



Sample Location/Identification			MW-101	MW-106	MW-111	TMW-1	TMW-3	TMW-4	TMW-5	TMW-6	Tier 1 Groundwater Remediation Objectives	
Date Collected			01/11/2013	01/11/2013	01/11/2013	6/21/2012	6/19/2012	6/21/2012	6/21/2012	6/19/2012		
											Class I	Class II
Volatile Organic Analytical Parameters			Units									
74-87-3	Chloromethane	mg/L	--	--	--	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025	0.028	0.14
74-83-9	Bromomethane	mg/L	--	--	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0098	0.049
75-01-4	Vinyl Chloride	mg/L	--	--	--	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.002	0.01
75-00-3	Chloroethane	mg/L	--	--	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	2.8	14
75-09-2	Methylene Chloride	mg/L	--	--	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.005	0.05
67-64-1	Acetone	mg/L	--	--	--	<0.050	<0.050	<0.050	<0.050	<0.050	6.3	6.3
75-15-0	Carbon Disulfide	mg/L	--	--	--	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.7	3.5
75-35-4	1,1-Dichloroethene	mg/L	--	--	--	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.007	0.035
75-34-3	1,1-Dichloroethane	mg/L	--	--	--	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.7	3.5
156-59-2	cis-1,2-Dichloroethene	mg/L	--	--	--	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.07	0.2
156-60-5	trans-1,2-Dichloroethene	mg/L	--	--	--	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.1	0.5
67-66-3	Chloroform	mg/L	--	--	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	0.0002	0.001
107-06-2	1,2-Dichloroethane	mg/L	--	--	--	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.005	0.025
78-93-3	2-Butanone	mg/L	--	--	--	<0.010	<0.010	<0.010	<0.010	<0.010	4.2	4.2
71-55-6	1,1,1-Trichloroethane	mg/L	--	--	--	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.2	1
56-23-5	Carbon Tetrachloride	mg/L	--	--	--	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.005	0.025
75-27-4	Bromodichloromethane	mg/L	--	--	--	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0002	0.0002
78-87-5	1,2-Dichloropropane	mg/L	--	--	--	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.005	0.025
10061-01-5	1,3-Dichloropropene (cis + trans)	mg/L	--	--	--	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0005	0.0025
79-01-6	Trichloroethene	mg/L	--	--	--	<0.0010	<0.0010	<0.0010	0.00051	<0.0010	0.005	0.025
124-48-1	Dibromochloromethane	mg/L	--	--	--	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.14	0.14
79-00-5	1,1,2-Trichloroethane	mg/L	--	--	--	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.005	0.05
71-43-2	Benzene	mg/L	--	--	--	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.005	0.025
75-25-2	Bromoform	mg/L	--	--	--	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.001	0.001
1634-04-4	Methyl Tertiary-Butyl Ether	mg/L	--	--	--	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.07	0.07
108-10-1	4-Methyl-2-pentanone	mg/L	--	--	--	<0.010	<0.010	<0.010	<0.010	<0.010	0.56	0.56
591-78-6	2-Hexanone	mg/L	--	--	--	<0.010	<0.010	<0.010	<0.010	<0.010	0.28	0.28
127-18-4	Tetrachloroethene	mg/L	--	--	--	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.005	0.025
108-88-3	Toluene	mg/L	--	--	--	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	1	2.5
79-34-5	1,1,2,2-Tetrachloroethane	mg/L	--	--	--	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.42	0.42
108-90-7	Chlorobenzene	mg/L	--	--	--	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.1	0.5
100-41-4	Ethylbenzene	mg/L	--	--	--	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.7	1
100-42-5	Styrene	mg/L	--	--	--	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.1	0.5
1330-20-7	Xylenes (total)	mg/L	--	--	--	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030	10	10
Semivolatile Organic Analytical Parameters												
108-95-2	Phenol	mg/L	--	--	<0.0047	--	--	<0.010	--	<0.010	0.1	0.1
111-44-4	bis(2-Chloroethyl) ether	mg/L	--	--	<0.0019	--	--	<0.010	--	<0.010	0.01	0.01
95-57-8	2-Chlorophenol (pH 4.9-7.3)	mg/L	--	--	<0.0047	--	--	<0.010	--	<0.010	0.035	0.175
95-57-8	2-Chlorophenol (pH 7.4-8.0)	mg/L	--	--	<0.0047	--	--	<0.010	--	<0.010	0.035	0.035
95-50-1	1,2-Dichlorobenzene	mg/L	--	--	<0.0019	--	--	<0.0010	--	<0.0010	0.6	1.5
541-73-1	1,3-Dichlorobenzene	mg/L	--	--	<0.0019	--	--	<0.0010	--	<0.0010	0.0063	0.0315
106-46-7	1,4-Dichlorobenzene	mg/L	--	--	<0.0019	--	--	<0.0010	--	<0.0010	0.075	0.375
95-48-7	2-Methylphenol	mg/L	--	--	<0.0019	--	--	<0.010	--	<0.010	0.35	0.35

Table 3 - Terracon Groundwater Analytical Results
Proposed Freedom's Path Facility
Hines Veterans Affairs Hospital
Page 2 of 3

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											Class I	Class II
108-60-1	2,2'-oxybis (1-chloropropane)	mg/L	--	--	<0.0019	--	--	<0.010	--	<0.010	0.28	0.28
15831-10-4	4-Methylphenol	mg/L	--	--	<0.0019	--	--	<0.010	--	<0.010	0.035	0.035
621-64-7	N-Nitroso-di-n-propylamine	mg/L	--	--	<0.00047	--	--	<0.010	--	<0.010	0.0018	0.0018
67-72-1	Hexachloroethane	mg/L	--	--	<0.0047	--	--	<0.010	--	<0.010	0.007	0.035
98-95-3	Nitrobenzene	mg/L	--	--	<0.00093	--	--	<0.010	--	<0.010	0.0035	0.0035
78-59-1	Isophorone	mg/L	--	--	<0.0019	--	--	<0.010	--	<0.010	1.4	1.4
88-75-5	2-Nitrophenol	mg/L	--	--	<0.0093	--	--	<0.010	--	<0.010	---	---
105-67-9	2,4-Dimethylphenol	mg/L	--	--	<0.0093	--	--	<0.010	--	<0.010	0.14	0.14
111-91-1	bis(2-Chloroethoxy) methane	mg/L	--	--	<0.0019	--	--	<0.010	--	<0.010	---	---
120-83-2	2,4-Dichlorophenol	mg/L	--	--	<0.0093	--	--	<0.010	--	<0.010	0.021	0.021
120-82-1	1,2,4-Trichlorobenzene	mg/L	--	--	<0.0019	--	--	<0.0010	--	<0.0010	0.07	0.7
91-20-3	Naphthalene	mg/L	--	--	0.049	--	--	<0.0050	--	<0.0050	0.14	0.22
106-47-8	4-Chloroaniline	mg/L	--	--	<0.0093	--	--	<0.010	--	<0.010	0.028	0.028
87-68-3	Hexachlorobutadiene	mg/L	--	--	<0.0047	--	--	<0.0010	--	<0.0010	0.0014	0.007
59-50-7	4-Chloro-3-methylphenol	mg/L	--	--	<0.0093	--	--	<0.010	--	<0.010	0.49	2.45
91-57-6	2-Methylnaphthalene	mg/L	--	--	0.012	--	--	<0.0010	--	<0.0010	0.028	0.14
77-47-4	Hexachlorocyclopentadiene	mg/L	--	--	<0.019	--	--	<0.010	--	<0.010	0.05	0.5
88-06-2	2,4,6-Trichlorophenol (pH 4.9-6.8)	mg/L	--	--	<0.0047	--	--	<0.010	--	<0.010	0.01	0.05
88-06-2	2,4,6-Trichlorophenol (pH 6.9-8.0)	mg/L	--	--	<0.0047	--	--	<0.010	--	<0.010	0.01	0.01
95-95-4	2,4,5-Trichlorophenol (pH 4.9-7.8)	mg/L	--	--	<0.0093	--	--	<0.010	--	<0.010	0.7	3.5
95-95-4	2,4,5-Trichlorophenol (pH 7.9-8.0)	mg/L	--	--	<0.0093	--	--	<0.010	--	<0.010	0.7	0.7
91-58-7	2-Chloronaphthalene	mg/L	--	--	<0.0019	--	--	<0.0010	--	<0.0010	0.56	2.8
88-74-4	2-Nitroaniline	mg/L	--	--	<0.0047	--	--	<0.010	--	<0.010	0.021	0.021
131-11-3	Dimethylphthalate	mg/L	--	--	<0.0019	--	--	<0.0030	--	<0.0030	70	70
208-96-8	Acenaphthylene	mg/L	--	--	<0.00093	--	--	<0.0010	--	<0.0010	0.21	1.05
606-20-2	2,6-dinitrotoluene	mg/L	--	--	<0.00047	--	--	<0.010	--	<0.010	0.00031	0.00031
99-09-2	3-Nitroanaline	mg/L	--	--	<0.0093	--	--	<0.010	--	<0.010	0.0021	0.0021
83-32-9	Acenaphthene	mg/L	--	--	0.04	--	--	<0.0010	--	<0.0010	0.42	2.1
51-28-5	2,4-Dinitrophenol	mg/L	--	--	<0.019	--	--	<0.010	--	<0.010	0.014	0.014
100-02-7	4-Nitrophenol	mg/L	--	--	<0.019	--	--	<0.010	--	<0.010	0.056	0.056
132-64-9	Dibenzofuran	mg/L	--	--	0.024	--	--	<0.010	--	<0.010	0.014	0.07
121-14-2	2,4-Dinitrotoluene	mg/L	--	--	<0.00093	--	--	<0.010	--	<0.010	0.00002	0.00002
84-66-2	Diethylphthalate	mg/L	--	--	<0.0019	--	--	<0.0030	--	<0.0030	5.6	5.6
7005-72-3	4-Chlorophenyl-phenyl ether	mg/L	--	--	<0.0047	--	--	<0.010	--	<0.010	---	---
86-73-7	Fluorene	mg/L	--	--	0.04	--	--	<0.0010	--	<0.0010	0.28	1.4
100-01-6	4-Nitroaniline	mg/L	--	--	<0.0093	--	--	<0.010	--	<0.010	0.021	0.021
534-52-1	4,6-Dinitro-2-methylphenol	mg/L	--	--	<0.019	--	--	<0.010	--	<0.010	0.0007	0.0007
86-30-6	N-nitrosodiphenylamine	mg/L	--	--	<0.00093	--	--	<0.010	--	<0.010	0.0032	0.016
101-55-3	4-Bromophenyl-phenyl ether	mg/L	--	--	<0.0047	--	--	<0.010	--	<0.010	---	---
118-74-1	Hexachlorobenzene	mg/L	--	--	<0.00047	--	--	<0.0010	--	<0.0010	0.00006	0.0003
87-86-5	Pentachlorophenol	mg/L	--	--	<0.019	--	--	<0.010	--	<0.010	0.001	0.005
85-01-8	Phenanthrene	mg/L	--	--	0.25	--	--	<0.0010	--	<0.0010	0.21	1.05
120-12-7	Anthracene	mg/L	--	--	0.065	--	--	<0.0010	--	<0.0010	2.1	10.5
86-74-8	Carbazole	mg/L	--	--	0.069	--	--	<0.010	--	<0.010	---	---
84-74-2	Di-n-butylphthalate	mg/L	--	--	0.0049	--	--	<0.0030	--	<0.0030	0.7	3.5
206-44-0	Fluoranthene	mg/L	--	--	0.25	--	--	<0.0010	--	<0.0010	0.28	1.4

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Page 3 of 3

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											Class I	Class II
129-00-0	Pyrene	mg/L	--	--	0.21	--	--	<0.0010	--	<0.0010	0.21	1.05
85-68-7	Butylbenzylphthalate	mg/L	--	--	<0.0019	--	--	<0.0030	--	<0.0030	1.4	7
91-94-1	3,3'-Dichlorobenzidine	mg/L	--	--	<0.0047	--	--	<0.010	--	<0.010	0.02	0.1
56-55-3	Benzo(a)anthracene	mg/L	--	--	0.11	--	--	<0.0010	--	<0.0010	0.00013	0.00065
218-01-9	Chrysene	mg/L	--	--	0.13	--	--	<0.0010	--	<0.0010	0.0015	0.0075
117-81-7	bis(2-Ethylhexyl)phthalate	mg/L	--	--	<0.0093	--	--	<0.0030	--	<0.0030	0.006	0.06
117-84-0	Di-n-octylphthalate	mg/L	--	--	<0.0093	--	--	<0.0030	--	<0.0030	0.14	0.7
205-99-2	Benzo(b)fluoranthene	mg/L	--	--	0.12	--	--	<0.0010	--	<0.0010	0.00018	0.0009
207-08-9	Benzo(k)fluoranthene	mg/L	--	--	0.056	--	--	<0.0010	--	<0.0010	0.00017	0.00085
50-32-8	Benzo(a)pyrene	mg/L	--	--	0.098	--	--	<0.0010	--	<0.0010	0.0002	0.002
193-39-5	Indeno(1,2,3-c,d)pyrene	mg/L	--	--	0.057	--	--	<0.0010	--	<0.0010	0.00043	0.00215
53-70-3	Dibenzo(a,h)anthracene	mg/L	--	--	0.023	--	--	<0.0010	--	<0.0010	0.0003	0.0015
191-24-2	Benzo(g,h,i)perylene	mg/L	--	--	0.064	--	--	<0.0010	--	<0.0010	0.21	1.05
Pesticide and Aroclors Organic Analytical Parameters												
12674-11-2	Aroclor - 1016	mg/L	--	--	<0.00048	--	--	<0.0005	--	<0.0005	---	---
11104-28-2	Aroclor - 1221	mg/L	--	--	<0.00048	--	--	<0.0005	--	<0.0005	---	---
11141-16-5	Aroclor - 1232	mg/L	--	--	<0.00048	--	--	<0.0005	--	<0.0005	---	---
53469-21-9	Aroclor - 1242	mg/L	--	--	<0.00048	--	--	<0.0005	--	<0.0005	---	---
12672-29-6	Aroclor - 1248	mg/L	--	--	<0.00048	--	--	<0.0005	--	<0.0005	---	---
11097-69-1	Aroclor - 1254	mg/L	--	--	<0.00048	--	--	<0.0005	--	<0.0005	---	---
11096-82-5	Aroclor - 1260	mg/L	--	--	<0.00048	--	--	<0.0005	--	<0.0005	---	---
1336-36-3	Polychlorinated Biphenyls (PCBs)	mg/L	--	--	<0.00048	--	--	<0.0005	--	<0.0005	0.0005	0.0025
Inorganic Analytical Parameters												
7440-38-2	Arsenic	mg/L	<0.010	0.022	<0.010	--	--	<0.02	--	<0.02	0.05	0.2
7440-39-3	Barium	mg/L	0.13	0.19	0.15	--	--	0.05	--	0.03	2	2
7440-43-9	Cadmium	mg/L	<0.0020	<0.0020	0.0024	--	--	<0.005	--	<0.005	0.005	0.05
7440-47-3	Chromium	mg/L	0.067	0.055	0.015	--	--	<0.01	--	<0.01	0.1	1
7439-92-1	Lead	mg/L	0.035	0.076	0.20	--	--	<0.005	--	<0.005	0.0075	0.1
7439-97-6	Mercury	mg/L	<0.0002	0.00035	0.00026	--	--	<0.0002	--	<0.0002	0.002	0.01
7782-49-2	Selenium	mg/L	<0.010	<0.010	<0.010	--	--	<0.02	--	<0.02	0.05	0.05
7440-22-4	Silver	mg/L	<0.0050	<0.0050	<0.0050	--	--	<0.01	--	<0.01	0.05	---