in/ft) NA SAMPLER'S SIGNATURE ___

WELL/PUMP VOLUME (V) (gals) NA 3 V (gals) NA

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC (~~µmhos/cm~~) ~~MS/CM~~	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
11:30	Sample time	NA	NA	23+9	1.267	7.53	26.6	3.64	-37.0	cloudy	—		—
Sample time		11:30											

Fe+2 (ppm) ___ Taken from first bailer, immediately before sampling.

Comments: Surface water sample near MW-67

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1° C (1.8°F)	Conductivity ± 5%
pH ± 0.1	Turbidity ≤ 5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\rpt\BGMP-AFRC\BGMP coreldraw\figs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/21/03 SITE NUMBER ___ PURGING DEVICE NA

PROGRAM NAME Lockheed Beaumont SAMPLING DEVICE NA

MONITORING WELL IDENTIFICATION SW-06 OVA: FID ~~PID~~ IN Casing (ppm) (initial) — (vented to) ___

SAMPLE I.D. SW-06-072103 DUPLICATE I.D. — IN BREATHING ZONE (ppm) (initial) — (vented to) ___

STATIC WATER LEVEL (ft btoc) NA TOTAL WELL DEPTH (feet) NA FINAL PUMP DEPTH (feet) NA

WATER COLUMN (feet) NA CASING/TUBING DIAMETER (in/ft) NA SAMPLER'S SIGNATURE ___

WELL/PUMP VOLUME (V) (gals) NA 3 V (gals) NA

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC (~~µmhos/cm~~) mS/cm	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
11:55	sample time	NA	NA	24.18	1.483	7.84	22.2	6.53	67.2	Clear	—	—	—
	sample time	- 11:55											

Fe+2 (ppm) ___ Taken from first bailer, immediately before sampling.

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ± 1° C (1.8°F)	Conductivity ± 5%
pH ± 0.1	Turbidity ≤ 5 NTUs

Comments: ___

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\rpt\BGMP-AFR\CBGMP coreldraw\figs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/21/03 SITE NUMBER _____ PURGING DEVICE NA

PROGRAM NAME Lockheed - Beaumont SAMPLING DEVICE NA

MONITORING WELL IDENTIFICATION SW-07 OVA: FID ~~PID~~ ~~in~~ Casing (ppm) (initial) = (vented to) _____

SAMPLE I.D. SW-07-072103 DUPLICATE I.D. NA IN BREATHING ZONE (ppm) (initial) _____ (vented to) _____

STATIC WATER LEVEL (ft btoc) NA TOTAL WELL DEPTH (feet) NA FINAL PUMP DEPTH (feet) NA

WATER COLUMN (feet) NA CASING/TUBING DIAMETER (in/ft) NA SAMPLER'S SIGNATURE _____

WELL/PUMP VOLUME (V) (gals) NA 3 V (gals) NA

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC ~~(µmhos/cm)~~ mS/cm	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
13:15	sample ty	NA	NA	25.88	0.865	8.41	0.18	6.22	10.0	clear	—	—	—
	sample time		13:15										

Fe+2 (ppm) _____ Taken from first bailer, immediately before sampling.

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1° C (1.8°F)	Conductivity ± 5%
pH ± 0.1	Turbidity ≤ 5 NTUs

Comments: _____

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\srp\BGMP-AFR\CBGMP coreldraw\figs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/21/03 SITE NUMBER _____ PURGING DEVICE NA

PROGRAM NAME Lockheed - Beaumont SAMPLING DEVICE NA

MONITORING WELL IDENTIFICATION SW-08 OVA: FID ☐ PID ☐ In Casing (ppm) (initial) ~~—~~ (vented to) _____

SAMPLE I.D. NA DUPLICATE I.D. NA IN BREATHING ZONE (ppm) (initial) ~~—~~ (vented to) _____

STATIC WATER LEVEL (ft btoc) NA TOTAL WELL DEPTH (feet) NA FINAL PUMP DEPTH (feet) NA

WATER COLUMN (feet) NA CASING/TUBING DIAMETER (in/ft) NA SAMPLER'S SIGNATURE _____

WELL/PUMP VOLUME (V) (gals) NA 3 V (gals) NA

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC (µmhos/cm) x _____	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
	dry - not sampled												

Fe+2 (ppm) _____ Taken from first bailer, immediately before sampling.

Comments: PVC pipe on north side of road from MW-13

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1° C (1.8°F)	Conductivity ± 5%
pH ± 0.1	Turbidity ≤5 NTUs

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\rpt\BGMP-AFR\CBGMP coreldraw\figs\purgetable.cdr

GROUNDWATER MONITORING WELL
FIELD DATA LOG SHEET - PURGING

DATE 7/21/03 SITE NUMBER _____ PURGING DEVICE NA

PROGRAM NAME Lockheed - Benning SAMPLING DEVICE NA

MONITORING WELL IDENTIFICATION SW-09 OVA: FID ☐ ~~PID~~ ☒ ~~In Casing~~ (ppm) (initial) = _____ (vented to) _____

SAMPLE I.D. NA DUPLICATE I.D. NA IN BREATHING ZONE (ppm) (initial) _____ (vented to) _____

STATIC WATER LEVEL (ft btoc) NA TOTAL WELL DEPTH (feet) NA FINAL PUMP DEPTH (feet) NA

WATER COLUMN (feet) NA CASING/TUBING DIAMETER (in/ft) NA SAMPLER'S SIGNATURE _____

WELL/PUMP VOLUME (V) (gals) NA 3 V (gals) NA

Time	Activity	Water Level (ft btoc)	Pump Depth (ft btoc)	Temp (Deg. C / F)	EC (µmhos/cm) x _____	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	ORP (mV)	Color	Volume Purged (gals)	Bore Hole Volumes Purged	Flow Rate (mlPM / GPM)
	dry - no sample collected												

Fe+2 (ppm) _____ Taken from first bailer, immediately before sampling.

PARAMETERS FOR WATER QUALITY STABILIZATION

Temperature ±1° C (1.8°F)	Conductivity ± 5%
pH ± 0.1	Turbidity ≤ 5 NTUs

Comments: _____

Note: All water levels and pump depths are measured from the notch in the top of the well casing. If volatiles are detected in the breathing zone during the initial screening, the breathing zone will be periodically monitored during purging and sampling activities and recorded in the logbook..

V:\graphics\rpt\BGMP-AFRC\BGMP coreldraw\figs\purgetable.cdr

YSI 556 Multi Probe System – Calibration Log

Date 7/21/03 **Time** 9:55AM **Serial Number** 01G0785 AK

1. Accessing the Calibration Screen
   a. press the power key to display the run screen
   b. press the escape Esc key to display the main menu screen
   c. use the arrow keys to highlight the Calibrate selection
   d. press the enter key to display the calibration screen

2. Conductivity Calibration Conductivity Standard Used 1.00 Initial Reading 1.034
   a. use the arrow keys to highlight the Conductivity selection
   b. press the enter key to display the conductivity calibration screen re-calibrate
   c. use the arrow keys to highlight the Specific Conductance selection
   d. press the enter key to display the conductivity calibration screen
   e. place 55 ml of a known conductivity standard in the transport / calibration cup and screw onto the probe module
   f. use the key pad to enter the value of the calibration standard (in mS/cm at 25 C)
   g. press the enter key to enter the conductivity calibration screen, allow a minimum of one minute for temperature equilibration
   h. observe the readings for specific conductance, when the reading shows no significant change for 30 seconds press the enter key to continue
   i. press the enter key to return to the conductivity calibration screen
   j. press the Esc key to return to the calibration screen

3. pH Calibration pH Standards Used 4 & 7 Initial Readings 7.01 / 4.10
   a. use the arrow keys to highlight the pH selection
   b. press the enter key to display the pH calibration screen
   c. use the arrow keys to highlight the 2 point selection
   d. press the enter key to display the pH calibration screen
   e. place 30 ml of a known pH standard in the transport / calibration cup and screw onto the probe module
   f. use the key pad to enter the value of the calibration standard (at the current temperature)
   g. press the enter key to enter the pH calibration screen, allow a minimum of one minute for temperature equilibration
   h. observe the readings for pH, when the reading shows no significant change for 30 seconds press the enter key to continue
   i. press the enter key to return to the pH calibration screen
   j. repeat steps d – I for the second calibration standard
   k. press the Esc key to return to the calibration screen

4. Dissolved Oxygen Calibration
   a. use the arrow keys to highlight the Dissolved Oxygen selection
   b. press the enter key to display the dissolved oxygen calibration screen
   c. use the arrow keys to highlight the DO % selection
   d. press the enter key to display the dissolved oxygen barometric pressure screen
   e. place 1/8" ml of tap water in the transport / calibration cup and screw onto the probe module (engage only one or two threads to ensure that the DO sensor is vented to the atmosphere)
   f. press the enter key to enter the DO% calibration screen, allow a minimum of ten minutes for the air to become water saturated
   g. observe the readings for DO, when the reading shows no significant change for 30 seconds press the enter key to continue
   h. press the enter key to return to the DO calibration screen
   l. press the Esc key to return to the calibration screen

5. ORP Calibration ORP Standard Used 231 Initial Reading 228
   a. use the arrow keys to highlight the ORP selection
   b. press the enter key to display the ORP calibration screen
   c. place 30 ml of a known ORP standard in the transport / calibration cup and screw onto the probe module
   d. use the key pad to enter the value of the calibration standard (at the current temperature)
   e. press the enter key to enter the ORP calibration screen, allow a minimum of one minute for temperature equilibration
   f. observe the readings for ORP, when the reading shows no significant change for 30 seconds press the enter key to continue
   g. press the enter key to return to the ORP calibration screen
   h. press the Esc key to return to the calibration screen

YSI 556 Multi Probe System – Calibration Log

Date 7/22/03 Time 8:45 Serial Number 10E0785AE

1. Accessing the Calibration Screen
   a. press the power key to display the run screen
   b. press the escape Esc key to display the main menu screen
   c. use the arrow keys to highlight the Calibrate selection
   d. press the enter key to display the calibration screen

2. Conductivity Calibration Conductivity Standard Used 1.000 Initial Reading 0.989
   a. use the arrow keys to highlight the Conductivity selection
   b. press the enter key to display the conductivity calibration screen
   c. use the arrow keys to highlight the Specific Conductance selection
   d. press the enter key to display the conductivity calibration screen
   e. place 55 ml of a known conductivity standard in the transport / calibration cup and screw onto the probe module
   f. use the key pad to enter the value of the calibration standard (in mS/cm at 25 C)
   g. press the enter key to enter the conductivity calibration screen, allow a minimum of one minute for temperature equilibration
   h. observe the readings for specific conductance, when the reading shows no significant change for 30 seconds press the enter key to continue
   i. press the enter key to return to the conductivity calibration screen
   j. press the Esc key to return to the calibration screen

3. pH Calibration pH Standards Used 4/7 Initial Readings 3.97 / 7.04
   a. use the arrow keys to highlight the pH selection
   b. press the enter key to display the pH calibration screen
   c. use the arrow keys to highlight the 2 point selection
   d. press the enter key to display the pH calibration screen
   e. place 30 ml of a known pH standard in the transport / calibration cup and screw onto the probe module
   f. use the key pad to enter the value of the calibration standard (at the current temperature)
   g. press the enter key to enter the pH calibration screen, allow a minimum of one minute for temperature equilibration
   h. observe the readings for pH, when the reading shows no significant change for 30 seconds press the enter key to continue
   i. press the enter key to return to the pH calibration screen
   j. repeat steps d – I for the second calibration standard
   k. press the Esc key to return to the calibration screen

4. Dissolved Oxygen Calibration
   a. use the arrow keys to highlight the Dissolved Oxygen selection
   b. press the enter key to display the dissolved oxygen calibration screen
   c. use the arrow keys to highlight the DO % selection
   d. press the enter key to display the dissolved oxygen barometric pressure screen
   e. place 1/8" ml of tap water in the transport / calibration cup and screw onto the probe module (engage only one or two threads to ensure that the DO sensor is vented to the atmosphere)
   f. press the enter key to enter the DO% calibration screen, allow a minimum of ten minutes for the air to become water saturated
   g. observe the readings for DO, when the reading shows no significant change for 30 seconds press the enter key to continue
   h. press the enter key to return to the DO calibration screen
   l. press the Esc key to return to the calibration screen

5. ORP Calibration ORP Standard Used 231 Initial Reading 228
   a. use the arrow keys to highlight the ORP selection
   b. press the enter key to display the ORP calibration screen
   c. place 30 ml of a known ORP standard in the transport / calibration cup and screw onto the probe module
   d. use the key pad to enter the value of the calibration standard (at the current temperature)
   e. press the enter key to enter the ORP calibration screen, allow a minimum of one minute for temperature equilibration
   f. observe the readings for ORP, when the reading shows no significant change for 30 seconds press the enter key to continue
   g. press the enter key to return to the ORP calibration screen
   h. press the Esc key to return to the calibration screen

YSI 556 Multi Probe System – Calibration Log

Date 7/23/03 **Time** 8:00 **Serial Number** 01607854K

1. Accessing the Calibration Screen
   a. press the power key to display the run screen
   b. press the escape Esc key to display the main menu screen
   c. use the arrow keys to highlight the Calibrate selection
   d. press the enter key to display the calibration screen

2. Conductivity Calibration Conductivity Standard Used 1.000 Initial Reading 0.982
   a. use the arrow keys to highlight the Conductivity selection
   b. press the enter key to display the conductivity calibration screen
   c. use the arrow keys to highlight the Specific Conductance selection
   d. press the enter key to display the conductivity calibration screen
   e. place 55 ml of a known conductivity standard in the transport / calibration cup and screw onto the probe module
   f. use the key pad to enter the value of the calibration standard (in mS/cm at 25 C)
   g. press the enter key to enter the conductivity calibration screen, allow a minimum of one minute for temperature equilibration
   h. observe the readings for specific conductance, when the reading shows no significant change for 30 seconds press the enter key to continue
   i. press the enter key to return to the conductivity calibration screen
   j. press the Esc key to return to the calibration screen

3. pH Calibration pH Standards Used 4/7 Initial Readings 3.95 / 7.01
   a. use the arrow keys to highlight the pH selection
   b. press the enter key to display the pH calibration screen
   c. use the arrow keys to highlight the 2 point selection
   d. press the enter key to display the pH calibration screen
   e. place 30 ml of a known pH standard in the transport / calibration cup and screw onto the probe module
   f. use the key pad to enter the value of the calibration standard (at the current temperature)
   g. press the enter key to enter the pH calibration screen, allow a minimum of one minute for temperature equilibration
   h. observe the readings for pH, when the reading shows no significant change for 30 seconds press the enter key to continue
   i. press the enter key to return to the pH calibration screen
   j. repeat steps d – I for the second calibration standard
   k. press the Esc key to return to the calibration screen

4. Dissolved Oxygen Calibration
   a. use the arrow keys to highlight the Dissolved Oxygen selection
   b. press the enter key to display the dissolved oxygen calibration screen
   c. use the arrow keys to highlight the DO % selection
   d. press the enter key to display the dissolved oxygen barometric pressure screen
   e. place 1/8" ml of tap water in the transport / calibration cup and screw onto the probe module (engage only one or two threads to ensure that the DO sensor is vented to the atmosphere)
   f. press the enter key to enter the DO% calibration screen, allow a minimum of ten minutes for the air to become water saturated
   g. observe the readings for DO, when the reading shows no significant change for 30 seconds press the enter key to continue
   h. press the enter key to return to the DO calibration screen
   l. press the Esc key to return to the calibration screen

5. ORP Calibration ORP Standard Used 231 Initial Reading 237
   a. use the arrow keys to highlight the ORP selection
   b. press the enter key to display the ORP calibration screen
   c. place 30 ml of a known ORP standard in the transport / calibration cup and screw onto the probe module
   d. use the key pad to enter the value of the calibration standard (at the current temperature)
   e. press the enter key to enter the ORP calibration screen, allow a minimum of one minute for temperature equilibration
   f. observe the readings for ORP, when the reading shows no significant change for 30 seconds press the enter key to continue
   g. press the enter key to return to the ORP calibration screen
   h. press the Esc key to return to the calibration screen

YSI 556 Multi Probe System – Calibration Log

Date 7/24/03 **Time** 8:00 **Serial Number** 01607585AK

1. Accessing the Calibration Screen
   a. press the power key to display the run screen
   b. press the escape Esc key to display the main menu screen
   c. use the arrow keys to highlight the Calibrate selection
   d. press the enter key to display the calibration screen

2. Conductivity Calibration Conductivity Standard Used 1000 Initial Reading 1.010
   a. use the arrow keys to highlight the Conductivity selection
   b. press the enter key to display the conductivity calibration screen
   c. use the arrow keys to highlight the Specific Conductance selection
   d. press the enter key to display the conductivity calibration screen
   e. place 55 ml of a known conductivity standard in the transport / calibration cup and screw onto the probe module
   f. use the key pad to enter the value of the calibration standard (in mS/cm at 25 C)
   g. press the enter key to enter the conductivity calibration screen, allow a minimum of one minute for temperature equilibration
   h. observe the readings for specific conductance, when the reading shows no significant change for 30 seconds press the enter key to continue
   i. press the enter key to return to the conductivity calibration screen
   j. press the Esc key to return to the calibration screen

3. pH Calibration pH Standards Used 4 / 7 Initial Readings 4.00 / 7.01
   a. use the arrow keys to highlight the pH selection
   b. press the enter key to display the pH calibration screen
   c. use the arrow keys to highlight the 2 point selection
   d. press the enter key to display the pH calibration screen
   e. place 30 ml of a known pH standard in the transport / calibration cup and screw onto the probe module
   f. use the key pad to enter the value of the calibration standard (at the current temperature)
   g. press the enter key to enter the pH calibration screen, allow a minimum of one minute for temperature equilibration
   h. observe the readings for pH, when the reading shows no significant change for 30 seconds press the enter key to continue
   i. press the enter key to return to the pH calibration screen
   j. repeat steps d – I for the second calibration standard
   k. press the Esc key to return to the calibration screen

4. Dissolved Oxygen Calibration
   a. use the arrow keys to highlight the Dissolved Oxygen selection
   b. press the enter key to display the dissolved oxygen calibration screen
   c. use the arrow keys to highlight the DO % selection
   d. press the enter key to display the dissolved oxygen barometric pressure screen
   e. place 1/8" ml of tap water in the transport / calibration cup and screw onto the probe module (engage only one or two threads to ensure that the DO sensor is vented to the atmosphere)
   f. press the enter key to enter the DO% calibration screen, allow a minimum of ten minutes for the air to become water saturated
   g. observe the readings for DO, when the reading shows no significant change for 30 seconds press the enter key to continue
   h. press the enter key to return to the DO calibration screen
   l. press the Esc key to return to the calibration screen

5. ORP Calibration ORP Standard Used 231 Initial Reading 235.5
   a. use the arrow keys to highlight the ORP selection
   b. press the enter key to display the ORP calibration screen
   c. place 30 ml of a known ORP standard in the transport / calibration cup and screw onto the probe module
   d. use the key pad to enter the value of the calibration standard (at the current temperature)
   e. press the enter key to enter the ORP calibration screen, allow a minimum of one minute for temperature equilibration
   f. observe the readings for ORP, when the reading shows no significant change for 30 seconds press the enter key to continue
   g. press the enter key to return to the ORP calibration screen
   h. press the Esc key to return to the calibration screen

YSI 556 Multi Probe System – Calibration Log

Date 7/25/03 **Time** 8:00 **Serial Number** _____

1. Accessing the Calibration Screen
   a. press the power key to display the run screen
   b. press the escape Esc key to display the main menu screen
   c. use the arrow keys to highlight the Calibrate selection
   d. press the enter key to display the calibration screen

2. Conductivity Calibration Conductivity Standard Used 1.000 Initial Reading 0.978
   a. use the arrow keys to highlight the Conductivity selection
   b. press the enter key to display the conductivity calibration screen
   c. use the arrow keys to highlight the Specific Conductance selection
   d. press the enter key to display the conductivity calibration screen
   e. place 55 ml of a known conductivity standard in the transport / calibration cup and screw onto the probe module
   f. use the key pad to enter the value of the calibration standard (in mS/cm at 25 C)
   g. press the enter key to enter the conductivity calibration screen, allow a minimum of one minute for temperature equilibration
   h. observe the readings for specific conductance, when the reading shows no significant change for 30 seconds press the enter key to continue
   i. press the enter key to return to the conductivity calibration screen
   j. press the Esc key to return to the calibration screen

3. pH Calibration pH Standards Used 4/7 Initial Readings 3.96/7.08
   a. use the arrow keys to highlight the pH selection
   b. press the enter key to display the pH calibration screen
   c. use the arrow keys to highlight the 2 point selection
   d. press the enter key to display the pH calibration screen
   e. place 30 ml of a known pH standard in the transport / calibration cup and screw onto the probe module
   f. use the key pad to enter the value of the calibration standard (at the current temperature)
   g. press the enter key to enter the pH calibration screen, allow a minimum of one minute for temperature equilibration
   h. observe the readings for pH, when the reading shows no significant change for 30 seconds press the enter key to continue
   i. press the enter key to return to the pH calibration screen
   j. repeat steps d – I for the second calibration standard
   k. press the Esc key to return to the calibration screen

4. Dissolved Oxygen Calibration
   a. use the arrow keys to highlight the Dissolved Oxygen selection
   b. press the enter key to display the dissolved oxygen calibration screen
   c. use the arrow keys to highlight the DO % selection
   d. press the enter key to display the dissolved oxygen barometric pressure screen
   e. place 1/8" ml of tap water in the transport / calibration cup and screw onto the probe module (engage only one or two threads to ensure that the DO sensor is vented to the atmosphere)
   f. press the enter key to enter the DO% calibration screen, allow a minimum of ten minutes for the air to become water saturated
   g. observe the readings for DO, when the reading shows no significant change for 30 seconds press the enter key to continue
   h. press the enter key to return to the DO calibration screen
   l. press the Esc key to return to the calibration screen

5. ORP Calibration ORP Standard Used 231 Initial Reading 228
   a. use the arrow keys to highlight the ORP selection
   b. press the enter key to display the ORP calibration screen
   c. place 30 ml of a known ORP standard in the transport / calibration cup and screw onto the probe module
   d. use the key pad to enter the value of the calibration standard (at the current temperature)
   e. press the enter key to enter the ORP calibration screen, allow a minimum of one minute for temperature equilibration
   f. observe the readings for ORP, when the reading shows no significant change for 30 seconds press the enter key to continue
   g. press the enter key to return to the ORP calibration screen
   h. press the Esc key to return to the calibration screen

YSI 556 Multi Probe System – Calibration Log

Date 7/28/03 Time 10:05 Serial Number _____

1. Accessing the Calibration Screen
   a. press the power key to display the run screen
   b. press the escape Esc key to display the main menu screen
   c. use the arrow keys to highlight the Calibrate selection
   d. press the enter key to display the calibration screen

2. Conductivity Calibration Conductivity Standard Used 1,000 Initial Reading 1,020
   a. use the arrow keys to highlight the Conductivity selection
   b. press the enter key to display the conductivity calibration screen
   c. use the arrow keys to highlight the Specific Conductance selection
   d. press the enter key to display the conductivity calibration screen
   e. place 55 ml of a known conductivity standard in the transport / calibration cup and screw onto the probe module
   f. use the key pad to enter the value of the calibration standard (in mS/cm at 25 C)
   g. press the enter key to enter the conductivity calibration screen, allow a minimum of one minute for temperature equilibration
   h. observe the readings for specific conductance, when the reading shows no significant change for 30 seconds press the enter key to continue
   i. press the enter key to return to the conductivity calibration screen
   j. press the Esc key to return to the calibration screen

3. pH Calibration pH Standards Used 4/7 Initial Readings 4.05/7.01
   a. use the arrow keys to highlight the pH selection
   b. press the enter key to display the pH calibration screen
   c. use the arrow keys to highlight the 2 point selection
   d. press the enter key to display the pH calibration screen
   e. place 30 ml of a known pH standard in the transport / calibration cup and screw onto the probe module
   f. use the key pad to enter the value of the calibration standard (at the current temperature)
   g. press the enter key to enter the pH calibration screen, allow a minimum of one minute for temperature equilibration
   h. observe the readings for pH, when the reading shows no significant change for 30 seconds press the enter key to continue
   i. press the enter key to return to the pH calibration screen
   j. repeat steps d – I for the second calibration standard
   k. press the Esc key to return to the calibration screen

4. Dissolved Oxygen Calibration
   a. use the arrow keys to highlight the Dissolved Oxygen selection
   b. press the enter key to display the dissolved oxygen calibration screen
   c. use the arrow keys to highlight the DO % selection
   d. press the enter key to display the dissolved oxygen barometric pressure screen
   e. place 1/8" ml of tap water in the transport / calibration cup and screw onto the probe module (engage only one or two threads to ensure that the DO sensor is vented to the atmosphere)
   f. press the enter key to enter the DO% calibration screen, allow a minimum of ten minutes for the air to become water saturated
   g. observe the readings for DO, when the reading shows no significant change for 30 seconds press the enter key to continue
   h. press the enter key to return to the DO calibration screen
   l. press the Esc key to return to the calibration screen

5. ORP Calibration ORP Standard Used 231 Initial Reading 226.3
   a. use the arrow keys to highlight the ORP selection
   b. press the enter key to display the ORP calibration screen
   c. place 30 ml of a known ORP standard in the transport / calibration cup and screw onto the probe module
   d. use the key pad to enter the value of the calibration standard (at the current temperature)
   e. press the enter key to enter the ORP calibration screen, allow a minimum of one minute for temperature equilibration
   f. observe the readings for ORP, when the reading shows no significant change for 30 seconds press the enter key to continue
   g. press the enter key to return to the ORP calibration screen
   h. press the Esc key to return to the calibration screen

YSI 556 Multi Probe System – Calibration Log

Date 7/29/03 Time 8:00 Serial Number 01607854K

1. Accessing the Calibration Screen
   a. press the power key to display the run screen
   b. press the escape Esc key to display the main menu screen
   c. use the arrow keys to highlight the Calibrate selection
   d. press the enter key to display the calibration screen

2. Conductivity Calibration Conductivity Standard Used 1.000 Initial Reading 0.980
   a. use the arrow keys to highlight the Conductivity selection
   b. press the enter key to display the conductivity calibration screen
   c. use the arrow keys to highlight the Specific Conductance selection
   d. press the enter key to display the conductivity calibration screen
   e. place 55 ml of a known conductivity standard in the transport / calibration cup and screw onto the probe module
   f. use the key pad to enter the value of the calibration standard (in mS/cm at 25 C)
   g. press the enter key to enter the conductivity calibration screen, allow a minimum of one minute for temperature equilibration
   h. observe the readings for specific conductance, when the reading shows no significant change for 30 seconds press the enter key to continue
   i. press the enter key to return to the conductivity calibration screen
   j. press the Esc key to return to the calibration screen

3. pH Calibration pH Standards Used 4/7 Initial Readings 3.94/7.02
   a. use the arrow keys to highlight the pH selection
   b. press the enter key to display the pH calibration screen
   c. use the arrow keys to highlight the 2 point selection
   d. press the enter key to display the pH calibration screen
   e. place 30 ml of a known pH standard in the transport / calibration cup and screw onto the probe module
   f. use the key pad to enter the value of the calibration standard (at the current temperature)
   g. press the enter key to enter the pH calibration screen, allow a minimum of one minute for temperature equilibration
   h. observe the readings for pH, when the reading shows no significant change for 30 seconds press the enter key to continue
   i. press the enter key to return to the pH calibration screen
   j. repeat steps d – I for the second calibration standard
   k. press the Esc key to return to the calibration screen

4. Dissolved Oxygen Calibration
   a. use the arrow keys to highlight the Dissolved Oxygen selection
   b. press the enter key to display the dissolved oxygen calibration screen
   c. use the arrow keys to highlight the DO % selection
   d. press the enter key to display the dissolved oxygen barometric pressure screen
   e. place 1/8" ml of tap water in the transport / calibration cup and screw onto the probe module (engage only one or two threads to ensure that the DO sensor is vented to the atmosphere)
   f. press the enter key to enter the DO% calibration screen, allow a minimum of ten minutes for the air to become water saturated
   g. observe the readings for DO, when the reading shows no significant change for 30 seconds press the enter key to continue
   h. press the enter key to return to the DO calibration screen
   l. press the Esc key to return to the calibration screen

5. ORP Calibration ORP Standard Used 231 Initial Reading 238.5
   a. use the arrow keys to highlight the ORP selection
   b. press the enter key to display the ORP calibration screen
   c. place 30 ml of a known ORP standard in the transport / calibration cup and screw onto the probe module
   d. use the key pad to enter the value of the calibration standard (at the current temperature)
   e. press the enter key to enter the ORP calibration screen, allow a minimum of one minute for temperature equilibration
   f. observe the readings for ORP, when the reading shows no significant change for 30 seconds press the enter key to continue
   g. press the enter key to return to the ORP calibration screen
   h. press the Esc key to return to the calibration screen

YSI 556 Multi Probe System – Calibration Log

Date 7/30/03 **Time** 8:30 **Serial Number** _____

1. Accessing the Calibration Screen
   a. press the power key to display the run screen
   b. press the escape Esc key to display the main menu screen
   c. use the arrow keys to highlight the Calibrate selection
   d. press the enter key to display the calibration screen

2. Conductivity Calibration Conductivity Standard Used 1.000 Initial Reading 1.000
   a. use the arrow keys to highlight the Conductivity selection
   b. press the enter key to display the conductivity calibration screen
   c. use the arrow keys to highlight the Specific Conductance selection
   d. press the enter key to display the conductivity calibration screen
   e. place 55 ml of a known conductivity standard in the transport / calibration cup and screw onto the probe module
   f. use the key pad to enter the value of the calibration standard (in mS/cm at 25 C)
   g. press the enter key to enter the conductivity calibration screen, allow a minimum of one minute for temperature equilibration
   h. observe the readings for specific conductance, when the reading shows no significant change for 30 seconds press the enter key to continue
   i. press the enter key to return to the conductivity calibration screen
   j. press the Esc key to return to the calibration screen

3. pH Calibration pH Standards Used 4/7 Initial Readings 4.07 / 6.98
   a. use the arrow keys to highlight the pH selection
   b. press the enter key to display the pH calibration screen
   c. use the arrow keys to highlight the 2 point selection
   d. press the enter key to display the pH calibration screen
   e. place 30 ml of a known pH standard in the transport / calibration cup and screw onto the probe module
   f. use the key pad to enter the value of the calibration standard (at the current temperature)
   g. press the enter key to enter the pH calibration screen, allow a minimum of one minute for temperature equilibration
   h. observe the readings for pH, when the reading shows no significant change for 30 seconds press the enter key to continue
   i. press the enter key to return to the pH calibration screen
   j. repeat steps d – I for the second calibration standard
   k. press the Esc key to return to the calibration screen

4. Dissolved Oxygen Calibration
   a. use the arrow keys to highlight the Dissolved Oxygen selection
   b. press the enter key to display the dissolved oxygen calibration screen
   c. use the arrow keys to highlight the DO % selection
   d. press the enter key to display the dissolved oxygen barometric pressure screen
   e. place 1/8" ml of tap water in the transport / calibration cup and screw onto the probe module (engage only one or two threads to ensure that the DO sensor is vented to the atmosphere)
   f. press the enter key to enter the DO% calibration screen, allow a minimum of ten minutes for the air to become water saturated
   g. observe the readings for DO, when the reading shows no significant change for 30 seconds press the enter key to continue
   h. press the enter key to return to the DO calibration screen
   l. press the Esc key to return to the calibration screen

5. ORP Calibration ORP Standard Used 231 Initial Reading 237.4
   a. use the arrow keys to highlight the ORP selection
   b. press the enter key to display the ORP calibration screen
   c. place 30 ml of a known ORP standard in the transport / calibration cup and screw onto the probe module
   d. use the key pad to enter the value of the calibration standard (at the current temperature)
   e. press the enter key to enter the ORP calibration screen, allow a minimum of one minute for temperature equilibration
   f. observe the readings for ORP, when the reading shows no significant change for 30 seconds press the enter key to continue
   g. press the enter key to return to the ORP calibration screen
   h. press the Esc key to return to the calibration screen

YSI 556 Multi Probe System – Calibration Log

Date 7/31/03 Time 8:15 Serial Number _____

1. Accessing the Calibration Screen
   a. press the power key to display the run screen
   b. press the escape Esc key to display the main menu screen
   c. use the arrow keys to highlight the Calibrate selection
   d. press the enter key to display the calibration screen

2. Conductivity Calibration Conductivity Standard Used 1.000 Initial Reading 1004
   a. use the arrow keys to highlight the Conductivity selection
   b. press the enter key to display the conductivity calibration screen
   c. use the arrow keys to highlight the Specific Conductance selection
   d. press the enter key to display the conductivity calibration screen
   e. place 55 ml of a known conductivity standard in the transport / calibration cup and screw onto the probe module
   f. use the key pad to enter the value of the calibration standard (in mS/cm at 25 C)
   g. press the enter key to enter the conductivity calibration screen, allow a minimum of one minute for temperature equilibration
   h. observe the readings for specific conductance, when the reading shows no significant change for 30 seconds press the enter key to continue
   i. press the enter key to return to the conductivity calibration screen
   j. press the Esc key to return to the calibration screen

3. pH Calibration pH Standards Used 4/7 Initial Readings 3.95 / 7.02
   a. use the arrow keys to highlight the pH selection
   b. press the enter key to display the pH calibration screen
   c. use the arrow keys to highlight the 2 point selection
   d. press the enter key to display the pH calibration screen
   e. place 30 ml of a known pH standard in the transport / calibration cup and screw onto the probe module
   f. use the key pad to enter the value of the calibration standard (at the current temperature)
   g. press the enter key to enter the pH calibration screen, allow a minimum of one minute for temperature equilibration
   h. observe the readings for pH, when the reading shows no significant change for 30 seconds press the enter key to continue
   i. press the enter key to return to the pH calibration screen
   j. repeat steps d – I for the second calibration standard
   k. press the Esc key to return to the calibration screen

4. Dissolved Oxygen Calibration
   a. use the arrow keys to highlight the Dissolved Oxygen selection
   b. press the enter key to display the dissolved oxygen calibration screen
   c. use the arrow keys to highlight the DO % selection
   d. press the enter key to display the dissolved oxygen barometric pressure screen
   e. place 1/8" ml of tap water in the transport / calibration cup and screw onto the probe module (engage only one or two threads to ensure that the DO sensor is vented to the atmosphere)
   f. press the enter key to enter the DO% calibration screen, allow a minimum of ten minutes for the air to become water saturated
   g. observe the readings for DO, when the reading shows no significant change for 30 seconds press the enter key to continue
   h. press the enter key to return to the DO calibration screen
   l. press the Esc key to return to the calibration screen

5. ORP Calibration ORP Standard Used 231 Initial Reading 227.9
   a. use the arrow keys to highlight the ORP selection
   b. press the enter key to display the ORP calibration screen
   c. place 30 ml of a known ORP standard in the transport / calibration cup and screw onto the probe module
   d. use the key pad to enter the value of the calibration standard (at the current temperature)
   e. press the enter key to enter the ORP calibration screen, allow a minimum of one minute for temperature equilibration
   f. observe the readings for ORP, when the reading shows no significant change for 30 seconds press the enter key to continue
   g. press the enter key to return to the ORP calibration screen
   h. press the Esc key to return to the calibration screen

APPENDIX E

Calscience Environmental Laboratories, Inc.

RECEIVED
AUG 14 2003
T1200
ACCT'S. PAYABLE-SBO

July 29, 2003

Thomas Villenueve
Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Subject: **Calscience Work Order No.:** **03-07-1059**
Client Reference: **Beaumont / TC #13062.02**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 7/22/2003 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The original report of any subcontracted analysis is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Marycarol Valenzuela
Project Manager

Michael J. Crisostomo
Quality Assurance Manager

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 07/22/03
Work Order No: 03-07-1059
Preparation: N/A
Method: EPA 314.0

Project: Beaumont / TC #13062.02

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
LEB-072103-P	03-07-1059-2	07/21/03	Aqueous	N/A	07/22/03	030722L01

Parameter	Result	RL	DF	Qual	Units
Perchlorate	ND	2.0	1		ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-67-072103	03-07-1059-3	07/21/03	Aqueous	N/A	07/22/03	030722L01

Parameter	Result	RL	DF	Qual	Units
Perchlorate	ND	2.0	1		ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SW-05-072103	03-07-1059-4	07/21/03	Aqueous	N/A	07/22/03	030722L01

Parameter	Result	RL	DF	Qual	Units
Perchlorate	ND	2.0	1		ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SW-06-072103	03-07-1059-5	07/21/03	Aqueous	N/A	07/22/03	030722L01

Parameter	Result	RL	DF	Qual	Units
Perchlorate	ND	2.0	1		ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SW-07-072103	03-07-1059-6	07/21/03	Aqueous	N/A	07/22/03	030722L01

Parameter	Result	RL	DF	Qual	Units
Perchlorate	ND	2.0	1		ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SW-04-072103	03-07-1059-7	07/21/03	Aqueous	N/A	07/22/03	030722L01

Parameter	Result	RL	DF	Qual	Units
Perchlorate	ND	2.0	1		ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-115-072103	03-07-1059-8	07/21/03	Aqueous	N/A	07/22/03	030722L01

Parameter	Result	RL	DF	Qual	Units
Perchlorate	ND	2.0	1		ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-15-072103	03-07-1059-9	07/21/03	Aqueous	N/A	07/22/03	030722L01

Parameter	Result	RL	DF	Qual	Units
Perchlorate	ND	2.0	1		ug/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 07/22/03
Work Order No: 03-07-1059
Preparation: N/A
Method: EPA 314.0

Project: Beaumont / TC #13062.02

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-18-072103	**03-07-1059-10**	**07/21/03**	**Aqueous**	**N/A**	**07/22/03**	**030722L01**

Parameter	Result	RL	DF	Qual	Units
Perchlorate	15	2	1		ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-05-203-63**	**N/A**	**Aqueous**	**N/A**	**07/22/03**	**030722L01**

Parameter	Result	RL	DF	Qual	Units
Perchlorate	ND	2.0	1		ug/L

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 07/22/03
Work Order No: 03-07-1059
Preparation: EPA 5030B
Method: EPA 8260B

Project: Beaumont / TC #13062.02

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
LTB-072103	03-07-1059-1	07/21/03	Aqueous	N/A	07/22/03	030722L01

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Acetone	ND	10	1		ug/L	1,3-Dichloropropane	ND	1.0	1		ug/L
Benzene	ND	0.50	1		ug/L	2,2-Dichloropropane	ND	1.0	1		ug/L
Bromobenzene	ND	1.0	1		ug/L	1,1-Dichloropropene	ND	1.0	1		ug/L
Bromochloromethane	ND	1.0	1		ug/L	c-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromodichloromethane	ND	1.0	1		ug/L	t-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromoform	ND	1.0	1		ug/L	Ethylbenzene	ND	1.0	1		ug/L
Bromomethane	ND	10	1		ug/L	2-Hexanone	ND	10	1		ug/L
2-Butanone	ND	10	1		ug/L	Isopropylbenzene	ND	1.0	1		ug/L
n-Butylbenzene	ND	1.0	1		ug/L	p-Isopropyltoluene	ND	1.0	1		ug/L
sec-Butylbenzene	ND	1.0	1		ug/L	Methylene Chloride	ND	10	1		ug/L
tert-Butylbenzene	ND	1.0	1		ug/L	4-Methyl-2-Pentanone	ND	10	1		ug/L
Carbon Disulfide	ND	10	1		ug/L	Naphthalene	ND	10	1		ug/L
Carbon Tetrachloride	ND	0.50	1		ug/L	n-Propylbenzene	ND	1.0	1		ug/L
Chlorobenzene	ND	1.0	1		ug/L	Styrene	ND	1.0	1		ug/L
Chloroethane	ND	1.0	1		ug/L	1,1,1,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloroform	ND	1.0	1		ug/L	1,1,2,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloromethane	ND	10	1		ug/L	Tetrachloroethene	ND	1.0	1		ug/L
2-Chlorotoluene	ND	1.0	1		ug/L	Toluene	ND	1.0	1		ug/L
4-Chlorotoluene	ND	1.0	1		ug/L	1,2,3-Trichlorobenzene	ND	1.0	1		ug/L
Dibromochloromethane	ND	1.0	1		ug/L	1,2,4-Trichlorobenzene	ND	1.0	1		ug/L
1,2-Dibromo-3-Chloropropane	ND	5.0	1		ug/L	1,1,1-Trichloroethane	ND	1.0	1		ug/L
1,2-Dibromoethane	ND	1.0	1		ug/L	1,1,2-Trichloroethane	ND	1.0	1		ug/L
Dibromomethane	ND	1.0	1		ug/L	Trichloroethene	ND	1.0	1		ug/L
1,2-Dichlorobenzene	ND	1.0	1		ug/L	Trichlorofluoromethane	ND	10	1		ug/L
1,3-Dichlorobenzene	ND	1.0	1		ug/L	1,2,3-Trichloropropane	ND	5.0	1		ug/L
1,4-Dichlorobenzene	ND	1.0	1		ug/L	1,2,4-Trimethylbenzene	ND	1.0	1		ug/L
Dichlorodifluoromethane	ND	1.0	1		ug/L	1,3,5-Trimethylbenzene	ND	1.0	1		ug/L
1,1-Dichloroethane	ND	1.0	1		ug/L	Vinyl Acetate	ND	10	1		ug/L
1,2-Dichloroethane	ND	0.50	1		ug/L	Vinyl Chloride	ND	0.50	1		ug/L
1,1-Dichloroethene	ND	1.0	1		ug/L	p/m-Xylene	ND	1.0	1		ug/L
c-1,2-Dichloroethene	ND	1.0	1		ug/L	o-Xylene	ND	1.0	1		ug/L
t-1,2-Dichloroethene	ND	1.0	1		ug/L	Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		ug/L
1,2-Dichloropropane	ND	1.0	1		ug/L						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	116	86-118		Toluene-d8	100	88-110	
1,4-Bromofluorobenzene	93	86-115					

RL - Reporting Limit . DF - Dilution Factor . Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 07/22/03
Work Order No: 03-07-1059
Preparation: EPA 5030B
Method: EPA 8260B

Project: Beaumont / TC #13062.02

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
LEB-072103-P	03-07-1059-2	07/21/03	Aqueous	N/A	07/22/03	030722L01

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Acetone	ND	10	1		ug/L	1,3-Dichloropropane	ND	1.0	1		ug/L
Benzene	ND	0.50	1		ug/L	2,2-Dichloropropane	ND	1.0	1		ug/L
Bromobenzene	ND	1.0	1		ug/L	1,1-Dichloropropene	ND	1.0	1		ug/L
Bromochloromethane	ND	1.0	1		ug/L	c-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromodichloromethane	ND	1.0	1		ug/L	t-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromoform	ND	1.0	1		ug/L	Ethylbenzene	ND	1.0	1		ug/L
Bromomethane	ND	10	1		ug/L	2-Hexanone	ND	10	1		ug/L
2-Butanone	ND	10	1		ug/L	Isopropylbenzene	ND	1.0	1		ug/L
n-Butylbenzene	ND	1.0	1		ug/L	p-Isopropyltoluene	ND	1.0	1		ug/L
sec-Butylbenzene	ND	1.0	1		ug/L	Methylene Chloride	ND	10	1		ug/L
tert-Butylbenzene	ND	1.0	1		ug/L	4-Methyl-2-Pentanone	ND	10	1		ug/L
Carbon Disulfide	ND	10	1		ug/L	Naphthalene	ND	10	1		ug/L
Carbon Tetrachloride	ND	0.50	1		ug/L	n-Propylbenzene	ND	1.0	1		ug/L
Chlorobenzene	ND	1.0	1		ug/L	Styrene	ND	1.0	1		ug/L
Chloroethane	ND	1.0	1		ug/L	1,1,1,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloroform	ND	1.0	1		ug/L	1,1,2,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloromethane	ND	10	1		ug/L	Tetrachloroethene	ND	1.0	1		ug/L
2-Chlorotoluene	ND	1.0	1		ug/L	Toluene	ND	1.0	1		ug/L
4-Chlorotoluene	ND	1.0	1		ug/L	1,2,3-Trichlorobenzene	ND	1.0	1		ug/L
Dibromochloromethane	ND	1.0	1		ug/L	1,2,4-Trichlorobenzene	ND	1.0	1		ug/L
1,2-Dibromo-3-Chloropropane	ND	5.0	1		ug/L	1,1,1-Trichloroethane	ND	1.0	1		ug/L
1,2-Dibromoethane	ND	1.0	1		ug/L	1,1,2-Trichloroethane	ND	1.0	1		ug/L
Dibromomethane	ND	1.0	1		ug/L	Trichloroethene	ND	1.0	1		ug/L
1,2-Dichlorobenzene	ND	1.0	1		ug/L	Trichlorofluoromethane	ND	10	1		ug/L
1,3-Dichlorobenzene	ND	1.0	1		ug/L	1,2,3-Trichloropropane	ND	5.0	1		ug/L
1,4-Dichlorobenzene	ND	1.0	1		ug/L	1,2,4-Trimethylbenzene	ND	1.0	1		ug/L
Dichlorodifluoromethane	ND	1.0	1		ug/L	1,3,5-Trimethylbenzene	ND	1.0	1		ug/L
1,1-Dichloroethane	ND	1.0	1		ug/L	Vinyl Acetate	ND	10	1		ug/L
1,2-Dichloroethane	ND	0.50	1		ug/L	Vinyl Chloride	ND	0.50	1		ug/L
1,1-Dichloroethene	ND	1.0	1		ug/L	p/m-Xylene	ND	1.0	1		ug/L
c-1,2-Dichloroethene	ND	1.0	1		ug/L	o-Xylene	ND	1.0	1		ug/L
t-1,2-Dichloroethene	ND	1.0	1		ug/L	Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		ug/L
1,2-Dichloropropane	ND	1.0	1		ug/L						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	106	86-118		Toluene-d8	101	88-110	
1,4-Bromofluorobenzene	94	86-115					

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 07/22/03
Work Order No: 03-07-1059
Preparation: EPA 5030B
Method: EPA 8260B

Project: Beaumont / TC #13062.02

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-67-072103	03-07-1059-3	07/21/03	Aqueous	N/A	07/23/03	030722L02

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Acetone	ND	10	1		ug/L	1,3-Dichloropropane	ND	1.0	1		ug/L
Benzene	ND	0.50	1		ug/L	2,2-Dichloropropane	ND	1.0	1		ug/L
Bromobenzene	ND	1.0	1		ug/L	1,1-Dichloropropene	ND	1.0	1		ug/L
Bromochloromethane	ND	1.0	1		ug/L	c-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromodichloromethane	ND	1.0	1		ug/L	t-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromoform	ND	1.0	1		ug/L	Ethylbenzene	ND	1.0	1		ug/L
Bromomethane	ND	10	1		ug/L	2-Hexanone	ND	10	1		ug/L
2-Butanone	ND	10	1		ug/L	Isopropylbenzene	ND	1.0	1		ug/L
n-Butylbenzene	ND	1.0	1		ug/L	p-Isopropyltoluene	ND	1.0	1		ug/L
sec-Butylbenzene	ND	1.0	1		ug/L	Methylene Chloride	ND	10	1		ug/L
tert-Butylbenzene	ND	1.0	1		ug/L	4-Methyl-2-Pentanone	ND	10	1		ug/L
Carbon Disulfide	ND	10	1		ug/L	Naphthalene	ND	10	1		ug/L
Carbon Tetrachloride	ND	0.50	1		ug/L	n-Propylbenzene	ND	1.0	1		ug/L
Chlorobenzene	ND	1.0	1		ug/L	Styrene	ND	1.0	1		ug/L
Chloroethane	ND	1.0	1		ug/L	1,1,1,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloroform	ND	1.0	1		ug/L	1,1,2,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloromethane	ND	10	1		ug/L	Tetrachloroethene	ND	1.0	1		ug/L
2-Chlorotoluene	ND	1.0	1		ug/L	Toluene	ND	1.0	1		ug/L
4-Chlorotoluene	ND	1.0	1		ug/L	1,2,3-Trichlorobenzene	ND	1.0	1		ug/L
Dibromochloromethane	ND	1.0	1		ug/L	1,2,4-Trichlorobenzene	ND	1.0	1		ug/L
1,2-Dibromo-3-Chloropropane	ND	5.0	1		ug/L	1,1,1-Trichloroethane	ND	1.0	1		ug/L
1,2-Dibromoethane	ND	1.0	1		ug/L	1,1,2-Trichloroethane	ND	1.0	1		ug/L
Dibromomethane	ND	1.0	1		ug/L	Trichloroethene	ND	1.0	1		ug/L
1,2-Dichlorobenzene	ND	1.0	1		ug/L	Trichlorofluoromethane	ND	10	1		ug/L
1,3-Dichlorobenzene	ND	1.0	1		ug/L	1,2,3-Trichloropropane	ND	5.0	1		ug/L
1,4-Dichlorobenzene	ND	1.0	1		ug/L	1,2,4-Trimethylbenzene	ND	1.0	1		ug/L
Dichlorodifluoromethane	ND	1.0	1		ug/L	1,3,5-Trimethylbenzene	ND	1.0	1		ug/L
1,1-Dichloroethane	ND	1.0	1		ug/L	Vinyl Acetate	ND	10	1		ug/L
1,2-Dichloroethane	ND	0.50	1		ug/L	Vinyl Chloride	ND	0.50	1		ug/L
1,1-Dichloroethene	ND	1.0	1		ug/L	p/m-Xylene	ND	1.0	1		ug/L
c-1,2-Dichloroethene	ND	1.0	1		ug/L	o-Xylene	ND	1.0	1		ug/L
t-1,2-Dichloroethene	ND	1.0	1		ug/L	Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		ug/L
1,2-Dichloropropane	ND	1.0	1		ug/L						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	116	86-118		Toluene-d8	101	88-110	
1,4-Bromofluorobenzene	94	86-115					

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 07/22/03
Work Order No: 03-07-1059
Preparation: EPA 5030B
Method: EPA 8260B

Project: Beaumont / TC #13062.02

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SW-05-072103	03-07-1059-4	07/21/03	Aqueous	N/A	07/22/03	030722L01

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Acetone	ND	10	1		ug/L	1,3-Dichloropropane	ND	1.0	1		ug/L
Benzene	ND	0.50	1		ug/L	2,2-Dichloropropane	ND	1.0	1		ug/L
Bromobenzene	ND	1.0	1		ug/L	1,1-Dichloropropene	ND	1.0	1		ug/L
Bromochloromethane	ND	1.0	1		ug/L	c-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromodichloromethane	ND	1.0	1		ug/L	t-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromoform	ND	1.0	1		ug/L	Ethylbenzene	ND	1.0	1		ug/L
Bromomethane	ND	10	1		ug/L	2-Hexanone	ND	10	1		ug/L
2-Butanone	ND	10	1		ug/L	Isopropylbenzene	ND	1.0	1		ug/L
n-Butylbenzene	ND	1.0	1		ug/L	p-Isopropyltoluene	ND	1.0	1		ug/L
sec-Butylbenzene	ND	1.0	1		ug/L	Methylene Chloride	ND	10	1		ug/L
tert-Butylbenzene	ND	1.0	1		ug/L	4-Methyl-2-Pentanone	ND	10	1		ug/L
Carbon Disulfide	ND	10	1		ug/L	Naphthalene	ND	10	1		ug/L
Carbon Tetrachloride	ND	0.50	1		ug/L	n-Propylbenzene	ND	1.0	1		ug/L
Chlorobenzene	ND	1.0	1		ug/L	Styrene	ND	1.0	1		ug/L
Chloroethane	ND	1.0	1		ug/L	1,1,1,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloroform	ND	1.0	1		ug/L	1,1,2,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloromethane	ND	10	1		ug/L	Tetrachloroethene	ND	1.0	1		ug/L
2-Chlorotoluene	ND	1.0	1		ug/L	Toluene	ND	1.0	1		ug/L
4-Chlorotoluene	ND	1.0	1		ug/L	1,2,3-Trichlorobenzene	ND	1.0	1		ug/L
Dibromochloromethane	ND	1.0	1		ug/L	1,2,4-Trichlorobenzene	ND	1.0	1		ug/L
1,2-Dibromo-3-Chloropropane	ND	5.0	1		ug/L	1,1,1-Trichloroethane	ND	1.0	1		ug/L
1,2-Dibromoethane	ND	1.0	1		ug/L	1,1,2-Trichloroethane	ND	1.0	1		ug/L
Dibromomethane	ND	1.0	1		ug/L	Trichloroethene	ND	1.0	1		ug/L
1,2-Dichlorobenzene	ND	1.0	1		ug/L	Trichlorofluoromethane	ND	10	1		ug/L
1,3-Dichlorobenzene	ND	1.0	1		ug/L	1,2,3-Trichloropropane	ND	5.0	1		ug/L
1,4-Dichlorobenzene	ND	1.0	1		ug/L	1,2,4-Trimethylbenzene	ND	1.0	1		ug/L
Dichlorodifluoromethane	ND	1.0	1		ug/L	1,3,5-Trimethylbenzene	ND	1.0	1		ug/L
1,1-Dichloroethane	ND	1.0	1		ug/L	Vinyl Acetate	ND	10	1		ug/L
1,2-Dichloroethane	ND	0.50	1		ug/L	Vinyl Chloride	ND	0.50	1		ug/L
1,1-Dichloroethene	ND	1.0	1		ug/L	p/m-Xylene	ND	1.0	1		ug/L
c-1,2-Dichloroethene	ND	1.0	1		ug/L	o-Xylene	ND	1.0	1		ug/L
t-1,2-Dichloroethene	ND	1.0	1		ug/L	Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		ug/L
1,2-Dichloropropane	ND	1.0	1		ug/L						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control	Qual
Dibromofluoromethane	112	86-118		Toluene-d8	100	88-110	
1,4-Bromofluorobenzene	93	86-115					

RL - Reporting Limit . DF - Dilution Factor . Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 07/22/03
Work Order No: 03-07-1059
Preparation: EPA 5030B
Method: EPA 8260B

Project: Beaumont / TC #13062.02

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SW-06-072103	03-07-1059-5	07/21/03	Aqueous	N/A	07/22/03	030722L01

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Acetone	ND	10	1		ug/L	1,3-Dichloropropane	ND	1.0	1		ug/L
Benzene	ND	0.50	1		ug/L	2,2-Dichloropropane	ND	1.0	1		ug/L
Bromobenzene	ND	1.0	1		ug/L	1,1-Dichloropropene	ND	1.0	1		ug/L
Bromochloromethane	ND	1.0	1		ug/L	c-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromodichloromethane	ND	1.0	1		ug/L	t-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromoform	ND	1.0	1		ug/L	Ethylbenzene	ND	1.0	1		ug/L
Bromomethane	ND	10	1		ug/L	2-Hexanone	ND	10	1		ug/L
2-Butanone	ND	10	1		ug/L	Isopropylbenzene	ND	1.0	1		ug/L
n-Butylbenzene	ND	1.0	1		ug/L	p-Isopropyltoluene	ND	1.0	1		ug/L
sec-Butylbenzene	ND	1.0	1		ug/L	Methylene Chloride	ND	10	1		ug/L
tert-Butylbenzene	ND	1.0	1		ug/L	4-Methyl-2-Pentanone	ND	10	1		ug/L
Carbon Disulfide	ND	10	1		ug/L	Naphthalene	ND	10	1		ug/L
Carbon Tetrachloride	ND	0.50	1		ug/L	n-Propylbenzene	ND	1.0	1		ug/L
Chlorobenzene	ND	1.0	1		ug/L	Styrene	ND	1.0	1		ug/L
Chloroethane	ND	1.0	1		ug/L	1,1,1,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloroform	ND	1.0	1		ug/L	1,1,2,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloromethane	ND	10	1		ug/L	Tetrachloroethene	ND	1.0	1		ug/L
2-Chlorotoluene	ND	1.0	1		ug/L	Toluene	ND	1.0	1		ug/L
4-Chlorotoluene	ND	1.0	1		ug/L	1,2,3-Trichlorobenzene	ND	1.0	1		ug/L
Dibromochloromethane	ND	1.0	1		ug/L	1,2,4-Trichlorobenzene	ND	1.0	1		ug/L
1,2-Dibromo-3-Chloropropane	ND	5.0	1		ug/L	1,1,1-Trichloroethane	ND	1.0	1		ug/L
1,2-Dibromoethane	ND	1.0	1		ug/L	1,1,2-Trichloroethane	ND	1.0	1		ug/L
Dibromomethane	ND	1.0	1		ug/L	Trichloroethene	ND	1.0	1		ug/L
1,2-Dichlorobenzene	ND	1.0	1		ug/L	Trichlorofluoromethane	ND	10	1		ug/L
1,3-Dichlorobenzene	ND	1.0	1		ug/L	1,2,3-Trichloropropane	ND	5.0	1		ug/L
1,4-Dichlorobenzene	ND	1.0	1		ug/L	1,2,4-Trimethylbenzene	ND	1.0	1		ug/L
Dichlorodifluoromethane	ND	1.0	1		ug/L	1,3,5-Trimethylbenzene	ND	1.0	1		ug/L
1,1-Dichloroethane	ND	1.0	1		ug/L	Vinyl Acetate	ND	10	1		ug/L
1,2-Dichloroethane	ND	0.50	1		ug/L	Vinyl Chloride	ND	0.50	1		ug/L
1,1-Dichloroethene	ND	1.0	1		ug/L	p/m-Xylene	ND	1.0	1		ug/L
c-1,2-Dichloroethene	ND	1.0	1		ug/L	o-Xylene	ND	1.0	1		ug/L
t-1,2-Dichloroethene	ND	1.0	1		ug/L	Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		ug/L
1,2-Dichloropropane	ND	1.0	1		ug/L						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control	Qual
Dibromofluoromethane	111	86-118		Toluene-d8	101	88-110	
1,4-Bromofluorobenzene	93	86-115					

RL - Reporting Limit . DF - Dilution Factor . Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 07/22/03
Work Order No: 03-07-1059
Preparation: EPA 5030B
Method: EPA 8260B

Project: Beaumont / TC #13062.02

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SW-07-072103	03-07-1059-6	07/21/03	Aqueous	N/A	07/22/03	030722L01

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Acetone	ND	10	1		ug/L	1,3-Dichloropropane	ND	1.0	1		ug/L
Benzene	ND	0.50	1		ug/L	2,2-Dichloropropane	ND	1.0	1		ug/L
Bromobenzene	ND	1.0	1		ug/L	1,1-Dichloropropene	ND	1.0	1		ug/L
Bromochloromethane	ND	1.0	1		ug/L	c-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromodichloromethane	ND	1.0	1		ug/L	t-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromoform	ND	1.0	1		ug/L	Ethylbenzene	ND	1.0	1		ug/L
Bromomethane	ND	10	1		ug/L	2-Hexanone	ND	10	1		ug/L
2-Butanone	ND	10	1		ug/L	Isopropylbenzene	ND	1.0	1		ug/L
n-Butylbenzene	ND	1.0	1		ug/L	p-Isopropyltoluene	ND	1.0	1		ug/L
sec-Butylbenzene	ND	1.0	1		ug/L	Methylene Chloride	ND	10	1		ug/L
tert-Butylbenzene	ND	1.0	1		ug/L	4-Methyl-2-Pentanone	ND	10	1		ug/L
Carbon Disulfide	ND	10	1		ug/L	Naphthalene	ND	10	1		ug/L
Carbon Tetrachloride	ND	0.50	1		ug/L	n-Propylbenzene	ND	1.0	1		ug/L
Chlorobenzene	ND	1.0	1		ug/L	Styrene	ND	1.0	1		ug/L
Chloroethane	ND	1.0	1		ug/L	1,1,1,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloroform	ND	1.0	1		ug/L	1,1,2,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloromethane	ND	10	1		ug/L	Tetrachloroethene	ND	1.0	1		ug/L
2-Chlorotoluene	ND	1.0	1		ug/L	Toluene	ND	1.0	1		ug/L
4-Chlorotoluene	ND	1.0	1		ug/L	1,2,3-Trichlorobenzene	ND	1.0	1		ug/L
Dibromochloromethane	ND	1.0	1		ug/L	1,2,4-Trichlorobenzene	ND	1.0	1		ug/L
1,2-Dibromo-3-Chloropropane	ND	5.0	1		ug/L	1,1,1-Trichloroethane	ND	1.0	1		ug/L
1,2-Dibromoethane	ND	1.0	1		ug/L	1,1,2-Trichloroethane	ND	1.0	1		ug/L
Dibromomethane	ND	1.0	1		ug/L	Trichloroethene	ND	1.0	1		ug/L
1,2-Dichlorobenzene	ND	1.0	1		ug/L	Trichlorofluoromethane	ND	10	1		ug/L
1,3-Dichlorobenzene	ND	1.0	1		ug/L	1,2,3-Trichloropropane	ND	5.0	1		ug/L
1,4-Dichlorobenzene	ND	1.0	1		ug/L	1,2,4-Trimethylbenzene	ND	1.0	1		ug/L
Dichlorodifluoromethane	ND	1.0	1		ug/L	1,3,5-Trimethylbenzene	ND	1.0	1		ug/L
1,1-Dichloroethane	ND	1.0	1		ug/L	Vinyl Acetate	ND	10	1		ug/L
1,2-Dichloroethane	ND	0.50	1		ug/L	Vinyl Chloride	ND	0.50	1		ug/L
1,1-Dichloroethene	ND	1.0	1		ug/L	p/m-Xylene	ND	1.0	1		ug/L
c-1,2-Dichloroethene	ND	1.0	1		ug/L	o-Xylene	ND	1.0	1		ug/L
t-1,2-Dichloroethene	ND	1.0	1		ug/L	Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		ug/L
1,2-Dichloropropane	ND	1.0	1		ug/L						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control	Qual
Dibromofluoromethane	114	86-118		Toluene-d8	101	88-110	
1,4-Bromofluorobenzene	94	86-115					

RL - Reporting Limit . DF - Dilution Factor . Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 07/22/03
Work Order No: 03-07-1059
Preparation: EPA 5030B
Method: EPA 8260B

Project: Beaumont / TC #13062.02

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SW-04-072103	03-07-1059-7	07/21/03	Aqueous	N/A	07/23/03	030722L01

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Acetone	ND	10	1		ug/L	1,3-Dichloropropane	ND	1.0	1		ug/L
Benzene	ND	0.50	1		ug/L	2,2-Dichloropropane	ND	1.0	1		ug/L
Bromobenzene	ND	1.0	1		ug/L	1,1-Dichloropropene	ND	1.0	1		ug/L
Bromochloromethane	ND	1.0	1		ug/L	c-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromodichloromethane	ND	1.0	1		ug/L	t-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromoform	ND	1.0	1		ug/L	Ethylbenzene	ND	1.0	1		ug/L
Bromomethane	ND	10	1		ug/L	2-Hexanone	ND	10	1		ug/L
2-Butanone	ND	10	1		ug/L	Isopropylbenzene	ND	1.0	1		ug/L
n-Butylbenzene	ND	1.0	1		ug/L	p-Isopropyltoluene	ND	1.0	1		ug/L
sec-Butylbenzene	ND	1.0	1		ug/L	Methylene Chloride	ND	10	1		ug/L
tert-Butylbenzene	ND	1.0	1		ug/L	4-Methyl-2-Pentanone	ND	10	1		ug/L
Carbon Disulfide	ND	10	1		ug/L	Naphthalene	ND	10	1		ug/L
Carbon Tetrachloride	ND	0.50	1		ug/L	n-Propylbenzene	ND	1.0	1		ug/L
Chlorobenzene	ND	1.0	1		ug/L	Styrene	ND	1.0	1		ug/L
Chloroethane	ND	1.0	1		ug/L	1,1,1,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloroform	ND	1.0	1		ug/L	1,1,2,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloromethane	ND	10	1		ug/L	Tetrachloroethene	ND	1.0	1		ug/L
2-Chlorotoluene	ND	1.0	1		ug/L	Toluene	ND	1.0	1		ug/L
4-Chlorotoluene	ND	1.0	1		ug/L	1,2,3-Trichlorobenzene	ND	1.0	1		ug/L
Dibromochloromethane	ND	1.0	1		ug/L	1,2,4-Trichlorobenzene	ND	1.0	1		ug/L
1,2-Dibromo-3-Chloropropane	ND	5.0	1		ug/L	1,1,1-Trichloroethane	ND	1.0	1		ug/L
1,2-Dibromoethane	ND	1.0	1		ug/L	1,1,2-Trichloroethane	ND	1.0	1		ug/L
Dibromomethane	ND	1.0	1		ug/L	Trichloroethene	ND	1.0	1		ug/L
1,2-Dichlorobenzene	ND	1.0	1		ug/L	Trichlorofluoromethane	ND	10	1		ug/L
1,3-Dichlorobenzene	ND	1.0	1		ug/L	1,2,3-Trichloropropane	ND	5.0	1		ug/L
1,4-Dichlorobenzene	ND	1.0	1		ug/L	1,2,4-Trimethylbenzene	ND	1.0	1		ug/L
Dichlorodifluoromethane	ND	1.0	1		ug/L	1,3,5-Trimethylbenzene	ND	1.0	1		ug/L
1,1-Dichloroethane	ND	1.0	1		ug/L	Vinyl Acetate	ND	10	1		ug/L
1,2-Dichloroethane	ND	0.50	1		ug/L	Vinyl Chloride	ND	0.50	1		ug/L
1,1-Dichloroethene	ND	1.0	1		ug/L	p/m-Xylene	ND	1.0	1		ug/L
c-1,2-Dichloroethene	ND	1.0	1		ug/L	o-Xylene	ND	1.0	1		ug/L
t-1,2-Dichloroethene	ND	1.0	1		ug/L	Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		ug/L
1,2-Dichloropropane	ND	1.0	1		ug/L						
Surrogates:	REC (%)	Control Limits		Qual		Surrogates:	REC (%)	Control		Qual	
Dibromofluoromethane	117	86-118				Toluene-d8	100	88-110			
1,4-Bromofluorobenzene	94	86-115									

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 07/22/03
Work Order No: 03-07-1059
Preparation: EPA 5030B
Method: EPA 8260B

Project: Beaumont / TC #13062.02

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-115-072103	03-07-1059-8	07/21/03	Aqueous	N/A	07/22/03	030722L01

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Acetone	ND	10	1		ug/L	1,3-Dichloropropane	ND	1.0	1		ug/L
Benzene	ND	0.50	1		ug/L	2,2-Dichloropropane	ND	1.0	1		ug/L
Bromobenzene	ND	1.0	1		ug/L	1,1-Dichloropropene	ND	1.0	1		ug/L
Bromochloromethane	ND	1.0	1		ug/L	c-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromodichloromethane	ND	1.0	1		ug/L	t-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromoform	ND	1.0	1		ug/L	Ethylbenzene	ND	1.0	1		ug/L
Bromomethane	ND	10	1		ug/L	2-Hexanone	ND	10	1		ug/L
2-Butanone	ND	10	1		ug/L	Isopropylbenzene	ND	1.0	1		ug/L
n-Butylbenzene	ND	1.0	1		ug/L	p-Isopropyltoluene	ND	1.0	1		ug/L
sec-Butylbenzene	ND	1.0	1		ug/L	Methylene Chloride	ND	10	1		ug/L
tert-Butylbenzene	ND	1.0	1		ug/L	4-Methyl-2-Pentanone	ND	10	1		ug/L
Carbon Disulfide	ND	10	1		ug/L	Naphthalene	ND	10	1		ug/L
Carbon Tetrachloride	ND	0.50	1		ug/L	n-Propylbenzene	ND	1.0	1		ug/L
Chlorobenzene	ND	1.0	1		ug/L	Styrene	ND	1.0	1		ug/L
Chloroethane	ND	1.0	1		ug/L	1,1,1,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloroform	ND	1.0	1		ug/L	1,1,2,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloromethane	ND	10	1		ug/L	Tetrachloroethene	ND	1.0	1		ug/L
2-Chlorotoluene	ND	1.0	1		ug/L	Toluene	ND	1.0	1		ug/L
4-Chlorotoluene	ND	1.0	1		ug/L	1,2,3-Trichlorobenzene	ND	1.0	1		ug/L
Dibromochloromethane	ND	1.0	1		ug/L	1,2,4-Trichlorobenzene	ND	1.0	1		ug/L
1,2-Dibromo-3-Chloropropane	ND	5.0	1		ug/L	1,1,1-Trichloroethane	ND	1.0	1		ug/L
1,2-Dibromoethane	ND	1.0	1		ug/L	1,1,2-Trichloroethane	ND	1.0	1		ug/L
Dibromomethane	ND	1.0	1		ug/L	Trichloroethene	1.1	1.0	1		ug/L
1,2-Dichlorobenzene	ND	1.0	1		ug/L	Trichlorofluoromethane	ND	10	1		ug/L
1,3-Dichlorobenzene	ND	1.0	1		ug/L	1,2,3-Trichloropropane	ND	5.0	1		ug/L
1,4-Dichlorobenzene	ND	1.0	1		ug/L	1,2,4-Trimethylbenzene	ND	1.0	1		ug/L
Dichlorodifluoromethane	ND	1.0	1		ug/L	1,3,5-Trimethylbenzene	ND	1.0	1		ug/L
1,1-Dichloroethane	ND	1.0	1		ug/L	Vinyl Acetate	ND	10	1		ug/L
1,2-Dichloroethane	ND	0.50	1		ug/L	Vinyl Chloride	ND	0.50	1		ug/L
1,1-Dichloroethene	3.2	1.0	1		ug/L	p/m-Xylene	ND	1.0	1		ug/L
c-1,2-Dichloroethene	ND	1.0	1		ug/L	o-Xylene	ND	1.0	1		ug/L
t-1,2-Dichloroethene	ND	1.0	1		ug/L	Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		ug/L
1,2-Dichloropropane	ND	1.0	1		ug/L						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control	Qual
Dibromofluoromethane	113	86-118		Toluene-d8	100	88-110	
1,4-Bromofluorobenzene	93	86-115					

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 07/22/03
Work Order No: 03-07-1059
Preparation: EPA 5030B
Method: EPA 8260B

Project: Beaumont / TC #13062.02

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-15-072103	03-07-1059-9	07/21/03	Aqueous	N/A	07/22/03	030722L01

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Acetone	ND	10	1		ug/L	1,3-Dichloropropane	ND	1.0	1		ug/L
Benzene	ND	0.50	1		ug/L	2,2-Dichloropropane	ND	1.0	1		ug/L
Bromobenzene	ND	1.0	1		ug/L	1,1-Dichloropropene	ND	1.0	1		ug/L
Bromochloromethane	ND	1.0	1		ug/L	c-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromodichloromethane	ND	1.0	1		ug/L	t-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromoform	ND	1.0	1		ug/L	Ethylbenzene	ND	1.0	1		ug/L
Bromomethane	ND	10	1		ug/L	2-Hexanone	ND	10	1		ug/L
2-Butanone	ND	10	1		ug/L	Isopropylbenzene	ND	1.0	1		ug/L
n-Butylbenzene	ND	1.0	1		ug/L	p-Isopropyltoluene	ND	1.0	1		ug/L
sec-Butylbenzene	ND	1.0	1		ug/L	Methylene Chloride	ND	10	1		ug/L
tert-Butylbenzene	ND	1.0	1		ug/L	4-Methyl-2-Pentanone	ND	10	1		ug/L
Carbon Disulfide	ND	10	1		ug/L	Naphthalene	ND	10	1		ug/L
Carbon Tetrachloride	ND	0.50	1		ug/L	n-Propylbenzene	ND	1.0	1		ug/L
Chlorobenzene	ND	1.0	1		ug/L	Styrene	ND	1.0	1		ug/L
Chloroethane	ND	1.0	1		ug/L	1,1,1,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloroform	ND	1.0	1		ug/L	1,1,2,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloromethane	ND	10	1		ug/L	Tetrachloroethene	ND	1.0	1		ug/L
2-Chlorotoluene	ND	1.0	1		ug/L	Toluene	ND	1.0	1		ug/L
4-Chlorotoluene	ND	1.0	1		ug/L	1,2,3-Trichlorobenzene	ND	1.0	1		ug/L
Dibromochloromethane	ND	1.0	1		ug/L	1,2,4-Trichlorobenzene	ND	1.0	1		ug/L
1,2-Dibromo-3-Chloropropane	ND	5.0	1		ug/L	1,1,1-Trichloroethane	ND	1.0	1		ug/L
1,2-Dibromoethane	ND	1.0	1		ug/L	1,1,2-Trichloroethane	ND	1.0	1		ug/L
Dibromomethane	ND	1.0	1		ug/L	Trichloroethene	1.1	1.0	1		ug/L
1,2-Dichlorobenzene	ND	1.0	1		ug/L	Trichlorofluoromethane	ND	10	1		ug/L
1,3-Dichlorobenzene	ND	1.0	1		ug/L	1,2,3-Trichloropropane	ND	5.0	1		ug/L
1,4-Dichlorobenzene	ND	1.0	1		ug/L	1,2,4-Trimethylbenzene	ND	1.0	1		ug/L
Dichlorodifluoromethane	ND	1.0	1		ug/L	1,3,5-Trimethylbenzene	ND	1.0	1		ug/L
1,1-Dichloroethane	ND	1.0	1		ug/L	Vinyl Acetate	ND	10	1		ug/L
1,2-Dichloroethane	ND	0.50	1		ug/L	Vinyl Chloride	ND	0.50	1		ug/L
1,1-Dichloroethene	3.3	1.0	1		ug/L	p/m-Xylene	ND	1.0	1		ug/L
c-1,2-Dichloroethene	ND	1.0	1		ug/L	o-Xylene	ND	1.0	1		ug/L
t-1,2-Dichloroethene	ND	1.0	1		ug/L	Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		ug/L
1,2-Dichloropropane	ND	1.0	1		ug/L						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control	Qual
Dibromofluoromethane	112	86-118		Toluene-d8	100	88-110	
1,4-Bromofluorobenzene	93	86-115					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 07/22/03
Work Order No: 03-07-1059
Preparation: EPA 5030B
Method: EPA 8260B

Project: Beaumont / TC #13062.02

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-18-072103	03-07-1059-10	07/21/03	Aqueous	N/A	07/24/03	030723L01

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Acetone	ND	10	1		ug/L	1,3-Dichloropropane	ND	1.0	1		ug/L
Benzene	ND	0.50	1		ug/L	2,2-Dichloropropane	ND	1.0	1		ug/L
Bromobenzene	ND	1.0	1		ug/L	1,1-Dichloropropene	ND	1.0	1		ug/L
Bromochloromethane	ND	1.0	1		ug/L	c-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromodichloromethane	ND	1.0	1		ug/L	t-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromoform	ND	1.0	1		ug/L	Ethylbenzene	ND	1.0	1		ug/L
Bromomethane	ND	10	1		ug/L	2-Hexanone	ND	10	1		ug/L
2-Butanone	ND	10	1		ug/L	Isopropylbenzene	ND	1.0	1		ug/L
n-Butylbenzene	ND	1.0	1		ug/L	p-Isopropyltoluene	ND	1.0	1		ug/L
sec-Butylbenzene	ND	1.0	1		ug/L	Methylene Chloride	ND	10	1		ug/L
tert-Butylbenzene	ND	1.0	1		ug/L	4-Methyl-2-Pentanone	ND	10	1		ug/L
Carbon Disulfide	ND	10	1		ug/L	Naphthalene	ND	10	1		ug/L
Carbon Tetrachloride	ND	0.50	1		ug/L	n-Propylbenzene	ND	1.0	1		ug/L
Chlorobenzene	ND	1.0	1		ug/L	Styrene	ND	1.0	1		ug/L
Chloroethane	ND	1.0	1		ug/L	1,1,1,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloroform	ND	1.0	1		ug/L	1,1,2,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloromethane	ND	10	1		ug/L	Tetrachloroethene	ND	1.0	1		ug/L
2-Chlorotoluene	ND	1.0	1		ug/L	Toluene	ND	1.0	1		ug/L
4-Chlorotoluene	ND	1.0	1		ug/L	1,2,3-Trichlorobenzene	ND	1.0	1		ug/L
Dibromochloromethane	ND	1.0	1		ug/L	1,2,4-Trichlorobenzene	ND	1.0	1		ug/L
1,2-Dibromo-3-Chloropropane	ND	5.0	1		ug/L	1,1,1-Trichloroethane	ND	1.0	1		ug/L
1,2-Dibromoethane	ND	1.0	1		ug/L	1,1,2-Trichloroethane	ND	1.0	1		ug/L
Dibromomethane	ND	1.0	1		ug/L	Trichloroethene	2.3	1.0	1		ug/L
1,2-Dichlorobenzene	ND	1.0	1		ug/L	Trichlorofluoromethane	ND	10	1		ug/L
1,3-Dichlorobenzene	ND	1.0	1		ug/L	1,2,3-Trichloropropane	ND	5.0	1		ug/L
1,4-Dichlorobenzene	ND	1.0	1		ug/L	1,2,4-Trimethylbenzene	ND	1.0	1		ug/L
Dichlorodifluoromethane	ND	1.0	1		ug/L	1,3,5-Trimethylbenzene	ND	1.0	1		ug/L
1,1-Dichloroethane	ND	1.0	1		ug/L	Vinyl Acetate	ND	10	1		ug/L
1,2-Dichloroethane	ND	0.50	1		ug/L	Vinyl Chloride	ND	0.50	1		ug/L
1,1-Dichloroethene	4.0	1.0	1		ug/L	p/m-Xylene	ND	1.0	1		ug/L
c-1,2-Dichloroethene	ND	1.0	1		ug/L	o-Xylene	ND	1.0	1		ug/L
t-1,2-Dichloroethene	ND	1.0	1		ug/L	Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		ug/L
1,2-Dichloropropane	ND	1.0	1		ug/L						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	106	86-118		Toluene-d8	99	88-110	
1,4-Bromofluorobenzene	91	86-115					

RL - Reporting Limit . DF - Dilution Factor . Qual - Qualifiers

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 07/22/03
Work Order No: 03-07-1059
Preparation: EPA 5030B
Method: EPA 8260B

Project: Beaumont / TC #13062.02

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-006-7,987**	**N/A**	**Aqueous**	**N/A**	**07/22/03**	**u30722L01**

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Acetone	ND	10	1		ug/L	1,3-Dichloropropane	ND	1.0	1		ug/L
Benzene	ND	0.50	1		ug/L	2,2-Dichloropropane	ND	1.0	1		ug/L
Bromobenzene	ND	1.0	1		ug/L	1,1-Dichloropropene	ND	1.0	1		ug/L
Bromochloromethane	ND	1.0	1		ug/L	c-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromodichloromethane	ND	1.0	1		ug/L	t-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromoform	ND	1.0	1		ug/L	Ethylbenzene	ND	1.0	1		ug/L
Bromomethane	ND	10	1		ug/L	2-Hexanone	ND	10	1		ug/L
2-Butanone	ND	10	1		ug/L	Isopropylbenzene	ND	1.0	1		ug/L
n-Butylbenzene	ND	1.0	1		ug/L	p-Isopropyltoluene	ND	1.0	1		ug/L
sec-Butylbenzene	ND	1.0	1		ug/L	Methylene Chloride	ND	10	1		ug/L
tert-Butylbenzene	ND	1.0	1		ug/L	4-Methyl-2-Pentanone	ND	10	1		ug/L
Carbon Disulfide	ND	10	1		ug/L	Naphthalene	ND	10	1		ug/L
Carbon Tetrachloride	ND	0.50	1		ug/L	n-Propylbenzene	ND	1.0	1		ug/L
Chlorobenzene	ND	1.0	1		ug/L	Styrene	ND	1.0	1		ug/L
Chloroethane	ND	1.0	1		ug/L	1,1,1,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloroform	ND	1.0	1		ug/L	1,1,2,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloromethane	ND	10	1		ug/L	Tetrachloroethene	ND	1.0	1		ug/L
2-Chlorotoluene	ND	1.0	1		ug/L	Toluene	ND	1.0	1		ug/L
4-Chlorotoluene	ND	1.0	1		ug/L	1,2,3-Trichlorobenzene	ND	1.0	1		ug/L
Dibromochloromethane	ND	1.0	1		ug/L	1,2,4-Trichlorobenzene	ND	1.0	1		ug/L
1,2-Dibromo-3-Chloropropane	ND	5.0	1		ug/L	1,1,1-Trichloroethane	ND	1.0	1		ug/L
1,2-Dibromoethane	ND	1.0	1		ug/L	1,1,2-Trichloroethane	ND	1.0	1		ug/L
Dibromomethane	ND	1.0	1		ug/L	Trichloroethene	ND	1.0	1		ug/L
1,2-Dichlorobenzene	ND	1.0	1		ug/L	Trichlorofluoromethane	ND	10	1		ug/L
1,3-Dichlorobenzene	ND	1.0	1		ug/L	1,2,3-Trichloropropane	ND	5.0	1		ug/L
1,4-Dichlorobenzene	ND	1.0	1		ug/L	1,2,4-Trimethylbenzene	ND	1.0	1		ug/L
Dichlorodifluoromethane	ND	1.0	1		ug/L	1,3,5-Trimethylbenzene	ND	1.0	1		ug/L
1,1-Dichloroethane	ND	1.0	1		ug/L	Vinyl Acetate	ND	10	1		ug/L
1,2-Dichloroethane	ND	0.50	1		ug/L	Vinyl Chloride	ND	0.50	1		ug/L
1,1-Dichloroethene	ND	1.0	1		ug/L	p/m-Xylene	ND	1.0	1		ug/L
c-1,2-Dichloroethene	ND	1.0	1		ug/L	o-Xylene	ND	1.0	1		ug/L
t-1,2-Dichloroethene	ND	1.0	1		ug/L	Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		ug/L
1,2-Dichloropropane	ND	1.0	1		ug/L						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control	Qual
Dibromofluoromethane	106	86-118		Toluene-d8	103	88-110	
1,4-Bromofluorobenzene	95	86-115					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 07/22/03
Work Order No: 03-07-1059
Preparation: EPA 5030B
Method: EPA 8260B

Project: Beaumont / TC #13062.02

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-006-7,988**	**N/A**	**Aqueous**	**N/A**	**07/23/03**	**030722L02**

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Acetone	ND	10	1		ug/L	1,3-Dichloropropane	ND	1.0	1		ug/L
Benzene	ND	0.50	1		ug/L	2,2-Dichloropropane	ND	1.0	1		ug/L
Bromobenzene	ND	1.0	1		ug/L	1,1-Dichloropropene	ND	1.0	1		ug/L
Bromochloromethane	ND	1.0	1		ug/L	c-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromodichloromethane	ND	1.0	1		ug/L	t-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromoform	ND	1.0	1		ug/L	Ethylbenzene	ND	1.0	1		ug/L
Bromomethane	ND	10	1		ug/L	2-Hexanone	ND	10	1		ug/L
2-Butanone	ND	10	1		ug/L	Isopropylbenzene	ND	1.0	1		ug/L
n-Butylbenzene	ND	1.0	1		ug/L	p-Isopropyltoluene	ND	1.0	1		ug/L
sec-Butylbenzene	ND	1.0	1		ug/L	Methylene Chloride	ND	10	1		ug/L
tert-Butylbenzene	ND	1.0	1		ug/L	4-Methyl-2-Pentanone	ND	10	1		ug/L
Carbon Disulfide	ND	10	1		ug/L	Naphthalene	ND	10	1		ug/L
Carbon Tetrachloride	ND	0.50	1		ug/L	n-Propylbenzene	ND	1.0	1		ug/L
Chlorobenzene	ND	1.0	1		ug/L	Styrene	ND	1.0	1		ug/L
Chloroethane	ND	1.0	1		ug/L	1,1,1,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloroform	ND	1.0	1		ug/L	1,1,2,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloromethane	ND	10	1		ug/L	Tetrachloroethene	ND	1.0	1		ug/L
2-Chlorotoluene	ND	1.0	1		ug/L	Toluene	ND	1.0	1		ug/L
4-Chlorotoluene	ND	1.0	1		ug/L	1,2,3-Trichlorobenzene	ND	1.0	1		ug/L
Dibromochloromethane	ND	1.0	1		ug/L	1,2,4-Trichlorobenzene	ND	1.0	1		ug/L
1,2-Dibromo-3-Chloropropane	ND	5.0	1		ug/L	1,1,1-Trichloroethane	ND	1.0	1		ug/L
1,2-Dibromoethane	ND	1.0	1		ug/L	1,1,2-Trichloroethane	ND	1.0	1		ug/L
Dibromomethane	ND	1.0	1		ug/L	Trichloroethene	ND	1.0	1		ug/L
1,2-Dichlorobenzene	ND	1.0	1		ug/L	Trichlorofluoromethane	ND	10	1		ug/L
1,3-Dichlorobenzene	ND	1.0	1		ug/L	1,2,3-Trichloropropane	ND	5.0	1		ug/L
1,4-Dichlorobenzene	ND	1.0	1		ug/L	1,2,4-Trimethylbenzene	ND	1.0	1		ug/L
Dichlorodifluoromethane	ND	1.0	1		ug/L	1,3,5-Trimethylbenzene	ND	1.0	1		ug/L
1,1-Dichloroethane	ND	1.0	1		ug/L	Vinyl Acetate	ND	10	1		ug/L
1,2-Dichloroethane	ND	0.50	1		ug/L	Vinyl Chloride	ND	0.50	1		ug/L
1,1-Dichloroethene	ND	1.0	1		ug/L	p/m-Xylene	ND	1.0	1		ug/L
c-1,2-Dichloroethene	ND	1.0	1		ug/L	o-Xylene	ND	1.0	1		ug/L
t-1,2-Dichloroethene	ND	1.0	1		ug/L	Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		ug/L
1,2-Dichloropropane	ND	1.0	1		ug/L						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control	Qual
Dibromofluoromethane	113	86-118		Toluene-d8	100	88-110	
1,4-Bromofluorobenzene	94	86-115					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 07/22/03
Work Order No: 03-07-1059
Preparation: EPA 5030B
Method: EPA 8260B

Project: Beaumont / TC #13062.02

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-006-7,991**	**N/A**	**Aqueous**	**N/A**	**07/23/03**	**030723L01**

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Acetone	ND	10	1		ug/L	1,3-Dichloropropane	ND	1.0	1		ug/L
Benzene	ND	0.50	1		ug/L	2,2-Dichloropropane	ND	1.0	1		ug/L
Bromobenzene	ND	1.0	1		ug/L	1,1-Dichloropropene	ND	1.0	1		ug/L
Bromochloromethane	ND	1.0	1		ug/L	c-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromodichloromethane	ND	1.0	1		ug/L	t-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromoform	ND	1.0	1		ug/L	Ethylbenzene	ND	1.0	1		ug/L
Bromomethane	ND	10	1		ug/L	2-Hexanone	ND	10	1		ug/L
2-Butanone	ND	10	1		ug/L	Isopropylbenzene	ND	1.0	1		ug/L
n-Butylbenzene	ND	1.0	1		ug/L	p-Isopropyltoluene	ND	1.0	1		ug/L
sec-Butylbenzene	ND	1.0	1		ug/L	Methylene Chloride	ND	10	1		ug/L
tert-Butylbenzene	ND	1.0	1		ug/L	4-Methyl-2-Pentanone	ND	10	1		ug/L
Carbon Disulfide	ND	10	1		ug/L	Naphthalene	ND	10	1		ug/L
Carbon Tetrachloride	ND	0.50	1		ug/L	n-Propylbenzene	ND	1.0	1		ug/L
Chlorobenzene	ND	1.0	1		ug/L	Styrene	ND	1.0	1		ug/L
Chloroethane	ND	1.0	1		ug/L	1,1,1,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloroform	ND	1.0	1		ug/L	1,1,2,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloromethane	ND	10	1		ug/L	Tetrachloroethene	ND	1.0	1		ug/L
2-Chlorotoluene	ND	1.0	1		ug/L	Toluene	ND	1.0	1		ug/L
4-Chlorotoluene	ND	1.0	1		ug/L	1,2,3-Trichlorobenzene	ND	1.0	1		ug/L
Dibromochloromethane	ND	1.0	1		ug/L	1,2,4-Trichlorobenzene	ND	1.0	1		ug/L
1,2-Dibromo-3-Chloropropane	ND	5.0	1		ug/L	1,1,1-Trichloroethane	ND	1.0	1		ug/L
1,2-Dibromoethane	ND	1.0	1		ug/L	1,1,2-Trichloroethane	ND	1.0	1		ug/L
Dibromomethane	ND	1.0	1		ug/L	Trichloroethene	ND	1.0	1		ug/L
1,2-Dichlorobenzene	ND	1.0	1		ug/L	Trichlorofluoromethane	ND	10	1		ug/L
1,3-Dichlorobenzene	ND	1.0	1		ug/L	1,2,3-Trichloropropane	ND	5.0	1		ug/L
1,4-Dichlorobenzene	ND	1.0	1		ug/L	1,2,4-Trimethylbenzene	ND	1.0	1		ug/L
Dichlorodifluoromethane	ND	1.0	1		ug/L	1,3,5-Trimethylbenzene	ND	1.0	1		ug/L
1,1-Dichloroethane	ND	1.0	1		ug/L	Vinyl Acetate	ND	10	1		ug/L
1,2-Dichloroethane	ND	0.50	1		ug/L	Vinyl Chloride	ND	0.50	1		ug/L
1,1-Dichloroethene	ND	1.0	1		ug/L	p/m-Xylene	ND	1.0	1		ug/L
c-1,2-Dichloroethene	ND	1.0	1		ug/L	o-Xylene	ND	1.0	1		ug/L
t-1,2-Dichloroethene	ND	1.0	1		ug/L	Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		ug/L
1,2-Dichloropropane	ND	1.0	1		ug/L						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control	Qual
Dibromofluoromethane	106	86-118		Toluene-d8	102	88-110	
1,4-Bromofluorobenzene	95	86-115					

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 07/22/03
Work Order No: 03-07-1059
Preparation: EPA 3520B
Method: GC/MS Isotope Dilution

Project: Beaumont / TC #13062.02

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
LEB-072103-P	**03-07-1059-2**	**07/21/03**	**Aqueous**	**07/22/03**	**07/30/03**	**030722L08**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	2.0	1		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
Nitrobenzene-d5	100	56-123			
2-Fluorobiphenyl	82	45-120			
p-Terphenyl-d14	113	46-133			

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-67-072103	**03-07-1059-3**	**07/21/03**	**Aqueous**	**07/22/03**	**07/30/03**	**030722L08**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	2.0	1		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
Nitrobenzene-d5	94	56-123			
2-Fluorobiphenyl	76	45-120			
p-Terphenyl-d14	102	46-133			

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SW-05-072103	**03-07-1059-4**	**07/21/03**	**Aqueous**	**07/22/03**	**07/30/03**	**030722L08**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	2.0	1		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
Nitrobenzene-d5	96	56-123			
2-Fluorobiphenyl	80	45-120			
p-Terphenyl-d14	109	46-133			

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SW-06-072103	**03-07-1059-5**	**07/21/03**	**Aqueous**	**07/22/03**	**07/30/03**	**030722L08**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	2.0	1		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
Nitrobenzene-d5	88	56-123			
2-Fluorobiphenyl	76	45-120			
p-Terphenyl-d14	99	46-133			

7440 Lincoln Way, Garden Grove, CA 92841-1432 • TEL: (714) 895-5494 • FAX: (714) 894-7501

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 07/22/03
Work Order No: 03-07-1059
Preparation: EPA 3520B
Method: GC/MS Isotope Dilution

Project: Beaumont / TC #13062.02

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SW-07-072103	**03-07-1059-6**	**07/21/03**	**Aqueous**	**07/22/03**	**07/30/03**	**030722L08**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	2.9	2.0	1		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
Nitrobenzene-d5	104	56-123			
2-Fluorobiphenyl	84	45-120			
p-Terphenyl-d14	117	46-133			

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SW-04-072103	**03-07-1059-7**	**07/21/03**	**Aqueous**	**07/22/03**	**07/30/03**	**030722L08**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	2.0	1		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
Nitrobenzene-d5	97	56-123			
2-Fluorobiphenyl	83	45-120			
p-Terphenyl-d14	83	46-133			

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-115-072103	**03-07-1059-8**	**07/21/03**	**Aqueous**	**07/22/03**	**07/30/03**	**030722L08**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	9.7	2.0	1		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
Nitrobenzene-d5	92	56-123			
2-Fluorobiphenyl	83	45-120			
p-Terphenyl-d14	107	46-133			

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-15-072103	**03-07-1059-9**	**07/21/03**	**Aqueous**	**07/22/03**	**07/30/03**	**030722L08**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	9.2	2.0	1		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
Nitrobenzene-d5	98	56-123			
2-Fluorobiphenyl	86	45-120			
p-Terphenyl-d14	110	46-133			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 07/22/03
Work Order No: 03-07-1059
Preparation: EPA 3520B
Method: GC/MS Isotope Dilution

Project: Beaumont / TC #13062.02

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-18-072103	**03-07-1059-10**	**07/21/03**	**Aqueous**	**07/22/03**	**07/30/03**	**030722L08**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	12	2	1		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
Nitrobenzene-d5	101	56-123			
2-Fluorobiphenyl	89	45-120			
p-Terphenyl-d14	112	46-133			

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-09-004-102**	**N/A**	**Aqueous**	**07/22/03**	**07/30/03**	**030722L08**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	2.0	1		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
Nitrobenzene-d5	81	56-123			
2-Fluorobiphenyl	65	45-120			
p-Terphenyl-d14	88	46-133			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Project: Beaumont / TC #13062.02

Date Received: 07/22/03
Work Order No: 03-07-1059
Preparation: EPA 3520B
Method: GC/MS Isotope Dilution

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-67-072103	**Aqueous**	**GC/MS P**	**07/22/03**	**07/29/03**	**030722S08**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
1,4-Dioxane	91	94	50-130	4	0-20	

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Project: Beaumont / TC #13062.02

Date Received: 07/22/03
Work Order No: 03-07-1059
Preparation: EPA 3520B
Method: GC/MS Isotope Dilution

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-09-004-102	Aqueous	GC/MS P	07/22/03	07/29/03	030722L08

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
1,4-Dioxane	88	91	50-130	4	0-20	

Calscience Environmental Laboratories, Inc.

GLOSSARY OF TERMS AND QUALIFIERS

Work Order Number: 03-07-1059

Qualifier	Definition
ND	Not detected at indicated reporting limit.

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 07/22/03
Work Order No: 03-07-1059
Preparation: N/A
Method: EPA 314.0

Project: Beaumont / TC #13062.02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-67-072103	**Aqueous**	**IC 6**	**N/A**	**07/22/03**	**030722S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Perchlorate	94	95	80-120	1	0-15	

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Project: Beaumont / TC #13062.02

Date Received: 07/22/03
Work Order No: 03-07-1059
Preparation: N/A
Method: EPA 314.0

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-05-203-63	Aqueous	IC 6	N/A	07/22/03	030722L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Perchlorate	102	100	85-115	2	0-15	

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 07/22/03
Work Order No: 03-07-1059
Preparation: EPA 5030B
Method: EPA 8260B

Project: Beaumont / TC #13062.02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
03-07-0928-2	**Aqueous**	**GC/MS T**	**N/A**	**07/22/03**	**030722S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	102	100	81-123	1	0-15	
Carbon Tetrachloride	107	105	61-133	1	0-17	
Chlorobenzene	105	104	82-124	0	0-15	
1,2-Dichlorobenzene	102	102	82-124	0	0-16	
1,1-Dichloroethene	106	104	70-136	2	0-20	
Toluene	107	105	87-123	2	0-15	
Trichloroethene	86	86	66-108	0	0-16	
Vinyl Chloride	97	98	61-133	1	0-20	
Methyl-t-Butyl Ether (MTBE)	92	91	67-127	1	0-20	
Tert-Butyl Alcohol (TBA)	77	75	20-158	3	0-41	
Diisopropyl Ether (DIPE)	96	96	71-125	0	0-16	
Ethyl-t-Butyl Ether (ETBE)	97	96	69-129	1	0-19	
Tert-Amyl-Methyl Ether (TAME)	96	95	70-124	1	0-19	
Ethanol	90	88	39-141	2	0-53	

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 07/22/03
Work Order No: 03-07-1059
Preparation: EPA 5030B
Method: EPA 8260B

Project: Beaumont / TC #13062.02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-67-072103	**Aqueous**	**GC/MS T**	**N/A**	**07/23/03**	**030722S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	106	102	81-123	4	0-15	
Carbon Tetrachloride	117	112	61-133	5	0-17	
Chlorobenzene	109	106	82-124	3	0-15	
1,2-Dichlorobenzene	107	104	82-124	3	0-16	
1,1-Dichloroethene	112	118	70-136	5	0-20	
Toluene	108	106	87-123	1	0-15	
Trichloroethene	96	87	66-108	10	0-16	
Vinyl Chloride	111	104	61-133	7	0-20	
Methyl-t-Butyl Ether (MTBE)	109	113	67-127	4	0-20	
Tert-Butyl Alcohol (TBA)	110	129	20-158	15	0-41	
Diisopropyl Ether (DIPE)	102	100	71-125	2	0-16	
Ethyl-t-Butyl Ether (ETBE)	104	103	69-129	2	0-19	
Tert-Amyl-Methyl Ether (TAME)	99	102	70-124	3	0-19	
Ethanol	96	105	39-141	9	0-53	

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 07/22/03
Work Order No: 03-07-1059
Preparation: EPA 5030B
Method: EPA 8260B

Project: Beaumont / TC #13062.02

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
03-07-0884-16	**Aqueous**	**GC/MS T**	**N/A**	**07/23/03**	**030723S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	105	105	81-123	0	0-15	
Carbon Tetrachloride	111	109	61-133	1	0-17	
Chlorobenzene	107	107	82-124	0	0-15	
1,2-Dichlorobenzene	104	104	82-124	0	0-16	
1,1-Dichloroethene	105	106	70-136	1	0-20	
Toluene	108	109	87-123	0	0-15	
Trichloroethene	88	87	66-108	1	0-16	
Vinyl Chloride	98	100	61-133	2	0-20	
Methyl-t-Butyl Ether (MTBE)	85	88	67-127	4	0-20	
Tert-Butyl Alcohol (TBA)	67	70	20-158	4	0-41	
Diisopropyl Ether (DIPE)	97	98	71-125	1	0-16	
Ethyl-t-Butyl Ether (ETBE)	96	98	69-129	2	0-19	
Tert-Amyl-Methyl Ether (TAME)	96	96	70-124	1	0-19	
Ethanol	89	87	39-141	2	0-53	

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Project: Beaumont / TC #13062.02

Date Received: 07/22/03
Work Order No: 03-07-1059
Preparation: EPA 5030B
Method: EPA 8260B

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-7,987	Aqueous	GC/MS T	N/A	07/22/03	030722L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	100	100	84-120	0	0-23	
Carbon Tetrachloride	105	106	66-132	0	0-43	
Chlorobenzene	103	104	89-119	0	0-25	
1,2-Dichlorobenzene	102	102	89-119	0	0-20	
1,1-Dichloroethene	104	104	80-128	0	0-28	
Toluene	106	105	84-126	0	0-31	
Trichloroethene	85	85	69-105	0	0-29	
Vinyl Chloride	96	98	70-124	2	0-36	
Methyl-t-Butyl Ether (MTBE)	88	92	68-134	4	0-25	
Tert-Butyl Alcohol (TBA)	76	79	48-144	4	0-25	
Diisopropyl Ether (DIPE)	95	96	79-121	1	0-27	
Ethyl-t-Butyl Ether (ETBE)	95	97	74-134	3	0-34	
Tert-Amyl-Methyl Ether (TAME)	95	97	73-127	2	0-38	
Ethanol	88	85	49-133	3	0-25	

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Project: Beaumont / TC #13062.02

Date Received: 07/22/03
Work Order No: 03-07-1059
Preparation: EPA 5030B
Method: EPA 8260B

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-7,988	Aqueous	GC/MS T	N/A	07/23/03	030722L02

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	103	103	84-120	0	0-23	
Carbon Tetrachloride	112	112	66-132	0	0-43	
Chlorobenzene	106	106	89-119	0	0-25	
1,2-Dichlorobenzene	104	105	89-119	1	0-20	
1,1-Dichloroethene	114	117	80-128	2	0-28	
Toluene	107	107	84-126	0	0-31	
Trichloroethene	87	88	69-105	1	0-29	
Vinyl Chloride	104	105	70-124	2	0-36	
Methyl-t-Butyl Ether (MTBE)	102	108	68-134	5	0-25	
Tert-Butyl Alcohol (TBA)	95	108	48-144	13	0-25	
Diisopropyl Ether (DIPE)	99	100	79-121	1	0-27	
Ethyl-t-Butyl Ether (ETBE)	98	102	74-134	4	0-34	
Tert-Amyl-Methyl Ether (TAME)	98	100	73-127	2	0-38	
Ethanol	100	105	49-133	5	0-25	

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Project: Beaumont / TC #13062.02

Date Received: 07/22/03
Work Order No: 03-07-1059
Preparation: EPA 5030B
Method: EPA 8260B

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-7,991	Aqueous	GC/MS T	N/A	07/23/03	030723L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	105	103	84-120	2	0-23	
Carbon Tetrachloride	110	109	66-132	1	0-43	
Chlorobenzene	108	108	89-119	0	0-25	
1,2-Dichlorobenzene	107	107	89-119	0	0-20	
1,1-Dichloroethene	109	106	80-128	2	0-28	
Toluene	110	110	84-126	1	0-31	
Trichloroethene	91	89	69-105	3	0-29	
Vinyl Chloride	99	96	70-124	3	0-36	
Methyl-t-Butyl Ether (MTBE)	93	95	68-134	1	0-25	
Tert-Butyl Alcohol (TBA)	82	84	48-144	2	0-25	
Diisopropyl Ether (DIPE)	99	99	79-121	0	0-27	
Ethyl-t-Butyl Ether (ETBE)	100	100	74-134	0	0-34	
Tert-Amyl-Methyl Ether (TAME)	100	99	73-127	1	0-38	
Ethanol	93	90	49-133	4	0-25	

Calscience Environmental Laboratories, Inc.

GLOSSARY OF TERMS AND QUALIFIERS

Work Order Number: 03-07-1059

Qualifier	Definition
ND	Not detected at indicated reporting limit.

7440 Lincoln Way, Garden Grove, CA 92841-1432 • TEL: (714) 895-5494 • FAX: (714) 894-7501

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 03 - 07 - 1059

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: TetraTech DATE: 7/22/03

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

- _____ Chilled. cooler with temperature blank provided.
- _____ Chilled, cooler without temperature blank.
- ✓ Chilled and placed in cooler with wet ice.
- _____ Ambient and placed in cooler with wet ice.
- _____ Ambient temperature.

2 °C Temperature blank.

LABORATORY (Other than Calscience Courier):

- _____ °C Temperature blank.
- _____ °C IR thermometer.
- _____ Ambient temperature.

Initial: HH

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Applicable (N/A): ✓

Initial: HH

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sample container label(s) consistent with custody papers	~~✓~~ Ea	✓	
Sample container(s) intact and good condition	✓		
Correct containers for analyses requested	✓		
Proper preservation noted on sample label(s)	✓		
VOA vial(s) free of headspace.	✓		
Tedlar bag(s) free of condensation			✓

Initial: HH

COMMENTS:

7 containers received for Sample #3.

Ea

(01-1057)

CHAIN OF CUSTODY RECORD

TETRA TECH, INC.
348 W. Hospitality Lane, Suite 100
San Bernardino, California 92408
Telephone: (909) 381-1674
FAX: (909) 889-1391

SHIP TO: CALSCIENCE ENV. LAB INC
7440 LINCOLN WAY
GARDEN GROVE, CA 92841

DATE 7/21/03 PAGE 1 OF 1

CLIENT: LOCKHEED
PROJECT NAME: BEAUMONT
PROJECT MANAGER: T. VILLENEUVE
TC #: 13062-02
SAMPLERS (Signatures)

LINE ITEM	SAMPLE NO.	DATE	TIME	8260+MTBE	1,4-D: oxane	Perchlorate	FILTERED/UNFILTERED	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	PRESERVATIVE	TURN-AROUND TIME: Standard / OBSERVATIONS/COMMENTS
1.	LTB-072103	7/21/03	10:30	X			U	W	G	2	HCl	Stored in TE Sample Frig overnight
2.	LEB-072103-P		10:35	X	X	X	U	W	P	5	HCl $Na_2S_2O_3$	
3.	MW-67-072103		11:45	X	X	X						
4.	SW-05-072103		11:30	X	X	X						*MW67 needs MS/MSD *
5.	SW-06-072103		11:55	X	X	X						
6.	SW-07-072103		13:15	X	X	X						
7.	SW-04-072103		13:50	X	X	X						
8.	MW-115-072103		14:10	X	X	X						
9.	MW-16-072103		14:53	X	X	X						
10.	MW-18-072103		15:41	X	X	X						

FILTERING: ☐ FILTERED ☐ UNFILTERED

MATRIX TYPE: S - Soil; M - Sediment; W - Water

CONTAINER TYPE: G - Glass Bottle/Jar; SS - Stainless Steel Sleeve; SB - Brass Sleeve; P - Plastic Bottle/Jar

PRESERVATIVES: (Water Only) HCL; NR (None required); NaOH; H_2SO_4

RELINQUISHED BY	SIGNATURE		DATE	TIME	TOTAL NUMBER OF CONTAINERS ON THIS CHAIN OF CUSTODY:
MARY DIESEL	Mary Diesel	TETRA TECH, INC.	7/21/03	5:00 PM	17
RECEIVED BY: Ben Weink		COMPANY: Tetra Tech	DATE: 7/22/03	TIME: 11:00 AM	METHOD OF SHIPMENT/SHIPMENT NO.: Courier
RELINQUISHED BY: Howard Gabriel		COMPANY: Cal Science	DATE: 7/22/03	TIME: 11.05 AM	Special Shipping/Handling/Storage Requirements:
RECEIVED BY: relinquished by Howard Gabriel		COMPANY: CALSCIENCE	DATE: 7/22/03	TIME: 12:25 PM	

DISTRIBUTION: White and Pink = Tetra Tech, Inc. Canary = Laboratory

Received By: 7/22/03 12:25 pm

X:\GIS\ATT-MISC\COCR.CDR

Calscience
Environmental
Laboratories, Inc.

RECEIVED
AUG 20 2003
F2209
TETRA TECH, INC.-SBC

August 05, 2003

Thomas Villenueve
Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Subject: **Calscience Work Order No.: 03-07-1139**
Client Reference: Lockheed Beaumont/13062

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 7/23/2003 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The original report of any subcontracted analysis is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Marycarol Valenzuela
Project Manager

Michael J. Crisostomo
Quality Assurance Manager

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 07/23/03
Work Order No: 03-07-1139
Preparation: N/A
Method: EPA 314.0

Project: Lockheed Beaumont/13062

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
LEB-072203-P	03-07-1139-2	07/22/03	Aqueous	N/A	07/23/03	030723L01

Parameter	Result	RL	DF	Qual	Units
Perchlorate	ND	2.0	1		ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
LEB-072203-B	03-07-1139-3	07/22/03	Aqueous	N/A	07/23/03	030723L01

Parameter	Result	RL	DF	Qual	Units
Perchlorate	ND	2.0	1		ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SW-03-072203	03-07-1139-4	07/22/03	Aqueous	N/A	07/23/03	030723L01

Parameter	Result	RL	DF	Qual	Units
Perchlorate	8.4	2.0	1		ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-45-072203	03-07-1139-5	07/22/03	Aqueous	N/A	07/24/03	030723L01

Parameter	Result	RL	DF	Qual	Units
Perchlorate	320	100	50	D	ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-145-072203	03-07-1139-6	07/22/03	Aqueous	N/A	07/24/03	030723L01

Parameter	Result	RL	DF	Qual	Units
Perchlorate	250	100	50	D	ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-43-072203	03-07-1139-7	07/22/03	Aqueous	N/A	07/24/03	030723L01

Parameter	Result	RL	DF	Qual	Units
Perchlorate	110	40	20	D	ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-47-072203	03-07-1139-8	07/22/03	Aqueous	N/A	07/23/03	030723L01

Parameter	Result	RL	DF	Qual	Units
Perchlorate	16	2	1		ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-48-072203	03-07-1139-9	07/22/03	Aqueous	N/A	07/23/03	030723L01

Parameter	Result	RL	DF	Qual	Units
Perchlorate	ND	2.0	1		ug/L

RL - Reporting Limit . DF - Dilution Factor . Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 07/23/03
Work Order No: 03-07-1139
Preparation: N/A
Method: EPA 314.0

Project: Lockheed Beaumont/13062

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SW-02-072203	**03-07-1139-10**	**07/22/03**	**Aqueous**	**N/A**	**07/23/03**	**030723L01**

Parameter	Result	RL	DF	Qual	Units
Perchlorate	30	2	1		ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SW-01-072203	**03-07-1139-11**	**07/22/03**	**Aqueous**	**N/A**	**07/23/03**	**030723L01**

Parameter	Result	RL	DF	Qual	Units
Perchlorate	6.9	2.0	1		ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OW-02-072203	**03-07-1139-12**	**07/22/03**	**Aqueous**	**N/A**	**07/24/03**	**030723L01**

Parameter	Result	RL	DF	Qual	Units
Perchlorate	420	100	50	D	ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-08-072203	**03-07-1139-13**	**07/22/03**	**Aqueous**	**N/A**	**07/24/03**	**030723L01**

Parameter	Result	RL	DF	Qual	Units
Perchlorate	450	100	50	D	ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-09-072203	**03-07-1139-14**	**07/22/03**	**Aqueous**	**N/A**	**07/23/03**	**030723L01**

Parameter	Result	RL	DF	Qual	Units
Perchlorate	ND	2.0	1		ug/L

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-05-203-64**	**N/A**	**Aqueous**	**N/A**	**07/23/03**	**030723L01**

Parameter	Result	RL	DF	Qual	Units
Perchlorate	ND	2.0	1		ug/L

RL - Reporting Limit DF - Dilution Factor Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 07/23/03
Work Order No: 03-07-1139
Preparation: EPA 5030B
Method: EPA 8260B

Project: Lockheed Beaumont/13062

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
LTB-072203	03-07-1139-1	07/22/03	Aqueous	N/A	07/24/03	030723L02

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Acetone	ND	10	1		ug/L	1,3-Dichloropropane	ND	1.0	1		ug/L
Benzene	ND	0.50	1		ug/L	2,2-Dichloropropane	ND	1.0	1		ug/L
Bromobenzene	ND	1.0	1		ug/L	1,1-Dichloropropene	ND	1.0	1		ug/L
Bromochloromethane	ND	1.0	1		ug/L	c-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromodichloromethane	ND	1.0	1		ug/L	t-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromoform	ND	1.0	1		ug/L	Ethylbenzene	ND	1.0	1		ug/L
Bromomethane	ND	10	1		ug/L	2-Hexanone	ND	10	1		ug/L
2-Butanone	ND	10	1		ug/L	Isopropylbenzene	ND	1.0	1		ug/L
n-Butylbenzene	ND	1.0	1		ug/L	p-Isopropyltoluene	ND	1.0	1		ug/L
sec-Butylbenzene	ND	1.0	1		ug/L	Methylene Chloride	ND	10	1		ug/L
tert-Butylbenzene	ND	1.0	1		ug/L	4-Methyl-2-Pentanone	ND	10	1		ug/L
Carbon Disulfide	ND	10	1		ug/L	Naphthalene	ND	10	1		ug/L
Carbon Tetrachloride	ND	0.50	1		ug/L	n-Propylbenzene	ND	1.0	1		ug/L
Chlorobenzene	ND	1.0	1		ug/L	Styrene	ND	1.0	1		ug/L
Chloroethane	ND	1.0	1		ug/L	1,1,1,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloroform	ND	1.0	1		ug/L	1,1,2,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloromethane	ND	10	1		ug/L	Tetrachloroethene	ND	1.0	1		ug/L
2-Chlorotoluene	ND	1.0	1		ug/L	Toluene	ND	1.0	1		ug/L
4-Chlorotoluene	ND	1.0	1		ug/L	1,2,3-Trichlorobenzene	ND	1.0	1		ug/L
Dibromochloromethane	ND	1.0	1		ug/L	1,2,4-Trichlorobenzene	ND	1.0	1		ug/L
1,2-Dibromo-3-Chloropropane	ND	5.0	1		ug/L	1,1,1-Trichloroethane	ND	1.0	1		ug/L
1,2-Dibromoethane	ND	1.0	1		ug/L	1,1,2-Trichloroethane	ND	1.0	1		ug/L
Dibromomethane	ND	1.0	1		ug/L	Trichloroethene	ND	1.0	1		ug/L
1,2-Dichlorobenzene	ND	1.0	1		ug/L	Trichlorofluoromethane	ND	10	1		ug/L
1,3-Dichlorobenzene	ND	1.0	1		ug/L	1,2,3-Trichloropropane	ND	5.0	1		ug/L
1,4-Dichlorobenzene	ND	1.0	1		ug/L	1,2,4-Trimethylbenzene	ND	1.0	1		ug/L
Dichlorodifluoromethane	ND	1.0	1		ug/L	1,3,5-Trimethylbenzene	ND	1.0	1		ug/L
1,1-Dichloroethane	ND	1.0	1		ug/L	Vinyl Acetate	ND	10	1		ug/L
1,2-Dichloroethane	ND	0.50	1		ug/L	Vinyl Chloride	ND	0.50	1		ug/L
1,1-Dichloroethene	ND	1.0	1		ug/L	p/m-Xylene	ND	1.0	1		ug/L
c-1,2-Dichloroethene	ND	1.0	1		ug/L	o-Xylene	ND	1.0	1		ug/L
t-1,2-Dichloroethene	ND	1.0	1		ug/L	Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		ug/L
1,2-Dichloropropane	ND	1.0	1		ug/L						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	103	86-118		Toluene-d8	104	88-110	
1,4-Bromofluorobenzene	91	86-115					

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 07/23/03
Work Order No: 03-07-1139
Preparation: EPA 5030B
Method: EPA 8260B

Project: Lockheed Beaumont/13062

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
LEB-072203-P	**03-07-1139-2**	**07/22/03**	**Aqueous**	**N/A**	**07/24/03**	**030723L02**

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Acetone	ND	10	1		ug/L	1,3-Dichloropropane	ND	1.0	1		ug/L
Benzene	ND	0.50	1		ug/L	2,2-Dichloropropane	ND	1.0	1		ug/L
Bromobenzene	ND	1.0	1		ug/L	1,1-Dichloropropene	ND	1.0	1		ug/L
Bromochloromethane	ND	1.0	1		ug/L	c-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromodichloromethane	ND	1.0	1		ug/L	t-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromoform	ND	1.0	1		ug/L	Ethylbenzene	ND	1.0	1		ug/L
Bromomethane	ND	10	1		ug/L	2-Hexanone	ND	10	1		ug/L
2-Butanone	ND	10	1		ug/L	Isopropylbenzene	ND	1.0	1		ug/L
n-Butylbenzene	ND	1.0	1		ug/L	p-Isopropyltoluene	ND	1.0	1		ug/L
sec-Butylbenzene	ND	1.0	1		ug/L	Methylene Chloride	ND	10	1		ug/L
tert-Butylbenzene	ND	1.0	1		ug/L	4-Methyl-2-Pentanone	ND	10	1		ug/L
Carbon Disulfide	ND	10	1		ug/L	Naphthalene	ND	10	1		ug/L
Carbon Tetrachloride	ND	0.50	1		ug/L	n-Propylbenzene	ND	1.0	1		ug/L
Chlorobenzene	ND	1.0	1		ug/L	Styrene	ND	1.0	1		ug/L
Chloroethane	ND	1.0	1		ug/L	1,1,1,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloroform	ND	1.0	1		ug/L	1,1,2,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloromethane	ND	10	1		ug/L	Tetrachloroethene	ND	1.0	1		ug/L
2-Chlorotoluene	ND	1.0	1		ug/L	Toluene	ND	1.0	1		ug/L
4-Chlorotoluene	ND	1.0	1		ug/L	1,2,3-Trichlorobenzene	ND	1.0	1		ug/L
Dibromochloromethane	ND	1.0	1		ug/L	1,2,4-Trichlorobenzene	ND	1.0	1		ug/L
1,2-Dibromo-3-Chloropropane	ND	5.0	1		ug/L	1,1,1-Trichloroethane	ND	1.0	1		ug/L
1,2-Dibromoethane	ND	1.0	1		ug/L	1,1,2-Trichloroethane	ND	1.0	1		ug/L
Dibromomethane	ND	1.0	1		ug/L	Trichloroethene	ND	1.0	1		ug/L
1,2-Dichlorobenzene	ND	1.0	1		ug/L	Trichlorofluoromethane	ND	10	1		ug/L
1,3-Dichlorobenzene	ND	1.0	1		ug/L	1,2,3-Trichloropropane	ND	5.0	1		ug/L
1,4-Dichlorobenzene	ND	1.0	1		ug/L	1,2,4-Trimethylbenzene	ND	1.0	1		ug/L
Dichlorodifluoromethane	ND	1.0	1		ug/L	1,3,5-Trimethylbenzene	ND	1.0	1		ug/L
1,1-Dichloroethane	ND	1.0	1		ug/L	Vinyl Acetate	ND	10	1		ug/L
1,2-Dichloroethane	ND	0.50	1		ug/L	Vinyl Chloride	ND	0.50	1		ug/L
1,1-Dichloroethene	ND	1.0	1		ug/L	p/m-Xylene	ND	1.0	1		ug/L
c-1,2-Dichloroethene	ND	1.0	1		ug/L	o-Xylene	ND	1.0	1		ug/L
t-1,2-Dichloroethene	ND	1.0	1		ug/L	Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		ug/L
1,2-Dichloropropane	ND	1.0	1		ug/L						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	105	86-118		Toluene-d8	105	88-110	
1,4-Bromofluorobenzene	93	86-115					

RL - Reporting Limit . DF - Dilution Factor . Qual - Qualifiers

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 07/23/03
Work Order No: 03-07-1139
Preparation: EPA 5030B
Method: EPA 8260B

Project: Lockheed Beaumont/13062

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
LEB-072203-B	**03-07-1139-3**	**07/22/03**	**Aqueous**	**N/A**	**07/24/03**	**030723L02**

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Acetone	ND	10	1		ug/L	1,3-Dichloropropane	ND	1.0	1		ug/L
Benzene	ND	0.50	1		ug/L	2,2-Dichloropropane	ND	1.0	1		ug/L
Bromobenzene	ND	1.0	1		ug/L	1,1-Dichloropropene	ND	1.0	1		ug/L
Bromochloromethane	ND	1.0	1		ug/L	c-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromodichloromethane	ND	1.0	1		ug/L	t-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromoform	ND	1.0	1		ug/L	Ethylbenzene	ND	1.0	1		ug/L
Bromomethane	ND	10	1		ug/L	2-Hexanone	ND	10	1		ug/L
2-Butanone	ND	10	1		ug/L	Isopropylbenzene	ND	1.0	1		ug/L
n-Butylbenzene	ND	1.0	1		ug/L	p-Isopropyltoluene	ND	1.0	1		ug/L
sec-Butylbenzene	ND	1.0	1		ug/L	Methylene Chloride	ND	10	1		ug/L
tert-Butylbenzene	ND	1.0	1		ug/L	4-Methyl-2-Pentanone	ND	10	1		ug/L
Carbon Disulfide	ND	10	1		ug/L	Naphthalene	ND	10	1		ug/L
Carbon Tetrachloride	ND	0.50	1		ug/L	n-Propylbenzene	ND	1.0	1		ug/L
Chlorobenzene	ND	1.0	1		ug/L	Styrene	ND	1.0	1		ug/L
Chloroethane	ND	1.0	1		ug/L	1,1,1,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloroform	ND	1.0	1		ug/L	1,1,2,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloromethane	ND	10	1		ug/L	Tetrachloroethene	ND	1.0	1		ug/L
2-Chlorotoluene	ND	1.0	1		ug/L	Toluene	ND	1.0	1		ug/L
4-Chlorotoluene	ND	1.0	1		ug/L	1,2,3-Trichlorobenzene	ND	1.0	1		ug/L
Dibromochloromethane	ND	1.0	1		ug/L	1,2,4-Trichlorobenzene	ND	1.0	1		ug/L
1,2-Dibromo-3-Chloropropane	ND	5.0	1		ug/L	1,1,1-Trichloroethane	ND	1.0	1		ug/L
1,2-Dibromoethane	ND	1.0	1		ug/L	1,1,2-Trichloroethane	ND	1.0	1		ug/L
Dibromomethane	ND	1.0	1		ug/L	Trichloroethene	ND	1.0	1		ug/L
1,2-Dichlorobenzene	ND	1.0	1		ug/L	Trichlorofluoromethane	ND	10	1		ug/L
1,3-Dichlorobenzene	ND	1.0	1		ug/L	1,2,3-Trichloropropane	ND	5.0	1		ug/L
1,4-Dichlorobenzene	ND	1.0	1		ug/L	1,2,4-Trimethylbenzene	ND	1.0	1		ug/L
Dichlorodifluoromethane	ND	1.0	1		ug/L	1,3,5-Trimethylbenzene	ND	1.0	1		ug/L
1,1-Dichloroethane	ND	1.0	1		ug/L	Vinyl Acetate	ND	10	1		ug/L
1,2-Dichloroethane	ND	0.50	1		ug/L	Vinyl Chloride	ND	0.50	1		ug/L
1,1-Dichloroethene	ND	1.0	1		ug/L	p/m-Xylene	ND	1.0	1		ug/L
c-1,2-Dichloroethene	ND	1.0	1		ug/L	o-Xylene	ND	1.0	1		ug/L
t-1,2-Dichloroethene	ND	1.0	1		ug/L	Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		ug/L
1,2-Dichloropropane	ND	1.0	1		ug/L						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control	Qual
Dibromofluoromethane	108	86-118		Toluene-d8	106	88-110	
1,4-Bromofluorobenzene	92	86-115					

RL - Reporting Limit . DF - Dilution Factor . Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 07/23/03
Work Order No: 03-07-1139
Preparation: EPA 5030B
Method: EPA 8260B

Project: Lockheed Beaumont/13062

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SW-03-072203	**03-07-1139-4**	**07/22/03**	**Aqueous**	**N/A**	**07/24/03**	**030723L02**

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Acetone	11	10	1		ug/L	1,3-Dichloropropane	ND	1.0	1		ug/L
Benzene	ND	0.50	1		ug/L	2,2-Dichloropropane	ND	1.0	1		ug/L
Bromobenzene	ND	1.0	1		ug/L	1,1-Dichloropropene	ND	1.0	1		ug/L
Bromochloromethane	ND	1.0	1		ug/L	c-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromodichloromethane	ND	1.0	1		ug/L	t-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromoform	ND	1.0	1		ug/L	Ethylbenzene	ND	1.0	1		ug/L
Bromomethane	ND	10	1		ug/L	2-Hexanone	ND	10	1		ug/L
2-Butanone	ND	10	1		ug/L	Isopropylbenzene	ND	1.0	1		ug/L
n-Butylbenzene	ND	1.0	1		ug/L	p-Isopropyltoluene	ND	1.0	1		ug/L
sec-Butylbenzene	ND	1.0	1		ug/L	Methylene Chloride	ND	10	1		ug/L
tert-Butylbenzene	ND	1.0	1		ug/L	4-Methyl-2-Pentanone	ND	10	1		ug/L
Carbon Disulfide	ND	10	1		ug/L	Naphthalene	ND	10	1		ug/L
Carbon Tetrachloride	ND	0.50	1		ug/L	n-Propylbenzene	ND	1.0	1		ug/L
Chlorobenzene	ND	1.0	1		ug/L	Styrene	ND	1.0	1		ug/L
Chloroethane	ND	1.0	1		ug/L	1,1,1,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloroform	ND	1.0	1		ug/L	1,1,2,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloromethane	ND	10	1		ug/L	Tetrachloroethene	ND	1.0	1		ug/L
2-Chlorotoluene	ND	1.0	1		ug/L	Toluene	3.0	1.0	1		ug/L
4-Chlorotoluene	ND	1.0	1		ug/L	1,2,3-Trichlorobenzene	ND	1.0	1		ug/L
Dibromochloromethane	ND	1.0	1		ug/L	1,2,4-Trichlorobenzene	ND	1.0	1		ug/L
1,2-Dibromo-3-Chloropropane	ND	5.0	1		ug/L	1,1,1-Trichloroethane	ND	1.0	1		ug/L
1,2-Dibromoethane	ND	1.0	1		ug/L	1,1,2-Trichloroethane	ND	1.0	1		ug/L
Dibromomethane	ND	1.0	1		ug/L	Trichloroethene	ND	1.0	1		ug/L
1,2-Dichlorobenzene	ND	1.0	1		ug/L	Trichlorofluoromethane	ND	10	1		ug/L
1,3-Dichlorobenzene	ND	1.0	1		ug/L	1,2,3-Trichloropropane	ND	5.0	1		ug/L
1,4-Dichlorobenzene	ND	1.0	1		ug/L	1,2,4-Trimethylbenzene	ND	1.0	1		ug/L
Dichlorodifluoromethane	ND	1.0	1		ug/L	1,3,5-Trimethylbenzene	ND	1.0	1		ug/L
1,1-Dichloroethane	ND	1.0	1		ug/L	Vinyl Acetate	ND	10	1		ug/L
1,2-Dichloroethane	ND	0.50	1		ug/L	Vinyl Chloride	ND	0.50	1		ug/L
1,1-Dichloroethene	ND	1.0	1		ug/L	p/m-Xylene	ND	1.0	1		ug/L
c-1,2-Dichloroethene	ND	1.0	1		ug/L	o-Xylene	ND	1.0	1		ug/L
t-1,2-Dichloroethene	ND	1.0	1		ug/L	Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		ug/L
1,2-Dichloropropane	ND	1.0	1		ug/L						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	107	86-118		Toluene-d8	106	88-110	
1,4-Bromofluorobenzene	92	86-115					

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 07/23/03
Work Order No: 03-07-1139
Preparation: EPA 5030B
Method: EPA 8260B

Project: Lockheed Beaumont/13062

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-45-072203	**03-07-1139-5**	**07/22/03**	**Aqueous**	**N/A**	**07/24/03**	**030723L02**

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Acetone	ND	10	1		ug/L	1,3-Dichloropropane	ND	1.0	1		ug/L
Benzene	ND	0.50	1		ug/L	2,2-Dichloropropane	ND	1.0	1		ug/L
Bromobenzene	ND	1.0	1		ug/L	1,1-Dichloropropene	ND	1.0	1		ug/L
Bromochloromethane	ND	1.0	1		ug/L	c-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromodichloromethane	ND	1.0	1		ug/L	t-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromoform	ND	1.0	1		ug/L	Ethylbenzene	ND	1.0	1		ug/L
Bromomethane	ND	10	1		ug/L	2-Hexanone	ND	10	1		ug/L
2-Butanone	ND	10	1		ug/L	Isopropylbenzene	ND	1.0	1		ug/L
n-Butylbenzene	ND	1.0	1		ug/L	p-Isopropyltoluene	ND	1.0	1		ug/L
sec-Butylbenzene	ND	1.0	1		ug/L	Methylene Chloride	ND	10	1		ug/L
tert-Butylbenzene	ND	1.0	1		ug/L	4-Methyl-2-Pentanone	ND	10	1		ug/L
Carbon Disulfide	ND	10	1		ug/L	Naphthalene	ND	10	1		ug/L
Carbon Tetrachloride	ND	0.50	1		ug/L	n-Propylbenzene	ND	1.0	1		ug/L
Chlorobenzene	ND	1.0	1		ug/L	Styrene	ND	1.0	1		ug/L
Chloroethane	ND	1.0	1		ug/L	1,1,1,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloroform	ND	1.0	1		ug/L	1,1,2,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloromethane	ND	10	1		ug/L	Tetrachloroethene	ND	1.0	1		ug/L
2-Chlorotoluene	ND	1.0	1		ug/L	Toluene	ND	1.0	1		ug/L
4-Chlorotoluene	ND	1.0	1		ug/L	1,2,3-Trichlorobenzene	ND	1.0	1		ug/L
Dibromochloromethane	ND	1.0	1		ug/L	1,2,4-Trichlorobenzene	ND	1.0	1		ug/L
1,2-Dibromo-3-Chloropropane	ND	5.0	1		ug/L	1,1,1-Trichloroethane	ND	1.0	1		ug/L
1,2-Dibromoethane	ND	1.0	1		ug/L	1,1,2-Trichloroethane	ND	1.0	1		ug/L
Dibromomethane	ND	1.0	1		ug/L	Trichloroethene	11	1	1		ug/L
1,2-Dichlorobenzene	ND	1.0	1		ug/L	Trichlorofluoromethane	ND	10	1		ug/L
1,3-Dichlorobenzene	ND	1.0	1		ug/L	1,2,3-Trichloropropane	ND	5.0	1		ug/L
1,4-Dichlorobenzene	ND	1.0	1		ug/L	1,2,4-Trimethylbenzene	ND	1.0	1		ug/L
Dichlorodifluoromethane	ND	1.0	1		ug/L	1,3,5-Trimethylbenzene	ND	1.0	1		ug/L
1,1-Dichloroethane	ND	1.0	1		ug/L	Vinyl Acetate	ND	10	1		ug/L
1,2-Dichloroethane	ND	0.50	1		ug/L	Vinyl Chloride	ND	0.50	1		ug/L
1,1-Dichloroethene	9.2	1.0	1		ug/L	p/m-Xylene	ND	1.0	1		ug/L
c-1,2-Dichloroethene	ND	1.0	1		ug/L	o-Xylene	ND	1.0	1		ug/L
t-1,2-Dichloroethene	ND	1.0	1		ug/L	Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		ug/L
1,2-Dichloropropane	ND	1.0	1		ug/L						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	108	86-118		Toluene-d8	104	88-110	
1,4-Bromofluorobenzene	90	86-115					

RL - Reporting Limit DF - Dilution Factor Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 07/23/03
Work Order No: 03-07-1139
Preparation: EPA 5030B
Method: EPA 8260B

Project: Lockheed Beaumont/13062

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-145-072203	**03-07-1139-6**	**07/22/03**	**Aqueous**	**N/A**	**07/24/03**	**030723L02**

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Acetone	ND	10	1		ug/L	1,3-Dichloropropane	ND	1.0	1		ug/L
Benzene	ND	0.50	1		ug/L	2,2-Dichloropropane	ND	1.0	1		ug/L
Bromobenzene	ND	1.0	1		ug/L	1,1-Dichloropropene	ND	1.0	1		ug/L
Bromochloromethane	ND	1.0	1		ug/L	c-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromodichloromethane	ND	1.0	1		ug/L	t-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromoform	ND	1.0	1		ug/L	Ethylbenzene	ND	1.0	1		ug/L
Bromomethane	ND	10	1		ug/L	2-Hexanone	ND	10	1		ug/L
2-Butanone	ND	10	1		ug/L	Isopropylbenzene	ND	1.0	1		ug/L
n-Butylbenzene	ND	1.0	1		ug/L	p-Isopropyltoluene	ND	1.0	1		ug/L
sec-Butylbenzene	ND	1.0	1		ug/L	Methylene Chloride	ND	10	1		ug/L
tert-Butylbenzene	ND	1.0	1		ug/L	4-Methyl-2-Pentanone	ND	10	1		ug/L
Carbon Disulfide	ND	10	1		ug/L	Naphthalene	ND	10	1		ug/L
Carbon Tetrachloride	ND	0.50	1		ug/L	n-Propylbenzene	ND	1.0	1		ug/L
Chlorobenzene	ND	1.0	1		ug/L	Styrene	ND	1.0	1		ug/L
Chloroethane	ND	1.0	1		ug/L	1,1,1,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloroform	ND	1.0	1		ug/L	1,1,2,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloromethane	ND	10	1		ug/L	Tetrachloroethene	ND	1.0	1		ug/L
2-Chlorotoluene	ND	1.0	1		ug/L	Toluene	ND	1.0	1		ug/L
4-Chlorotoluene	ND	1.0	1		ug/L	1,2,3-Trichlorobenzene	ND	1.0	1		ug/L
Dibromochloromethane	ND	1.0	1		ug/L	1,2,4-Trichlorobenzene	ND	1.0	1		ug/L
1,2-Dibromo-3-Chloropropane	ND	5.0	1		ug/L	1,1,1-Trichloroethane	ND	1.0	1		ug/L
1,2-Dibromoethane	ND	1.0	1		ug/L	1,1,2-Trichloroethane	ND	1.0	1		ug/L
Dibromomethane	ND	1.0	1		ug/L	Trichloroethene	9.9	1.0	1		ug/L
1,2-Dichlorobenzene	ND	1.0	1		ug/L	Trichlorofluoromethane	ND	10	1		ug/L
1,3-Dichlorobenzene	ND	1.0	1		ug/L	1,2,3-Trichloropropane	ND	5.0	1		ug/L
1,4-Dichlorobenzene	ND	1.0	1		ug/L	1,2,4-Trimethylbenzene	ND	1.0	1		ug/L
Dichlorodifluoromethane	ND	1.0	1		ug/L	1,3,5-Trimethylbenzene	ND	1.0	1		ug/L
1,1-Dichloroethane	ND	1.0	1		ug/L	Vinyl Acetate	ND	10	1		ug/L
1,2-Dichloroethane	ND	0.50	1		ug/L	Vinyl Chloride	ND	0.50	1		ug/L
1,1-Dichloroethene	8.6	1.0	1		ug/L	p/m-Xylene	ND	1.0	1		ug/L
c-1,2-Dichloroethene	ND	1.0	1		ug/L	o-Xylene	ND	1.0	1		ug/L
t-1,2-Dichloroethene	ND	1.0	1		ug/L	Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		ug/L
1,2-Dichloropropane	ND	1.0	1		ug/L						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control	Qual
Dibromofluoromethane	110	86-118		Toluene-d8	106	88-110	
1,4-Bromofluorobenzene	92	86-115					

RL - Reporting Limit . DF - Dilution Factor . Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 07/23/03
Work Order No: 03-07-1139
Preparation: EPA 5030B
Method: EPA 8260B

Project: Lockheed Beaumont/13062

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-43-072203	**03-07-1139-7**	**07/22/03**	**Aqueous**	**N/A**	**07/24/03**	**030723L02**

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Acetone	ND	10	1		ug/L	1,3-Dichloropropane	ND	1.0	1		ug/L
Benzene	ND	0.50	1		ug/L	2,2-Dichloropropane	ND	1.0	1		ug/L
Bromobenzene	ND	1.0	1		ug/L	1,1-Dichloropropene	ND	1.0	1		ug/L
Bromochloromethane	ND	1.0	1		ug/L	c-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromodichloromethane	ND	1.0	1		ug/L	t-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromoform	ND	1.0	1		ug/L	Ethylbenzene	ND	1.0	1		ug/L
Bromomethane	ND	10	1		ug/L	2-Hexanone	ND	10	1		ug/L
2-Butanone	ND	10	1		ug/L	Isopropylbenzene	ND	1.0	1		ug/L
n-Butylbenzene	ND	1.0	1		ug/L	p-Isopropyltoluene	ND	1.0	1		ug/L
sec-Butylbenzene	ND	1.0	1		ug/L	Methylene Chloride	ND	10	1		ug/L
tert-Butylbenzene	ND	1.0	1		ug/L	4-Methyl-2-Pentanone	ND	10	1		ug/L
Carbon Disulfide	ND	10	1		ug/L	Naphthalene	ND	10	1		ug/L
Carbon Tetrachloride	ND	0.50	1		ug/L	n-Propylbenzene	ND	1.0	1		ug/L
Chlorobenzene	ND	1.0	1		ug/L	Styrene	ND	1.0	1		ug/L
Chloroethane	ND	1.0	1		ug/L	1,1,1,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloroform	ND	1.0	1		ug/L	1,1,2,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloromethane	ND	10	1		ug/L	Tetrachloroethene	ND	1.0	1		ug/L
2-Chlorotoluene	ND	1.0	1		ug/L	Toluene	ND	1.0	1		ug/L
4-Chlorotoluene	ND	1.0	1		ug/L	1,2,3-Trichlorobenzene	ND	1.0	1		ug/L
Dibromochloromethane	ND	1.0	1		ug/L	1,2,4-Trichlorobenzene	ND	1.0	1		ug/L
1,2-Dibromo-3-Chloropropane	ND	5.0	1		ug/L	1,1,1-Trichloroethane	ND	1.0	1		ug/L
1,2-Dibromoethane	ND	1.0	1		ug/L	1,1,2-Trichloroethane	ND	1.0	1		ug/L
Dibromomethane	ND	1.0	1		ug/L	Trichloroethene	5.6	1.0	1		ug/L
1,2-Dichlorobenzene	ND	1.0	1		ug/L	Trichlorofluoromethane	ND	10	1		ug/L
1,3-Dichlorobenzene	ND	1.0	1		ug/L	1,2,3-Trichloropropane	ND	5.0	1		ug/L
1,4-Dichlorobenzene	ND	1.0	1		ug/L	1,2,4-Trimethylbenzene	ND	1.0	1		ug/L
Dichlorodifluoromethane	ND	1.0	1		ug/L	1,3,5-Trimethylbenzene	ND	1.0	1		ug/L
1,1-Dichloroethane	ND	1.0	1		ug/L	Vinyl Acetate	ND	10	1		ug/L
1,2-Dichloroethane	ND	0.50	1		ug/L	Vinyl Chloride	ND	0.50	1		ug/L
1,1-Dichloroethene	6.2	1.0	1		ug/L	p/m-Xylene	ND	1.0	1		ug/L
c-1,2-Dichloroethene	ND	1.0	1		ug/L	o-Xylene	ND	1.0	1		ug/L
t-1,2-Dichloroethene	ND	1.0	1		ug/L	Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		ug/L
1,2-Dichloropropane	ND	1.0	1		ug/L						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control	Qual
Dibromofluoromethane	110	86-118		Toluene-d8	106	88-110	
1,4-Bromofluorobenzene	91	86-115					

RL - Reporting Limit . DF - Dilution Factor . Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 07/23/03
Work Order No: 03-07-1139
Preparation: EPA 5030B
Method: EPA 8260B

Project: Lockheed Beaumont/13062

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-47-072203	03-07-1139-8	07/22/03	Aqueous	N/A	07/24/03	030723L02

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Acetone	ND	10	1		ug/L	1,3-Dichloropropane	ND	1.0	1		ug/L
Benzene	ND	0.50	1		ug/L	2,2-Dichloropropane	ND	1.0	1		ug/L
Bromobenzene	ND	1.0	1		ug/L	1,1-Dichloropropene	ND	1.0	1		ug/L
Bromochloromethane	ND	1.0	1		ug/L	c-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromodichloromethane	ND	1.0	1		ug/L	t-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromoform	ND	1.0	1		ug/L	Ethylbenzene	ND	1.0	1		ug/L
Bromomethane	ND	10	1		ug/L	2-Hexanone	ND	10	1		ug/L
2-Butanone	ND	10	1		ug/L	Isopropylbenzene	ND	1.0	1		ug/L
n-Butylbenzene	ND	1.0	1		ug/L	p-Isopropyltoluene	ND	1.0	1		ug/L
sec-Butylbenzene	ND	1.0	1		ug/L	Methylene Chloride	ND	10	1		ug/L
tert-Butylbenzene	ND	1.0	1		ug/L	4-Methyl-2-Pentanone	ND	10	1		ug/L
Carbon Disulfide	ND	10	1		ug/L	Naphthalene	ND	10	1		ug/L
Carbon Tetrachloride	ND	0.50	1		ug/L	n-Propylbenzene	ND	1.0	1		ug/L
Chlorobenzene	ND	1.0	1		ug/L	Styrene	ND	1.0	1		ug/L
Chloroethane	ND	1.0	1		ug/L	1,1,1,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloroform	ND	1.0	1		ug/L	1,1,2,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloromethane	ND	10	1		ug/L	Tetrachloroethene	ND	1.0	1		ug/L
2-Chlorotoluene	ND	1.0	1		ug/L	Toluene	ND	1.0	1		ug/L
4-Chlorotoluene	ND	1.0	1		ug/L	1,2,3-Trichlorobenzene	ND	1.0	1		ug/L
Dibromochloromethane	ND	1.0	1		ug/L	1,2,4-Trichlorobenzene	ND	1.0	1		ug/L
1,2-Dibromo-3-Chloropropane	ND	5.0	1		ug/L	1,1,1-Trichloroethane	ND	1.0	1		ug/L
1,2-Dibromoethane	ND	1.0	1		ug/L	1,1,2-Trichloroethane	ND	1.0	1		ug/L
Dibromomethane	ND	1.0	1		ug/L	Trichloroethene	ND	1.0	1		ug/L
1,2-Dichlorobenzene	ND	1.0	1		ug/L	Trichlorofluoromethane	ND	10	1		ug/L
1,3-Dichlorobenzene	ND	1.0	1		ug/L	1,2,3-Trichloropropane	ND	5.0	1		ug/L
1,4-Dichlorobenzene	ND	1.0	1		ug/L	1,2,4-Trimethylbenzene	ND	1.0	1		ug/L
Dichlorodifluoromethane	ND	1.0	1		ug/L	1,3,5-Trimethylbenzene	ND	1.0	1		ug/L
1,1-Dichloroethane	ND	1.0	1		ug/L	Vinyl Acetate	ND	10	1		ug/L
1,2-Dichloroethane	ND	0.50	1		ug/L	Vinyl Chloride	ND	0.50	1		ug/L
1,1-Dichloroethene	ND	1.0	1		ug/L	p/m-Xylene	ND	1.0	1		ug/L
c-1,2-Dichloroethene	ND	1.0	1		ug/L	o-Xylene	ND	1.0	1		ug/L
t-1,2-Dichloroethene	ND	1.0	1		ug/L	Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		ug/L
1,2-Dichloropropane	ND	1.0	1		ug/L						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	110	86-118		Toluene-d8	105	88-110	
1,4-Bromofluorobenzene	90	86-115					

RL - Reporting Limit DF - Dilution Factor Qual - Qualifiers

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 07/23/03
Work Order No: 03-07-1139
Preparation: EPA 5030B
Method: EPA 8260B

Project: Lockheed Beaumont/13062

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-48-072203	**03-07-1139-9**	**07/22/03**	**Aqueous**	**N/A**	**07/24/03**	**030723L02**

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Acetone	ND	10	1		ug/L	1,3-Dichloropropane	ND	1.0	1		ug/L
Benzene	ND	0.50	1		ug/L	2,2-Dichloropropane	ND	1.0	1		ug/L
Bromobenzene	ND	1.0	1		ug/L	1,1-Dichloropropene	ND	1.0	1		ug/L
Bromochloromethane	ND	1.0	1		ug/L	c-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromodichloromethane	ND	1.0	1		ug/L	t-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromoform	ND	1.0	1		ug/L	Ethylbenzene	ND	1.0	1		ug/L
Bromomethane	ND	10	1		ug/L	2-Hexanone	ND	10	1		ug/L
2-Butanone	ND	10	1		ug/L	Isopropylbenzene	ND	1.0	1		ug/L
n-Butylbenzene	ND	1.0	1		ug/L	p-Isopropyltoluene	ND	1.0	1		ug/L
sec-Butylbenzene	ND	1.0	1		ug/L	Methylene Chloride	ND	10	1		ug/L
tert-Butylbenzene	ND	1.0	1		ug/L	4-Methyl-2-Pentanone	ND	10	1		ug/L
Carbon Disulfide	ND	10	1		ug/L	Naphthalene	ND	10	1		ug/L
Carbon Tetrachloride	ND	0.50	1		ug/L	n-Propylbenzene	ND	1.0	1		ug/L
Chlorobenzene	ND	1.0	1		ug/L	Styrene	ND	1.0	1		ug/L
Chloroethane	ND	1.0	1		ug/L	1,1,1,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloroform	ND	1.0	1		ug/L	1,1,2,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloromethane	ND	10	1		ug/L	Tetrachloroethene	ND	1.0	1		ug/L
2-Chlorotoluene	ND	1.0	1		ug/L	Toluene	ND	1.0	1		ug/L
4-Chlorotoluene	ND	1.0	1		ug/L	1,2,3-Trichlorobenzene	ND	1.0	1		ug/L
Dibromochloromethane	ND	1.0	1		ug/L	1,2,4-Trichlorobenzene	ND	1.0	1		ug/L
1,2-Dibromo-3-Chloropropane	ND	5.0	1		ug/L	1,1,1-Trichloroethane	ND	1.0	1		ug/L
1,2-Dibromoethane	ND	1.0	1		ug/L	1,1,2-Trichloroethane	ND	1.0	1		ug/L
Dibromomethane	ND	1.0	1		ug/L	Trichloroethene	ND	1.0	1		ug/L
1,2-Dichlorobenzene	ND	1.0	1		ug/L	Trichlorofluoromethane	ND	10	1		ug/L
1,3-Dichlorobenzene	ND	1.0	1		ug/L	1,2,3-Trichloropropane	ND	5.0	1		ug/L
1,4-Dichlorobenzene	ND	1.0	1		ug/L	1,2,4-Trimethylbenzene	ND	1.0	1		ug/L
Dichlorodifluoromethane	ND	1.0	1		ug/L	1,3,5-Trimethylbenzene	ND	1.0	1		ug/L
1,1-Dichloroethane	ND	1.0	1		ug/L	Vinyl Acetate	ND	10	1		ug/L
1,2-Dichloroethane	ND	0.50	1		ug/L	Vinyl Chloride	ND	0.50	1		ug/L
1,1-Dichloroethene	ND	1.0	1		ug/L	p/m-Xylene	ND	1.0	1		ug/L
c-1,2-Dichloroethene	ND	1.0	1		ug/L	o-Xylene	ND	1.0	1		ug/L
t-1,2-Dichloroethene	ND	1.0	1		ug/L	Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		ug/L
1,2-Dichloropropane	ND	1.0	1		ug/L						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control	Qual
Dibromofluoromethane	107	86-118		Toluene-d8	105	88-110	
1,4-Bromofluorobenzene	92	86-115					

RL - Reporting Limit DF - Dilution Factor Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 07/23/03
Work Order No: 03-07-1139
Preparation: EPA 5030B
Method: EPA 8260B

Project: Lockheed Beaumont/13062

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SW-02-072203	**03-07-1139-10**	**07/22/03**	**Aqueous**	**N/A**	**07/24/03**	**030723L02**

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Acetone	11	10	1		ug/L	1,3-Dichloropropane	ND	1.0	1		ug/L
Benzene	ND	0.50	1		ug/L	2,2-Dichloropropane	ND	1.0	1		ug/L
Bromobenzene	ND	1.0	1		ug/L	1,1-Dichloropropene	ND	1.0	1		ug/L
Bromochloromethane	ND	1.0	1		ug/L	c-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromodichloromethane	ND	1.0	1		ug/L	t-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromoform	ND	1.0	1		ug/L	Ethylbenzene	ND	1.0	1		ug/L
Bromomethane	ND	10	1		ug/L	2-Hexanone	ND	10	1		ug/L
2-Butanone	ND	10	1		ug/L	Isopropylbenzene	ND	1.0	1		ug/L
n-Butylbenzene	ND	1.0	1		ug/L	p-Isopropyltoluene	ND	1.0	1		ug/L
sec-Butylbenzene	ND	1.0	1		ug/L	Methylene Chloride	ND	10	1		ug/L
tert-Butylbenzene	ND	1.0	1		ug/L	4-Methyl-2-Pentanone	ND	10	1		ug/L
Carbon Disulfide	ND	10	1		ug/L	Naphthalene	ND	10	1		ug/L
Carbon Tetrachloride	ND	0.50	1		ug/L	n-Propylbenzene	ND	1.0	1		ug/L
Chlorobenzene	ND	1.0	1		ug/L	Styrene	ND	1.0	1		ug/L
Chloroethane	ND	1.0	1		ug/L	1,1,1,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloroform	ND	1.0	1		ug/L	1,1,2,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloromethane	ND	10	1		ug/L	Tetrachloroethene	ND	1.0	1		ug/L
2-Chlorotoluene	ND	1.0	1		ug/L	Toluene	ND	1.0	1		ug/L
4-Chlorotoluene	ND	1.0	1		ug/L	1,2,3-Trichlorobenzene	ND	1.0	1		ug/L
Dibromochloromethane	ND	1.0	1		ug/L	1,2,4-Trichlorobenzene	ND	1.0	1		ug/L
1,2-Dibromo-3-Chloropropane	ND	5.0	1		ug/L	1,1,1-Trichloroethane	ND	1.0	1		ug/L
1,2-Dibromoethane	ND	1.0	1		ug/L	1,1,2-Trichloroethane	ND	1.0	1		ug/L
Dibromomethane	ND	1.0	1		ug/L	Trichloroethene	14	1	1		ug/L
1,2-Dichlorobenzene	ND	1.0	1		ug/L	Trichlorofluoromethane	ND	10	1		ug/L
1,3-Dichlorobenzene	ND	1.0	1		ug/L	1,2,3-Trichloropropane	ND	5.0	1		ug/L
1,4-Dichlorobenzene	ND	1.0	1		ug/L	1,2,4-Trimethylbenzene	ND	1.0	1		ug/L
Dichlorodifluoromethane	ND	1.0	1		ug/L	1,3,5-Trimethylbenzene	ND	1.0	1		ug/L
1,1-Dichloroethane	1.0	1.0	1		ug/L	Vinyl Acetate	ND	10	1		ug/L
1,2-Dichloroethane	ND	0.50	1		ug/L	Vinyl Chloride	ND	0.50	1		ug/L
1,1-Dichloroethene	15	1	1		ug/L	p/m-Xylene	ND	1.0	1		ug/L
c-1,2-Dichloroethene	3.3	1.0	1		ug/L	o-Xylene	ND	1.0	1		ug/L
t-1,2-Dichloroethene	ND	1.0	1		ug/L	Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		ug/L
1,2-Dichloropropane	ND	1.0	1		ug/L						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	108	86-118		Toluene-d8	105	88-110	
1,4-Bromofluorobenzene	91	86-115					

RL - Reporting Limit DF - Dilution Factor Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 07/23/03
Work Order No: 03-07-1139
Preparation: EPA 5030B
Method: EPA 8260B

Project: Lockheed Beaumont/13062

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SW-01-072203	**03-07-1139-11**	**07/22/03**	**Aqueous**	**N/A**	**07/24/03**	**030723L02**

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Acetone	34	10	1		ug/L	1,3-Dichloropropane	ND	1.0	1		ug/L
Benzene	ND	0.50	1		ug/L	2,2-Dichloropropane	ND	1.0	1		ug/L
Bromobenzene	ND	1.0	1		ug/L	1,1-Dichloropropene	ND	1.0	1		ug/L
Bromochloromethane	ND	1.0	1		ug/L	c-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromodichloromethane	ND	1.0	1		ug/L	t-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromoform	ND	1.0	1		ug/L	Ethylbenzene	ND	1.0	1		ug/L
Bromomethane	ND	10	1		ug/L	2-Hexanone	ND	10	1		ug/L
2-Butanone	ND	10	1		ug/L	Isopropylbenzene	ND	1.0	1		ug/L
n-Butylbenzene	ND	1.0	1		ug/L	p-Isopropyltoluene	ND	1.0	1		ug/L
sec-Butylbenzene	ND	1.0	1		ug/L	Methylene Chloride	ND	10	1		ug/L
tert-Butylbenzene	ND	1.0	1		ug/L	4-Methyl-2-Pentanone	ND	10	1		ug/L
Carbon Disulfide	ND	10	1		ug/L	Naphthalene	ND	10	1		ug/L
Carbon Tetrachloride	ND	0.50	1		ug/L	n-Propylbenzene	ND	1.0	1		ug/L
Chlorobenzene	ND	1.0	1		ug/L	Styrene	ND	1.0	1		ug/L
Chloroethane	ND	1.0	1		ug/L	1,1,1,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloroform	ND	1.0	1		ug/L	1,1,2,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloromethane	ND	10	1		ug/L	Tetrachloroethene	ND	1.0	1		ug/L
2-Chlorotoluene	ND	1.0	1		ug/L	Toluene	11	1	1		ug/L
4-Chlorotoluene	ND	1.0	1		ug/L	1,2,3-Trichlorobenzene	ND	1.0	1		ug/L
Dibromochloromethane	ND	1.0	1		ug/L	1,2,4-Trichlorobenzene	ND	1.0	1		ug/L
1,2-Dibromo-3-Chloropropane	ND	5.0	1		ug/L	1,1,1-Trichloroethane	ND	1.0	1		ug/L
1,2-Dibromoethane	ND	1.0	1		ug/L	1,1,2-Trichloroethane	ND	1.0	1		ug/L
Dibromomethane	ND	1.0	1		ug/L	Trichloroethene	ND	1.0	1		ug/L
1,2-Dichlorobenzene	ND	1.0	1		ug/L	Trichlorofluoromethane	ND	10	1		ug/L
1,3-Dichlorobenzene	ND	1.0	1		ug/L	1,2,3-Trichloropropane	ND	5.0	1		ug/L
1,4-Dichlorobenzene	ND	1.0	1		ug/L	1,2,4-Trimethylbenzene	ND	1.0	1		ug/L
Dichlorodifluoromethane	ND	1.0	1		ug/L	1,3,5-Trimethylbenzene	ND	1.0	1		ug/L
1,1-Dichloroethane	ND	1.0	1		ug/L	Vinyl Acetate	ND	10	1		ug/L
1,2-Dichloroethane	ND	0.50	1		ug/L	Vinyl Chloride	ND	0.50	1		ug/L
1,1-Dichloroethene	ND	1.0	1		ug/L	p/m-Xylene	ND	1.0	1		ug/L
c-1,2-Dichloroethene	ND	1.0	1		ug/L	o-Xylene	ND	1.0	1		ug/L
t-1,2-Dichloroethene	ND	1.0	1		ug/L	Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		ug/L
1,2-Dichloropropane	ND	1.0	1		ug/L						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	109	86-118		Toluene-d8	106	88-110	
1,4-Bromofluorobenzene	91	86-115					

RL - Reporting Limit . DF - Dilution Factor . Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 07/23/03
Work Order No: 03-07-1139
Preparation: EPA 5030B
Method: EPA 8260B

Project: Lockheed Beaumont/13062

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OW-02-072203	**03-07-1139-12**	**07/22/03**	**Aqueous**	**N/A**	**07/24/03**	**030723L02**

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Acetone	ND	10	1		ug/L	1,3-Dichloropropane	ND	1.0	1		ug/L
Benzene	ND	0.50	1		ug/L	2,2-Dichloropropane	ND	1.0	1		ug/L
Bromobenzene	ND	1.0	1		ug/L	1,1-Dichloropropene	ND	1.0	1		ug/L
Bromochloromethane	ND	1.0	1		ug/L	c-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromodichloromethane	ND	1.0	1		ug/L	t-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromoform	ND	1.0	1		ug/L	Ethylbenzene	ND	1.0	1		ug/L
Bromomethane	ND	10	1		ug/L	2-Hexanone	ND	10	1		ug/L
2-Butanone	ND	10	1		ug/L	Isopropylbenzene	ND	1.0	1		ug/L
n-Butylbenzene	ND	1.0	1		ug/L	p-Isopropyltoluene	ND	1.0	1		ug/L
sec-Butylbenzene	ND	1.0	1		ug/L	Methylene Chloride	ND	10	1		ug/L
tert-Butylbenzene	ND	1.0	1		ug/L	4-Methyl-2-Pentanone	ND	10	1		ug/L
Carbon Disulfide	ND	10	1		ug/L	Naphthalene	ND	10	1		ug/L
Carbon Tetrachloride	ND	0.50	1		ug/L	n-Propylbenzene	ND	1.0	1		ug/L
Chlorobenzene	ND	1.0	1		ug/L	Styrene	ND	1.0	1		ug/L
Chloroethane	ND	1.0	1		ug/L	1,1,1,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloroform	ND	1.0	1		ug/L	1,1,2,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloromethane	ND	10	1		ug/L	Tetrachloroethene	ND	1.0	1		ug/L
2-Chlorotoluene	ND	1.0	1		ug/L	Toluene	ND	1.0	1		ug/L
4-Chlorotoluene	ND	1.0	1		ug/L	1,2,3-Trichlorobenzene	ND	1.0	1		ug/L
Dibromochloromethane	ND	1.0	1		ug/L	1,2,4-Trichlorobenzene	ND	1.0	1		ug/L
1,2-Dibromo-3-Chloropropane	ND	5.0	1		ug/L	1,1,1-Trichloroethane	ND	1.0	1		ug/L
1,2-Dibromoethane	ND	1.0	1		ug/L	1,1,2-Trichloroethane	ND	1.0	1		ug/L
Dibromomethane	ND	1.0	1		ug/L	Trichloroethene	23	1	1		ug/L
1,2-Dichlorobenzene	ND	1.0	1		ug/L	Trichlorofluoromethane	ND	10	1		ug/L
1,3-Dichlorobenzene	ND	1.0	1		ug/L	1,2,3-Trichloropropane	ND	5.0	1		ug/L
1,4-Dichlorobenzene	ND	1.0	1		ug/L	1,2,4-Trimethylbenzene	ND	1.0	1		ug/L
Dichlorodifluoromethane	ND	1.0	1		ug/L	1,3,5-Trimethylbenzene	ND	1.0	1		ug/L
1,1-Dichloroethane	ND	1.0	1		ug/L	Vinyl Acetate	ND	10	1		ug/L
1,2-Dichloroethane	ND	0.50	1		ug/L	Vinyl Chloride	ND	0.50	1		ug/L
1,1-Dichloroethene	18	1	1		ug/L	p/m-Xylene	ND	1.0	1		ug/L
c-1,2-Dichloroethene	ND	1.0	1		ug/L	o-Xylene	ND	1.0	1		ug/L
t-1,2-Dichloroethene	ND	1.0	1		ug/L	Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		ug/L
1,2-Dichloropropane	ND	1.0	1		ug/L						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	107	86-118		Toluene-d8	105	88-110	
1,4-Bromofluorobenzene	91	86-115					

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 07/23/03
Work Order No: 03-07-1139
Preparation: EPA 5030B
Method: EPA 8260B

Project: Lockheed Beaumont/13062

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-08-072203	**03-07-1139-13**	**07/22/03**	**Aqueous**	**N/A**	**07/24/03**	**030723L02**

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Acetone	ND	10	1		ug/L	1,3-Dichloropropane	ND	1.0	1		ug/L
Benzene	ND	0.50	1		ug/L	2,2-Dichloropropane	ND	1.0	1		ug/L
Bromobenzene	ND	1.0	1		ug/L	1,1-Dichloropropene	ND	1.0	1		ug/L
Bromochloromethane	ND	1.0	1		ug/L	c-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromodichloromethane	ND	1.0	1		ug/L	t-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromoform	ND	1.0	1		ug/L	Ethylbenzene	ND	1.0	1		ug/L
Bromomethane	ND	10	1		ug/L	2-Hexanone	ND	10	1		ug/L
2-Butanone	ND	10	1		ug/L	Isopropylbenzene	ND	1.0	1		ug/L
n-Butylbenzene	ND	1.0	1		ug/L	p-Isopropyltoluene	ND	1.0	1		ug/L
sec-Butylbenzene	ND	1.0	1		ug/L	Methylene Chloride	ND	10	1		ug/L
tert-Butylbenzene	ND	1.0	1		ug/L	4-Methyl-2-Pentanone	ND	10	1		ug/L
Carbon Disulfide	ND	10	1		ug/L	Naphthalene	ND	10	1		ug/L
Carbon Tetrachloride	ND	0.50	1		ug/L	n-Propylbenzene	ND	1.0	1		ug/L
Chlorobenzene	ND	1.0	1		ug/L	Styrene	ND	1.0	1		ug/L
Chloroethane	ND	1.0	1		ug/L	1,1,1,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloroform	ND	1.0	1		ug/L	1,1,2,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloromethane	ND	10	1		ug/L	Tetrachloroethene	ND	1.0	1		ug/L
2-Chlorotoluene	ND	1.0	1		ug/L	Toluene	ND	1.0	1		ug/L
4-Chlorotoluene	ND	1.0	1		ug/L	1,2,3-Trichlorobenzene	ND	1.0	1		ug/L
Dibromochloromethane	ND	1.0	1		ug/L	1,2,4-Trichlorobenzene	ND	1.0	1		ug/L
1,2-Dibromo-3-Chloropropane	ND	5.0	1		ug/L	1,1,1-Trichloroethane	ND	1.0	1		ug/L
1,2-Dibromoethane	ND	1.0	1		ug/L	1,1,2-Trichloroethane	ND	1.0	1		ug/L
Dibromomethane	ND	1.0	1		ug/L	Trichloroethene	ND	1.0	1		ug/L
1,2-Dichlorobenzene	ND	1.0	1		ug/L	Trichlorofluoromethane	ND	10	1		ug/L
1,3-Dichlorobenzene	ND	1.0	1		ug/L	1,2,3-Trichloropropane	ND	5.0	1		ug/L
1,4-Dichlorobenzene	ND	1.0	1		ug/L	1,2,4-Trimethylbenzene	ND	1.0	1		ug/L
Dichlorodifluoromethane	ND	1.0	1		ug/L	1,3,5-Trimethylbenzene	ND	1.0	1		ug/L
1,1-Dichloroethane	ND	1.0	1		ug/L	Vinyl Acetate	ND	10	1		ug/L
1,2-Dichloroethane	ND	0.50	1		ug/L	Vinyl Chloride	ND	0.50	1		ug/L
1,1-Dichloroethene	ND	1.0	1		ug/L	p/m-Xylene	ND	1.0	1		ug/L
c-1,2-Dichloroethene	ND	1.0	1		ug/L	o-Xylene	ND	1.0	1		ug/L
t-1,2-Dichloroethene	ND	1.0	1		ug/L	Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		ug/L
1,2-Dichloropropane	ND	1.0	1		ug/L						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	107	86-118		Toluene-d8	105	88-110	
1,4-Bromofluorobenzene	92	86-115					

RL - Reporting Limit DF - Dilution Factor Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 07/23/03
Work Order No: 03-07-1139
Preparation: EPA 5030B
Method: EPA 8260B

Project: Lockheed Beaumont/13062

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-09-072203	03-07-1139-14	07/22/03	Aqueous	N/A	07/24/03	030723L02

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Acetone	ND	10	1		ug/L	1,3-Dichloropropane	ND	1.0	1		ug/L
Benzene	ND	0.50	1		ug/L	2,2-Dichloropropane	ND	1.0	1		ug/L
Bromobenzene	ND	1.0	1		ug/L	1,1-Dichloropropene	ND	1.0	1		ug/L
Bromochloromethane	ND	1.0	1		ug/L	c-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromodichloromethane	ND	1.0	1		ug/L	t-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromoform	ND	1.0	1		ug/L	Ethylbenzene	ND	1.0	1		ug/L
Bromomethane	ND	10	1		ug/L	2-Hexanone	ND	10	1		ug/L
2-Butanone	ND	10	1		ug/L	Isopropylbenzene	ND	1.0	1		ug/L
n-Butylbenzene	ND	1.0	1		ug/L	p-Isopropyltoluene	ND	1.0	1		ug/L
sec-Butylbenzene	ND	1.0	1		ug/L	Methylene Chloride	ND	10	1		ug/L
tert-Butylbenzene	ND	1.0	1		ug/L	4-Methyl-2-Pentanone	ND	10	1		ug/L
Carbon Disulfide	ND	10	1		ug/L	Naphthalene	ND	10	1		ug/L
Carbon Tetrachloride	ND	0.50	1		ug/L	n-Propylbenzene	ND	1.0	1		ug/L
Chlorobenzene	ND	1.0	1		ug/L	Styrene	ND	1.0	1		ug/L
Chloroethane	ND	1.0	1		ug/L	1,1,1,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloroform	ND	1.0	1		ug/L	1,1,2,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloromethane	ND	10	1		ug/L	Tetrachloroethene	ND	1.0	1		ug/L
2-Chlorotoluene	ND	1.0	1		ug/L	Toluene	ND	1.0	1		ug/L
4-Chlorotoluene	ND	1.0	1		ug/L	1,2,3-Trichlorobenzene	ND	1.0	1		ug/L
Dibromochloromethane	ND	1.0	1		ug/L	1,2,4-Trichlorobenzene	ND	1.0	1		ug/L
1,2-Dibromo-3-Chloropropane	ND	5.0	1		ug/L	1,1,1-Trichloroethane	ND	1.0	1		ug/L
1,2-Dibromoethane	ND	1.0	1		ug/L	1,1,2-Trichloroethane	ND	1.0	1		ug/L
Dibromomethane	ND	1.0	1		ug/L	Trichloroethene	ND	1.0	1		ug/L
1,2-Dichlorobenzene	ND	1.0	1		ug/L	Trichlorofluoromethane	ND	10	1		ug/L
1,3-Dichlorobenzene	ND	1.0	1		ug/L	1,2,3-Trichloropropane	ND	5.0	1		ug/L
1,4-Dichlorobenzene	ND	1.0	1		ug/L	1,2,4-Trimethylbenzene	ND	1.0	1		ug/L
Dichlorodifluoromethane	ND	1.0	1		ug/L	1,3,5-Trimethylbenzene	ND	1.0	1		ug/L
1,1-Dichloroethane	ND	1.0	1		ug/L	Vinyl Acetate	ND	10	1		ug/L
1,2-Dichloroethane	ND	0.50	1		ug/L	Vinyl Chloride	ND	0.50	1		ug/L
1,1-Dichloroethene	ND	1.0	1		ug/L	p/m-Xylene	ND	1.0	1		ug/L
c-1,2-Dichloroethene	ND	1.0	1		ug/L	o-Xylene	ND	1.0	1		ug/L
t-1,2-Dichloroethene	ND	1.0	1		ug/L	Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		ug/L
1,2-Dichloropropane	ND	1.0	1		ug/L						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control	Qual
Dibromofluoromethane	107	86-118		Toluene-d8	104	88-110	
1,4-Bromofluorobenzene	92	86-115					

RL - Reporting Limit . DF - Dilution Factor . Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 07/23/03
Work Order No: 03-07-1139
Preparation: EPA 5030B
Method: EPA 8260B

Project: Lockheed Beaumont/13062

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-006-7,992**	**N/A**	**Aqueous**	**N/A**	**07/24/03**	**030723L02**

Parameter	Result	RL	DF	Qual	Units	Parameter	Result	RL	DF	Qual	Units
Acetone	ND	10	1		ug/L	1,3-Dichloropropane	ND	1.0	1		ug/L
Benzene	ND	0.50	1		ug/L	2,2-Dichloropropane	ND	1.0	1		ug/L
Bromobenzene	ND	1.0	1		ug/L	1,1-Dichloropropene	ND	1.0	1		ug/L
Bromochloromethane	ND	1.0	1		ug/L	c-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromodichloromethane	ND	1.0	1		ug/L	t-1,3-Dichloropropene	ND	0.50	1		ug/L
Bromoform	ND	1.0	1		ug/L	Ethylbenzene	ND	1.0	1		ug/L
Bromomethane	ND	10	1		ug/L	2-Hexanone	ND	10	1		ug/L
2-Butanone	ND	10	1		ug/L	Isopropylbenzene	ND	1.0	1		ug/L
n-Butylbenzene	ND	1.0	1		ug/L	p-Isopropyltoluene	ND	1.0	1		ug/L
sec-Butylbenzene	ND	1.0	1		ug/L	Methylene Chloride	ND	10	1		ug/L
tert-Butylbenzene	ND	1.0	1		ug/L	4-Methyl-2-Pentanone	ND	10	1		ug/L
Carbon Disulfide	ND	10	1		ug/L	Naphthalene	ND	10	1		ug/L
Carbon Tetrachloride	ND	0.50	1		ug/L	n-Propylbenzene	ND	1.0	1		ug/L
Chlorobenzene	ND	1.0	1		ug/L	Styrene	ND	1.0	1		ug/L
Chloroethane	ND	1.0	1		ug/L	1,1,1,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloroform	ND	1.0	1		ug/L	1,1,2,2-Tetrachloroethane	ND	1.0	1		ug/L
Chloromethane	ND	10	1		ug/L	Tetrachloroethene	ND	1.0	1		ug/L
2-Chlorotoluene	ND	1.0	1		ug/L	Toluene	ND	1.0	1		ug/L
4-Chlorotoluene	ND	1.0	1		ug/L	1,2,3-Trichlorobenzene	ND	1.0	1		ug/L
Dibromochloromethane	ND	1.0	1		ug/L	1,2,4-Trichlorobenzene	ND	1.0	1		ug/L
1,2-Dibromo-3-Chloropropane	ND	5.0	1		ug/L	1,1,1-Trichloroethane	ND	1.0	1		ug/L
1,2-Dibromoethane	ND	1.0	1		ug/L	1,1,2-Trichloroethane	ND	1.0	1		ug/L
Dibromomethane	ND	1.0	1		ug/L	Trichloroethene	ND	1.0	1		ug/L
1,2-Dichlorobenzene	ND	1.0	1		ug/L	Trichlorofluoromethane	ND	10	1		ug/L
1,3-Dichlorobenzene	ND	1.0	1		ug/L	1,2,3-Trichloropropane	ND	5.0	1		ug/L
1,4-Dichlorobenzene	ND	1.0	1		ug/L	1,2,4-Trimethylbenzene	ND	1.0	1		ug/L
Dichlorodifluoromethane	ND	1.0	1		ug/L	1,3,5-Trimethylbenzene	ND	1.0	1		ug/L
1,1-Dichloroethane	ND	1.0	1		ug/L	Vinyl Acetate	ND	10	1		ug/L
1,2-Dichloroethane	ND	0.50	1		ug/L	Vinyl Chloride	ND	0.50	1		ug/L
1,1-Dichloroethene	ND	1.0	1		ug/L	p/m-Xylene	ND	1.0	1		ug/L
c-1,2-Dichloroethene	ND	1.0	1		ug/L	o-Xylene	ND	1.0	1		ug/L
t-1,2-Dichloroethene	ND	1.0	1		ug/L	Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		ug/L
1,2-Dichloropropane	ND	1.0	1		ug/L						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control	Qual
Dibromofluoromethane	106	86-118		Toluene-d8	106	88-110	
1,4-Bromofluorobenzene	94	86-115					

RL - Reporting Limit . DF - Dilution Factor . Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 07/23/03
Work Order No: 03-07-1139
Preparation: EPA 3520B
Method: GC/MS Isotope Dilution

Project: Lockheed Beaumont/13062

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
LEB-072203-P	**03-07-1139-2**	**07/22/03**	**Aqueous**	**07/29/03**	**07/31/03**	**030729L04**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	2.0	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	89	56-123	
2-Fluorobiphenyl	85	45-120	
p-Terphenyl-d14	97	46-133	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
LEB-072203-B	**03-07-1139-3**	**07/22/03**	**Aqueous**	**07/29/03**	**07/31/03**	**030729L04**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	2.0	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	87	56-123	
2-Fluorobiphenyl	82	45-120	
p-Terphenyl-d14	95	46-133	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SW-03-072203	**03-07-1139-4**	**07/22/03**	**Aqueous**	**07/29/03**	**07/31/03**	**030729L04**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	8.8	2.0	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	85	56-123	
2-Fluorobiphenyl	81	45-120	
p-Terphenyl-d14	87	46-133	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-45-072203	**03-07-1139-5**	**07/22/03**	**Aqueous**	**07/29/03**	**07/31/03**	**030729L04**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	16	2	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	86	56-123	
2-Fluorobiphenyl	81	45-120	
p-Terphenyl-d14	84	46-133	

RL - Reporting Limit, DF - Dilution Factor, Qual - Qualifiers

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 07/23/03
Work Order No: 03-07-1139
Preparation: EPA 3520B
Method: GC/MS Isotope Dilution

Project: Lockheed Beaumont/13062

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-145-072203	**03-07-1139-6**	**07/22/03**	**Aqueous**	**07/29/03**	**07/31/03**	**030729L04**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	16	2	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	79	56-123	
2-Fluorobiphenyl	70	45-120	
p-Terphenyl-d14	72	46-133	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-43-072203	**03-07-1139-7**	**07/22/03**	**Aqueous**	**07/29/03**	**07/31/03**	**030729L04**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	15	2	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	78	56-123	
2-Fluorobiphenyl	74	45-120	
p-Terphenyl-d14	83	46-133	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-47-072203	**03-07-1139-8**	**07/22/03**	**Aqueous**	**07/29/03**	**07/31/03**	**030729L04**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	2.0	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	93	56-123	
2-Fluorobiphenyl	92	45-120	
p-Terphenyl-d14	101	46-133	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-48-072203	**03-07-1139-9**	**07/22/03**	**Aqueous**	**07/29/03**	**07/31/03**	**030729L04**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	2.0	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	88	56-123	
2-Fluorobiphenyl	85	45-120	
p-Terphenyl-d14	91	46-133	

RL - Reporting Limit . DF - Dilution Factor . Qual - Qualifiers

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 07/23/03
Work Order No: 03-07-1139
Preparation: EPA 3520B
Method: GC/MS Isotope Dilution

Project: Lockheed Beaumont/13062

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SW-02-072203	**03-07-1139-10**	**07/22/03**	**Aqueous**	**07/29/03**	**07/31/03**	**030729L04**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	22	2	1		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
Nitrobenzene-d5	62	56-123			
2-Fluorobiphenyl	49	45-120			
p-Terphenyl-d14	36	46-133		2	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
SW-01-072203	**03-07-1139-11**	**07/22/03**	**Aqueous**	**07/29/03**	**07/31/03**	**030729L04**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	10	2	1		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
Nitrobenzene-d5	75	56-123			
2-Fluorobiphenyl	70	45-120			
p-Terphenyl-d14	71	46-133			

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
OW-02-072203	**03-07-1139-12**	**07/22/03**	**Aqueous**	**07/29/03**	**07/31/03**	**030729L04**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	19	2	1		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
Nitrobenzene-d5	83	56-123			
2-Fluorobiphenyl	81	45-120			
p-Terphenyl-d14	87	46-133			

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-08-072203	**03-07-1139-13**	**07/22/03**	**Aqueous**	**07/29/03**	**08/02/03**	**030729L04**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	2.0	1		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
Nitrobenzene-d5	98	56-123			
2-Fluorobiphenyl	89	45-120			
p-Terphenyl-d14	102	46-133			

Calscience Environmental Laboratories, Inc.

ANALYTICAL REPORT

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 07/23/03
Work Order No: 03-07-1139
Preparation: EPA 3520B
Method: GC/MS Isotope Dilution

Project: Lockheed Beaumont/13062

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
MW-09-072203	**03-07-1139-14**	**07/22/03**	**Aqueous**	**07/29/03**	**08/02/03**	**030729L04**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	3.9	2.0	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	87	56-123	
2-Fluorobiphenyl	80	45-120	
p-Terphenyl-d14	93	46-133	

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-09-004-104**	**N/A**	**Aqueous**	**07/29/03**	**07/31/03**	**030729L04**

Parameter	Result	RL	DF	Qual	Units
1,4-Dioxane	ND	2.0	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Nitrobenzene-d5	97	56-123	
2-Fluorobiphenyl	81	45-120	
p-Terphenyl-d14	104	46-133	

RL - Reporting Limit . DF - Dilution Factor . Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Project: Lockheed Beaumont/13062

Date Received: 07/23/03
Work Order No: 03-07-1139
Preparation: N/A
Method: EPA 314.0

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
SW-03-072203	**Aqueous**	**IC 6**	**N/A**	**07/23/03**	**030723S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Perchlorate	102	105	80-120	1	0-15	

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Project: Lockheed Beaumont/13062

Date Received: 07/23/03
Work Order No: 03-07-1139
Preparation: N/A
Method: EPA 314.0

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-05-203-64	**Aqueous**	**IC 6**	**N/A**	**07/23/03**	**030723L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Perchlorate	105	108	85-115	3	0-15	

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Project: Lockheed Beaumont/13062

Date Received: 07/23/03
Work Order No: 03-07-1139
Preparation: EPA 5030B
Method: EPA 8260B

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-145-072203	Aqueous	GC/MS O	N/A	07/24/03	030723S02

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	94	112	81-123	18	0-15	4
Carbon Tetrachloride	93	109	61-133	16	0-17	
Chlorobenzene	90	106	82-124	16	0-15	4
1,2-Dichlorobenzene	85	103	82-124	19	0-16	4
1,1-Dichloroethene	77	93	70-136	16	0-20	
Toluene	90	107	87-123	18	0-15	4
Trichloroethene	73	88	66-108	15	0-16	
Vinyl Chloride	82	96	61-133	16	0-20	
Methyl-t-Butyl Ether (MTBE)	82	91	67-127	11	0-20	
Tert-Butyl Alcohol (TBA)	70	88	20-158	24	0-41	
Diisopropyl Ether (DIPE)	86	102	71-125	17	0-16	4
Ethyl-t-Butyl Ether (ETBE)	77	90	69-129	15	0-19	
Tert-Amyl-Methyl Ether (TAME)	76	87	70-124	13	0-19	
Ethanol	71	99	39-141	33	0-53	

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Date Received: 07/23/03
Work Order No: 03-07-1139
Preparation: EPA 5030B
Method: EPA 8260B

Project: Lockheed Beaumont/13062

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-006-7,992	Aqueous	GC/MS O	N/A	07/24/03	030723L02

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	112	110	84-120	2	0-23	
Carbon Tetrachloride	111	111	66-132	0	0-43	
Chlorobenzene	107	107	89-119	1	0-25	
1,2-Dichlorobenzene	104	105	89-119	0	0-20	
1,1-Dichloroethene	100	99	80-128	1	0-28	
Toluene	108	106	84-126	2	0-31	
Trichloroethene	89	87	69-105	2	0-29	
Vinyl Chloride	104	104	70-124	0	0-36	
Methyl-t-Butyl Ether (MTBE)	89	86	68-134	3	0-25	
Tert-Butyl Alcohol (TBA)	90	77	48-144	15	0-25	
Diisopropyl Ether (DIPE)	92	98	79-121	6	0-27	
Ethyl-t-Butyl Ether (ETBE)	90	85	74-134	6	0-34	
Tert-Amyl-Methyl Ether (TAME)	89	82	73-127	8	0-38	
Ethanol	106	100	49-133	6	0-25	

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Tetra Tech, Inc.
348 West Hospitality Lane, Ste 100
San Bernardino, CA 92408-3216

Project: Lockheed Beaumont/13062

Date Received: 07/23/03
Work Order No: 03-07-1139
Preparation: EPA 3520B
Method: GC/MS Isotope Dilution

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-09-004-104	Aqueous	GC/MS P	07/29/03	07/31/03	030729L04

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
1,4-Dioxane	89	88	50-130	0	0-20	

Calscience Environmental Laboratories, Inc.

GLOSSARY OF TERMS AND QUALIFIERS

Work Order Number: 03-07-1139

Qualifier	Definition
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
D	The sample data was reported from a diluted analysis.
ND	Not detected at indicated reporting limit.

07-1139

CHAIN OF CUSTODY RECORD

TETRA TECH, INC.
348 W. Hospitality Lane, Suite 100
San Bernardino, California 92408
Telephone: (909) 381-1674
FAX: (909) 889-1391

SHIP TO: CALSCIENCE ENV. LAB, INC 7440 LINCOLN GARDEN GROVE 92841

DATE 7/22/03 PAGE 1 OF 2

CLIENT: ~~FEFI~~ TETRA TECH
PROJECT NAME: LOCKHEED BEAUMONT
PROJECT MANAGER: T. VILLENUEVE
TC #: 13062
SAMPLERS (Signatures): Mary Diesel

LINE ITEM	SAMPLE NO.	DATE	TIME	8260 TARGET	1-4 DIOXANE	PERCHLORATE	FILTERED/UNFILTERED	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	PRESERVATIVE	OBSERVATIONS/COMMENTS
1.	LTB-072203	7/22/03	8:10	X			U	W	G	2	HCL	
2.	LEB-072203-P	7/22/03	8:15	X	X	X	U	W	G/P	5	HCL	7/23/03
3.	LEB-072203B	7/22/03	8:20	X	X	X						
4.	SW-03-072203		8:55	X	X	X						
5.	MW-45-072203		9:10	X	X	X						
6.	MW-145-072203		9:30	X	X	X						
7.	MW-43-072203		10:00	X	X	X						
8.	MW-47-072203		10:30	X	X	X						
9.	MW-48-072203		10:16	X	X	X						
10.	SW-02-072203		11:40	X	X	X						

TURN-AROUND TIME

FILTERING: ☐ FILTERED ☐ UNFILTERED

MATRIX TYPE: S - Soil; M - Sediment; W - Water

CONTAINER TYPE: G - Glass Bottle/Jar; SB - Brass Sleeve; SS - Stainless Steel Sleeve; P - Plastic Bottle/Jar

PRESERVATIVES: (Water Only) HCL; NaOH; NR (None required); H_2SO_4

RELINQUISHED BY	SIGNATURE		DATE	TIME	TOTAL NUMBER OF CONTAINERS ON THIS CHAIN OF CUSTODY:
MARY DIESEL	Mary Diesel	TETRA TECH, INC.	07/23/03	8:00 AM	17 05 (67)
RECEIVED BY	SIGNATURE	COMPANY	DATE	TIME	METHOD OF SHIPMENT/SHIPMENT NO.
Howard Gabriel	Howard Gabriel	CalScience	07/23/03	11:05 AM	
RELINQUISHED BY	SIGNATURE	COMPANY	DATE	TIME	Special Shipping/Handling/Storage Requirements:
Howard Gabriel	Howard Gabriel	CalScience	07/23/03	12:25 pm	
RECEIVED BY	SIGNATURE	COMPANY	DATE	TIME	
Steven Ruiz		Calscience	7/23/03	1225	

DISTRIBUTION: White and Pink = Tetra Tech, Inc. Canary = Laboratory

X:\GIS\ATT-MISC\COCR.CDR

07-1139

CHAIN OF CUSTODY RECORD

TETRA TECH, INC.
348 W. Hospitality Lane, Suite 100
San Bernardino, California 92408
Telephone: (909) 381-1674
FAX: (909) 889-1391

SHIP TO: CALSCIENCE ENV'L LAB 7440 LINCOLN GARDEN GROVE, CA

DATE 7/22/03 PAGE 2 OF 2

CLIENT: TETRATECH

PROJECT NAME: LOCKHEED BEAUMONT

PROJECT MANAGER: T. VILLENEUVE

TC #: 13662

SAMPLERS (Signatures)

LINE ITEM	SAMPLE NO.	DATE	TIME	8260 + MTBE	1,4 DIOXANE	PERCHLORATE	FILTERED/UNFILTERED	MATRIX TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	PRESERVATIVE	OBSERVATIONS/COMMENTS
1.	SW-01-072203	7/22/03	11:55	X	X	X	U	W	G/P	5	HCl/NaS2O3	
2.	OW-02-072203		12:45	X	X	X	↓	↓	↓	↓	↓	
3.	MW-08-072203		15:00	X	X	X						
4.	MW-09-072203	↓	15:50	X	X	X	↓	↓	↓	↓	↓	
5.												
6.												
7.												
8.												
9.												
10.												

TURN-AROUND TIME

FILTERING: ☐ FILTERED ☐ UNFILTERED

MATRIX TYPE: S - Soil; M - Sediment; W - Water

CONTAINER TYPE: G - Glass Bottle/Jar; SS - Stainless Steel Sleeve; SB - Brass Sleeve; P - Plastic Bottle/Jar

PRESERVATIVES: (Water Only) HCL; NR (None required); NaOH; H_2SO_4

RELINQUISHED BY	SIGNATURE		DATE	TIME	TOTAL NUMBER OF CONTAINERS ON THIS CHAIN OF CUSTODY:
MARY DIESEL	Mary Diesel	TETRA TECH, INC.			20 of 67
RECEIVED BY	SIGNATURE	COMPANY	DATE	TIME	METHOD OF SHIPMENT/SHIPMENT NO.
Howard Gabriel	Howard Gabriel	Cal Science	07/23/03	11.05 AM	
RELINQUISHED BY	SIGNATURE	COMPANY	DATE	TIME	Special Shipping/Handling/Storage Requirements:
Howard Gabriel	Howard Gabriel	Cal Science	07/23/03	12.25 PM	
RECEIVED BY	SIGNATURE	COMPANY	DATE	TIME	
		Calscience	7/23/03	1225	

DISTRIBUTION: and Pink = Tetra Tech, Inc. Canary = Laboratory

X:\GIS\ATT-MISC\COCR.CDR

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 03 - 07 - 1139

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: Tetra Tech DATE: 7/23/03

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

- ____ Chilled, cooler with temperature blank provided.
- ____ Chilled, cooler without temperature blank.
- ✓ Chilled and placed in cooler with wet ice.
- ____ Ambient and placed in cooler with wet ice.
- ____ Ambient temperature.

2 °C Temperature blank.

LABORATORY (Other than Calscience Courier):

- ____ °C Temperature blank.
- 2 °C IR thermometer.
- ____ Ambient temperature.

Initial: HH

CUSTODY SEAL INTACT:

Sample(s): ____ Cooler: ____ No (Not Intact) : ____ Not Applicable (N/A): —

Initial: HH

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers for analyses requested	✓		
Proper preservation noted on sample label(s)	✓		
VOA vial(s) free of headspace	✓		
Tedlar bag(s) free of condensation			✓

Initial: HH

COMMENTS: