



TETRA TECH, INC.

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April 14, 2005

Mr. William Kutash
Waste Management Administrator
Florida Department of Environmental Protection
Southwest District Office
3804 Coconut Palm Drive
Tampa, Florida 33619-8318

Subject: Interim Data Report 2
Supplemental Site Assessment
Former American Beryllium Company Site
Tallevast, Florida

Dear Mr. Kutash:

On behalf of Lockheed Martin Corporation (LMC), Tetra Tech, Inc (Tetra Tech) is submitting this Interim Data Report for the former American Beryllium Company (ABC) Site located at 1600 Tallevast Road in Tallevast, Florida. This report provides a summary of the additional field activities conducted at the ABC site subsequent to submittal of the Interim Data Report dated March 10, 2005.

Additional Assessment Activities

As per previous discussions between LMC and representatives of the Florida Department of Environmental Protection (FDEP), additional assessment activities were conducted at the former ABC site to further delineate the extent of contaminants of concern (COC). All assessment activities were performed in accordance with the FDEP approved Site Assessment Plan Addendum dated October 2004. The following activities were performed during the additional assessment:

1. Installed six additional monitoring wells (MW-107, MW-108, MW-109, MW-110, MW-111, and MW-114) in the Upper Surficial Aquifer System (USAS).
2. Installed two additional monitoring wells (MW-106 and MW-113) in the Lower Surficial Aquifer System (LSAS).
3. Installed one additional monitoring well (MW-112) in the Intermediate Aquifer System (IAS).
4. Collected groundwater samples from all new monitoring wells.

The laboratory analytical results from the additional assessment activities have been summarized on tables and plotted on site maps. The following tables and figures are provided as attachments:

- Table 1 – Monitoring Well Construction Data
- Table 2 – Fixed-Base Laboratory Results for the Surficial Aquifer System
- Table 3 – Fixed-Base Laboratory Results for the Intermediate Aquifer System
- Figure 1 - TCE Concentrations in the Upper Surficial Aquifer System
- Figure 2 - PCE Concentrations in the Upper Surficial Aquifer System
- Figure 3 - 1,1-DCA Concentrations in the Upper Surficial Aquifer System

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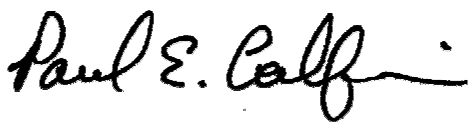
Figure 4 - 1,1-DCE Concentrations in the Upper Surficial Aquifer System
Figure 5 - cis 1,2-DCE Concentrations in the Upper Surficial Aquifer System
Figure 6 - 1,4-Dioxane Concentrations in the Upper Surficial Aquifer System
Figure 7 - TCE Concentrations in the Lower Surficial Aquifer System
Figure 8 - PCE Concentrations in the Lower Surficial Aquifer System
Figure 9 - 1,1-DCA Concentrations in the Lower Surficial Aquifer System
Figure 10 - 1,1-DCE Concentrations in the Lower Surficial Aquifer System
Figure 11 - cis 1,2-DCE Concentrations in the Lower Surficial Aquifer System
Figure 12 - 1,4-Dioxane Concentrations in the Lower Surficial Aquifer System
Figure 13 - TCE Concentrations in the Intermediate Aquifer System
Figure 14 - 1,1-DCE Concentrations in the Intermediate Aquifer System
Figure 15 - Composite Plume Map.

The results presented on the attached tables and figures indicate that the extent of contamination in the IAS has been delineated in all directions for all COCs. In addition, the extent of contamination in the SAS has been delineated in all directions except to the northwest and west. Additional assessment is required to further delineate the extent of contamination in the SAS in these directions.

As discussed with the FDEP in a teleconference on April 6, 2005, LMC is currently negotiating access agreements to install five additional monitoring wells to the west and northwest of the site. The additional assessment activities will be scheduled as soon as the access agreements are finalized. Upon completion of the additional assessment, a Site Assessment Report Addendum (SARA) 2 will be prepared and submitted to the FDEP. The SARA 2 will summarize the results of all of the additional assessment activities conducted since the original SARA was submitted on February 1, 2005. The anticipated submittal date for the SARA II is May 15, 2005.

If you have any questions or require additional information please feel free to contact Ron Helgerson with Lockheed Martin Corporation at (301) 214-9968 (office), or (240) 676-1379 (cell).

Sincerely,



Paul E. Calligan, P.G.
Project Manager
Florida License No. PG-0001864
Date: April 14, 2005

cc: Ron Helgerson, LMC
Meredith Davis, LMC
Gail Rymer, LMC
FOCUS
Paul Jex
Steve Brashers

TABLES

Table 1

**Monitoring Well Construction Details
Interim Data Report
Former American Beryllium Company
Tallevast, Florida**

Monitoring Well Identification (TT-MW-)	Aquifer System	Boring/ Core Identification	Well Completion Date	Well Construction Material	Total Depth (ft bgs)	Well Screen Interval (ft bgs)	Top of Casing Elevation (ft bgs)	Norting	Easting
19	IAS	RS-1	11/22/2004	2" SCH 80 PVC	298	277.5-297.5	32.08	1116223.05	479711.22
20	USAS	VP-38	12/1/2004	2" SCH 40 PVC	40	35-40	31.10	1115255.66	480137.14
21	IAS	RS-21	12/4/2004	2" SCH 40 PVC	145	135-145	29.69	1116885.80	479787.76
22	IAS	RS-22	12/17/2004	2" SCH 80 PVC	297	277-297	29.55	1115225.18	479964.34
23	IAS	RS-2	12/6/2004	2" SCH 40 PVC	205	152-172	29.56	1115232.42	479963.94
24	USAS	VP-21	12/17/2004	2" SCH 40 PVC	36.5	30.5-35.5	30.85	1114781.28	479859.55
25	USAS	VP-19	12/17/2004	2" SCH 40 PVC	43.4	36.4-43.4	30.42	1115122.43	479790.59
26	USAS	VP-46	12/18/2004	2" SCH 40 PVC	26.5	21.5-26.5	27.57	1116732.14	481085.35
27	USAS	VP-44	12/17/2004	2" SCH 40 PVC	35	30-35	27.88	1115716.49	480599.17
28	USAS	VP-45	12/17/2004	2" SCH 40 PVC	29.63	25-30	28.63	1116028.97	480469.60
29	USAS	VP-61	12/17/2004	2" SCH 40 PVC	29.41	25-30	28.54	1116222.40	480512.91
30	USAS	VP-83	12/15/2004	2" SCH 40 PVC	27.8	23.5-28.5	30.28	1116249.25	479182.81
31	IAS	RS-18	12/15/2004	2" SCH 80 PVC	335	275-295	29.32	1116682.96	479180.51
32	USAS	VP-12	12/18/2004	2" SCH 40 PVC	29.4	24.5-29.5	31.83	1115966.06	479787.21
33	LSAS	VP-12	12/18/2004	2" SCH 40 PVC	40.9	35.5-40.5	31.83	1115966.31	479781.78
34	IAS	RS-7	12/20/2004	2" SCH 40 PVC	155.5	145-155	30.79	1115605.88	479392.51
35	USAS	VP-99	12/16/2004	2" SCH 40 PVC	30.5	25-30	30.71	1115600.63	479392.19
36	USAS	VP-7	1/8/2005	2" SCH 40 PVC	28	23-28	32.52	1116074.08	479807.67
37	LSAS	VP-7	12/19/2004	2" SCH 40 PVC	41	35.5-40.5	32.42	1116087.29	479807.83
38	USAS	VP-13	1/8/2005	2" SCH 40 PVC	28	23-28	31.98	1116027.40	479854.07
39	LSAS	VP-13	12/19/2004	2" SCH 40 PVC	41	35.5-40.5	32.02	1116027.95	479849.08
40	USAS	VP-14	1/8/2005	2" SCH 40 PVC	28	23-28	32.06	1115975.03	479897.71
41	LSAS	VP-14	12/21/2004	2" SCH 40 PVC	41.5	35.5-40.5	32.07	1115980.22	479897.51
42	USAS	VP-8	12/21/2004	2" SCH 40 PVC	28.5	23-28	32.30	1116082.68	479898.36
43	LSAS	VP-8	12/21/2004	2" SCH 40 PVC	41	35.5-40.5	32.29	1116082.78	479904.99
44	IAS	RS-8	12/19/2004	2" SCH 40 PVC	152	142-152	31.74	1115706.01	479702.50
45	IAS	RS-16	1/3/2005	2" SCH 40 PVC	160	150-160	31.39	1116527.86	479720.36
46	IAS	RS-3	12/21/2004	2" SCH 80 PVC	297	280-300	28.14	1116637.47	480603.63
47	USAS	VP-98	12/20/2004	2" SCH 40 PVC	35	22-27	30.24	1116714.08	479409.88
48	LSAS	VP-91	12/20/2004	2" SCH 40 PVC	42	33.5-38.5	31.22	1116358.39	479407.76
49	IAS	RS-15	1/3/2005	2" SCH 40 PVC	156	146-156	30.17	1116676.30	480147.81
50	IAS	RS-14	1/11/2005	2" SCH 40 PVC	257	245-255	28.41	1116886.26	480607.68
51	IAS	RS-13	1/11/2005	2" SCH 40 PVC	276	261.6-271.6	27.63	1116735.59	481093.86
52	IAS	RS-12	1/7/2005	2" SCH 40 PVC	160	147-157	27.93	1116216.41	480572.19
53	IAS	RS-11	1/7/2005	2" SCH 40 PVC	166	141-151	28.60	1116027.60	480482.25
54	IAS	RS-10	12/30/2004	2" SCH 40 PVC	155.5	145-155	27.70	1115722.53	480599.99
55	IAS	RS-9	1/8/2005	2" SCH 40 PVC	177	127-137	30.86	1114774.29	479859.18
56	IAS	RS-6	1/10/2005	2" SCH 40 PVC	145	145-155	28.18	1115144.28	479086.00
57	IAS	RS-4	1/9/2005	2" SCH 40 PVC	146	136-146	31.18	1115934.85	479308.40
58	IAS	RS-5	12/17/2004	2" SCH 40 PVC	150	140-150	32.08	1116229.43	479395.98
59	IAS	RS-17	1/4/2005	2" SCH 40 PVC	150	140-150	29.29	1116689.26	479181.80
60	IAS	RS-20	1/7/2005	2" SCH 40 PVC	155	145-155	29.13	1116865.11	479250.83
61	IAS	RS-19	1/11/2005	2" SCH 40 PVC	145	135-145	28.37	1116779.19	478825.12
62	USAS	VP-54	1/5/2005	2" SCH 40 PVC	23	18-23	28.15	1116772.95	480607.22
63	USAS	VP-53	1/3/2005	2" SCH 40 PVC	30	25-30	28.18	1116627.50	480603.50
64	USAS	VP-49	1/3/2005	2" SCH 40 PVC	30	25-30	28.20	1116199.25	480633.91
65	USAS	VP-60	1/3/2005	2" SCH 40 PVC	24	19-24	29.56	1116463.19	480341.58
66	USAS	VP-59	1/4/2005	2" SCH 40 PVC	23.5	18.5-23.5	30.00	1116662.47	480147.23
67	USAS	VP-71	1/4/2005	2" SCH 40 PVC	29	24-29	31.60	1116580.79	479798.76
68	LSAS	VP-89	1/3/2005	2" SCH 40 PVC	41	35.5-40.5	29.42	1116674.70	479178.19
69	USAS	VP-86	1/4/2005	2" SCH 40 PVC	27.74	23-28	27.78	1116855.08	478819.78
70	USAS	VP-79	12/29/2004	2" SCH 40 PVC	29	23-29	32.74	1116240.74	479613.00
71	USAS	VP-77	12/29/2004	2" SCH 40 PVC	29.5	24-29	32.05	1116240.70	479928.47
72	USAS	VP-6	12/19/2004	2" SCH 40 PVC	29	23.5-28.5	31.83	1116028.87	479405.62
73	USAS	VP-102	1/4/2005	2" SCH 40 PVC	27.4	22-27	26.89	1115538.74	478832.35
74	USAS	VP-30	1/4/2005	2" SCH 40 PVC	33	27.5-32.5	28.79	1115144.22	479094.30
75	USAS	VP-23	1/3/2005	2" SCH 40 PVC	45	39.5-44.5	32.27	1115028.65	479612.71
76	USAS	VP-15	1/4/2005	2" SCH 40 PVC	28	23-28	31.67	1115900.58	479939.64
77	LSAS	NA	1/5/2005	2" SCH 40 PVC	41	36-41	30.54	1116024.22	480141.44
78	LSAS	VP-20	1/6/2005	2" SCH 40 PVC	41	36-41	31.17	1115643.12	479814.30
79	LSAS	VP-63	1/7/2005	2" SCH 40 PVC	41	36-41	30.91	1116346.06	480155.44
80	LSAS	VP-6	1/8/2005	2" SCH 40 PVC	41	36-41	31.83	1116029.33	479413.33
81	LSAS	VP-75	1/7/2005	2" SCH 40 PVC	41	36-41	31.83	1116469.48	479719.88
82	LSAS	VP-30	1/11/2005	2" SCH 40 PVC	42	37-42	28.13	1115136.58	479086.15

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Monitoring Well Identification (TT-MW-)	Aquifer System	Boring/ Core Identification	Well Completion Date	Well Construction Material	Total Depth (ft bgs)	Well Screen Interval (ft bgs)	Top of Casing Elevation (ft bgs)	Norting	Easting
83	IAS	RS-23	1/11/2005	2" SCH 40 PVC	112	102-112	26.33	1115973.29	481137.27
84	LSAS	VP-1	1/11/2005	2" SCH 40 PVC	41	35.5-40.5	31.98	1116125.14	479267.90
85	LSAS	VP-19	1/11/2005	2" SCH 40 PVC	55	50-55	30.41	1115122.86	479798.65
86	LSAS	VP-73	1/11/2005	2" SCH 40 PVC	37.3	30-35	29.63	1116813.47	479771.09
87	LSAS	VP-99	1/11/2005	2" SCH 40 PVC	41	36-41	31.12	1115594.54	479392.19
88	IAS	RS-6	1/10/2005	2" SCH 40 PVC	87	76-86	28.16	1115151.13	479085.42
89	USAS	VP-59	1/11/2005	2" SCH 40 PVC	32	27-32	30.30	1116651.54	480147.99
90	USAS	VP-58	1/17/2005	2" SCH 40 PVC	30.05	25.5-30.5	28.79	1116947.78	480147.86
91	LSAS	VP-61	1/17/2005	2" SCH 40 PVC	38.91	32.5-37.5	28.47	1116221.95	480517.41
92	LSAS	VP-53	1/17/2005	2" SCH 40 PVC	37.95	32.5-37.5	28.16	1116642.43	480603.95
93	LSAS	VP-55	1/18/2005	2" SCH 40 PVC	37.49	32.5-37.5	28.52	1116881.16	480607.48
94	USAS	VP-113	1/19/2005	2" SCH 40 PVC	29.36	24.5-29.5	26.21	1115686.92	481248.33
95	USAS	NA	1/19/2005	2" SCH 40 PVC	27.69	23-28	25.66	1115599.81	481412.85
96	IAS	RS-25	2/3/2005	2" SCH 40 PVC	206.5	196-206	25.96	1116931.14	481305.00
97	IAS	RS-24	2/5/2005	2" SCH 40 PVC	226	208.6-226.6	26.09	1117509.08	480622.26
98	LSAS	VP-102	2/4/2005	2" SCH 40 PVC	39	33-38	26.60	1115540.61	478826.85
99	IAS	RS-27	2/6/2005	2" SCH 40 PVC	96	71-81	26.13	1115155.33	478724.36
100	USAS	RS-27	2/6/2005	2" SCH 40 PVC	30	24.5-29.5	26.09	1115161.99	478724.23
101	LSAS	VP-21	2/7/2005	2" SCH 40 PVC	58	52.7-57.7	30.93	1114765.82	479859.06
102	IAS	RS-26	2/8/2005	2" SCH 40 PVC	105	89.8-99.8	26.96	1115934.52	478815.20
103	USAS	RS-26	2/8/2005	2" SCH 40 PVC	30	25-30	27.05	1115938.78	478815.32
104	USAS	VP-106	2/9/2005	2" SCH 40 PVC	31	25.4-30.4	27.18	1115427.87	480681.27
105	LSAS	VP-106	2/9/2005	2" SCH 40 PVC	48.2	41.8-46.8	27.20	1115423.35	480686.48
106	USAS	NA	3/16/2005	2" SCH 40 PVC	45	40-45	NS	1114664.86	478968.84
107	USAS	NA	4/4/2005	2" SCH 40 PVC	26	21-26	NS	1115495.83	481928.99
108	USAS	NA	3/15/2005	2" SCH 40 PVC	28	23-28	NS	1116957.84	478542.52
109	USAS	NA	3/15/2005	2" SCH 40 PVC	28	23-28	NS	1116931.35	479419.24
110	USAS	NA	3/15/2005	2" SCH 40 PVC	28	23-28	NS	1116866.32	479778.12
111	USAS	NA	3/15/2005	2" SCH 40 PVC	28	23-28	NS	1116307.52	481119.71
112	IAS	NA	3/16/2005	2" SCH 40 PVC	86	76-86	NS	1114662.45	478992.92
113	LSAS	NA	3/15/2005	2" SCH 40 PVC	42	37-42	NS	1116324.38	481122.12
114	USAS	NA	4/4/2005	2" SCH 40 PVC	40	35-40	NS	1114884.04	480934.25

NA - Not associated with a VP or RS location
NS - Not Surveyed

Table 2

**Fixed-Base Groundwater Analytical Results for Groundwater in the Surficial Aquifer System
Interim Data Report
Former American Beryllium Company
Tallevast, Florida**

			Parameter											
Location	Sample Date	Aquifer GCTL	1,4-Dioxane		1,1-Dichloroethane		1,1-Dichloroethene		cis-1,2-Dichloroethene		Tetrachloroethene		Trichloroethene	
			ug/l		ug/l		ug/l		ug/l		ug/l		ug/l	
			5	70	7	70	3	3						
TT-MW-03	20050105	USAS	1	U	0.52	U	0.45	U	0.65	U	0.34	U	0.28	U
TT-MW-04D	20041222	USAS	1	U	0.52	U	0.45	U	0.65	U	0.34	U	0.28	U
TT-MW-05S	20041221	USAS	1	U	0.52	U	0.45	U	0.65	U	0.34	U	0.28	U
TT-MW-06D	20041222	USAS	3.2	I	0.52	U	0.45	U	0.65	U	0.34	U	0.28	U
TT-MW-06S	20041221	USAS	1	U	0.52	U	0.45	U	0.65	U	0.34	U	0.28	U
TT-MW-07D	20041219	USAS	1	U	0.52	U	0.45	U	0.65	U	0.34	U	0.28	U
TT-MW-07S	20050105	USAS	1	U	0.52	U	0.45	U	0.65	U	0.34	U	0.28	U
TT-MW-08D	20041219	USAS	1	U	0.52	U	0.45	U	0.65	U	0.34	U	0.35	I
TT-MW-08S	20041219	USAS	1	U	0.52	U	0.45	U	0.65	U	0.34	U	0.28	U
TT-MW-09D	20041220	USAS	1	U	0.52	U	0.45	U	0.65	U	0.34	U	0.28	I
TT-MW-09S	20041220	USAS	1	U	0.52	U	0.45	U	0.65	U	0.34	U	0.28	U
TT-MW-10	20050104	USAS	1	U	7.8		0.46	I	0.65	U	12		27	
TT-MW-11D	20041220	USAS	1	U	6.7		0.45	U	3.8		3.7		100	
TT-MW-12D	20041221	USAS	10		4.7		0.45	U	2.2		110		150	
TT-MW-13D	20041222	USAS	1	U	0.52	U	0.45	U	0.65	U	0.34	U	0.28	U
TT-MW-13S	20041222	USAS	1	U	0.52	U	0.45	U	0.65	U	0.34	U	0.28	U
TT-MW-14D	20041220	USAS	1	U	0.52	U	0.45	U	0.65	U	0.34	U	0.28	U
TT-MW-14S	20041220	USAS	1	U	0.52	U	0.45	U	0.65	U	0.34	U	0.28	U
TT-MW-15D	20041221	USAS	1	U	1.3		0.82	I	0.65	U	0.34	U	0.28	U
TT-MW-15S	20050105	USAS	1	U	0.52	U	0.45	U	0.65	U	0.34	U	0.28	U
TT-MW-16S	20050104	USAS	1	U	0.52	U	0.45	U	0.65	U	0.34	U	0.28	U
TT-MW-17D	20041221	USAS	1	U	0.52	U	0.45	U	0.65	U	0.34	U	0.28	I
TT-MW-17S	20050104	USAS	1	U	0.52	U	0.45	U	0.65	U	0.34	U	0.28	U
TT-MW-18D	20041221	USAS	1	U	3.1		1.8		8.9		0.34	U	1.3	
TT-MW-18S	20041221	USAS	1	U	0.52	U	0.45	U	1.6		0.34	U	1.2	
TT-MW-20	20050117	USAS	13		4.8		2.8		0.34	I	0.18	U	0.38	I
TT-MW-24	20050111	USAS	2.5	U	0.18	U	0.36	U	0.18	U	0.18	U	0.11	U

Table 2

**Fixed-Base Groundwater Analytical Results for Groundwater in the Surficial Aquifer System
Interim Data Report
Former American Beryllium Company
Tallevast, Florida**

			Parameter											
Location	Sample Date	Aquifer GCTL	1,4-Dioxane		1,1-Dichloroethane		1,1-Dichloroethene		cis-1,2-Dichloroethene		Tetrachloroethene		Trichloroethene	
			ug/l 5		ug/l 70		ug/l 7		ug/l 70		ug/l 3		ug/l 3	
TT-MW-25	20050106	USAS	9.8		39		13		3		0.34	U	2.1	
TT-MW-26	20050113	USAS	2.5	U	0.18	U	0.36	U	0.18	U	0.18	U	0.11	U
TT-MW-27	20050106	USAS	390		140		290		10		290		42	
TT-MW-28	20050103	USAS	40		3.2		0.71	I	0.65	U	0.34	U	0.88	I
TT-MW-29	20050106	USAS	28		8.5		5.3		6.6		0.34	U	37	
TT-MW-30	20050111	USAS	2.5	U	0.48	I	0.62	I	0.23	I	0.18	U	3.6	
TT-MW-32	20041230	USAS	6.5		87		120		5.9		2.4		65	
TT-MW-33	20041228	LSAS	580		42		140		3.2		0.34	U	17	
TT-MW-35	20050113	USAS	13		20		48		1	I	41		58	
TT-MW-36	20050111	USAS	34		180		440		210		19	I	2600	
TT-MW-37	20050107	LSAS	190		2.4		74		440		0.34	U	2000	
TT-MW-38	20050111	USAS	40		61	I	140		52	I	250		2200	
TT-MW-39	20050107	LSAS	150		0.52	U	26		130		0.34	U	360	
TT-MW-40	20050111	USAS	9.4		6.1	I	11		2.4	I	29		180	
TT-MW-41	20041228	LSAS	180		10		48		64		0.34	U	81	
TT-MW-42	20041229	USAS	83		41		70		140		6.5		3700	
TT-MW-43	20041228	LSAS	140		2.8		40		12		0.34	U	26	
TT-MW-47	20050106	USAS	5.4		0.52	U	0.45	U	0.65	U	0.34	U	0.28	U
TT-MW-48	20050107	LSAS	4	I	0.52	U	0.45	U	0.65	U	0.34	U	0.28	U
TT-MW-62	20050120	USAS	2.5	U	0.18	U	0.36	U	0.18	U	0.18	U	0.11	U
TT-MW-63	20050110	USAS	2.5	U	0.18	U	0.36	U	0.71	I	0.18	U	0.53	I
TT-MW-64	20050106	USAS	15		0.94	I	0.45	U	0.65	U	0.34	U	5.5	
TT-MW-65	20050107	USAS	1	U	0.52	U	0.45	U	0.65	U	0.34	U	0.28	U
TT-MW-66	20050120	USAS	2.5	U	0.18	U	0.36	U	0.18	U	0.18	U	0.11	U
TT-MW-67	20050120	USAS	44		74		120		4.6	I	0.9	U	14	
TT-MW-68	20050107	LSAS	2.7	I	0.52	U	0.45	U	0.65	U	0.34	U	2.4	
TT-MW-69	20050111	USAS	5.5		2.1		0.36	U	0.18	U	0.18	U	0.43	I
TT-MW-70	20050111	USAS	3.4	I	1		1.8		0.36	I	0.18	U	0.97	I

Table 2

**Fixed-Base Groundwater Analytical Results for Groundwater in the Surficial Aquifer System
Interim Data Report
Former American Beryllium Company
Tallevast, Florida**

			Parameter											
Location	Sample Date	Aquifer GCTL	1,4-Dioxane		1,1-Dichloroethane		1,1-Dichloroethene		cis-1,2-Dichloroethene		Tetrachloroethene		Trichloroethene	
			ug/l 5		ug/l 70		ug/l 7		ug/l 70		ug/l 3		ug/l 3	
TT-MW-71	20050111	USAS	20		11		9.3	I	31		2.6	I	360	
TT-MW-72	20050111	USAS	2.5	U	0.32	I	0.65	I	0.5	I	3.6		4.5	
TT-MW-73	20050106	USAS	300		210		370		0.65	U	29		29	
TT-MW-74	20050117	USAS	230		300		150		11		5	IV	11	V
TT-MW-75	20050107	USAS	41		37		4.5		0.65	U	0.34	U	0.29	I
TT-MW-76	20050111	USAS	32		24	I	23	I	13	I	8.7	I	620	
TT-MW-77	20050112	LSAS	120		12		9.9		1.8		0.18	U	1	
TT-MW-78	20050110	LSAS	290		320		140		34		2.4	I	13	
TT-MW-79	20050110	LSAS	22		1.8	U	5.9	I	67		1.8	U	310	
TT-MW-80	20050110	LSAS	5		29		280		7.4	I	4.6	I	28	
TT-MW-81	20050111	LSAS	41		2.3		9.6		2.4		0.18	U	22	
TT-MW-82	20050117	USAS	180		25		5.6		1		0.18	U	0.11	U
TT-MW-84	20050117	LSAS	2.5	U	0.18	U	0.36	U	0.18	U	0.18	U	0.11	U
TT-MW-85	20050117	LSAS	230		82		68		49		1.1	IV	6.9	V
TT-MW-86	20050118	LSAS	2.5	U	0.18	U	0.36	U	0.18	U	0.46	IV	0.64	IV
TT-MW-87	20050119	LSAS	400		460		1700		32	I	150		1000	
TT-MW-89	20050113	USAS	2.5	U	0.71	I	0.36	U	0.18	U	0.18	U	0.2	I
TT-MW-90	20050119	USAS	2.5	U	0.18	U	0.36	U	0.18	U	0.18	U	0.11	U
TT-MW-91	20050119	LSAS	51		2.3		3.2		5.4		0.18	U	3.5	
TT-MW-92	20050119	LSAS	2.5	U	0.18	U	0.36	U	0.18	U	0.18	U	0.11	U
TT-MW-93	20050120	LSAS	2.5	U	0.18	U	0.36	U	0.18	U	0.18	U	0.11	U
TT-MW-94	20050120	USAS	3.8	I	0.18	U	0.36	U	0.18	U	0.18	U	0.11	U
TT-MW-95	20050120	USAS	11		0.18	U	0.36	U	0.18	U	0.18	U	0.16	I
TT-MW-98	20050215	LSAS	470		190		390		4.9		5.6		81	K
TT-MW-100	20050215	USAS	14		3.1		0.86	I	0.18	U	0.18	U	0.11	U
TT-MW-101	20050215	LSAS	2.5	U	0.18	U	0.36	U	0.18	U	0.18	U	0.11	U
TT-MW-103	20050215	USAS	2.5	U	0.18	U	0.36	I	0.18	U	0.18	U	0.11	U
TT-MW-104	20050214	USAS	110		25		14		0.46	I	0.18	U	1.3	

Table 2

**Fixed-Base Groundwater Analytical Results for Groundwater in the Surficial Aquifer System
Interim Data Report
Former American Beryllium Company
Tallevast, Florida**

			Parameter											
Location	Sample Date	Aquifer	1,4-Dioxane		1,1-Dichloroethane		1,1-Dichloroethene		cis-1,2-Dichloroethene		Tetrachloroethene		Trichloroethene	
			ug/l		ug/l		ug/l		ug/l		ug/l		ug/l	
GCTL			5		70		7		70		3		3	
TT-MW-105	20050215	LSAS	2.5	U	0.18	U	0.36	U	0.18	U	0.18	U	0.11	U
TT-MW-106	20050321	USAS	2.2	U	0.52	U	0.45	U	0.65	U	0.34	U	0.28	U
TT-MW-107	20050406	USAS	2.3	U	0.52	U	0.45	U	0.65	U	0.34	U	0.28	U
TT-MW-108	20050321	USAS	9.4	I	0.88	I	0.45	U	0.65	U	0.34	U	0.28	U
TT-MW-109	20050321	USAS	12		0.83	I	0.45	U	0.65	U	0.34	U	0.28	U
TT-MW-110	20050321	USAS	33		10		6.4		0.65	U	0.34	U	0.28	U
TT-MW-111	20050321	USAS	2.2	U	0.52	U	0.45	U	0.65	U	0.34	U	0.28	U
TT-MW-113	20050321	LSAS	2.2	U	0.52	U	0.45	U	0.65	U	0.34	U	0.28	U
TT-MW-114	20050406	USAS	2.3	U	0.52	U	0.45	U	0.65	U	0.34	U	0.28	U

ug/l - micrograms per liter

U - Concentration was below laboratory detection limit

I - The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit

V - Compound was detected in the laboratory method blank

Table 3

**Fixed-Base Analytical Results for Groundwater in the Intermediate Aquifer System
Interim Data Report
Former American Beryllium Company
Tallevast, Florida**

		Parameter						
		1,4-Dioxane ug/l	1,1-Dichloroethane ug/l	1,1-Dichloroethene ug/l	cis-1,2-Dichloroethene ug/l	Tetrachloroethene ug/l	Trichloroethene ug/l	
Location	Sample Date	5	70	7	70	3	3	
GCTL								
DW-01	20041220	1 U	0.52 U	0.45 U	0.65 U	0.34 U	0.28 U	
TT-MW-19	20050112	2.5 U	0.18 U	0.36 U	0.18 U	0.85 I	0.7 I	
TT-MW-21	20050112	2.5 U	0.18 U	0.36 U	0.18 U	0.18 U	0.11 U	
TT-MW-22	20050111	2.5 U	0.18 U	0.36 U	0.18 U	0.18 U	0.11 U	
TT-MW-23	20050111	2.5 U	0.18 U	0.36 U	0.18 U	0.18 U	0.11 U	
TT-MW-31	20050112	2.5 U	0.18 U	0.36 U	0.18 U	0.18 U	0.11 U	
TT-MW-34	20050113	2.5 U	0.18 U	0.36 U	0.18 U	0.18 U	0.28 I	
TT-MW-34	20041219		660	1700	15	43	230	
TT-MW-44	20050112	2.5 U	9.3	12	0.73 I	0.55 I	0.52 I	
TT-MW-45	20050112	2.5 U	0.18 U	0.36 U	0.18 U	0.18 U	0.11 U	
TT-MW-46	20050120	2.5 U	0.18 U	0.36 U	0.18 U	0.18 U	0.11 U	
TT-MW-49	20050112	2.5 U	0.18 U	0.36 U	0.18 U	0.18 U	0.11 U	
TT-MW-50	20050119	2.5 U	0.18 U	0.36 U	0.18 U	0.18 U	0.11 U	
TT-MW-51	20050120	2.5 U	0.18 U	0.36 U	0.18 U	0.18 U	0.11 U	
TT-MW-52	20050113	2.5 U	0.18 U	0.36 U	0.18 U	0.18 U	0.11 U	
TT-MW-53	20050112	2.5 U	0.18 U	0.36 U	0.18 U	0.18 U	0.11 U	
TT-MW-54	20050112	2.5 U	0.18 U	0.36 U	0.18 U	0.18 U	0.41 I	
TT-MW-55	20050112	2.5 U	0.18 U	0.36 U	0.18 U	0.18 U	0.11 U	
TT-MW-56	20050118	2.5 U	0.18 U	0.36 U	0.18 U	0.46 IV	0.11 U	
TT-MW-57	20050112	2.5 U	0.18 U	0.36 U	0.18 U	0.18 U	0.11 U	
TT-MW-58	20050113	2.5 U	0.18 U	0.36 U	0.18 U	0.23 I	0.2 I	
TT-MW-59	20050112	2.5 U	0.18 U	0.36 U	0.18 U	0.18 U	0.11 U	
TT-MW-60	20050113	2.5 U	0.18 U	0.36 U	0.18 U	0.18 U	0.11 U	
TT-MW-61	20050120	2.5 U	0.18 U	0.36 U	0.18 U	0.18 U	0.11 U	
TT-MW-83	20050120	2.5 U	0.18 U	0.36 U	0.18 U	0.18 U	0.11 U	
TT-MW-88	20050120	2.5 U	0.18 U	0.36 U	0.18 U	0.18 U	0.11 U	
TT-MW-96	20050216	0.18 U	0.18 U	0.36 U	0.18 U	0.18 U	0.11 U	
TT-MW-97	20050216	0.18 U	0.18 U	0.36 U	0.18 U	0.18 U	0.11 U	
TT-MW-99	20050215	0.45 I	0.45 I	0.67 I	0.18 U	0.18 U	0.11 I	
TT-MW-102	20050215	0.18 U	0.18 U	0.36 U	0.18 U	0.18 U	0.11 U	
TT-MW-112	20050322	2.3 U	0.52 U	0.45 U	0.65 U	0.34 U	0.28 U	

ug/l - micrograms per liter

U - Concentration was below laboratory detection limit




I - The reported value is between the laboratory method detection limit and the laboratory practical quantitation limit

V - Compound was detected in the laboratory method blank

FIGURES



LEGEND

-  UPPER SURFICIAL AQUIFER SYSTEM (USAS) MONITOR WELL
-  TRICHLOROETHENE (TCE) CONCENTRATION CONTOUR (ug/L) (CONTOUR INTERVAL AS SHOWN)
-  INFERRED CONTOUR

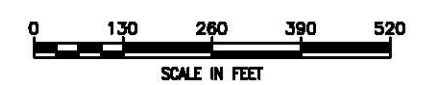
REPORTING CONVENTION RELATIVE TO COC-SPECIFIC GROUNDWATER CLEANUP TARGET LEVELS (GCTLs)

- RESULT ≥ GCTL **TCE 26** (BOLD)
- RESULT < GCTL **TCE 1.3** (GRAY)

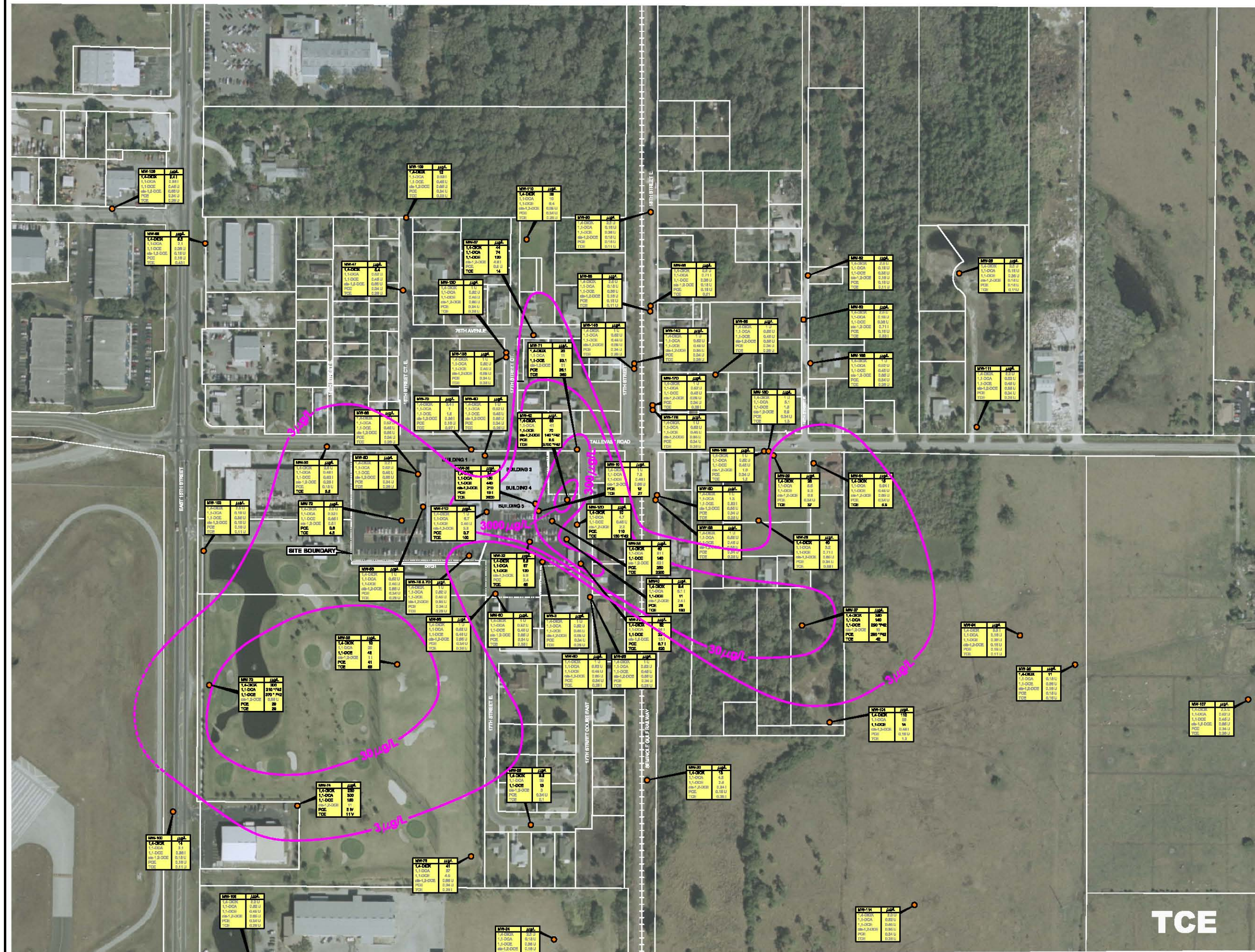
TARGET COC	ABBREVIATION	GCTL (ug/L)
1,4-Dioxane	1,4-DIOX	5
1,1-Dichloroethane	1,1-DCA	70
1,1-Dichloroethene	1,1-DCE	7
cis-1,2-Dichloroethene	cis-1,2-DCE	70
Tetrachloroethene	PCE	3
Trichloroethene	TCE	3

NOTES:

1. SOME CLUSTER WELLS PLACED IN APPROXIMATE LOCATIONS FOR CLARITY.
2. RESULTS FROM ALL USAS MONITOR WELL WATER QUALITY SAMPLES ARE PROVIDED IN TABLE 3-15.
3. ALL CONCENTRATIONS REPORTED IN ug/L.
4. POSTED DATA REPRESENT ALL UPPER SURFICIAL AQUIFER SYSTEM MONITOR WELL GROUNDWATER SAMPLE RESULTS FROM THE DECEMBER 2004 TO FEBRUARY 2005 SAMPLING EVENTS.



TCE



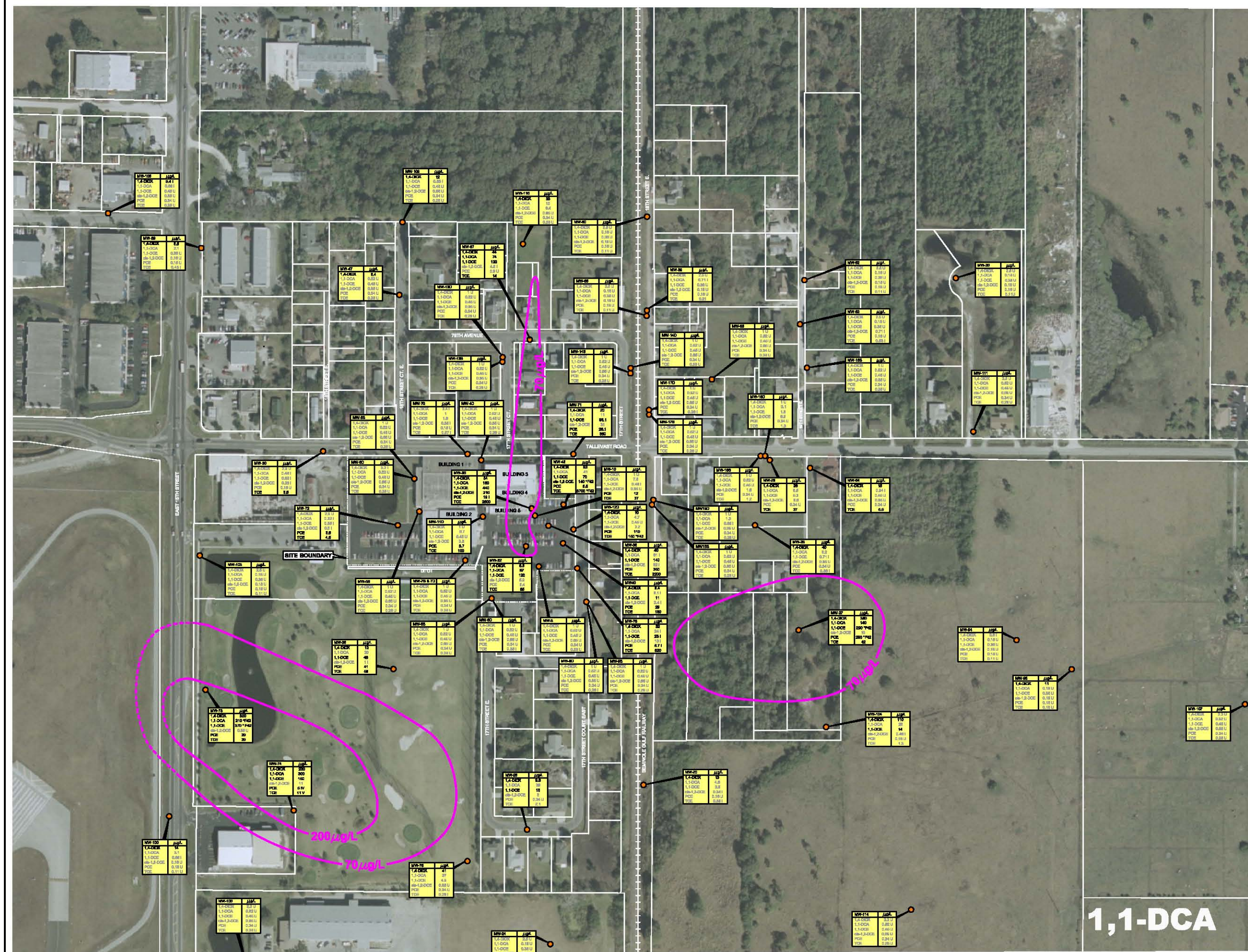
APPROVED BY	P.C.	DATE	4/12/05
CHECKED BY	P.C.	SCALE	1"=130'
PREPARED BY	C.P.	PROJECT NUMBER	0507.006



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 Tampa, FL 33634

FKED-BASE LABORATORY RESULTS FOR
 GROUNDWATER AND TCE CONTOURS IN THE
 UPPER SURFICIAL AQUIFER SYSTEM
 SITE ASSESSMENT REPORT ADDENDUM
 FORMER AMERICAN BERYLLIUM COMPANY, TALLEVAST, FLORIDA

FIGURE 1



LEGEND

- UPPER SURFICIAL AQUIFER SYSTEM (USAS) MONITOR WELL
- 1,1-DICHLOROETHANE (1,1-DCA) CONCENTRATION CONTOUR (ug/L) (CONTOUR INTERVAL AS SHOWN)
- - - INFERRED CONTOUR

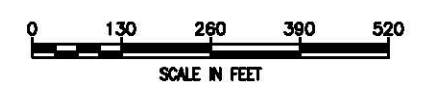
REPORTING CONVENTION RELATIVE TO COC-SPECIFIC GROUNDWATER CLEANUP TARGET LEVELS (GCTLs)

- RESULT ≥ GCTL **TCE 26** (BOLD)
- RESULT < GCTL **TCE 1.3** (GRAY)

TARGET COC	ABBREVIATION	GCTL (ug/L)
1,4-Dioxane	1,4-DIOX	5
1,1-Dichloroethane	1,1-DCA	70
1,1-Dichloroethene	1,1-DCE	7
cis-1,2-Dichloroethene	cis-1,2-DCE	70
Tetrachloroethene	PCE	3
Trichloroethene	TCE	3

NOTES:

1. SOME CLUSTER WELLS PLACED IN APPROXIMATE LOCATIONS FOR CLARITY.
2. RESULTS FROM ALL USAS MONITOR WELL WATER QUALITY SAMPLES ARE PROVIDED IN TABLE 3-15.
3. ALL CONCENTRATIONS REPORTED IN ug/L
4. POSTED DATA REPRESENT ALL UPPER SURFICIAL AQUIFER SYSTEM MONITOR WELL GROUNDWATER SAMPLE RESULTS FROM THE DECEMBER 2004 TO FEBRUARY 2005 SAMPLING EVENTS.



1,1-DCA

FIGURE 3

APPROVED BY	P.C.	DATE	4/12/05
DRAWN BY	P.C.	SCALE	1"=130'
PRODUCED BY	C.P.	PROJECT NUMBER	0507.006



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FIXED-BASE LABORATORY RESULTS FOR GROUNDWATER AND 1,1-DCA CONTOURS IN THE UPPER SURFICIAL AQUIFER SYSTEM
SITE ASSESSMENT REPORT ADDENDUM
FORMER AMERICAN BERYLLIUM COMPANY, TALLEYVAST, FLORIDA



LEGEND

- UPPER SURFICIAL AQUIFER SYSTEM (USAS) MONITOR WELL
- 1,1-DICHLOROETHENE (1,1-DCE) CONCENTRATION CONTOUR (ug/L) (CONTOUR INTERVAL AS SHOWN)
- - - - - INFERRED CONTOUR

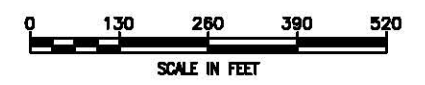
REPORTING CONVENTION RELATIVE TO COC-SPECIFIC GROUNDWATER CLEANUP TARGET LEVELS (GCTLs)

- RESULT ≥ GCTL TCE 26 (BOLD)
- RESULT < GCTL TCE 1.3 (GRAY)

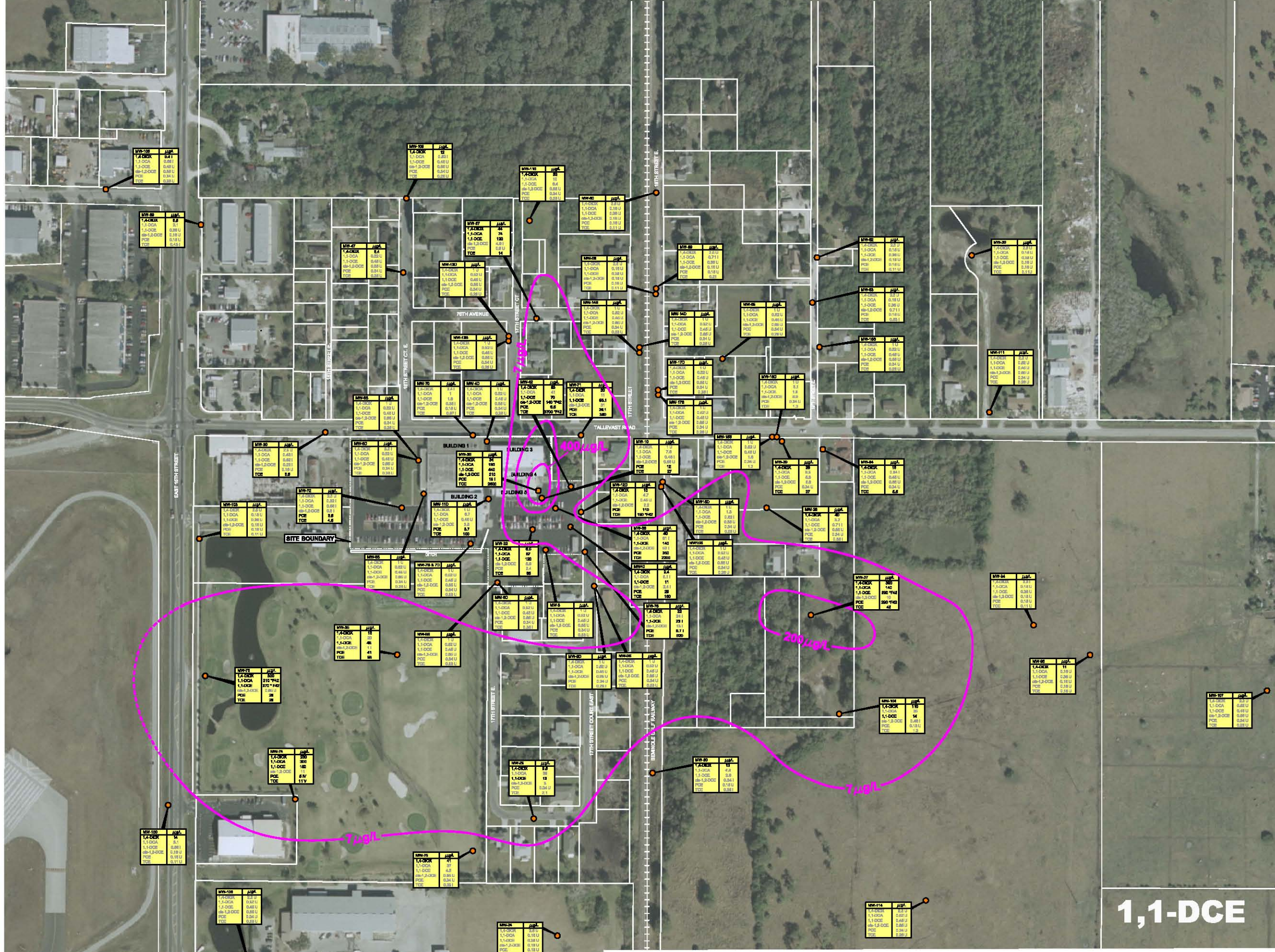
TARGET COC	ABBREVIATION	GCTL (ug/L)
1,4-Dioxane	1,4-DIOX	5
1,1-Dichloroethane	1,1-DCA	70
1,1-Dichloroethene	1,1-DCE	7
cis-1,2-Dichloroethene	cis-1,2-DCE	70
Tetrachloroethene	PCE	3
Trichloroethene	TCE	3

NOTES:

1. SOME CLUSTER WELLS PLACED IN APPROXIMATE LOCATIONS FOR CLARITY.
2. RESULTS FROM ALL USAS MONITOR WELL WATER QUALITY SAMPLES ARE PROVIDED IN TABLE 3-15.
3. ALL CONCENTRATIONS REPORTED IN ug/L.
4. POSTED DATA REPRESENT ALL UPPER SURFICIAL AQUIFER SYSTEM MONITOR WELL GROUNDWATER SAMPLE RESULTS FROM THE DECEMBER 2004 TO FEBRUARY 2005 SAMPLING EVENTS.
5. MW-10 IS NOT USED FOR CONTOURING. THE 1,1-DCE CONCENTRATION AT MW-10 IS A NON-DETECT OUTLIER IN THE FORMER SOURCE-AREA.



1,1-DCE

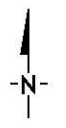
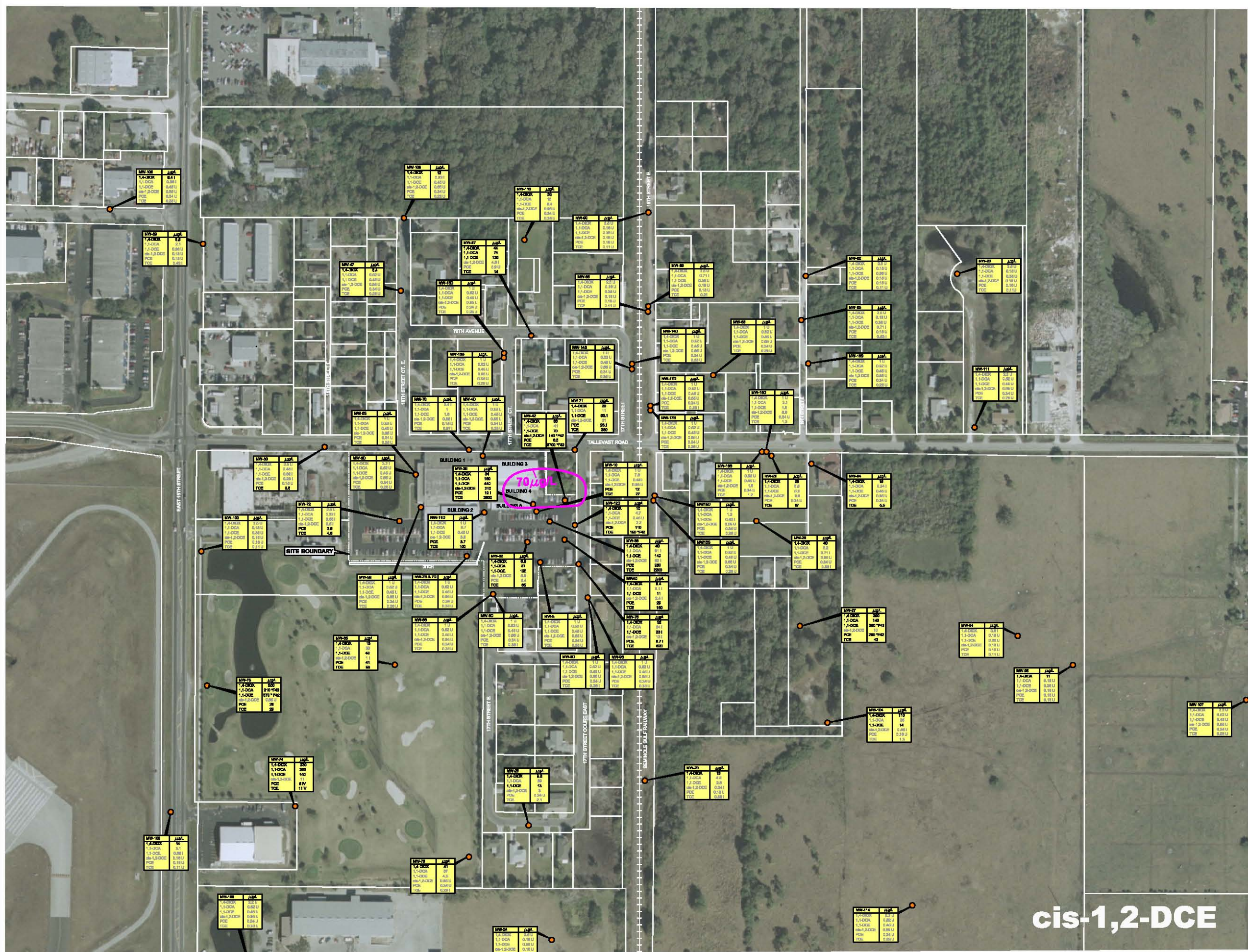


APPROVED BY:	P.C.	DATE	4/12/05
DESIGNED BY:	P.C.	SCALE	1"=130'
PREPARED BY:	C.P.	PROJECT NUMBER	0507.086



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FIGURE 4
FIXED-BASE LABORATORY RESULTS FOR GROUNDWATER AND 1,1-DCE CONTOURS IN THE UPPER SURFICIAL AQUIFER SYSTEM
SITE ASSESSMENT REPORT ADDENDUM
FORMER AMERICAN BERYLLIUM COMPANY, TALLEYVAST, FLORIDA



LEGEND

- UPPER SURFICIAL AQUIFER SYSTEM (USAS) MONITOR WELL
- cis-1,2-DICHLOROETHENE (cis-1,2-DCE) CONCENTRATION CONTOUR (ug/L) (CONTOUR INTERVAL AS SHOWN)
- INFERRED CONTOUR

REPORTING CONVENTION RELATIVE TO COC-SPECIFIC GROUNDWATER CLEANUP TARGET LEVELS (GCTLs)

- RESULT ≥ GCTL **TCE 26 (BOLD)**
- RESULT < GCTL **TCE 1.3 (GRAY)**

TARGET COC	ABBREVIATION	GCTL (ug/L)
1,4-Dioxane	1,4-DIOX	5
1,1-Dichloroethane	1,1-DCA	70
1,1-Dichloroethene	1,1-DCE	7
cis-1,2-Dichloroethene	cis-1,2-DCE	70
Tetrachloroethene	PCE	3
Trichloroethene	TCE	3

NOTES:

1. SOME CLUSTER WELLS PLACED IN APPROXIMATE LOCATIONS FOR CLARITY.
2. RESULTS FROM ALL USAS MONITOR WELL WATER QUALITY SAMPLES ARE PROVIDED IN TABLE 3-15.
3. ALL CONCENTRATIONS REPORTED IN ug/L.
4. POSTED DATA REPRESENT ALL UPPER SURFICIAL AQUIFER SYSTEM MONITOR WELL GROUNDWATER SAMPLE RESULTS FROM THE DECEMBER 2004 TO FEBRUARY 2005 SAMPLING EVENTS.



cis-1,2-DCE

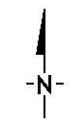
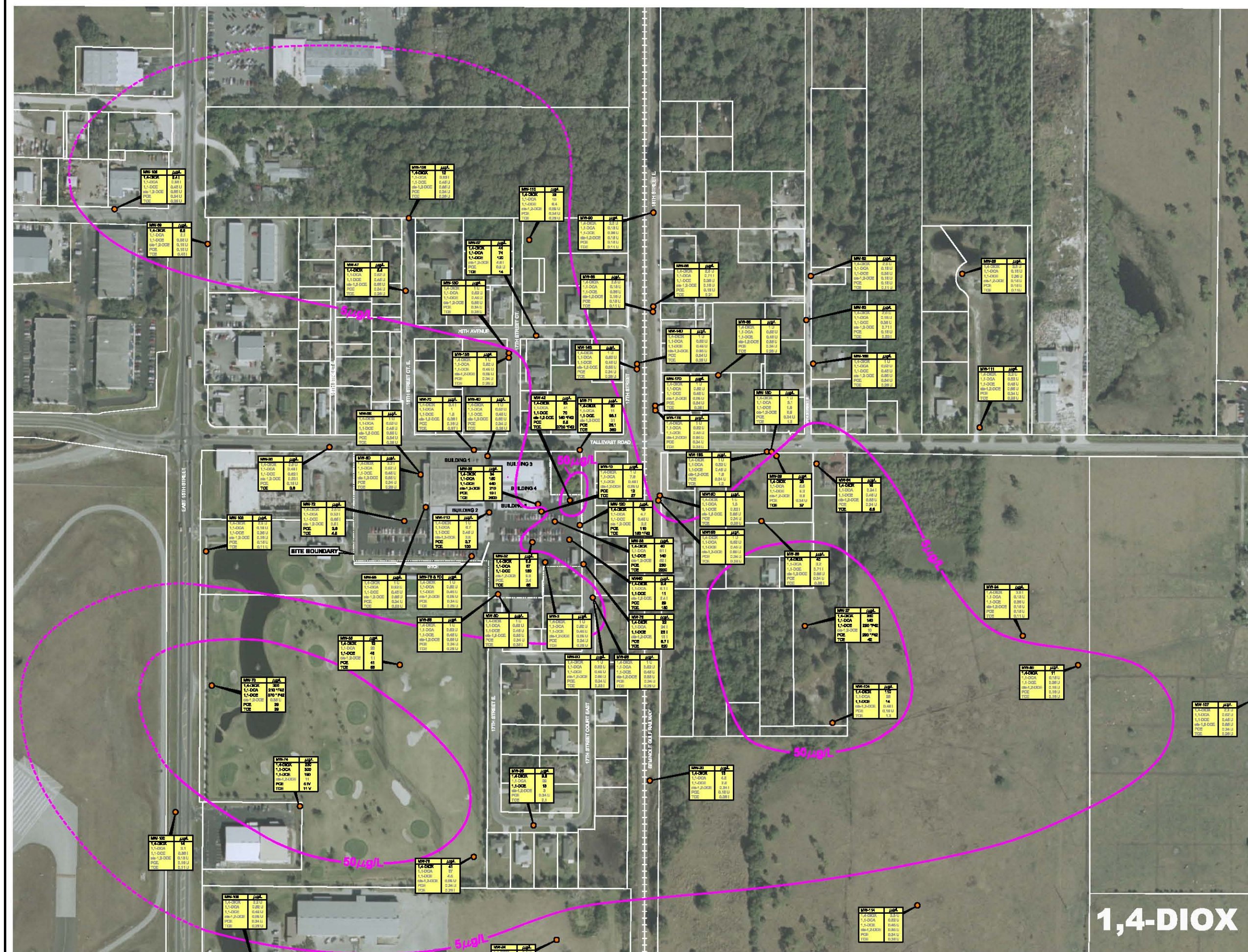
FIGURE 5

APPROVED BY	P.C.	DATE	4/12/05
CHECKED BY	P.C.	SCALE	1"=130'
PREPARED BY	C.P.	PROJECT NUMBER	0507.088



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Tampa, FL 33634

FKED-BASE LABORATORY RESULTS FOR GROUNDWATER AND cis-1,2-DCE CONTOURS IN THE UPPER SURFICIAL AQUIFER SYSTEM
SITE ASSESSMENT REPORT ADDENDUM
FORMER AMERICAN BERYLLIUM COMPANY, TALLEVAST, FLORIDA



LEGEND

- UPPER SURFICIAL AQUIFER SYSTEM (USAS) MONITOR WELL
- 1,4-DIOXANE (1,4-DIOX) CONCENTRATION CONTOUR (ug/L) (CONTOUR INTERVAL AS SHOWN)
- - - - INFERRED CONTOUR

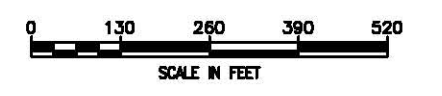
REPORTING CONVENTION RELATIVE TO COC-SPECIFIC GROUNDWATER CLEANUP TARGET LEVELS (GCTLs)

- RESULT ≥ GCTL **TCE 26** (BOLD)
- RESULT < GCTL **TCE 1.3** (GRAY)

TARGET COC	ABBREVIATION	GCTL (ug/L)
1,4-Dioxane	1,4-DIOX	5
1,1-Dichloroethane	1,1-DCA	70
1,1-Dichloroethene	1,1-DCE	7
cis-1,2-Dichloroethene	cis-1,2-DCE	70
Tetrachloroethene	PCE	3
Trichloroethene	TCE	3

NOTES:

1. SOME CLUSTER WELLS PLACED IN APPROXIMATE LOCATIONS FOR CLARITY.
2. RESULTS FROM ALL USAS MONITOR WELL WATER QUALITY SAMPLES ARE PROVIDED IN TABLE 3-15.
3. ALL CONCENTRATIONS REPORTED IN ug/L.
4. POSTED DATA REPRESENT ALL UPPER SURFICIAL AQUIFER SYSTEM MONITOR WELL GROUNDWATER SAMPLE RESULTS FROM THE DECEMBER 2004 TO FEBRUARY 2005 SAMPLING EVENTS.



1,4-DIOX

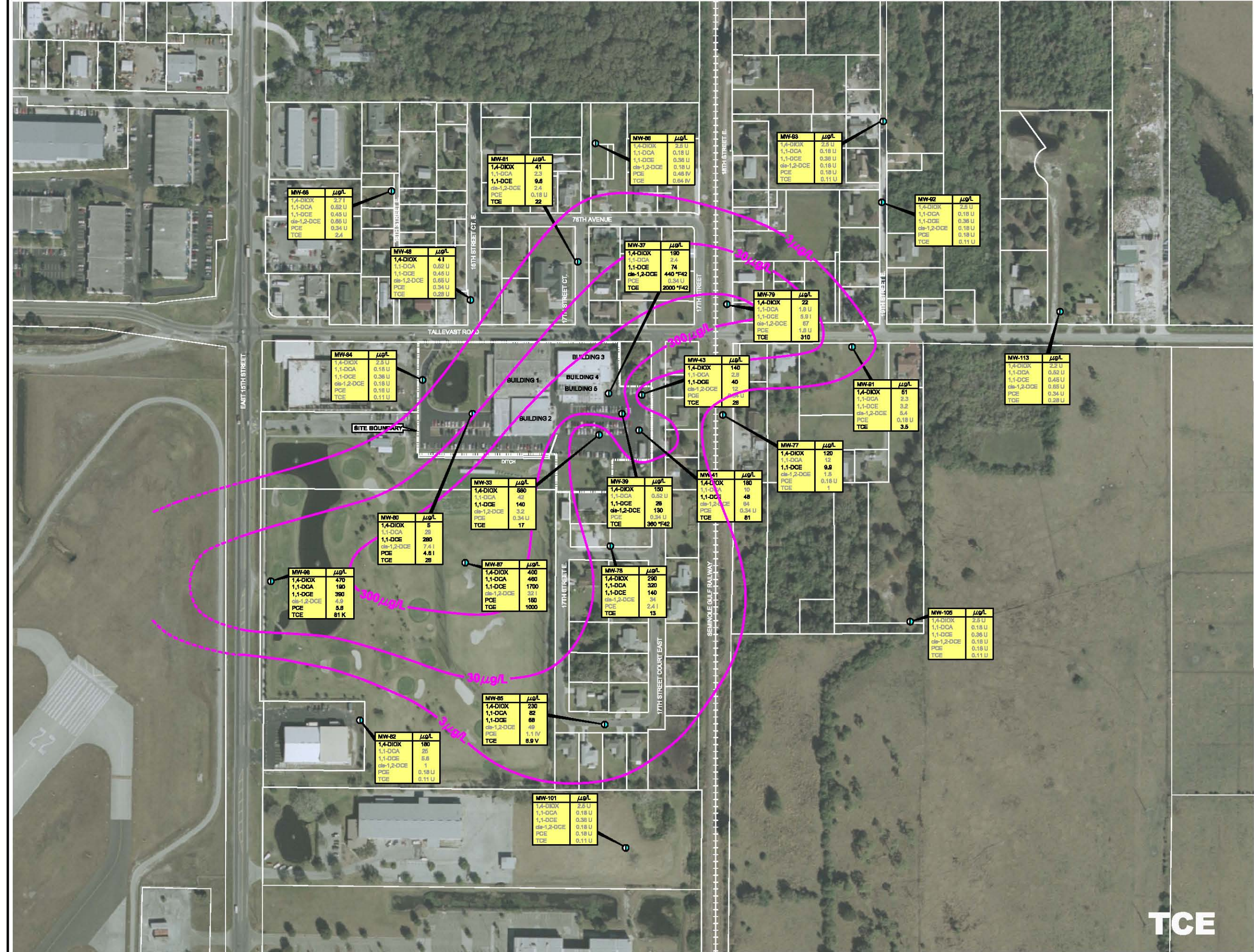
FIGURE 6

APPROVED BY	P.C.	DATE	4/12/05
CHECKED BY	P.C.	SCALE	1"=130'
PREPARED BY	C.P.	PROJECT NUMBER	0507.006



Tetra Tech, Inc.
5421 Beaumont Center Blvd., Suite 660
Tampa, FL 33634

FKED-BASE LABORATORY RESULTS FOR GROUNDWATER AND 1,4-DIOX CONTOURS IN THE UPPER SURFICIAL AQUIFER SYSTEM
SITE ASSESSMENT REPORT ADDENDUM
FORMER AMERICAN BERYLLIUM COMPANY, TALLEHAST, FLORIDA



LEGEND

- LOWER SURFICIAL AQUIFER SYSTEM (LSAS) MONITOR WELL
- TRICHLOROETHENE (TCE) CONCENTRATION CONTOUR (ug/L) (CONTOUR INTERVAL AS SHOWN)
- - - INFERRED CONTOUR

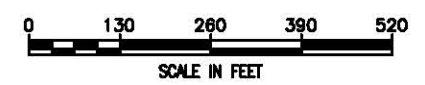
REPORTING CONVENTION RELATIVE TO COC-SPECIFIC GROUNDWATER CLEANUP TARGET LEVELS (GCTLs)

- RESULT ≥ GCTL **TCE 28** (BOLD)
- RESULT < GCTL **TCE 1.3** (GRAY)

TARGET COC	ABBREVIATION	GCTL (ug/L)
1,4-Dioxane	1,4-DIOX	5
1,1-Dichloroethane	1,1-DCA	70
1,1-Dichloroethene	1,1-DCE	7
cis-1,2-Dichloroethene	cis-1,2-DCE	70
Tetrachloroethene	PCE	3
Trichloroethene	TCE	3

NOTES:

1. SOME CLUSTER WELLS PLACED IN APPROXIMATE LOCATIONS FOR CLARITY.
2. RESULTS FROM ALL LSAS MONITOR WELL WATER QUALITY SAMPLES ARE PROVIDED IN TABLE 3-15.
3. ALL CONCENTRATIONS REPORTED IN ug/L.
4. POSTED DATA REPRESENT ALL LOWER SURFICIAL AQUIFER SYSTEM MONITOR WELL GROUNDWATER SAMPLE RESULTS FROM THE DECEMBER 2004 TO FEBRUARY 2005 SAMPLING EVENTS.



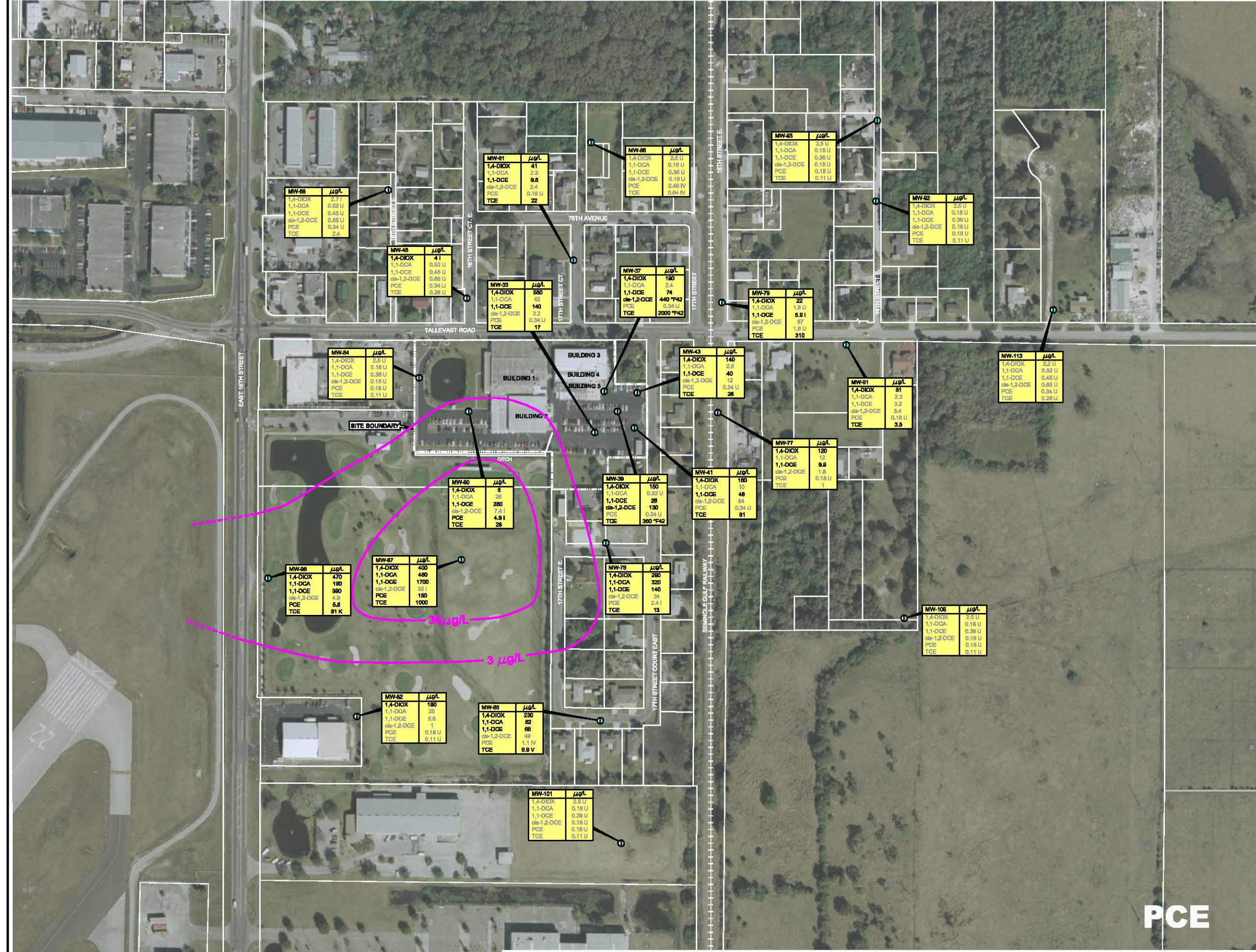
APPROVED BY:	P.C.	DATE:	4/12/05
DESIGNED BY:	P.C.	SCALE:	1"=130'
PREPARED BY:	C.P.	PROJECT NUMBER:	0507.086



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FIGURE 7
FIXED-BASE LABORATORY RESULTS FOR GROUNDWATER AND TCE CONTOURS IN THE LOWER SURFICIAL AQUIFER SYSTEM
SITE ASSESSMENT REPORT ADDENDUM
FORMER AMERICAN BERYLLIUM COMPANY, TALLEVAST, FLORIDA

TCE



LEGEND

- LOWER SURFICIAL AQUIFER SYSTEM (LSAS) MONITOR WELL
- TETRACHLOROETHENE (PCE) CONCENTRATION CONTOUR (ug/L) (CONTOUR INTERVAL AS SHOWN)
- - - INFERRED CONTOUR

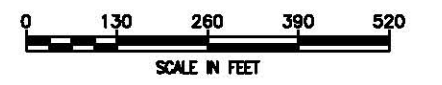
REPORTING CONVENTION RELATIVE TO COC-SPECIFIC GROUNDWATER CLEANUP TARGET LEVELS (GCTLs)

- RESULT ≥ GCTL **TCE 26** (BOLD)
- RESULT < GCTL **TCE 1.3** (GRAY)

TARGET COC	ABBREVIATION	GCTL (ug/L)
1,4-Dioxane	1,4-DIOX	5
1,1-Dichloroethane	1,1-DCA	70
1,1-Dichloroethene	1,1-DCE	7
cis-1,2-Dichloroethene	cis-1,2-DCE	70
Tetrachloroethene	PCE	3
Trichloroethene	TCE	3

NOTES:

1. SOME CLUSTER WELLS PLACED IN APPROXIMATE LOCATIONS FOR CLARITY.
2. RESULTS FROM ALL LSAS MONITOR WELL WATER QUALITY SAMPLES ARE PROVIDED IN TABLE 3-15.
3. ALL CONCENTRATIONS REPORTED IN ug/L.
4. POSTED DATA REPRESENT ALL LOWER SURFICIAL AQUIFER SYSTEM MONITOR WELL GROUNDWATER SAMPLE RESULTS FROM THE DECEMBER 2004 TO FEBRUARY 2005 SAMPLING EVENTS.
5. CONTOUR INTERVALS ARE PROVIDED ON AN IRREGULAR SCALE FOR CLARITY, AS SHOWN. THE SMALLEST CONTOUR INTERVAL IS EQUIVALENT TO THE COC-SPECIFIC GCTL.



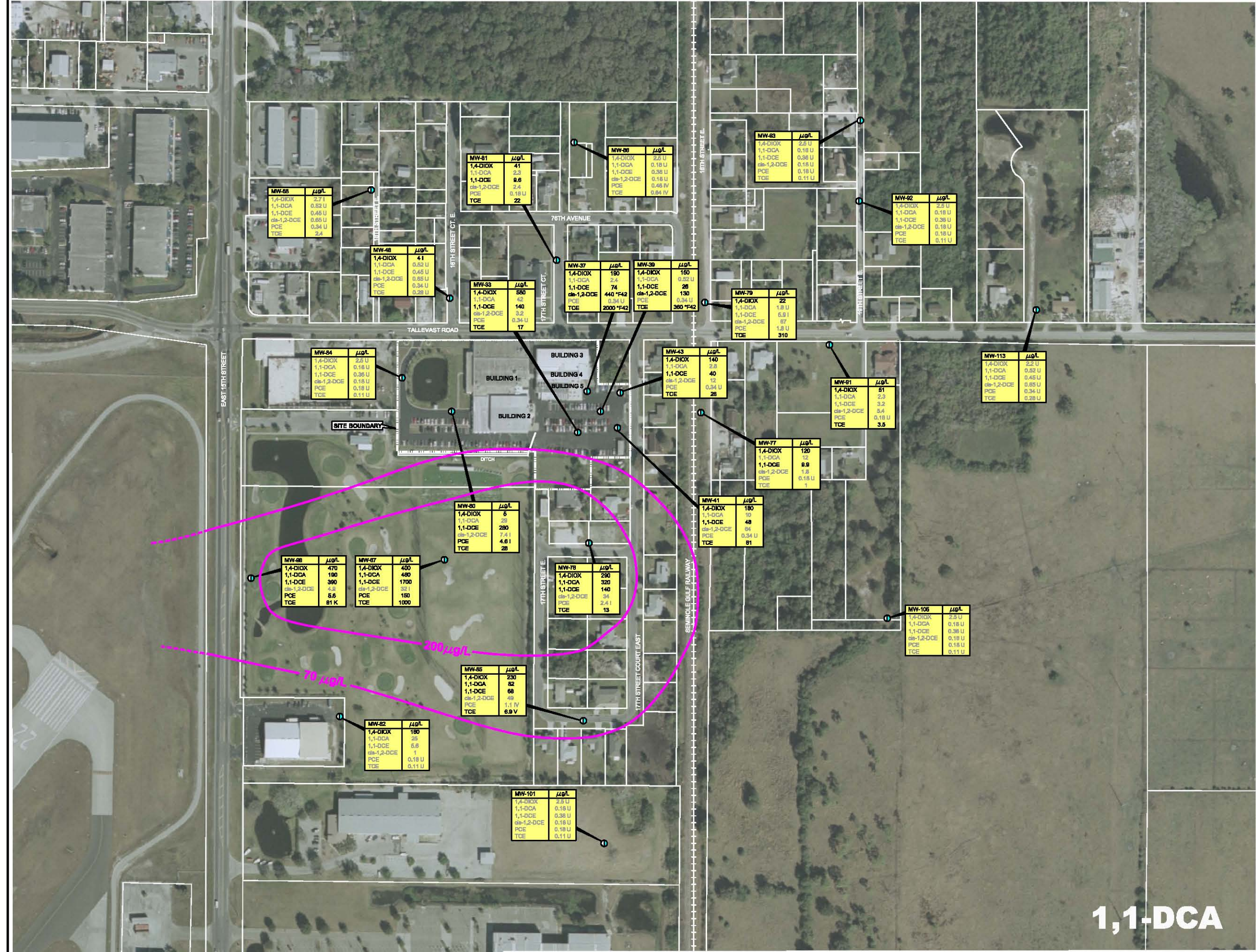
APPROVED BY:	P.C.	DATE:	4/12/05
DRAWN BY:	P.C.	SCALE:	1"=130'
PREPARED BY:	C.P.	PROJECT NUMBER:	0507.086



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FIXED-BASE LABORATORY RESULTS FOR GROUNDWATER AND PCE CONTOURS IN THE LOWER SURFICIAL AQUIFER SYSTEM
SITE ASSESSMENT REPORT ADDENDUM
FORMER AMERICAN BERYLLIUM COMPANY, TALLEVAST, FLORIDA

FIGURE 8



LEGEND

- LOWER SURFICIAL AQUIFER SYSTEM (LSAS) MONITOR WELL
- 1,1-DICHLOROETHANE (1,1-DCA) CONCENTRATION CONTOUR (ug/L) (CONTOUR INTERVAL AS SHOWN)
- - - - - INFERRED CONTOUR

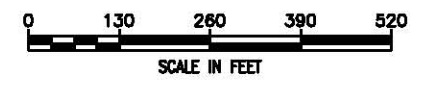
REPORTING CONVENTION RELATIVE TO COC-SPECIFIC GROUNDWATER CLEANUP TARGET LEVELS (GCTLs)

- RESULT ≥ GCTL **TCE 26** (BOLD)
- RESULT < GCTL **TCE 1.3** (GRAY)

TARGET COC	ABBREVIATION	GCTL (ug/L)
1,4-Dioxane	1,4-DIOX	5
1,1-Dichloroethane	1,1-DCA	70
1,1-Dichloroethene	1,1-DCE	7
cis-1,2-Dichloroethene	cis-1,2-DCE	70
Tetrachloroethene	PCE	3
Trichloroethene	TCE	3

NOTES:

1. SOME CLUSTER WELLS PLACED IN APPROXIMATE LOCATIONS FOR CLARITY.
2. RESULTS FROM ALL LSAS MONITOR WELL WATER QUALITY SAMPLES ARE PROVIDED IN TABLE 3-15.
3. ALL CONCENTRATIONS REPORTED IN ug/L.
4. POSTED DATA REPRESENT ALL LOWER SURFICIAL AQUIFER SYSTEM MONITOR WELL GROUNDWATER SAMPLE RESULTS FROM THE DECEMBER 2004 TO FEBRUARY 2005 SAMPLING EVENTS.



1,1-DCA

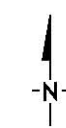
APPROVED BY:	P.C.	DATE:	4/12/05
DESIGNED BY:	P.C.	SCALE:	1"=130'
PREPARED BY:	C.P.	PROJECT NUMBER:	0507.086



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FIXED-BASE LABORATORY RESULTS FOR GROUNDWATER AND 1,1-DCA CONTOURS IN THE LOWER SURFICIAL AQUIFER SYSTEM
SITE ASSESSMENT REPORT ADDENDUM
FORMER AMERICAN BERYLLIUM COMPANY, TALLEVAST, FLORIDA

FIGURE 9



LEGEND

○ LOWER SURFICIAL AQUIFER SYSTEM (LSAS) MONITOR WELL

— cis-1,2-DICHLOROETHENE (cis-1,2-DCE) CONCENTRATION CONTOUR (ug/L) (CONTOUR INTERVAL AS SHOWN)

- - - INFERRED CONTOUR

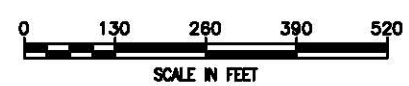
REPORTING CONVENTION RELATIVE TO COC-SPECIFIC GROUNDWATER CLEANUP TARGET LEVELS (GCTLs)

RESULT ≥ GCTL **TCE 26** (BOLD)
 RESULT < GCTL **TCE 1.3** (GRAY)

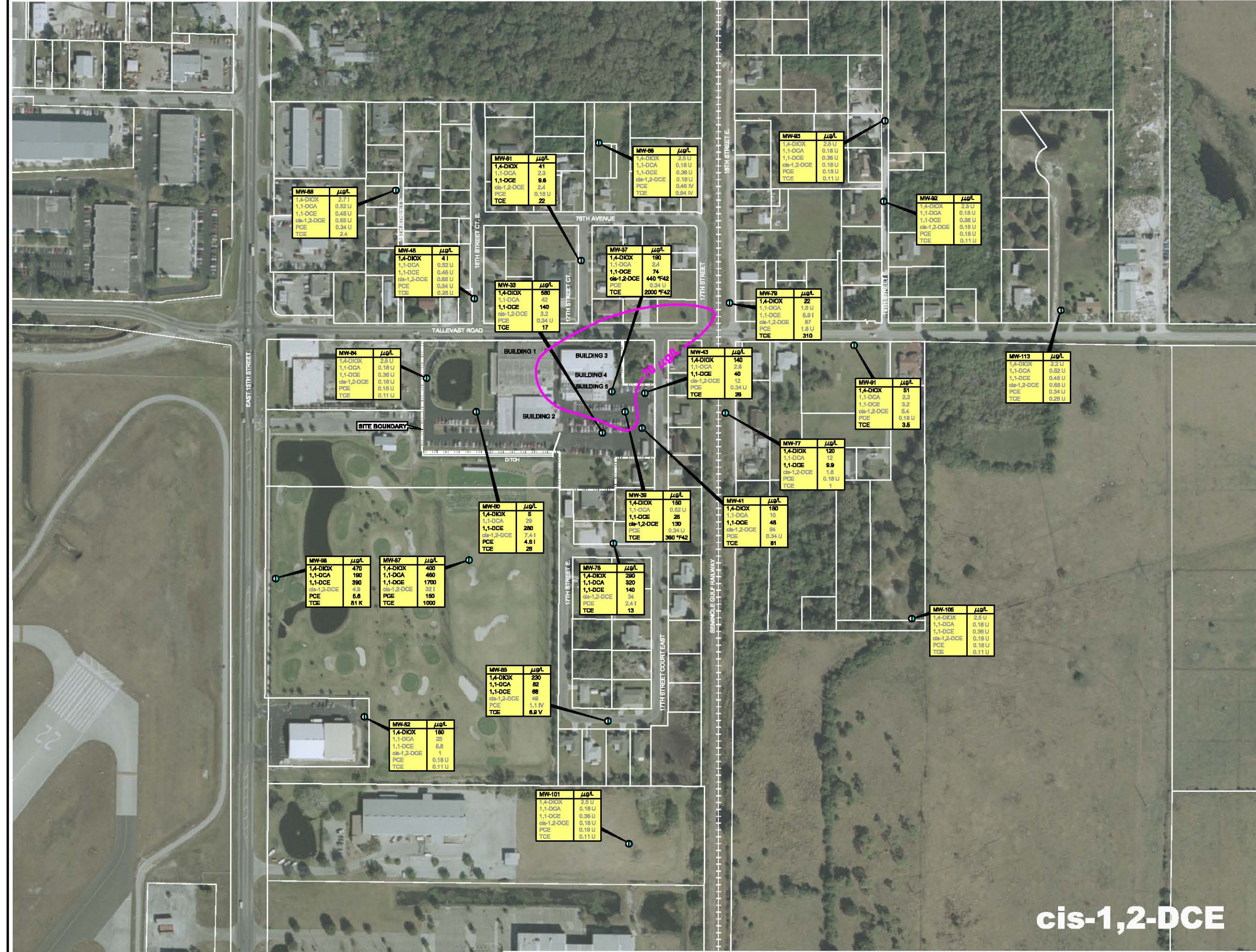
TARGET COC	ABBREVIATION	GCTL (ug/L)
1,4-Dioxane	1,4-DIOX	5
1,1-Dichloroethane	1,1-DCA	70
1,1-Dichloroethene	1,1-DCE	7
cis-1,2-Dichloroethene	cis-1,2-DCE	70
Tetrachloroethene	PCE	3
Trichloroethene	TCE	3

NOTES:

- SOME CLUSTER WELLS PLACED IN APPROXIMATE LOCATIONS FOR CLARITY.
- RESULTS FROM ALL LSAS MONITOR WELL WATER QUALITY SAMPLES ARE PROVIDED IN TABLE 3-15.
- ALL CONCENTRATIONS REPORTED IN ug/L
- POSTED DATA REPRESENT ALL LOWER SURFICIAL AQUIFER SYSTEM MONITOR WELL GROUNDWATER SAMPLE RESULTS FROM THE DECEMBER 2004 TO FEBRUARY 2005 SAMPLING EVENTS.



cis-1,2-DCE



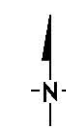
APPROVED BY:	P.C.	DATE:	4/12/05
CHECKED BY:	P.C.	SCALE:	1"=130'
PREPARED BY:	C.P.	PROJECT NUMBER:	0507.086



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FIXED-BASE LABORATORY RESULTS FOR GROUNDWATER AND cis-1,2-DCE CONTOURS IN THE LOWER SURFICIAL AQUIFER SYSTEM
 SITE ASSESSMENT REPORT ADDENDUM
 FORMER AMERICAN BERYLLIUM COMPANY, TALLEVAST, FLORIDA

FIGURE 11



LEGEND

- LOWER SURFICIAL AQUIFER SYSTEM (LSAS) MONITOR WELL
- 1,4-DIOXANE (1,4-DIOX) CONCENTRATION CONTOUR (ug/L) (CONTOUR INTERVAL AS SHOWN)
- - - INFERRED CONTOUR

REPORTING CONVENTION RELATIVE TO COC-SPECIFIC GROUNDWATER CLEANUP TARGET LEVELS (GCTLs)

- RESULT ≥ GCTL **TCE 26** (BOLD)
- RESULT < GCTL TCE 1.3 (GRAY)

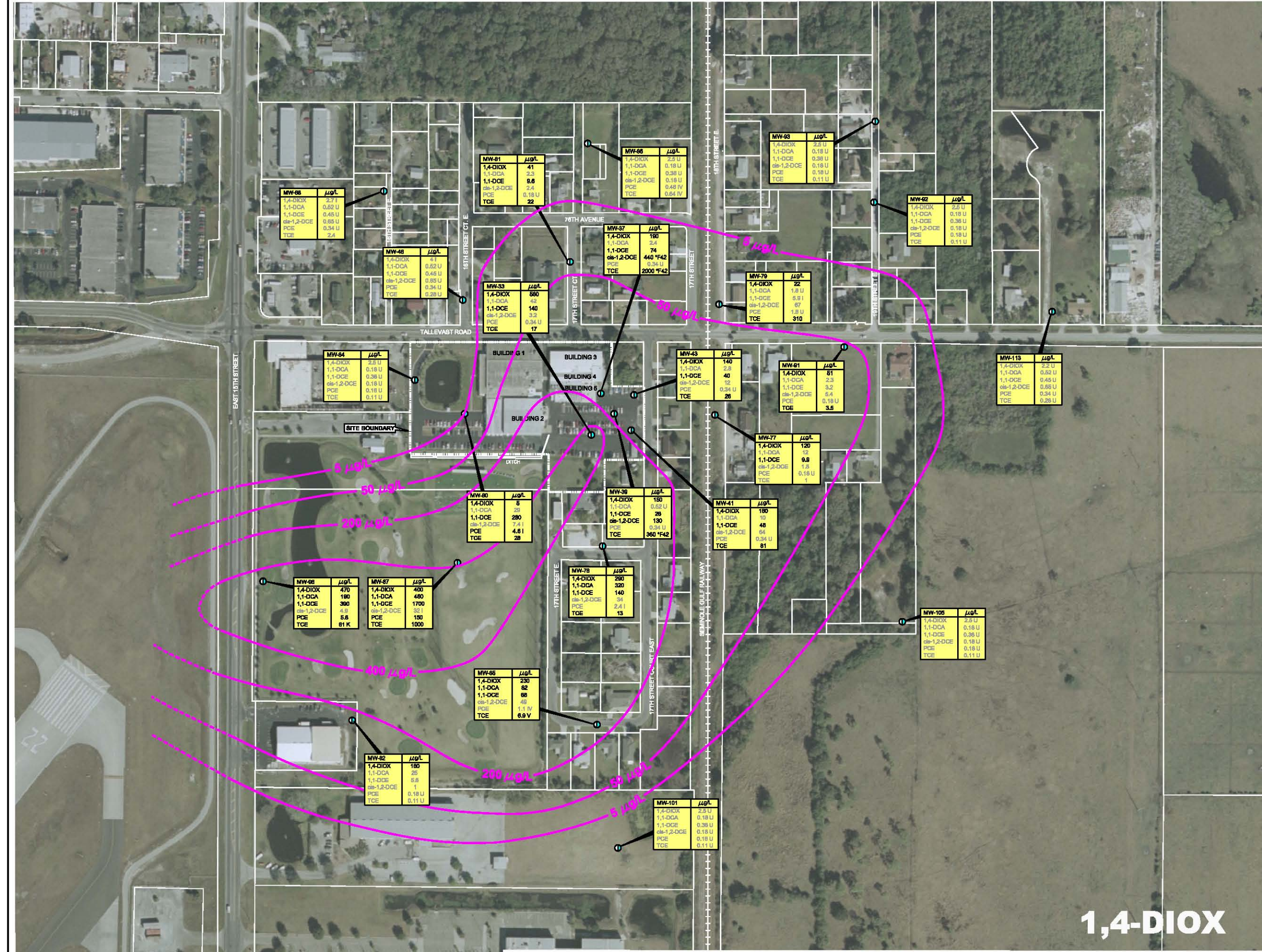
TARGET COC	ABBREVIATION	GCTL (ug/L)
1,4-Dioxane	1,4-DIOX	5
1,1-Dichloroethane	1,1-DCA	70
1,1-Dichloroethene	1,1-DCE	7
cis-1,2-Dichloroethene	cis-1,2-DCE	70
Tetrachloroethene	PCE	3
Trichloroethene	TCE	3

NOTES:

1. SOME CLUSTER WELLS PLACED IN APPROXIMATE LOCATIONS FOR CLARITY.
2. RESULTS FROM ALL LSAS MONITOR WELL WATER QUALITY SAMPLES ARE PROVIDED IN TABLE 3-15.
3. ALL CONCENTRATIONS REPORTED IN ug/L
4. POSTED DATA REPRESENT ALL LOWER SURFICIAL AQUIFER SYSTEM MONITOR WELL GROUNDWATER SAMPLE RESULTS FROM THE DECEMBER 2004 TO FEBRUARY 2005 SAMPLING EVENTS.



1,4-DIOX



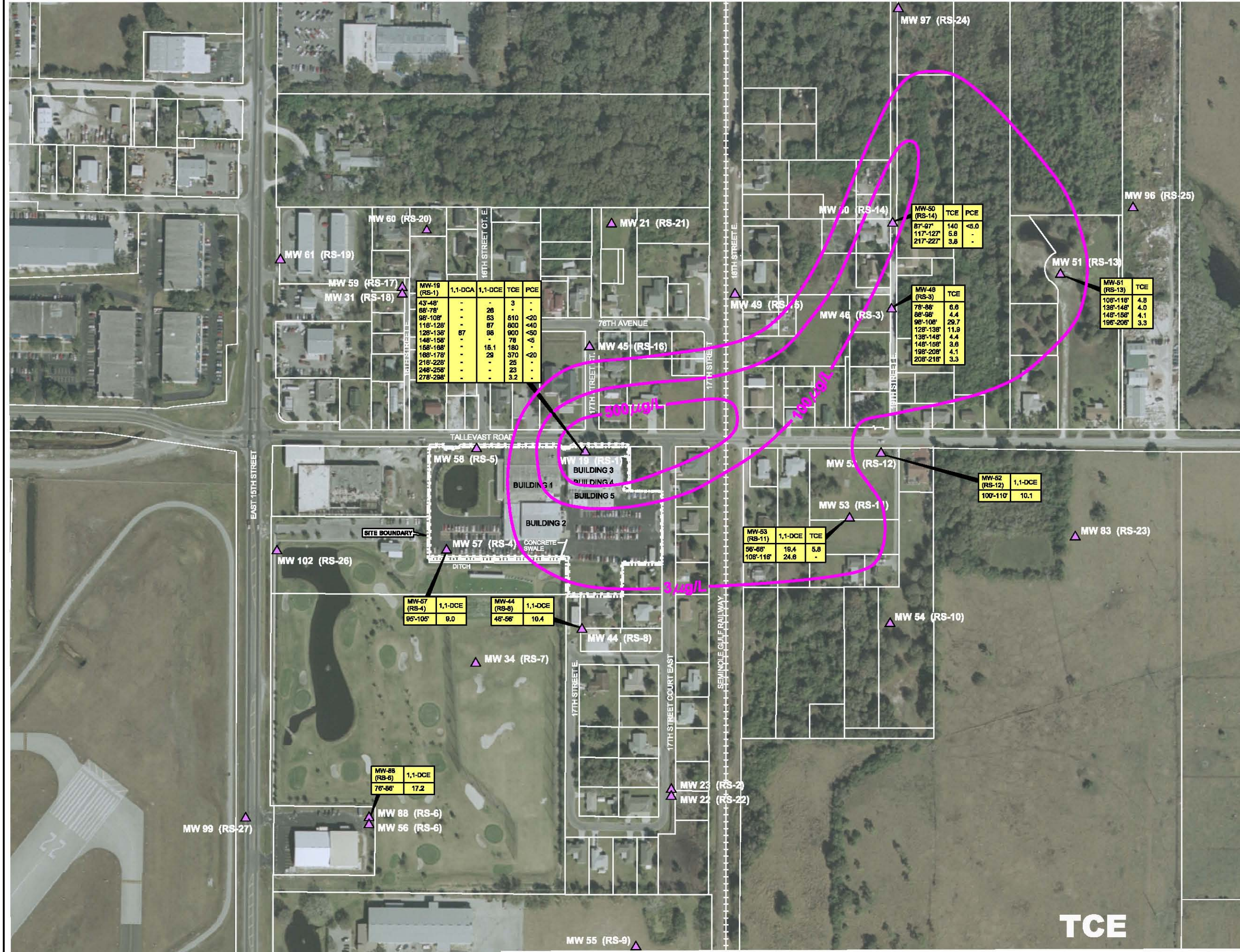
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PREPARED BY:	C.P.	PROJECT NUMBER:	0507.086



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FIXED-BASE LABORATORY RESULTS FOR GROUNDWATER AND 1,4-DIOX CONTOURS IN THE LOWER SURFICIAL AQUIFER SYSTEM
SITE ASSESSMENT REPORT ADDENDUM
FORMER AMERICAN BERYLLIUM COMPANY, TALLEVAST, FLORIDA

FIGURE 12



-N-

LEGEND

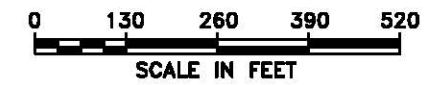
MW 52 (RS-12) INTERMEDIATE SURFICIAL AQUIFER SYSTEM (IAS) MONITOR WELL WITH ORIGINAL BOREHOLE ID IN PARENTHESES.

TRICHLOROETHENE (TCE) CONCENTRATION CONTOUR (ug/L) (CONTOUR INTERVAL AS SHOWN) MAXIMUM DISCRETE-INTERVAL CONCENTRATION AT EACH BOREHOLE USED

INFERRED CONTOUR

TARGET COC	ABBREVIATION	GCTL (ug/L)
1,1-Dichloroethane	1,1-DCA	70
1,1-Dichloroethene	1,1-DCE	7
cis-1,2-Dichloroethene	cis-1,2-DCE	70
Tetrachloroethene	PCE	3
Trichloroethene	TCE	3

- NOTES:**
- SOME CLUSTER WELLS PLACED IN APPROXIMATE LOCATIONS FOR CLARITY.
 - RESULTS FROM ALL IAS DISCRETE INTERVAL WATER QUALITY SAMPLES ARE PROVIDED IN TABLE 3-16.
 - POSTED DATA REPRESENTS ALL IAS MOBILE LAB DETECTIONS (ug/L) FOR TARGET COCs (LISTED IN TABLE ABOVE) GREATER THAN OR EQUAL TO GCTLs FROM DISCRETE-INTERVAL BOREHOLE GROUNDWATER SAMPLING AT THE SPECIFIED DEPTH INTERVAL (FT BGS).
 - IF NO DATA ARE POSTED, ALL DISCRETE-INTERVAL TARGET COC CONCENTRATIONS ARE LESS THAN GCTLs OR NON-DETECT.
 - ALL CONCENTRATIONS REPORTED IN ug/L.
 - THE CONTOURED COC VALUE AT EACH BOREHOLE IS THE MAXIMUM MOBILE LAB CONCENTRATION OVER ALL DEPTH INTERVALS TESTED (VALUES NOTED IN THE ASSOCIATED YELLOW TAG BOX)
 - THE ANALYTICAL RESULTS PRESENTED ON THIS FIGURE ARE FROM GROUNDWATER SAMPLES COLLECTED DIRECTLY FROM BOREHOLES AT DISCRETE-INTERVALS GENERALLY USING A PACKER SYSTEM. THEREFORE THIS DATA SHOULD BE CONSIDERED SCREENING LEVEL QUALITY ONLY.



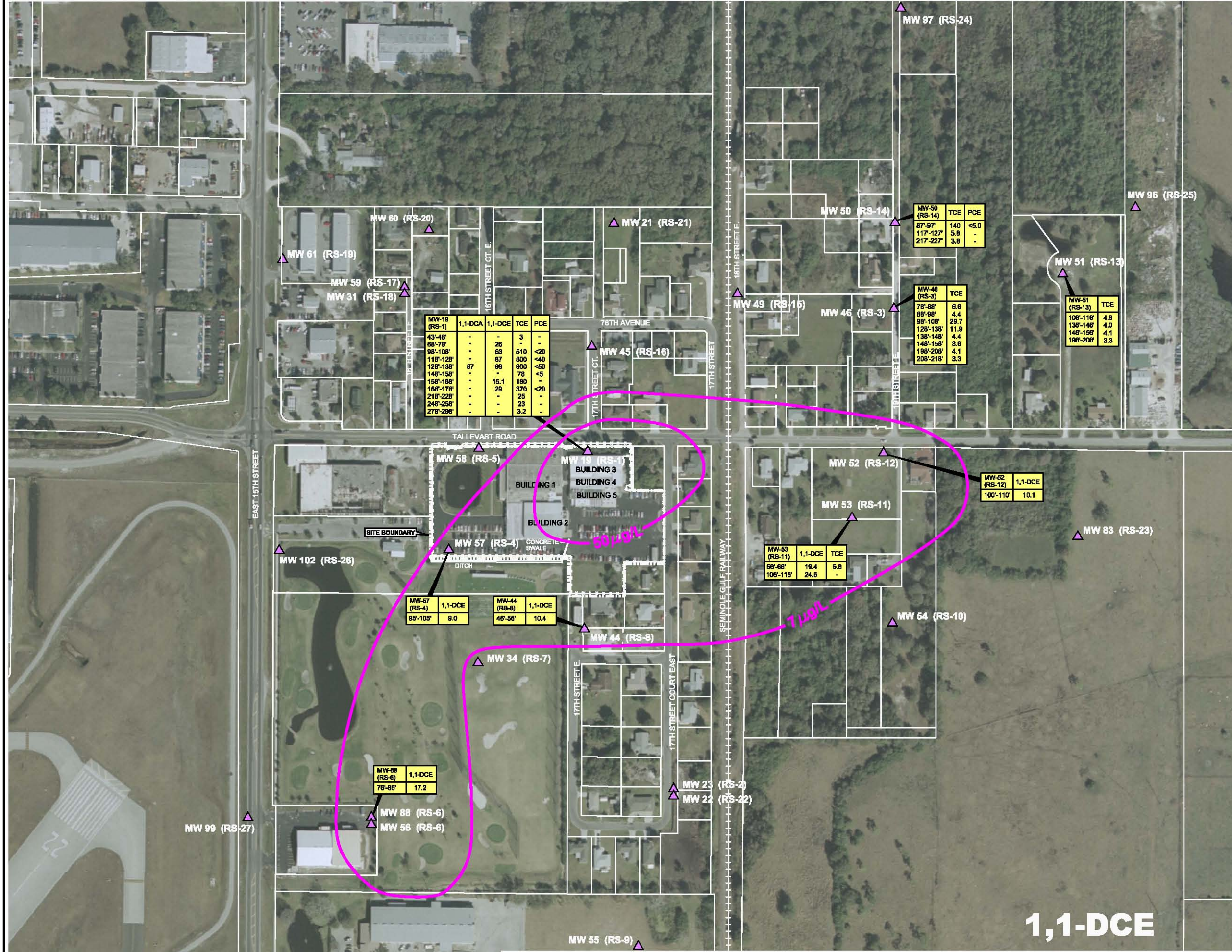
TCE

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DESIGNED BY:	P.C.	SCALE	1"=130'
PREPARED BY:	C.P.	PROJECT NUMBER	0507.086



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FIGURE 13
INTERMEDIATE AQUIFER SYSTEM GROUNDWATER MOBILE LAB RESULTS FOR INDICATOR VOCs AND MAXIMUM TCE CONTOURS IN DISCRETE-INTERVAL SAMPLING
SITE ASSESSMENT REPORT ADDENDUM
FORMER AMERICAN BERYLLIUM COMPANY, TALLEVAST, FLORIDA



LEGEND

- MW 52 (RS-12) INTERMEDIATE SURFICIAL AQUIFER SYSTEM (IAS) MONITOR WELL WITH ORIGINAL BOREHOLE ID IN PARENTHESES.
- 1,1-DICHLOROETHENE (1,1-DCE) CONCENTRATION CONTOUR (ug/L) (CONTOUR INTERVAL AS SHOWN) MAXIMUM DISCRETE-INTERVAL CONCENTRATION AT EACH BOREHOLE USED
- INFERRED CONTOUR

TARGET COC	ABBREVIATION	GCTL (ug/L)
1,1-Dichloroethane	1,1-DCA	70
1,1-Dichloroethene	1,1-DCE	7
cis-1,2-Dichloroethene	cis-1,2-DCE	70
Tetrachloroethene	PCE	3
Trichloroethene	TCE	3

NOTES:

1. SOME CLUSTER WELLS PLACED IN APPROXIMATE LOCATIONS FOR CLARITY.
2. RESULTS FROM ALL IAS DISCRETE INTERVAL WATER QUALITY SAMPLES ARE PROVIDED IN TABLE 3-16.
3. POSTED DATA REPRESENTS ALL IAS MOBILE LAB DETECTIONS (ug/L) FOR TARGET COCs (LISTED IN TABLE ABOVE) GREATER THAN OR EQUAL TO GCTLs FROM DISCRETE-INTERVAL BOREHOLE GROUNDWATER SAMPLING AT THE SPECIFIED DEPTH INTERVAL (FT BGS).
4. IF NO DATA ARE POSTED, ALL DISCRETE-INTERVAL TARGET COC CONCENTRATIONS ARE LESS THAN GCTLs OR NON-DETECT.
5. ALL CONCENTRATIONS REPORTED IN ug/L.
6. THE CONTOURED COC VALUE AT EACH BOREHOLE IS THE MAXIMUM MOBILE LAB CONCENTRATION OVER ALL DEPTH INTERVALS TESTED (VALUES NOTED IN THE ASSOCIATED YELLOW TAG BOX)
7. THE ANALYTICAL RESULTS PRESENTED ON THIS FIGURE ARE FROM GROUNDWATER SAMPLES COLLECTED DIRECTLY FROM BOREHOLES AT DISCRETE-INTERVALS GENERALLY USING A PACKER SYSTEM. THEREFORE THIS DATA SHOULD BE CONSIDERED SCREENING LEVEL QUALITY ONLY.



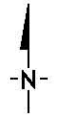
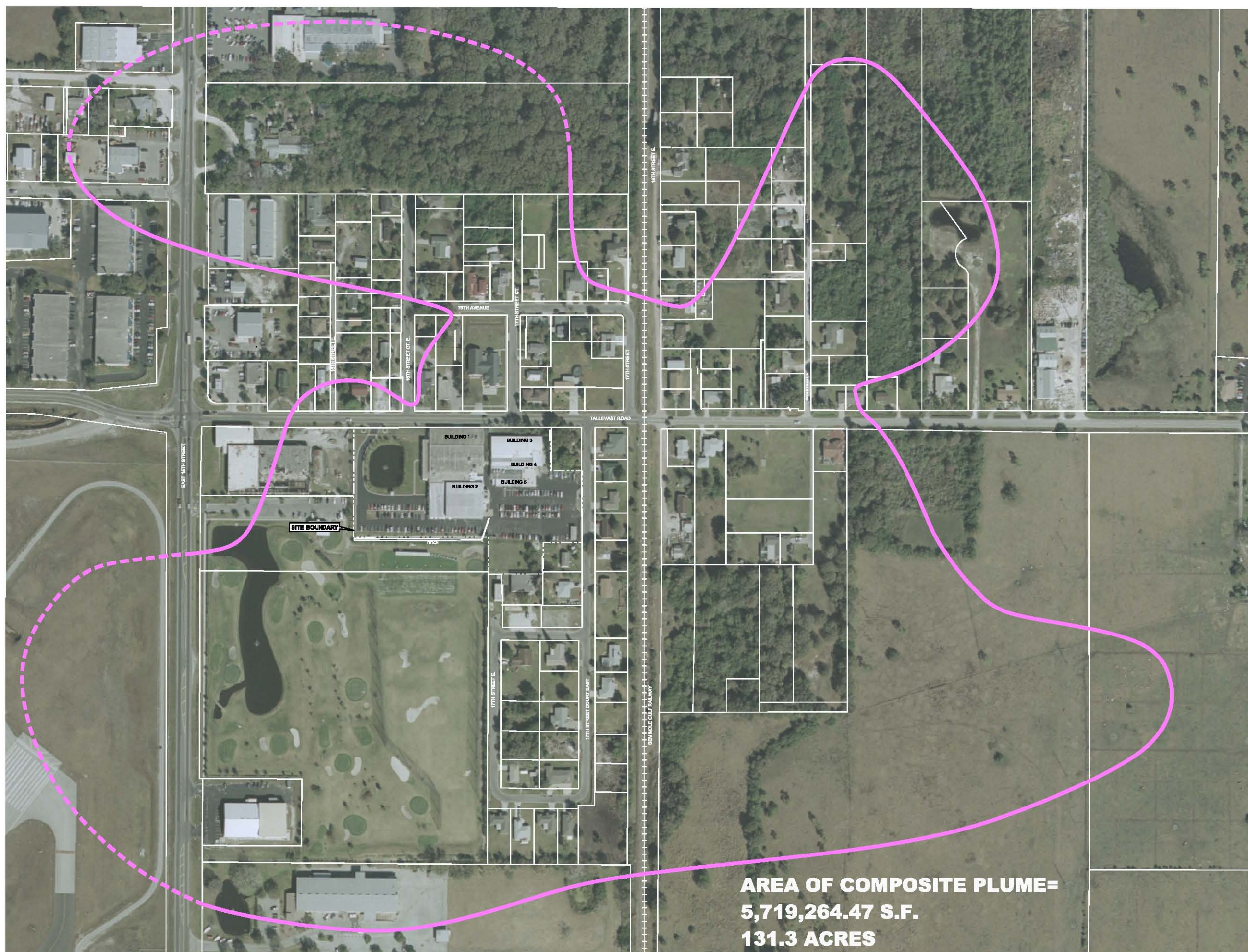
1,1-DCE

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PREPARED BY:	C.P.	PROJECT NUMBER	0507.086



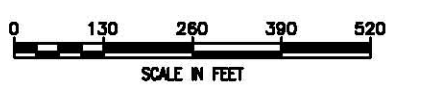
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FIGURE 14
INTERMEDIATE AQUIFER SYSTEM GROUNDWATER MOBILE LAB RESULTS FOR INDICATOR VOCs AND MAXIMUM 1,1-DCE CONTOURS IN DISCRETE-INTERVAL SAMPLING SITE ASSESSMENT REPORT ADDENDUM FORMER AMERICAN BERYLLIUM COMPANY, TALLEVAST, FLORIDA



LEGEND
 ——— COMPOSITE PLUME
 - - - - - INFERRED CONTOUR

NOTE:
 PLUME CONTOUR REPRESENTS THE MAXIMUM EXTENT OF GCTL EXCEEDANCES FOR ALL COCs IN ALL AQUIFER ZONES.



AREA OF COMPOSITE PLUME=
5,719,264.47 S.F.
131.3 ACRES

FIGURE 15

APPROVED BY:	P.C.	DATE:	4/12/05
DRAWN BY:	P.C.	SCALE:	1"=130'
PROJECT NO.:	C.P.	PROJECT NAME:	0507.088



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COMPOSITE PLUME
 SITE ASSESSMENT REPORT ADDENDUM
 FORMER AMERICAN BERYLLIUM COMPANY, TALLEVAST, FLORIDA