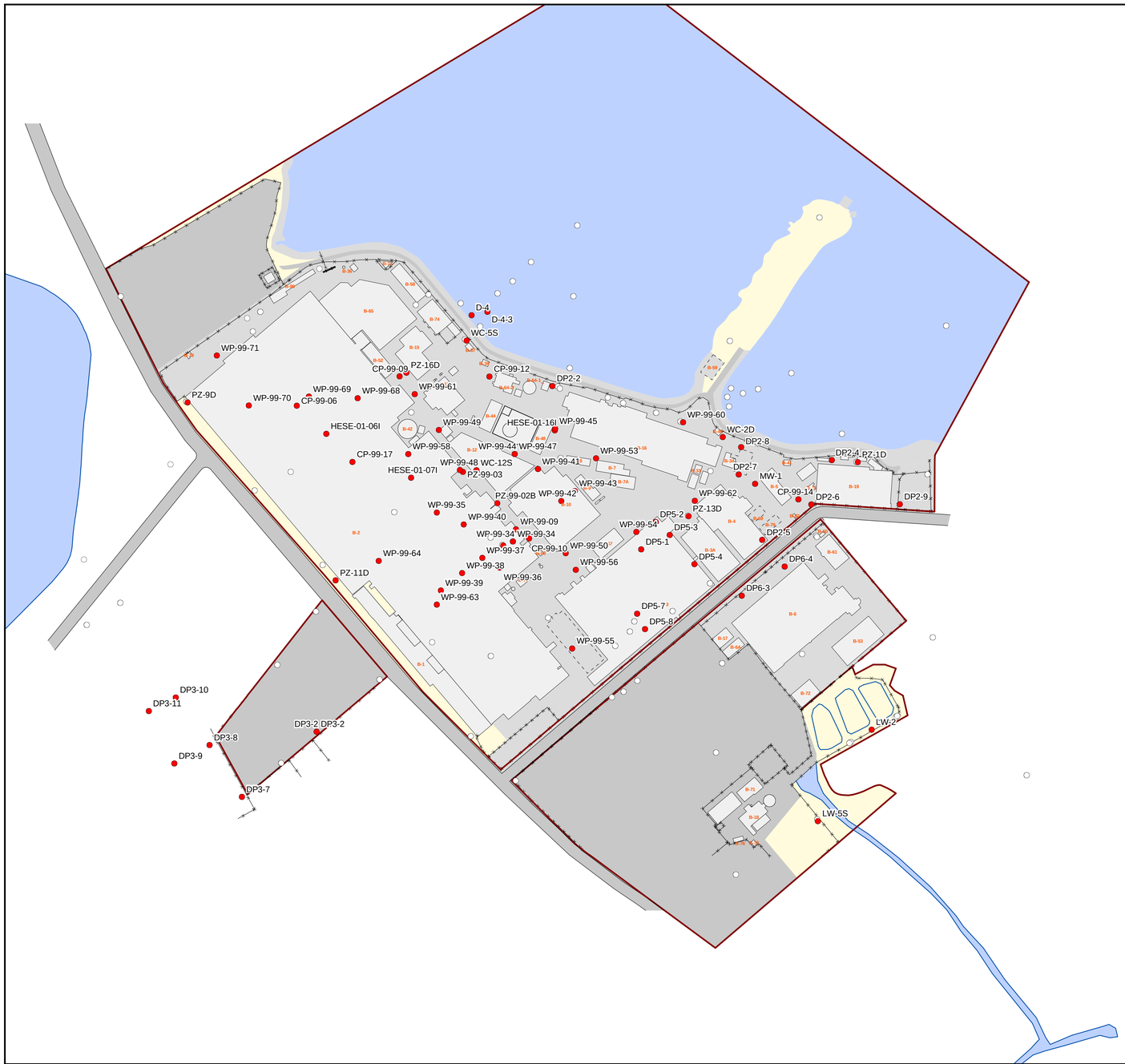
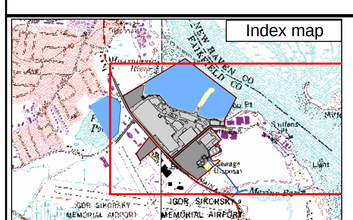


LOCATION	MID-DEPTH (FEET BGS)	ANALYTE	CONC (mg/L)	QUAL	CRITERIA VALUE
CP-99-06	29	Trichloroethene	1.6		0.067
CP-99-09	10	Vinyl Chloride	0.054	E	0.052
CP-99-10	28	Trichloroethene	21	E	0.067
CP-99-12	20	Vinyl Chloride	0.16	EJ	0.052
CP-99-14	30	Vinyl Chloride	0.065		0.052
CP-99-17	19	1,1,1-Trichloroethane	93	E	16
CP-99-17	19	1,1-Dichloroethene	8.9	E	0.92
CP-99-17	19	Trichloroethene	94	E	0.067
D-4	1.5	cis-1,2-Dichloroethene	46		11
D-4	1.5	Vinyl Chloride	3		0.052
D-4-3	1.5	Vinyl Chloride	2.4		0.052
DP2-2	18.5	Vinyl Chloride	0.62		0.052
DP2-2	28.5	Vinyl Chloride	1.4	J	0.052
DP2-4	23.5	Trichloroethene	0.74		0.067
DP2-5	6.5	Vinyl Chloride	0.13		0.052
DP2-5	18.5	Vinyl Chloride	0.235		0.052
DP2-6	18.5	Vinyl Chloride	0.09		0.052
DP2-6	28.5	Trichloroethene	0.15		0.067
DP2-6	28.5	Vinyl Chloride	0.078		0.052
DP2-7	6.5	Vinyl Chloride	0.062		0.052
DP2-7	18.5	Trichloroethene	0.475		0.067
DP2-7	28.5	Trichloroethene	3.1		0.067
DP2-7	28.5	Vinyl Chloride	0.075		0.052
DP2-8	18.5	Trichloroethene	1.05		0.067
DP2-8	18.5	Vinyl Chloride	0.175		0.052
DP2-8	28.5	Trichloroethene	2.4		0.067
DP2-8	28.5	Vinyl Chloride	0.107		0.052
DP2-9	21.5	Trichloroethene	0.333		0.067
DP2-9	21.5	Vinyl Chloride	0.15		0.052
DP3-10	28.5	Trichloroethene	1.9		0.067
DP3-11	28.5	Trichloroethene	2.6		0.067
DP3-2	6.5	Tetrachloroethene	4.3		0.81
DP3-2	6.5	Trichloroethene	0.13		0.067
DP3-2	6.5	Vinyl Chloride	0.24		0.052
DP3-2	19.5	Trichloroethene	0.07		0.067
DP3-7	18.5	Trichloroethene	0.94		0.067
DP3-7	18.5	Trichloroethene	1.1		0.067
DP3-7	28.5	Trichloroethene	1.1		0.067
DP3-7	28.5	Trichloroethene	1.1		0.067
DP3-8	18.5	Trichloroethene	1.6		0.067
DP3-8	28.5	Trichloroethene	16		0.067
DP3-9	18.5	Trichloroethene	4.7		0.067
DP3-9	28.5	Trichloroethene	7		0.067
DP5-1	6.5	Trichloroethene	0.071		0.067
DP5-1	18.5	Trichloroethene	0.094		0.067
DP5-1	29.5	Trichloroethene	0.176		0.067
DP5-2	18.5	Trichloroethene	0.2		0.067
DP5-2	28.5	Trichloroethene	0.65		0.067
DP5-3	8.5	Trichloroethene	0.11		0.067
DP5-3	28.5	Trichloroethene	0.35		0.067
DP5-4	28.5	Trichloroethene	0.53		0.067
DP5-7	28.5	Trichloroethene	0.23		0.067
DP5-8	28.5	Trichloroethene	0.098		0.067
DP6-3	6.5	1,1-Dichloroethene	3.9		0.92
DP6-3	6.5	Trichloroethene	0.15		0.067
DP6-3	6.5	Vinyl Chloride	0.97		0.052
DP6-4	18.5	Vinyl Chloride	0.065		0.052
DP6-4	28.5	Vinyl Chloride	0.2		0.052
HESE-01-06I	24.8	1,1-Dichloroethene	4.4		0.92
HESE-01-06I	24.8	Trichloroethene	0.31		0.067
HESE-01-07I	24.7	1,1,1-Trichloroethane	27	J	16
HESE-01-07I	24.7	1,1-Dichloroethene	7.7		0.92
HESE-01-07I	24.7	Trichloroethene	9.8		0.067
HESE-01-16I	28.9	Chloroform	0.22	J	0.062
HESE-01-16I	28.9	cis-1,2-Dichloroethene	14		11
HESE-01-16I	28.9	Trichloroethene	130		0.067
HESE-01-16I	28.9	Vinyl Chloride	0.98	J	0.052
LW-5S	5	Vinyl Chloride	1.2		0.052
MW-1	10	Trichloroethene	0.095		0.067
PZ-11D	29	Trichloroethene	0.28		0.067
PZ-13D	26.5	Trichloroethene	1.1		0.067
PZ-16D	26	Vinyl Chloride	0.16		0.052
PZ-1D	29	Trichloroethene	6.6		0.067
PZ-99-03	6.5	1,1,1-Trichloroethane	30		16
PZ-99-03	6.5	1,1-Dichloroethene	3.5		0.92
PZ-9D	29	Trichloroethene	2.5		0.067
WC-12S	8	Trichloroethene	0.081		0.067
WC-2D	29.5	Vinyl Chloride	0.69		0.052
WC-5S	8	Trichloroethene	0.29	J	0.067

LOCATION	MID-DEPTH (FEET BGS)	ANALYTE	CONC (mg/L)	QUAL	CRITERIA VALUE
WP-99-08	10	Trichloroethene	0.11	H	0.067
WP-99-08	28	Trichloroethene	110	H	0.067
WP-99-09	27	Chloroform	0.14		0.062
WP-99-09	27	Trichloroethene	130	H	0.067
WP-99-33	28	Trichloroethene	830		0.067
WP-99-34	18	Trichloroethene	0.6		0.067
WP-99-34	18	Trichloroethene	0.63		0.067
WP-99-34	28	2-Butanone	78		50
WP-99-34	28	Trichloroethene	170	E	0.067
WP-99-34	28	Trichloroethene	220		0.067
WP-99-35	24	1,1-Dichloroethene	2.5		0.92
WP-99-35	24	Trichloroethene	12		0.067
WP-99-36	20	Trichloroethene	1.4		0.067
WP-99-37	18	1,1-Dichloroethene	1	J	0.92
WP-99-37	18	Tetrachloroethene	1	J	0.81
WP-99-37	18	Trichloroethene	1	J	0.067
WP-99-37	18	Vinyl Chloride	1	J	0.052
WP-99-37	28	Trichloroethene	18		0.067
WP-99-38	24	Trichloroethene	5		0.067
WP-99-39	25	Trichloroethene	0.27		0.067
WP-99-40	18	Trichloroethene	1.1		0.067
WP-99-40	29	Trichloroethene	29		0.067
WP-99-41	8	1,1-Dichloroethene	1.4		0.92
WP-99-41	8	Trichloroethene	0.98		0.067
WP-99-41	20	1,1-Dichloroethene	3.7		0.92
WP-99-41	20	Trichloroethene	1.9		0.067
WP-99-41	28	Trichloroethene	23		0.067
WP-99-41	28	Trichloroethene	48		0.067
WP-99-42	21	Trichloroethene	0.4		0.067
WP-99-43	8	1,1-Dichloroethene	1.5		0.92
WP-99-43	8	Trichloroethene	1.2		0.067
WP-99-43	18	1,1-Dichloroethene	2.4		0.92
WP-99-43	18	Trichloroethene	1.8		0.067
WP-99-43	28	Trichloroethene	1.7		0.067
WP-99-44	27	Trichloroethene	4.9		0.067
WP-99-44	27	Vinyl Chloride	0.11		0.052
WP-99-45	13	1,1-Dichloroethene	4.5		0.92
WP-99-45	13	Tetrachloroethene	1.9		0.81
WP-99-45	13	Trichloroethene	5.9		0.067
WP-99-45	28	Trichloroethene	264		0.067
WP-99-47	8	1,1-Dichloroethene	2.2		0.92
WP-99-47	8	Trichloroethene	0.18		0.067
WP-99-47	19	1,1-Dichloroethene	3.9		0.92
WP-99-47	19	1,1-Dichloroethene	4.8		0.92
WP-99-47	19	Tetrachloroethene	1.1		0.81
WP-99-47	19	Trichloroethene	1.9		0.067
WP-99-48	7	1,1,1-Trichloroethane	100		16
WP-99-48	7	1,1-Dichloroethene	8.5		0.92
WP-99-48	7	Trichloroethene	1.5		0.067
WP-99-48	17	1,1,1-Trichloroethane	82		16
WP-99-48	17	1,1-Dichloroethene	14		0.92
WP-99-48	17	Trichloroethene	5.9		0.067
WP-99-49	19	Trichloroethene	0.16		0.067
WP-99-50	11	Trichloroethene	8.4		0.067
WP-99-53	8	Trichloroethene	0.17		0.067
WP-99-53	18	1,1-Dichloroethene	4.4		0.92
WP-99-53	18	Trichloroethene	1.3		0.067
WP-99-53	30	Trichloroethene	7.9		0.067
WP-99-54	18	Trichloroethene	0.25		0.067
WP-99-54	28	Trichloroethene	0.5		0.067
WP-99-55	8	Trichloroethene	0.27		0.067
WP-99-56	28	Trichloroethene	0.15		0.067
WP-99-58	18	Trichloroethene	0.35		0.067
WP-99-60	18	Vinyl Chloride	0.15		0.052
WP-99-61	18	Trichloroethene	0.15		0.067
WP-99-61	26	Trichloroethene	0.3		0.067
WP-99-62	18	Trichloroethene	0.16		0.067
WP-99-62	28	Trichloroethene	0.21		0.067
WP-99-63	28	Trichloroethene	4.4		0.067
WP-99-64	28	Trichloroethene	0.12		0.067
WP-99-68	8	Trichloroethene	0.32		0.067
WP-99-68	18	Trichloroethene	0.38		0.067
WP-99-68	28	Trichloroethene	0.61		0.067
WP-99-69	8	Trichloroethene	0.27		0.067
WP-99-69	18	Trichloroethene	2.3		0.067
WP-99-69	28	Trichloroethene	2.5		0.067
WP-99-70	18	Trichloroethene	0.2		0.067
WP-99-70	28	Trichloroethene	1.4		0.067
WP-99-71	8	Trichloroethene	0.42		0.067
WP-99-71	18	1,1-Dichloroethene	1.2		0.92
WP-99-71	18	Trichloroethene	0.25		0.067
WP-99-71	28	Trichloroethene	0.44		0.067



N

0 100 200 400 Feet

Note: Depth <= 30 ft, bgs

Legend

- VOCs Exceeding I/C GW VC
- GW Samples Analyzed for VOCs (<= 30ft, bgs)
- Demolished/Former Buildings
- Building
- Open Paved/Concrete Area
- Open Grassed Area
- Road/Parking Lot
- Water

Figure 8.2-41
VOCs > Industrial/Commercial Groundwater Volatilization Criteria in Groundwater

Remedial Investigation Report
Stratford Army Engine Plant
Stratford, Connecticut

Prepared by FJB | Checked by RTB

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MACTEC Engineering and Consulting, Inc.