

TABLE 1-1
2009 RAPA PROPOSED AND ACTUAL ANNUAL GROUNDWATER SAMPLING PROGRAM

2011 GROUNDWATER MONITORING REPORT
LOCKHEED MARTIN TALLEVAST SITE
TALLEVAST, FLORIDA

USAS	LSAS	AF Gravels	S&P Sands	Lower AF Sands	Floridan
MW-100	MW-33	1201 TALLEVAST RD	MW-21	MW-19	7500 26TH CT E
MW-103	MW-37	2105 TALLEVAST RD	MW-23	MW-22	7851 15TH ST E
MW-104	MW-39	2400 TALLEVAST RD	MW-34		MW-123
MW-107	MW-41	2411 TALLEVAST RD	MW-44	MW-50	MW-161
MW-108	MW-43	7561/7571 15TH ST E	MW-45	MW-51	MW-203
MW-109	MW-48	8005 15TH ST E	MW-49	MW-150	MW-218
MW-111	MW-68	EW-UAFG-1	MW-52	MW-155	MW-251
MW-110	MW-77	IWI-1	MW-53	MW-160	2411 Tallevast Rd Well #2 **
MW-111	MW-78	MW-55	MW-54		
MW-114	MW-79	MW-83	MW-56		
MW-115	MW-80	MW-102	MW-57		
MW-116	MW-81	MW-127	MW-58		
MW-118	MW-82	MW-129	MW-59		
MW-120	MW-84	MW-130	MW-60		
MW-121	MW-85	MW-131	MW-128		
MW-126	MW-86	MW-132	MW-182		
MW-137	MW-87	MW-133	MW-240		
MW-13D	MW-91	MW-134	MW-252		
MW-141	MW-92	MW-135	IWI-2 *		
MW-146	MW-93	MW-136			
MW-151	MW-98	MW-143			
MW-156	MW-101	MW-148			
MW-15D	MW-105	MW-153			
MW-162	MW-106	MW-158			
MW-16D	MW-113	MW-164			
MW-17D	MW-117	MW-169			
MW-20	MW-119	MW-175			
MW-219	MW-142	MW-185			
MW-229	MW-152	MW-200			
MW-24	MW-163	MW-215			
MW-242	MW-168	MW-221			
MW-25	MW-178	MW-231			
MW-254 (MW-BT-1)	MW-220	MW-232			
MW-26	MW-230	MW-233			
MW-27	MW-243	MW-239			
MW-28	PZ-LSAS-1	MW-248			
MW-29	PZ-LSAS-2	MW-249			
MW-30	PZ-LSAS-3	MW-250			
MW-32	PZ-LSAS-4	MW-253			
MW-35	PZ-LSAS-5	MW-255 **			
MW-36	PZ-LSAS-6				
MW-38	PZ-LSAS-7				
MW-40					
MW-42					
MW-47					
MW-62					
MW-63					
MW-64					
MW-65					
MW-67					
MW-69					
MW-70					
MW-71					
MW-72					
MW-73					
MW-74					
MW-75					
MW-76					
MW-7D					
MW-89					
MW-8D					
MW-90					
MW-94					
MW-95					
MW-9D					

Footnotes:

- * Clay/Sand Zone 3 & 4
- AF Gravels = Arcadia Formation Gravels
- LSAS = Lower Shallow Aquifer System
- Lower AF Sands = Lower Arcadia Formation Sands
- S&P Sands = Salt & Pepper Sands
- USAS = Upper Surficial Aquifer System
- 2105 TALLEVAST RD = Indicates well has been abandoned and removed from annual sampling program
- ** = Monitoring well added to annual sampling program in 2010
- RAPA = Remedial Action Plan Addendum

**TABLE 2-1
MONITORING PROGRAM SAMPLING LOCATIONS**

**2011 GROUNDWATER MONITORING REPORT
LOCKHEED MARTIN TALLEVAST SITE
TALLEVAST, FLORIDA**

Well ID	Zone	Annual Water Levels	Annual Samples a/	IRA OMM Water Levels	IRA OMM Samples b/	Semi-annual Persulfate Pilot Study Monitoring c/
Monitoring Wells						
DW-1	Clay/Sand Zone 1	x		x ^{d/}		
IWI-1	AF Gravels	x	x			
IWI-2	Clay/Sand Zone 3 & 4	x	x		x ^{1/, d/}	
MW-3	USAS	x		x ^{d/}		x
MW-4	USAS	x		x ^{d/}		x
MW-5	USAS	x		x ^{d/}		
MW-6	USAS	x		x ^{d/}		
MW-7D	USAS	x	x	x ^{d/}		
MW-7S	USAS	x		x ^{d/}		
MW-8D	USAS	x	x	x ^{d/}		
MW-8S	USAS	x		x ^{d/}		
MW-9D	USAS	x	x	x ^{d/}		
MW-9S	USAS	x		x ^{d/}		
MW-10	USAS	x		x ^{d/}		
MW-11 ^{2/}	USAS	x	x	x ^{d/}		
MW-12	USAS	x		x ^{d/}		
MW-13D	USAS	x	x	x ^{d/}		
MW-13S	USAS	x		x ^{d/}		
MW-14D	USAS	x		x ^{d/}		
MW-14S	USAS	x		x ^{d/}		
MW-15D	USAS	x	x	x ^{d/}		
MW-15S	USAS	x		x ^{d/}		
MW-16D	USAS	x	x	x ^{d/}		
MW-16S	USAS	x		x ^{d/}		
MW-17D	USAS	x	x	x ^{d/}		
MW-17S	USAS	x		x ^{d/}		
MW-18D	USAS	x		x ^{d/}		
MW-18S	USAS	x		x ^{d/}		
MW-19	Lower AF Sands	x	x	x ^{d/}	x ^{d/}	
MW-20	USAS	x	x	x ^{d/}		
MW-21	S&P Sands	x	x			
MW-22	Lower AF Sands	x	x	x ^{d/}		
MW-23	S&P Sands	x	x	x ^{d/}	x ^{d/}	
MW-24	USAS	x	x			
MW-25	USAS	x	x	x ^{d/}		
MW-26	USAS	x	x			
MW-27	USAS	x	x			
MW-28	USAS	x	x			
MW-29	USAS	x	x	x ^{d/}		
MW-30	USAS	x	x	x ^{d/}		
MW-31	Lower AF Sands	x	x			
MW-32	USAS	x	x	x ^{d/}	x ^{d/}	x
MW-33	LSAS	x	x	x ^{d/}	x ^{d/}	x
MW-34	S&P Sands	x	x	x ^{d/}		
MW-35	USAS	x	x	x ^{d/}	x ^{d/}	
MW-36	USAS	x	x	x ^{d/}	x ^{d/}	x
MW-37	LSAS	x	x	x ^{d/}	x ^{d/}	x
MW-38	USAS	x	x	x ^{d/}		x
MW-39	LSAS	x	x	x ^{d/}		x
MW-40	USAS	x	x	x ^{d/}	x ^{d/}	x
MW-41	LSAS	x	x	x ^{d/}	x ^{d/}	
MW-42	USAS	x	x	x ^{d/}	x ^{d/}	x
MW-43	LSAS	x	x	x ^{d/}	x ^{d/}	x
MW-44	S&P Sands	x	x	x ^{d/}	x ^{d/}	
MW-45	S&P Sands	x	x	x ^{d/}		
MW-46	Lower AF Sands	x		x ^{d/}		
MW-47	USAS	x	x	x ^{d/}	x ^{d/}	
MW-48	LSAS	x	x	x ^{d/}		
MW-49	S&P Sands	x	x	x ^{d/}		
MW-50	Lower AF Sands	x	x			
MW-51	Lower AF Sands	x	x			
MW-52	S&P Sands	x	x	x ^{d/}		

Footnotes on Page 6.

**TABLE 2-1
MONITORING PROGRAM SAMPLING LOCATIONS**

**2011 GROUNDWATER MONITORING REPORT
LOCKHEED MARTIN TALLEVAST SITE
TALLEVAST, FLORIDA**

Well ID	Zone	Annual Water Levels	Annual Samples a/	IRA OMM Water Levels	IRA OMM Samples b/	Semi-annual Persulfate Pilot Study Monitoring c/
MW-53	S&P Sands	x	x			
MW-54	S&P Sands	x	x			
MW-55	AF Gravels	x	x			
MW-56	S&P Sands	x	x			
MW-57	S&P Sands	x	x	x ^{d/}	x ^{d/}	
MW-58	S&P Sands	x	x	x ^{d/}		
MW-59	S&P Sands	x	x	x ^{d/}		
MW-60	S&P Sands	x	x			
MW-61	S&P Sands	x				
MW-62	USAS	x	x			
MW-63	USAS	x	x	x ^{d/}	x ^{d/}	
MW-64	USAS	x	x			
MW-65	USAS	x	x			
MW-66	USAS	x				
MW-67	USAS	x	x	x ^{d/}		
MW-68	LSAS	x	x	x ^{d/}	x ^{d/}	
MW-69	USAS	x	x	x ^{d/}	x ^{d/}	
MW-70	USAS	x	x	x ^{d/}		x
MW-71	USAS	x	x	x ^{d/}	x ^{d/}	x
MW-72	USAS	x	x	x ^{d/}	x ^{d/}	x
MW-73	USAS	x	x			
MW-74	USAS	x	x			
MW-75	USAS	x	x			
MW-76	USAS	x	x	x ^{d/}		x
MW-77	LSAS	x	x	x ^{d/}		
MW-78	LSAS	x	x	x ^{d/}		
MW-79	LSAS	x	x	x ^{d/}		
MW-80	LSAS	x	x	x ^{d/}	x ^{d/}	x
MW-81	LSAS	x	x	x ^{d/}	x ^{d/}	
MW-82	LSAS	x	x	x ^{d/}		
MW-83	AF Gravels	x	x			
MW-84	LSAS	x	x	x ^{d/}		
MW-85	LSAS	x	x	x ^{d/}	x ^{d/}	
MW-86	LSAS	x	x	x ^{d/}		
MW-87	LSAS	x	x	x ^{d/}		
MW-88	Clay/Sand Zone 1	x				
MW-89	USAS	x	x	x ^{d/}		
MW-90	USAS	x	x	x ^{d/}		
MW-91	LSAS	x	x	x ^{d/}	x ^{d/}	
MW-92	LSAS	x	x	x ^{d/}		
MW-93	LSAS	x	x	x ^{d/}		
MW-94	USAS	x	x			
MW-95	USAS	x	x			
MW-96	Clay/Sand Zone 3 & 4	x				
MW-97	Clay/Sand Zone 3 & 4	x				
MW-98	LSAS	x	x	x ^{d/}	x ^{d/}	
MW-99	Clay/Sand Zone 1	x				
MW-100	USAS	x	x	x ^{d/}	x ^{d/}	
MW-101	LSAS	x	x			
MW-102	AF Gravels	x	x			
MW-103	USAS	x	x			
MW-104	USAS	x	x			
MW-105	LSAS	x	x	x ^{d/}		
MW-106	LSAS	x	x			
MW-107	USAS	x	x			
MW-108	USAS	x	x	x ^{d/}	x ^{d/}	
MW-109	USAS	x	x	x		
MW-110	USAS	x	x	x ^{d/}		
MW-111	USAS	x	x			
MW-112	Clay/Sand Zone 1	x				
MW-113	LSAS	x	x	x ^{d/}		
MW-114	USAS	x	x			
MW-115	USAS	x	x			

Footnotes on Page 6.

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MONITORING PROGRAM SAMPLING LOCATIONS**

**2011 GROUNDWATER MONITORING REPORT
LOCKHEED MARTIN TALLEVAST SITE
TALLEVAST, FLORIDA**

Well ID	Zone	Annual Water Levels	Annual Samples a/	IRA OMM Water Levels	IRA OMM Samples b/	Semi-annual Persulfate Pilot Study Monitoring c/
MW-116	USAS	x	x			
MW-117	LSAS	x	x			
MW-118	USAS	x	x			
MW-119	LSAS	x	x			
MW-120	USAS	x	x			
MW-121	USAS	x	x			
MW-122	USAS	x				
MW-123	Floridan	x	x			
MW-124	Clay/Sand Zone 2	x				
MW-125	Venice Clay	x				
MW-126	USAS	x	x			
MW-127	AF Gravels	x	x	x ^{d/}	x ^{d/}	
MW-128	S&P Sands	x	x	x ^{d/}	x ^{d/}	
MW-129	AF Gravels	x	x	x ^{d/}		
MW-130	AF Gravels	x	x	x ^{d/}	x ^{d/}	
MW-131	AF Gravels	x	x			
MW-132	AF Gravels	x	x	x ^{d/}		
MW-133	AF Gravels	x	x	x ^{d/}		
MW-134	AF Gravels	x	x	x ^{d/}	x ^{d/}	
MW-135	AF Gravels	x	x			
MW-136	AF Gravels	x	x			
MW-137	USAS	x	x			
MW-138	LSAS	x				
MW-139	S&P Sands	x				
MW-140	Lower AF Sands	x				
MW-141	USAS	x	x			
MW-142	LSAS	x	x			
MW-143	AF Gravels	x	x			
MW-144	S&P Sands	x				
MW-145	Lower AF Sands	x				
MW-146	USAS	x	x			
MW-147	LSAS	x				
MW-148	AF Gravels	x	x			
MW-149	S&P Sands	x				
MW-150	Lower AF Sands	x	x			
MW-151	USAS	x	x	x ^{d/}		
MW-152	LSAS	x	x	x ^{d/}		
MW-153	AF Gravels	x	x	x ^{d/}		
MW-154	S&P Sands	x				
MW-155	Lower AF Sands	x	x	x ^{d/}		
MW-156	USAS	x	x			
MW-157	LSAS	x				
MW-158	AF Gravels	x	x	x ^{d/}	x ^{d/}	
MW-159	S&P Sands	x				
MW-160	Lower AF Sands	x	x			
MW-161	Floridan	x	x			
MW-162	USAS	x	x			
MW-163	LSAS	x	x			
MW-164	AF Gravels	x	x			
MW-165	S&P Sands	x				
MW-166	Lower AF Sands	x				
MW-167	USAS	x				
MW-168	LSAS	x	x			
MW-169	AF Gravels	x	x			
MW-170	Lower AF Sands	x				
MW-171	LSAS	x		x ^{d/}		
MW-172	AF Gravels	x				
MW-173	S&P Sands	x				
MW-174	Lower AF Sands	x				
MW-175	AF Gravels	x	x			
MW-176	S&P Sands	x				
MW-177	Lower AF Sands	x				
MW-178	LSAS	x	x			

Footnotes on Page 6.

**TABLE 2-1
MONITORING PROGRAM SAMPLING LOCATIONS**

**2011 GROUNDWATER MONITORING REPORT
LOCKHEED MARTIN TALLEVAST SITE
TALLEVAST, FLORIDA**

Well ID	Zone	Annual Water Levels	Annual Samples a/	IRA OMM Water Levels	IRA OMM Samples b/	Semi-annual Persulfate Pilot Study Monitoring c/
MW-179	AF Gravels	x				
MW-180	S&P Sands	x				
MW-181	Lower AF Sands	x				
MW-182	S&P Sands	x	x			
MW-183	USAS	x				
MW-184	LSAS	x				
MW-185	AF Gravels	x	x			
MW-186	S&P Sands	x				
MW-187	Lower AF Sands	x				
MW-188	USAS	x				
MW-189	LSAS	x				
MW-190	AF Gravels	x				
MW-191	S&P Sands	x				
MW-192	Lower AF Sands	x				
MW-193	AF Gravels	x				
MW-194	S&P Sands	x				
MW-195	Lower AF Sands	x				
MW-196	AF Gravels	x				
MW-197	AF Gravels	x				
MW-198	USAS	x				
MW-199	LSAS	x				
MW-200	AF Gravels	x	x			
MW-201	S&P Sands	x				
MW-202	Lower AF Sands	x				
MW-203	Floridan	x*	x*			
MW-204	USAS	x				
MW-205	LSAS	x				
MW-206	AF Gravels	x				
MW-207	Lower AF Sands	x				
MW-208	USAS	x				
MW-209	LSAS	x				
MW-210	AF Gravels	x				
MW-211	S&P Sands	x				
MW-212	Lower AF Sands	x				
MW-213	USAS	x				
MW-214	LSAS	x				
MW-215	AF Gravels	x	x			
MW-216	S&P Sands	x				
MW-217	Lower AF Sands	x				
MW-219	USAS	x	x			
MW-220	LSAS	x	x			
MW-221	AF Gravels	x	x			
MW-222	S&P Sands	x				
MW-223	Hard Streak	x				
MW-224	Venice Clay	x				
MW-225	Venice Clay	x				
MW-226	AF Gravels	x				
MW-227	S&P Sands	x				
MW-228	AF Gravels	x				
MW-229	USAS	x	x			
MW-230	LSAS	x	x			
MW-231	AF Gravels	x	x			
MW-232	AF Gravels	x	x	x ^{d/}		
MW-233	AF Gravels	x	x	x ^{d/}		
MW-234	USAS	x				
MW-235	LSAS	x				
MW-236	AF Gravels	x				
MW-237	S&P Sands	x				
MW-238	Lower AF Sands	x				
MW-239	AF Gravels	x	x	x ^{d/}	x ^{d/}	
MW-240	S&P Sands	x	x			
MW-241	Lower AF Sands	x				

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MONITORING PROGRAM SAMPLING LOCATIONS**

**2011 GROUNDWATER MONITORING REPORT
LOCKHEED MARTIN TALLEVAST SITE
TALLEVAST, FLORIDA**

Well ID	Zone	Annual Water Levels	Annual Samples a/	IRA OMM Water Levels	IRA OMM Samples b/	Semi-annual Persulfate Pilot Study Monitoring c/
MW-242	USAS	x	x			
MW-243	LSAS	x	x			
MW-244	AF Gravels	x				
MW-245	Hard Streak	x				
MW-246	LSAS	x				
MW-247	AF Gravels	x				
MW-248	AF Gravels	x	x			
MW-249	AF Gravels	x	x			
MW-250	AF Gravels	x	x			
MW-251	Floridan	x	x			
MW-252	S&P Sands	x	x	x ^{d/}		
MW-253	AF Gravels	x	x	x ^{d/}	x ^{d/}	
MW-254 (MW-BT-1)	USAS	x	x	x ^{d/}	x ^{d/}	
MW-255	AF Gravels	x	x			
PZ-LSAS-1	LSAS	x	x			
PZ-LSAS-2	LSAS	x	x			
PZ-LSAS-3 ^{2/}	LSAS	x	x			
PZ-LSAS-4	LSAS	x	x			
PZ-LSAS-5	LSAS	x	x			
PZ-LSAS-6	LSAS	x	x			
PZ-LSAS-7	LSAS	x	x			
RW-1	USAS	x				
RW-2	USAS	x				
TW-84-A	USAS	x				
TW-84-B	USAS	x				
EW-UAFG-1	AF Gravels	x	x			
Extraction Wells						
EW-101	USAS	x	x	x ^{e/}	x ^{e/}	x
EW-103	USAS	x	x	x ^{e/}	x ^{e/}	x
EW-105	USAS	x	x	x ^{e/}	x ^{e/}	x
EW-107	USAS	x	x	x ^{e/}	x ^{e/}	x
EW-109	USAS	x	x	x ^{e/}	x ^{e/}	x
EW-102	LSAS	x	x	x ^{e/}	x ^{e/}	x
EW-104	LSAS	x	x	x ^{e/}	x ^{e/}	x
EW-106	LSAS	x	x	x ^{e/}	x ^{e/}	x
EW-108	LSAS	x	x	x ^{e/}	x ^{e/}	x
EW-110	LSAS	x	x	x ^{e/}	x ^{e/}	x
Private Wells						
PW-7 (7561/7571 15TH ST E)	AF Gravels	x*	x*			
PW-47 (7851 15TH ST E) ^{2/}	Floridan	x*	x*			
PW-57 (7500 26TH CT E)	Floridan	x*	x*			
PW-65 (1201 TALLEVAST RD)	AF Gravels	x*	x*			
PW-84 (2400 TALLEVAST RD)	AF Gravels	x*	x*			
PW-102 (8005 15TH ST E) ^{2/}	AF Gravels	x*	x*			
P-125 (2411 Tallevast Rd Well #2)	Floridan	x*	x*			
IRA Treatment System Sampling Ports						
Influent		x*	x*		x ^{e/}	
Mid-Process		x*	x*			
Effluent		x*	x*		x ^{e/}	
Primary Carbon Effluent	IRAP System Primary Carbon Effluent SP-302, SP-303, or SP-304	x*	x*			
Staff Gauges/Stilling Wells						
Staff Gauge-1	Unassigned	x				
Staff Gauge-2 (ABC Facility on-Site Pond)	Unassigned	x				
Stilling Well-1R (ABC Facility on-Site Pond) ^{3/}	Unassigned	x				
Staff Gauge-3 (Commerce Court Pond)	Unassigned	x				
Staff Gauge-4 (Commerce Center South Pond)	Unassigned	x				
Staff Gauge-5 (Golf Course pond)	Unassigned	x				
Stilling Well-5 (Golf Course pond)	Unassigned	x				
Staff Gauge-6 (Desenberg pond)	Unassigned	x				
Staff Gauge-7 (Tallevast Rd Ditch)	Unassigned	x				
Stilling Well-2 (Tallevast Rd Ditch)	Unassigned	x				

Footnotes on Page 6.

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MONITORING PROGRAM SAMPLING LOCATIONS**

**2011 GROUNDWATER MONITORING REPORT
LOCKHEED MARTIN TALLEVAST SITE
TALLEVAST, FLORIDA**

Well ID	Zone	Annual Water Levels	Annual Samples ^{a/}	IRA OMM Water Levels	IRA OMM Samples ^{b/}	Semi-annual Persulfate Pilot Study Monitoring ^{c/}
Staff Gauge-8 (Boothe Pond)	Unassigned	x				
Stilling Well-3 (Boothe Pond)	Unassigned	x				
Staff Gauge-9 (1975/2003 Tallevast Rd Pond)	Unassigned	x				
Stilling Well-4 (1975/2003 Tallevast Rd Pond)	Unassigned	x				
USAS Chemical Oxidation Pilot Test Observation Wells						
CO-A1D	USAS					x
CO-B1D	USAS					x
CO-B4D	USAS					x
CO-C1D	USAS					x
CO-D1D	USAS					x

Footnotes:

AF Gravels = Arcadia Formation Gravels

IRA = Interim Remedial Action

Lower AF Sands = Lower Arcadia Formation Sands

LSAS = Lower Shallow Aquifer System

OMM = Operation, Maintenance and Monitoring

SIM/ID = Selective Ion Monitoring by Isotope Dilution

S&P Sands = Salt & Pepper Sands

USAS = Upper Surficial Aquifer System

USEPA = U.S. Environmental Protection Agency

VOC = Volatile Organic Compound

x* = Water levels will not be taken

^{1/} = This well is being monitored concurrently with IRA OMM wells, but is not part of the OMM monitoring program.

^{2/} = Private wells PW-47 (7851 15TH ST E) and PW-102 (8005 15TH ST E) were abandoned in September 2011 and monitoring wells MW-11 and PZ-LSAS-3 were abandoned in January 2012.

^{3/} = Stilling Well-1 (ABC Facility on-Site Pond) was replaced with Stilling Well-1R in August 2011.

^{a/} = Analyzed by USEPA SW-846 Methods 8260B (VOCs, Site List) and 8260C SIM/ID (1,4-Dioxane).

^{b/} = All monitoring and extraction wells, influent, and effluent samples are analyzed by USEPA SW-846 Methods 8260B (VOCs, Site List) and 8260C SIM/ID (1,4-Dioxane). Extraction wells, influent, and effluent samples are also analyzed by USEPA SW-846 Method 6010B for metals (Aluminum, Arsenic, Beryllium, Cadmium, Chromium, Copper, Iron, Manganese, Sodium, Nickel, Lead, Zinc).

^{c/} = UIC Monitoring List

^{d/} = Semi-annual monitoring

^{e/} = Quarterly monitoring

**TABLE 2-2
WELL CONSTRUCTION SUMMARY WITH GROUNDWATER AND SURFACE WATER ELEVATIONS**

**2011 GROUNDWATER MONITORING REPORT
LOCKHEED MARTIN TALLEVAST SITE
TALLEVAST, FLORIDA**

Well ID	Installation Date	Zone	Total Well Depth (ft bgs)	Screen Top (ft bgs)	Screen Bottom (ft bgs)	Top of Inner Casing (ft msl)	August 16, 2011 ^{4/}		August 17, 2011	
							Depth to Water (ft toc)	Water Elevation (ft msl)	Depth to Water (ft toc)	Water Elevation (ft msl)
DW-1	1/15/2002	Clay/Sand Zone 1	99	82	92	31.00	20.65	10.35	NM	NM
EW-102	10/26/2007	LSAS	41	31	36	30.52	30.45	0.07	NM	NM
EW-103	5/31/2006	USAS	25	5	20	29.86	14.71	15.15	NM	NM
EW-104	5/31/2006	LSAS	36	26	31	29.77	26.06	3.71	NM	NM
EW-105	5/3/2006	USAS	30	5	25	30.40	19.83	10.57	NM	NM
EW-106	5/3/2006	LSAS	36	26	31	30.33	27.30	3.03	NM	NM
EW-107	10/24/2007	USAS	32	7	27	29.64	11.43	18.21	NM	NM
EW-109	5/2/2006	USAS	30	5	25	30.10	17.70	12.40	NM	NM
EW-110	5/2/2006	LSAS	40	30	35	30.12	18.48	11.64	NM	NM
EW-UAFG-1	6/2/2006	AF Gravels	108	98	108	31.66	20.17	11.49	NM	NM
EXL-1 (EW-108)	8/31/2005	LSAS	40.5	35.5	40.5	30.09	30.83	-0.74	NM	NM
EXU-1 (EW-101)	8/30/2005	USAS	30	15	30	30.31	16.38	13.93	NM	NM
IWI-1	9/2/2005	AF Gravels	110	100	110	31.71	20.35	11.36	NM	NM
IWI-2	9/12/2005	Clay/Sand Zone 3 & 4	175	162	172	31.62	19.62	12.00	NM	NM
MW-2 ^{1/}	2/1/2001	USAS	18.51	5	20	29.85	NM	NM	NM	NM
MW-3	2/1/2001	USAS	17.95	5	20	30.52	5.80	24.72	NM	NM
MW-4	2/1/2001	USAS	18.87	4	19	31.88	6.80	25.08	NM	NM
MW-5	2/1/2003	USAS	10.32	4	10	32.17	6.31	25.86	NM	NM
MW-6	2/1/2003	USAS	10.25	4	10	31.92	6.05	25.87	NM	NM
MW-7D	2/1/2003	USAS	19.96	15	20	31.30	5.17	26.13	NM	NM
MW-7S	2/1/2003	USAS	9.99	4	10	31.50	5.24	26.26	NM	NM
MW-8D	2/1/2003	USAS	18.6	15	20	30.96	5.37	25.59	NM	NM
MW-8S	2/1/2003	USAS	10.47	4	10	30.99	5.41	25.58	NM	NM
MW-9D	2/1/2003	USAS	20	15	20	30.21	5.25	24.96	NM	NM
MW-9S	2/1/2003	USAS	10	4	10	30.24	5.23	25.01	NM	NM
MW-10	2/1/2003	USAS	20.21	15	20	31.74	7.40	24.34	NM	NM
MW-11	2/1/2003	USAS	19.43	15	20	31.59	6.53	25.06	NM	NM
MW-12	2/1/2003	USAS	20.36	15	20	31.04	6.40	24.64	NM	NM
MW-13D	2/1/2003	USAS	19.85	15	20	30.85	5.09	25.76	NM	NM
MW-13S	2/1/2003	USAS	9.97	4	10	30.66	4.92	25.74	NM	NM
MW-14D	2/1/2003	USAS	19.89	15	20	29.75	3.60	26.15	NM	NM
MW-14S	2/1/2003	USAS	9.76	4	10	29.74	3.63	26.11	NM	NM
MW-15D	2/1/2003	USAS	18.71	15	20	30.20	4.97	25.23	NM	NM
MW-15S	2/1/2003	USAS	9.8	4	10	30.09	4.81	25.28	NM	NM
MW-16D	2/1/2003	USAS	18.26	15	20	27.26	2.47	24.79	NM	NM
MW-16S	2/1/2003	USAS	9.73	4	10	27.26	2.53	24.73	NM	NM
MW-17D	10/1/2003	USAS	19	15	20	30.23	4.52	25.71	NM	NM
MW-17S	10/1/2003	USAS	9.3	4	10	30.09	4.40	25.69	NM	NM
MW-18D	10/1/2003	USAS	18.83	15	20	28.04	3.05	24.99	NM	NM
MW-18S	10/1/2003	USAS	9.59	4	10	28.00	2.90	25.10	NM	NM
MW-19	11/22/2004	Lower AF Sands	302	277.5	297.5	31.25	19.42	11.83	NM	NM
MW-20	12/1/2004	USAS	39.7	35	40	30.29	5.46	24.83	NM	NM
MW-21	12/4/2004	S&P Sands	148.8	135	145	28.88	18.60 ^{5/}	10.28 ^{5/}	NM	NM
MW-22	12/17/2004	Lower AF Sands	294.15	277	297	28.71	16.89	11.82	NM	NM
MW-23	12/6/2004	S&P Sands	171.91	152	172	28.70	17.38	11.32	NM	NM
MW-24	12/17/2004	USAS	34.93	30.5	35.5	30.01	5.41	24.60	NM	NM
MW-25	12/17/2004	USAS	43.38	36.4	43.4	29.58	4.35	25.23	NM	NM
MW-26	12/18/2004	USAS	23.72	21.5	26.5	26.76	3.51	23.25	NM	NM
MW-27	12/17/2004	USAS	34.58	30	35	27.06	2.95	24.11	NM	NM

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**TABLE 2-2
WELL CONSTRUCTION SUMMARY WITH GROUNDWATER AND SURFACE WATER ELEVATIONS**

**2011 GROUNDWATER MONITORING REPORT
LOCKHEED MARTIN TALLEVAST SITE
TALLEVAST, FLORIDA**

Well ID	Installation Date	Zone	Total Well Depth (ft bgs)	Screen Top (ft bgs)	Screen Bottom (ft bgs)	Top of Inner Casing (ft msl)	August 16, 2011 ⁴		August 17, 2011	
							Depth to Water (ft toc)	Water Elevation (ft msl)	Depth to Water (ft toc)	Water Elevation (ft msl)
MW-28	12/17/2004	USAS	29.69	25	30	27.81	3.02	24.79	NM	NM
MW-29	12/17/2004	USAS	29.83	25	30	27.73	2.87	24.86	NM	NM
MW-30	12/15/2004	USAS	28.47	23.5	28.5	29.24	4.25	24.99	NM	NM
MW-31	12/15/2004	Lower AF Sands	213.41	275	295	28.49	16.45	12.04	NM	NM
MW-32	12/18/2004	USAS	30.17	24.5	29.5	30.83	6.86	23.97	NM	NM
MW-33	12/18/2004	LSAS	41.9	35.5	40.5	30.82	28.89	1.93	21.93	8.89
MW-34	12/20/2004	S&P Sands	157.72	145	155	29.99	17.52	12.47	NM	NM
MW-35	12/16/2004	USAS	30.39	25	30	29.80	3.81	25.99	NM	NM
MW-36	1/8/2005	USAS	27.85	23	28	31.72	10.62	21.10	NM	NM
MW-37	12/19/2004	LSAS	40.55	35.5	40.5	31.60	24.02	7.58	NM	NM
MW-38	1/8/2005	USAS	27.98	23	28	31.15	7.58	23.57	NM	NM
MW-39	12/19/2004	LSAS	40.42	35.5	40.5	31.18	18.41	12.77	19.74	11.44
MW-40	1/8/2005	USAS	27.75	23	28	31.32	6.82	24.50	NM	NM
MW-41	12/21/2004	LSAS	40.97	35.5	40.5	31.22	23.01	8.21	NM	NM
MW-42	12/21/2004	USAS	26.97	23	28	31.49	7.53	23.96	NM	NM
MW-43	12/21/2004	LSAS	40.15	35.5	40.5	31.48	23.50	7.98	NM	NM
MW-44	12/19/2004	S&P Sands	150.25	142	152	30.88	18.91	11.97	NM	NM
MW-45	1/3/2005	S&P Sands	162.79	150	160	30.58	18.58	12.00	NM	NM
MW-46	12/21/2004	Lower AF Sands	299.7	280	300	27.33	14.94	12.39	NM	NM
MW-47	12/20/2004	USAS	26.81	22	27	29.42	4.69	24.73	NM	NM
MW-48	12/20/2004	LSAS	38.45	33.5	38.5	30.40	20.71	9.69	NM	NM
MW-49	1/3/2005	S&P Sands	153.22	146	156	29.37	18.57	10.80	NM	NM
MW-50	1/11/2005	Lower AF Sands	252.35	245	255	27.56	15.11	12.45	NM	NM
MW-51	1/11/2005	Lower AF Sands	271.75	261.6	271.6	26.89	14.44	12.45	NM	NM
MW-52	1/7/2005	S&P Sands	156.44	147	157	27.11	16.40	10.71	NM	NM
MW-53	1/7/2005	S&P Sands	150.06	141	151	27.77	17.00	10.77	NM	NM
MW-54	12/30/2004	S&P Sands	155.79	145	155	26.88	16.34	10.54	NM	NM
MW-55	1/8/2005	AF Gravels	138.63	127	137	30.03	18.25	11.78	NM	NM
MW-56	1/10/2005	S&P Sands	157.88	145	155	27.28	15.12	12.16	NM	NM
MW-57	1/9/2005	S&P Sands	149.14	136	146	30.35	17.68	12.67	NM	NM
MW-58	12/17/2004	S&P Sands	152.71	140	150	31.26	18.52	12.74	NM	NM
MW-59	1/4/2005	S&P Sands	157.73	140	150	28.48	15.41	13.07	15.38	13.10
MW-60	1/7/2005	S&P Sands	158.45	145	155	28.33	15.92	12.41	NM	NM
MW-61	1/11/2005	S&P Sands	147.97	135	145	27.50	15.59	11.91	NM	NM
MW-62	1/5/2005	USAS	22.11	17.5	22.5	27.35	2.96	24.39	NM	NM
MW-63	1/3/2005	USAS	30.64	25	30	27.37	2.81	24.56	NM	NM
MW-64	1/3/2005	USAS	30.98	25	30	27.38	2.73	24.65	NM	NM
MW-65	1/3/2005	USAS	22.75	19	24	28.76	3.25	25.51	3.25	25.51
MW-66	1/4/2005	USAS	22.72	18.5	23.5	29.20	3.25	25.95	NM	NM
MW-67	1/4/2005	USAS	28.31	24	29	30.79	5.12	25.67	NM	NM
MW-68	1/3/2005	LSAS	41.41	35.5	40.5	28.60	15.72	12.88	NM	NM
MW-69	1/4/2005	USAS	28.45	23	28	26.91	4.07	22.84	NM	NM
MW-70	12/29/2004	USAS	27.41	23	28	31.54	6.95	24.59	NM	NM
MW-71	12/29/2004	USAS	28.28	24	29	31.23	7.92	23.31	7.33	23.90
MW-72	12/19/2004	USAS	28.77	23.5	28.5	30.97	5.05	25.92	NM	NM
MW-73	1/4/2005	USAS	26.84	22	27	26.03	2.83	23.20	NM	NM
MW-74	1/4/2005	USAS	33.34	27.5	32.5	27.90	2.60	25.30	NM	NM
MW-75	1/3/2005	USAS	43.95	39.5	44.5	31.38	6.05	25.33	NM	NM
MW-76	1/4/2005	USAS	27.79	23	28	30.84	6.37	24.47	NM	NM
MW-77	1/5/2005	LSAS	37.84	36	40.5	29.52	20.55	8.97	NM	NM
MW-78	1/6/2005	LSAS	40.1	36	41	30.23	12.25	17.98	NM	NM

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**TABLE 2-2
WELL CONSTRUCTION SUMMARY WITH GROUNDWATER AND SURFACE WATER ELEVATIONS**

**2011 GROUNDWATER MONITORING REPORT
LOCKHEED MARTIN TALLEVAST SITE
TALLEVAST, FLORIDA**

Well ID	Installation Date	Zone	Total Well Depth (ft bgs)	Screen Top (ft bgs)	Screen Bottom (ft bgs)	Top of Inner Casing (ft msl)	August 16, 2011 ^{4/}		August 17, 2011	
							Depth to Water (ft toc)	Water Elevation (ft msl)	Depth to Water (ft toc)	Water Elevation (ft msl)
MW-79	1/7/2005	LSAS	40.41	36	41	30.11	15.66	14.45	NM	NM
MW-80	1/8/2005	LSAS	41.57	36	41	30.99	18.96	12.03	NM	NM
MW-81	1/7/2005	LSAS	41.09	36	41	31.01	22.29	8.72	NM	NM
MW-82	1/11/2005	LSAS	41.63	36.5	41.5	27.24	3.19	24.05	3.26	23.98
MW-83	1/11/2005	AF Gravels	112	102	112	25.51	14.74	10.77	NM	NM
MW-84	1/11/2005	LSAS	41.65	35.5	40.5	31.15	18.10	13.05	NM	NM
MW-85	1/11/2005	LSAS	54.7	50	55	29.28	9.10	20.18	NM	NM
MW-86	1/11/2005	LSAS	35.62	30	35	28.77	15.91 ^{5/}	12.86 ^{5/}	NM	NM
MW-87	1/11/2005	LSAS	41.55	36	41	29.95	8.71	21.24	NM	NM
MW-88	1/10/2005	Clay/Sand Zone 1	87	76	86	27.28	12.63	14.65	NM	NM
MW-89	1/11/2005	USAS	32.8	27	32	29.50	3.70	25.80	NM	NM
MW-90	1/17/2005	USAS	30.05	25.5	30.5	27.95	2.83	25.12	NM	NM
MW-91	1/17/2005	LSAS	38.91	32.5	37.5	27.66	12.76	14.90	NM	NM
MW-92	1/17/2005	LSAS	37.95	33	38	27.35	14.01	13.34	NM	NM
MW-93	1/18/2005	LSAS	37.49	33	38	27.73	14.66	13.07	NM	NM
MW-94	1/19/2005	USAS	27	22	27	25.40	1.87	23.53	NM	NM
MW-95	1/19/2005	USAS	25.2	20	25	24.85	1.65	23.20	NM	NM
MW-96	2/3/2005	Clay/Sand Zone 3 & 4		196	206	25.14	15.11	10.03	NM	NM
MW-97	2/5/2005	Clay/Sand Zone 3 & 4		208	226	25.29	15.04	10.25	NM	NM
MW-98	2/4/2005	LSAS		33	38	25.75	3.32	22.43	NM	NM
MW-99	2/6/2005	Clay/Sand Zone 1		71	81	25.26	10.61	14.65	NM	NM
MW-100	2/6/2005	USAS	30	25	30	25.23	4.06	21.17	NM	NM
MW-101	2/7/2005	LSAS	58	53	58	30.09	8.71	21.38	NM	NM
MW-102	2/8/2005	AF Gravels	99.8	90	100	26.10	12.13	13.97	NM	NM
MW-103	2/8/2005	USAS	30	25	30	26.19	4.74	21.45	NM	NM
MW-104	2/9/2005	USAS	30.4	25.4	30.4	26.39	2.54	23.85	NM	NM
MW-105	2/9/2005	LSAS	46.8	41.8	46.8	26.41	11.12	15.29	NM	NM
MW-106	3/16/2005	LSAS	45	40	45	28.31	6.49	21.82	NM	NM
MW-107	4/4/2005	USAS	26	21	26	24.72	2.36	22.36	NM	NM
MW-108	3/15/2005	USAS	28	23	28	24.36	2.85	21.51	NM	NM
MW-109	3/15/2005	USAS	28	23	28	28.45	4.32	24.13	NM	NM
MW-110	3/15/2005	USAS	28	23	28	28.80	3.87 ^{5/}	24.93 ^{5/}	NM	NM
MW-111	3/15/2005	USAS	28	23	28	26.37	2.41	23.96	NM	NM
MW-112	3/16/2005	Clay/Sand Zone 1	86	76	86	28.28	13.64	14.64	NM	NM
MW-113	3/15/2005	LSAS	42	37	42	26.31	12.72	13.59	NM	NM
MW-114	4/4/2005	USAS	40	35	40	24.79	1.83	22.96	NM	NM
MW-115	5/23/2005	USAS	25	20	25	30.21	6.81	23.40	NM	NM
MW-116	5/23/2005	USAS	26	21	26	21.84	0.99	20.85	NM	NM
MW-117	5/24/2005	LSAS	42	37	42	21.56	7.23	14.33	NM	NM
MW-118	5/24/2005	USAS	25	20	25	21.47	4.81	16.66	NM	NM
MW-119	5/24/2005	LSAS	36	31	36	21.18	6.57	14.61	NM	NM
MW-120	5/24/2005	USAS	25	20	25	21.18	1.51	19.67	NM	NM
MW-121	5/24/2005	USAS	23	18	23	21.35	7.66	13.69	7.66	13.69
MW-122	5/24/2005	USAS	26	21	26	20.06	5.71	14.35	NM	NM
MW-123	6/20/2005	Floridan	395	375	395	30.90	14.03	16.87	14.13	16.77
MW-124	7/20/2005	Clay/Sand Zone 2	137	127	137	28.97	14.43	14.54	NM	NM
MW-125	7/21/2005	Venice Clay	35	30	35	29.52	7.74	21.78	NM	NM
MW-126	7/20/2005	USAS	32	27	32	28.32	6.50	21.82	NM	NM
MW-127	8/30/2005	AF Gravels		100	110	31.74	23.20	8.54	20.04	11.70
MW-128	9/1/2005	S&P Sands		140	150	31.59	19.40	12.19	NM	NM
MW-129	9/7/2005	AF Gravels		103	113	31.41	18.63	12.78	NM	NM

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**TABLE 2-2
WELL CONSTRUCTION SUMMARY WITH GROUNDWATER AND SURFACE WATER ELEVATIONS**

**2011 GROUNDWATER MONITORING REPORT
LOCKHEED MARTIN TALLEVAST SITE
TALLEVAST, FLORIDA**

Well ID	Installation Date	Zone	Total Well Depth (ft bgs)	Screen Top (ft bgs)	Screen Bottom (ft bgs)	Top of Inner Casing (ft msl)	August 16, 2011 ^{4/}		August 17, 2011	
							Depth to Water (ft toc)	Water Elevation (ft msl)	Depth to Water (ft toc)	Water Elevation (ft msl)
MW-130	9/8/2005	AF Gravels		100	110	30.37	17.16	13.21	NM	NM
MW-131	9/9/2005	AF Gravels		100	110	27.33	16.42	10.91	NM	NM
MW-132	9/10/2005	AF Gravels		101	111	30.07	18.88	11.19	NM	NM
MW-133	9/13/2005	AF Gravels		100	110	27.68	16.75	10.93	NM	NM
MW-134	9/14/2005	AF Gravels		103	113	31.10	19.92	11.18	NM	NM
MW-135	9/15/2005	AF Gravels		94	104	27.64	16.54 ^{5/}	11.10 ^{5/}	NM	NM
MW-136	10/27/2005	AF Gravels		98.5	108.5	25.23	14.87	10.36	NM	NM
MW-137	12/28/2005	USAS	22	17	22	25.49	2.00	23.49	NM	NM
MW-138	12/28/2005	LSAS	43	38	43	25.49	12.00	13.49	NM	NM
MW-139	12/28/2005	S&P Sands	157	147	157	25.46	15.82	9.64	NM	NM
MW-140	12/28/2005	Lower AF Sands	300	280	300	25.52	14.73	10.79	NM	NM
MW-141	12/27/2005	USAS	20	15	20	25.55	2.12	23.43	NM	NM
MW-142	12/27/2005	LSAS	31	26	31	25.64	2.38	23.26	NM	NM
MW-143	12/27/2005	AF Gravels	106	96	106	25.60	14.82	10.78	NM	NM
MW-144	12/27/2005	S&P Sands	150	140	150	25.51	16.20	9.31	NM	NM
MW-145	12/27/2005	Lower AF Sands	300	280	300	25.45	13.70	11.75	NM	NM
MW-146	12/19/2005	USAS	24.5	19.5	24.5	26.06	2.31	23.75	NM	NM
MW-147	12/19/2005	LSAS	34.5	29.5	34.5	25.94	2.32	23.62	NM	NM
MW-148	12/19/2005	AF Gravels	105.5	95.5	105.5	25.90	15.10	10.80	NM	NM
MW-149	12/19/2005	S&P Sands	155	145	155	26.20	15.99	10.21	NM	NM
MW-150	12/19/2005	Lower AF Sands	305	285	305	26.09	13.65	12.44	NM	NM
MW-151	1/8/2006	USAS	22	17	22	22.44	3.75	18.69	NM	NM
MW-152	1/8/2006	LSAS	42.5	37.5	42.5	22.21	7.66	14.55	NM	NM
MW-153	1/12/2006	AF Gravels	107	97	107	22.50	9.71	12.79	NM	NM
MW-154	1/8/2006	S&P Sands	154.5	144.5	154.5	22.25	9.71	12.54	NM	NM
MW-155	1/8/2006	Lower AF Sands	304	284	304	22.34	10.65	11.69	NM	NM
MW-156	1/9/2006	USAS	20	15	20	24.81	1.42	23.39	NM	NM
MW-157	1/9/2006	LSAS	38	33	38	24.74	11.23	13.51	NM	NM
MW-158	1/9/2006	AF Gravels	110	100	110	24.78	13.96	10.82	NM	NM
MW-159	1/9/2006	S&P Sands	150	140	150	24.68	15.32	9.36	NM	NM
MW-160	1/9/2006	Lower AF Sands	300	280	300	24.72	11.99	12.73	NM	NM
MW-161	1/20/2006	Floridan	401	381	401	24.91	8.30	16.61	NM	NM
MW-162	1/19/2006	USAS	16	11	16	25.38	2.40	22.98	NM	NM
MW-163	1/19/2006	LSAS	35	30	35	25.60	12.27	13.33	NM	NM
MW-164	1/18/2006	AF Gravels	102	92	102	25.59	15.38	10.21	NM	NM
MW-165	2/15/2006	S&P Sands	152	142	152	25.35	16.05	9.30	NM	NM
MW-166	1/24/2006	Lower AF Sands	301	281	301	25.69	14.00	11.69	NM	NM
MW-167	1/31/2006	USAS	25	20	25	27.05	3.47	23.58	NM	NM
MW-168	1/31/2006	LSAS	47	42	47	27.41	5.51	21.90	NM	NM
MW-169	1/25/2006	AF Gravels	116	106	116	27.48	20.44	7.04	NM	NM
MW-170	2/1/2006	Lower AF Sands	300	280	300	27.50	17.14	10.36	NM	NM
MW-171	1/19/2006	LSAS	40	35	40	21.49	8.51	12.98	NM	NM
MW-172	1/19/2006	AF Gravels	110	100	110	21.53	11.98	9.55	NM	NM
MW-173	1/18/2006	S&P Sands	152	142	152	21.42	12.08	9.34	NM	NM
MW-174	1/23/2006	Lower AF Sands	295	275	295	21.39	11.68	9.71	NM	NM
MW-175	1/17/2006	AF Gravels	108.3	98.3	108.3	27.80	20.36	7.44	18.50	9.30
MW-176	1/17/2006	S&P Sands	160	150	160	29.01	20.35	8.66	NM	NM
MW-177	1/16/2006	Lower AF Sands	305	285	305	29.28	17.76	11.52	NM	NM
MW-178	1/22/2006	LSAS	36.5	31.5	36.5	21.82	12.95	8.87	12.78	9.04
MW-179	1/22/2006	AF Gravels	103	93	103	21.87	13.24	8.63	NM	NM
MW-180	1/21/2006	S&P Sands	150.3	145.3	155.3	21.97	15.09	6.88	NM	NM

Footnotes on Page 7.

**TABLE 2-2
WELL CONSTRUCTION SUMMARY WITH GROUNDWATER AND SURFACE WATER ELEVATIONS**

**2011 GROUNDWATER MONITORING REPORT
LOCKHEED MARTIN TALLEVAST SITE
TALLEVAST, FLORIDA**

Well ID	Installation Date	Zone	Total Well Depth (ft bgs)	Screen Top (ft bgs)	Screen Bottom (ft bgs)	Top of Inner Casing (ft msl)	August 16, 2011 ^{4/}		August 17, 2011	
							Depth to Water (ft toc)	Water Elevation (ft msl)	Depth to Water (ft toc)	Water Elevation (ft msl)
MW-181	1/19/2006	Lower AF Sands	295	275	295	22.09	15.69	6.40	13.63	8.46
MW-182	2/2/2006	S&P Sands	174	164	174	27.19	16.86	10.33	NM	NM
MW-183	2/2/2006	USAS	20	15	20	24.20	1.71	22.49	NM	NM
MW-184	2/7/2006	LSAS	33	28	33	24.22	11.01	13.21	NM	NM
MW-185	2/15/2006	AF Gravels	95	85	95	24.30	13.94	10.36	NM	NM
MW-186	2/14/2006	S&P Sands	160	150	160	24.37	14.79	9.58	NM	NM
MW-187	2/7/2006	Lower AF Sands	300	280	300	24.34	11.25	13.09	NM	NM
MW-188	2/28/2006	USAS	18.08	12	17	21.97	3.07	18.90	NM	NM
MW-189	2/17/2006	LSAS	32.24	28	33	22.21	7.71	14.50	NM	NM
MW-190	2/28/2006	AF Gravels	99.2	90	100	22.11	12.70	9.41	NM	NM
MW-191	2/28/2006	S&P Sands	156	146	156	21.97	13.81	8.16	NM	NM
MW-192	2/21/2006	Lower AF Sands	300	280	300	21.85	8.15	13.70	NM	NM
MW-193	2/17/2006	AF Gravels	100	90	100	21.77	11.22	10.55	NM	NM
MW-194	2/21/2006	S&P Sands	155	145	155	21.70	11.45	10.25	NM	NM
MW-195	2/20/2006	Lower AF Sands	300	280	300	22.08	11.00	11.08	NM	NM
MW-196	3/7/2006	AF Gravels	100	90	100	26.67	18.95	7.72	16.50	10.17
MW-197	3/8/2006	AF Gravels	116	106	116	28.99	19.85	9.14	NM	NM
MW-198	3/6/2006	USAS	16	11	16	20.55	2.47	18.08	NM	NM
MW-199	3/6/2006	LSAS	35	30	35	20.42	10.45	9.97	NM	NM
MW-200	3/5/2006	AF Gravels	100	90	100	20.62	11.58	9.04	NM	NM
MW-201	3/4/2006	S&P Sands	160	150	160	20.54	10.76	9.78	NM	NM
MW-202	3/3/2006	Lower AF Sands	300	280	300	20.62	8.43	12.19	NM	NM
MW-203 ^{2/}	3/8/2006	Floridan	410	390	410	27.20	NM	NM	NM	NM
MW-204	3/7/2006	USAS	16	11	16	21.14	2.95	18.19	NM	NM
MW-205	3/7/2006	LSAS	35	30	35	21.21	9.94	11.27	NM	NM
MW-206	3/7/2006	AF Gravels	100	90	100	21.24	10.56	10.68	NM	NM
MW-207	3/16/2006	Lower AF Sands	301	281	301	21.57	9.85	11.72	NM	NM
MW-208	4/3/2006	USAS	21	16	21	15.43	2.48	12.95	NM	NM
MW-209	3/27/2006	LSAS	46	41	46	15.24	6.90	8.34	NM	NM
MW-210	3/13/2006	AF Gravels	103	93	103	15.52	7.65	7.87	NM	NM
MW-211	3/27/2006	S&P Sands	150	140	150	15.39	5.97	9.42	NM	NM
MW-212	3/17/2006	Lower AF Sands	301	281	301	15.56	6.06	9.50	NM	NM
MW-213	3/19/2006	USAS	20	15	20	25.28	1.54	23.74	NM	NM
MW-214	3/19/2006	LSAS	35	30	35	25.19	11.79	13.40	NM	NM
MW-215	3/18/2006	AF Gravels	100	90	100	25.16	14.66	10.50	NM	NM
MW-216	3/18/2006	S&P Sands	150	140	150	25.20	15.41	9.79	NM	NM
MW-217	3/16/2006	Lower AF Sands	300	280	300	25.14	13.15	11.99	NM	NM
MW-218 ^{3/}	4/2/2006	Floridan	435	365	385	26.03	NM	NM	NM	NM
MW-219	3/14/2006	USAS	27	22	27	21.91	2.49	19.42	NM	NM
MW-220	3/14/2006	LSAS	44	39	44	22.04	3.32	18.72	NM	NM
MW-221	3/14/2006	AF Gravels	107	97	107	22.24	8.82	13.42	NM	NM
MW-222	3/15/2006	S&P Sands	143	133	143	22.23	8.98	13.25	NM	NM
MW-223	3/19/2006	Hard Streak Clay	15	10	15	17.11	4.39	12.72	NM	NM
MW-224	3/19/2006	Venice Clay	30	25	30	17.22	4.59	12.63	NM	NM
MW-225	3/18/2006	Venice Clay	45	40	45	17.13	5.58	11.55	NM	NM
MW-226	3/17/2006	AF Gravels	100	90	100	17.14	5.63	11.51	NM	NM
MW-227	3/18/2006	S&P Sands	155	145	155	17.40	4.06	13.34	NM	NM
MW-228	3/17/2006	AF Gravels	108	98	108	20.73	15.22	5.51	NM	NM
MW-229	3/19/2006	USAS	22.5	17.5	22.5	30.14	6.47	23.67	NM	NM
MW-230	3/18/2006	LSAS	36	31	36	30.02	6.98	23.04	6.95	23.07
MW-231	3/18/2006	AF Gravels	107	97	107	29.97	20.71	9.26	20.14	9.83
MW-232	3/20/2006	AF Gravels	108	98	108	29.51	17.70	11.81	NM	NM

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**TABLE 2-2
WELL CONSTRUCTION SUMMARY WITH GROUNDWATER AND SURFACE WATER ELEVATIONS**

**2011 GROUNDWATER MONITORING REPORT
LOCKHEED MARTIN TALLEVAST SITE
TALLEVAST, FLORIDA**

Well ID	Installation Date	Zone	Total Well Depth (ft bgs)	Screen Top (ft bgs)	Screen Bottom (ft bgs)	Top of Inner Casing (ft msl)	August 16, 2011 ⁴		August 17, 2011	
							Depth to Water (ft toc)	Water Elevation (ft msl)	Depth to Water (ft toc)	Water Elevation (ft msl)
MW-233	3/20/2006	AF Gravels	100	90	100	30.49	18.32	12.17	18.14	12.35
MW-234	3/21/2006	USAS	20	15	20	24.68	1.37	23.31	NM	NM
MW-235	3/21/2006	LSAS	40	35	40	24.71	11.72	12.99	NM	NM
MW-236	3/21/2006	AF Gravels	100	90	100	24.77	14.29	10.48	NM	NM
MW-237	3/31/2006	S&P Sands	155	145	155	24.76	14.82	9.94	NM	NM
MW-238	3/30/2006	Lower AF Sands	300	280	300	24.54	13.60	10.94	NM	NM
MW-239	3/21/2006	AF Gravels	108	98	108	28.43	17.42	11.01	NM	NM
MW-240	3/27/2006	S&P Sands	166.5	156.5	166.5	27.58	19.79	7.79	NM	NM
MW-241	4/3/2006	Lower AF Sands	301	281	301	17.28	7.41	9.87	NM	NM
MW-242	3/30/2006	USAS	25	20	25	22.60	2.65	19.95	NM	NM
MW-243	3/29/2006	LSAS	38	33	38	22.62	11.91	10.71	NM	NM
MW-244	3/29/2006	AF Gravels	116	106	116	22.66	12.81	9.85	NM	NM
MW-245	4/3/2006	Hard Streak Clay	22	17	22	18.92	4.89	14.03	NM	NM
MW-246	4/3/2006	LSAS	45	40	45	18.96	13.23	5.73	13.06	5.90
MW-247	4/2/2006	AF Gravels	108	98	108	19.01	12.30	6.71	NM	NM
MW-248	4/4/2006	AF Gravels	113	103	113	26.57	15.59	10.98	NM	NM
MW-249	1/31/2007	AF Gravels	98	88	98	22.60	12.50	10.10	NM	NM
MW-250	2/1/2007	AF Gravels	90	90	100	26.77	16.30	10.47	15.66	11.11
MW-251	4/14/2007	Floridan	400	380	400	27.37	10.92	16.45	NM	NM
MW-252	11/20/2007	S&P Sands	155	145	155	31.56	19.26	12.30	NM	NM
MW-253	11/21/2007	AF Gravels	110	100	110	31.48	19.80	11.68	NM	NM
MW-254 (MW-BT-1)	12/17/2007	USAS	29.5	24	29	31.39	7.60	23.79	NM	NM
MW-255	2/24/2010	AF Gravels	100	90	100	24.25	14.35	9.90	NM	NM
PZ-LSAS-1	11/26/2007	LSAS	35.45	30	35	31.12	8.04	23.08	NM	NM
PZ-LSAS-2	11/26/2007	LSAS	36.5	30	35	31.44	9.51	21.93	NM	NM
PZ-LSAS-3	11/27/2007	LSAS	33.57	29	34	32.16	10.80	21.36	NM	NM
PZ-LSAS-4	11/27/2007	LSAS	35.44	30	35	31.60	11.85	19.75	NM	NM
PZ-LSAS-5	11/27/2007	LSAS	32.87	28.3	33.3	31.61	10.75	20.86	NM	NM
PZ-LSAS-6	11/27/2007	LSAS	35.75	30	35	32.73	11.41	21.32	NM	NM
PZ-LSAS-7	11/29/2007	LSAS	33.74	28	33	31.90	11.90	20.00	NM	NM
RW-1		USAS		15	20	31.98	7.33	24.65	NM	NM
RW-2		USAS		15	20	31.27	6.50	24.77	NM	NM
Staff Gauge-1		Surface				25.53	NM	NM	NM	NM
Staff Gauge-2	2/13/2007	Surface				28.62	0.50	28.12	NM	NM
Staff Gauge-3	2/13/2007	Surface				17.41	1.24	16.17	NM	NM
Staff Gauge-4	2/13/2007	Surface				24.18	0.78	23.40	NM	NM
Staff Gauge-5	2/13/2007	Surface				26.93	NM	NM	NM	NM
Staff Gauge-6		Surface				19.82	NM	NM	NM	NM
Staff Gauge-7	11/7/2007	Surface				13.18	2.30	10.88	NM	NM
Staff Gauge-8	11/13/2007	Surface				26.38	NM	NM	NM	NM
Staff Gauge-9	11/17/2007	Surface				24.93	1.15	23.78	NM	NM
Stilling Well-1R	2011	Surface				28.37	2.65	25.72	NM	NM
Stilling Well-2	11/7/2007	Surface				14.55	2.10	12.45	NM	NM
Stilling Well-3	11/13/2007	Surface				26.04	2.79	23.25	NM	NM
Stilling Well-4	11/17/2007	Surface				26.96	3.88	23.08	NM	NM
Stilling Well-5		Surface					NM	NM	NM	NM
TW-84-A	10/11/2007	USAS	12	2	12	32.10	7.00	25.10	NM	NM
TW-84-B	10/11/2007	USAS	12	2	12	32.07	6.78	25.29	NM	NM

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**TABLE 2-2
WELL CONSTRUCTION SUMMARY WITH GROUNDWATER AND SURFACE WATER ELEVATIONS**

**2010 GROUNDWATER MONITORING REPORT
LOCKHEED MARTIN TALLEVAST SITE
TALLEVAST, FLORIDA**

Footnotes:

AF Gravels = Arcadia Formation Gravels

ft bgs = feet below ground surface

ft msl = feet above mean sea level

ft toc = feet below top of casing

Irrigation Well = well is a private irrigation well

Lower AF = Lower Arcadia Formation

LSAS = Lower Shallow Aquifer System

NM = Not measured

NS = Not surveyed

S&P Sands = Salt & Pepper Sands

USAS = Upper Surficial Aquifer System

^{1/} = MW-2 was removed in 2006

^{2/} = MW-203 contains in place plumbing that does not leave sufficient space for a water level meter probe. This well cannot be gauged.

^{3/} = MW-218 was closed in 2010

^{4/} = Unless otherwise noted, water levels were measured on August 16, 2011

^{5/} = Water level measured on August 18, 2011

TABLE 4-1
PROPOSED AND REVISED ANNUAL GROUNDWATER SAMPLING PROGRAM

2011 GROUNDWATER MONITORING REPORT
LOCKHEED MARTIN TALLEVAST SITE
TALLEVAST, FLORIDA

USAS	LSAS	AF Gravels	S&P Sands	Lower AF Sands	Floridan
MW-100	MW-33	1201 TALLEVAST RD	MW-21	MW-19	7500 26TH CT E
MW-103	MW-37	2400 TALLEVAST RD	MW-23	MW-22	7864 16TH ST E
MW-104	MW-39	7561/7571 15TH ST E	MW-34	MW-31	MW-123
MW-107	MW-41	8006 15TH ST E	MW-44	MW-50	MW-161
MW-108	MW-43	EW-UAFG-1	MW-45	MW-51	MW-203
MW-109	MW-48	IWI-1	MW-49	MW-150	MW-251
MW-11	MW-68	MW-55	MW-52	MW-155	2411 Tallevast Rd Well #2
MW-110	MW-77	MW-83	MW-53	MW-160	7851 15TH ST E #2 **
MW-111	MW-78	MW-102	MW-54		8005 15TH ST E #2 **
MW-114	MW-79	MW-127	MW-56		7921 15TH ST E #2 **
MW-115	MW-80	MW-129	MW-57		
MW-116	MW-81	MW-130	MW-58		
MW-118	MW-82	MW-131	MW-59		
MW-120	MW-84	MW-132	MW-60		
MW-121	MW-85	MW-133	MW-128		
MW-126	MW-86	MW-134	MW-182		
MW-137	MW-87	MW-135	MW-240		
MW-13D	MW-91	MW-136	MW-252		
MW-141	MW-92	MW-143	IWI-2 *		
MW-146	MW-93	MW-148			
MW-151	MW-98	MW-153			
MW-156	MW-101	MW-158			
MW-15D	MW-105	MW-164			
MW-162	MW-106	MW-169			
MW-16D	MW-113	MW-175			
MW-17D	MW-117	MW-185			
MW-20	MW-119	MW-200			
MW-219	MW-142	MW-215			
MW-229	MW-152	MW-221			
MW-24	MW-163	MW-231			
MW-242	MW-168	MW-232			
MW-25	MW-178	MW-233			
MW-254 (MW-BT-1)	MW-220	MW-239			
MW-26	MW-230	MW-248			
MW-27	MW-243	MW-249			
MW-28	PZ-LSAS-1	MW-250			
MW-29	PZ-LSAS-2	MW-253			
MW-30	PZ-LSAS-3	MW-255			
MW-32	PZ-LSAS-4	MW-124 ** ††			
MW-35	PZ-LSAS-5				
MW-36	PZ-LSAS-6				
MW-38	PZ-LSAS-7				
MW-40					
MW-42					
MW-47					
MW-62					
MW-63					
MW-64					
MW-65					
MW-67					
MW-69					
MW-70					
MW-71					
MW-72					
MW-73					
MW-74					
MW-75					
MW-76					
MW-7D					
MW-89					
MW-8D					
MW-90					
MW-94					
MW-95					
MW-9D					

Footnotes:
 * Clay/Sand Zone 3 & 4
 † Clay/Sand Zone 2
 AF Gravels = Arcadia Formation Gravels
 LSAS = Lower Shallow Aquifer System
 Lower AF Sands = Lower Arcadia Formation Sands
 S&P Sands = Salt & Pepper Sands
 USAS = Upper Surficial Aquifer System
 8006 15TH ST E = Indicates well has been abandoned
 and removed from annual sampling program
 ** = Well added to 2012 annual sampling program

TABLES