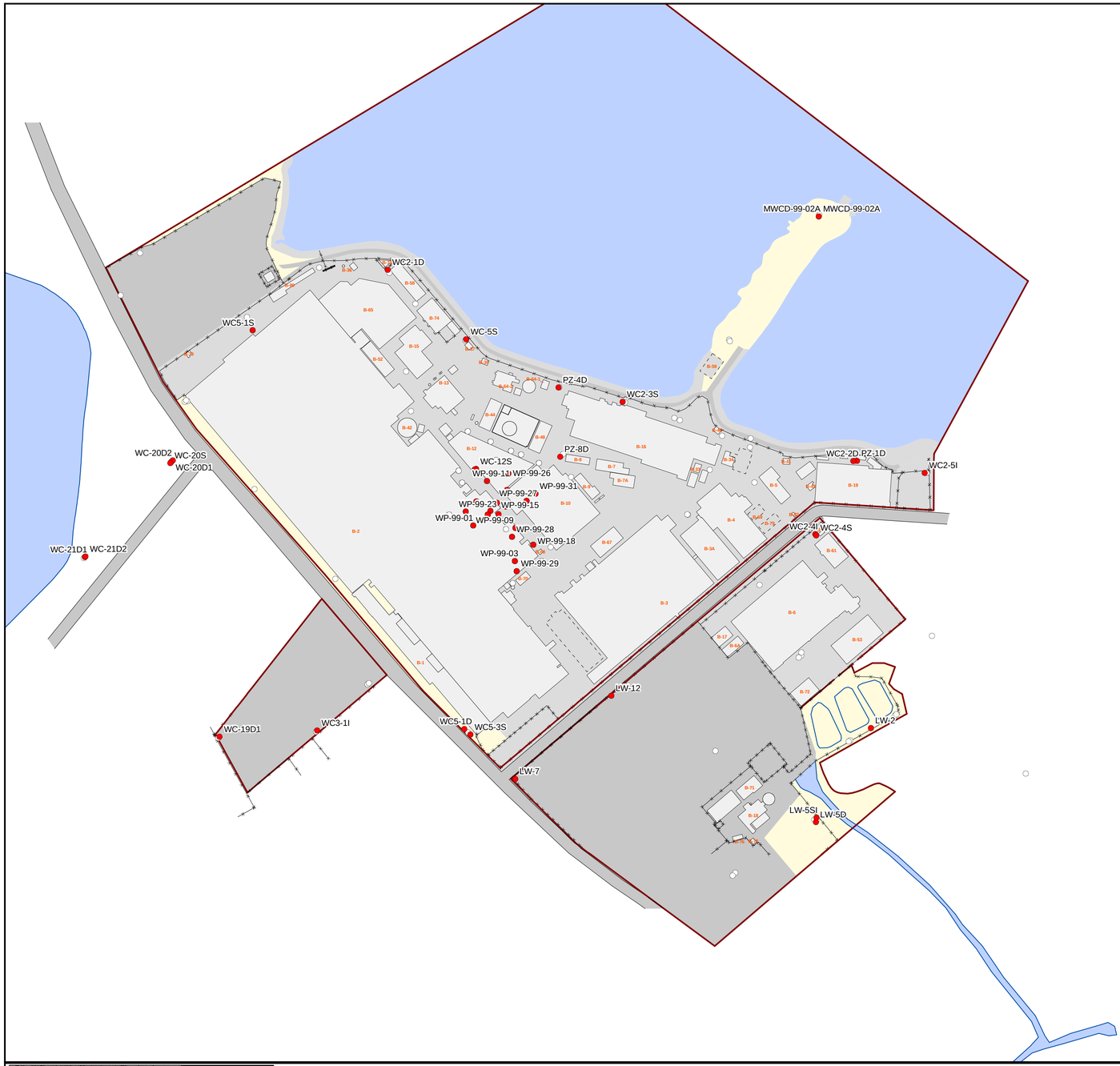
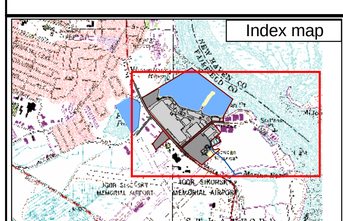


LOCATION	MID-DEPTH (FEET BGS)	ANALYTE	CONC (mg/L)	QUAL	CRITERIA VALUE
LW-12	9	Zinc	0.095300003		0.09
LW-2	11	Copper	0.0066	B	0.0048
LW-5D	94.5	Copper	0.035299999	B	0.0048
LW-5SI	22	Copper	0.0068	B	0.0048
LW-7	25	Copper	0.0056	B	0.0048
MWCD-99-02A	7.5	Silver	0.0078		0.00196
MWCD-99-02A	7.5	Silver	0.0078		0.00196
PZ-1D	29	Copper	0.01	J	0.0048
PZ-1D	29	Copper	0.01	J	0.0048
PZ-1D	29	Silver	0.005	J	0.00196
PZ-1D	29	Silver	0.005	J	0.00196
PZ-4D	34	Copper	0.041		0.0048
PZ-4D	34	Copper	0.041000001		0.0048
PZ-4D	34	Zinc	0.1	J	0.09
PZ-4D	34	Zinc	0.100000001	J	0.09
PZ-8D	29	Copper	0.011	J	0.0048
PZ-8D	29	Copper	0.011	J	0.0048
WC-12S	8	Cyanide	0.078000002		0.001
WC-12S	8	Cyanide	0.221000001		0.001
WC-12S	8	Zinc	0.090599999		0.09
WC-12S	8	Zinc	0.0906		0.09
WC-19D1	40	Zinc	0.1		0.09
WC-19D1	40	Zinc	0.100000001		0.09
WC-20D1	40	Silver	0.0055		0.00196
WC-20D1	40	Silver	0.0055		0.00196
WC-20D2	40	Silver	0.0057		0.00196
WC-20D2	40	Silver	0.0057		0.00196
WC-20S	10	Copper	0.0065		0.0048
WC-20S	10	Copper	0.0065		0.0048
WC2-1D	145	Silver	0.0064		0.00196
WC2-1D	145	Silver	0.0064		0.00196
WC-21D1	40	Silver	0.0059		0.00196
WC-21D1	40	Silver	0.0059		0.00196
WC-21D2	145	Copper	0.0105		0.0048
WC-21D2	145	Copper	0.0105		0.0048
WC-21D2	145	Silver	0.0086		0.00196
WC-21D2	145	Silver	0.0086		0.00196
WC2-2D	56.5	Nickel	0.157		0.074
WC2-2D	56.5	Nickel	0.157		0.074
WC2-2D	56.5	Silver	0.0054		0.00196
WC2-2D	56.5	Silver	0.0054		0.00196
WC2-2D	56.5	Zinc	0.126000002		0.09
WC2-2D	56.5	Zinc	0.126		0.09
WC2-3S	7	Cyanide	0.012		0.001
WC2-4I	30	Copper	0.0072		0.0048
WC2-4I	30	Copper	0.0072		0.0048
WC2-4S	7	Copper	0.0108		0.0048
WC2-4S	7	Copper	0.0108		0.0048
WC2-5I	35	Copper	0.007		0.0048
WC2-5I	35	Copper	0.007		0.0048
WC3-1I	35	Copper	0.044199999		0.0048
WC3-1I	35	Copper	0.0442		0.0048
WC3-1I	35	Zinc	0.133		0.09
WC3-1I	35	Zinc	0.133000001		0.09
WC5-1D	79.5	Silver	0.050000001		0.00196
WC5-1D	79.5	Silver	0.05		0.00196
WC5-1S	6.5	Silver	0.009	J	0.00196
WC5-1S	6.5	Silver	0.009	J	0.00196
WC5-3S	7	Copper	0.0076		0.0048
WC5-3S	7	Copper	0.0076		0.0048
WC-5S	8	Cyanide	0.013		0.001
WP-98-01	6	Hexavalent Chromium	10.4		1.1
WP-99-01	9	Copper	0.061000001		0.0048
WP-99-02	18	Hexavalent Chromium	1.5		1.1
WP-99-02	26	Hexavalent Chromium	350		1.1
WP-99-02	32	Hexavalent Chromium	50.9		1.1
WP-99-02	32	Hexavalent Chromium	75		1.1

LOCATION	MID-DEPTH (FEET BGS)	ANALYTE	CONC (mg/L)	QUAL	CRITERIA VALUE
WP-99-02	32	Hexavalent Chromium	50.9000015		1.1
WP-99-02	32	Hexavalent Chromium	75		1.1
WP-99-03	7	Hexavalent Chromium	7		1.1
WP-99-03	13	Hexavalent Chromium	9		1.1
WP-99-03	23	Hexavalent Chromium	8.39000034		1.1
WP-99-03	28	Hexavalent Chromium	8		1.1
WP-99-04	8	Hexavalent Chromium	4.5		1.1
WP-99-04	18	Hexavalent Chromium	95		1.1
WP-99-04	24	Hexavalent Chromium	700		1.1
WP-99-07	8	Hexavalent Chromium	13.1999998		1.1
WP-99-08	10	Hexavalent Chromium	7		1.1
WP-99-08	17	Hexavalent Chromium	5		1.1
WP-99-08	23	Hexavalent Chromium	500		1.1
WP-99-08	28	Hexavalent Chromium	300		1.1
WP-99-08	33	Hexavalent Chromium	300		1.1
WP-99-08	38	Hexavalent Chromium	500		1.1
WP-99-08	43	Hexavalent Chromium	16		1.1
WP-99-09	9	Copper	0.085		0.0048
WP-99-09	9	Cyanide	0.044		0.001
WP-99-09	27	Cyanide	0.011		0.001
WP-99-10	22	Hexavalent Chromium	4		1.1
WP-99-10	27	Hexavalent Chromium	4.5		1.1
WP-99-11	8	Cyanide	0.008		0.001
WP-99-11	26	Hexavalent Chromium	54.2000008		1.1
WP-99-11	26	Hexavalent Chromium	50		1.1
WP-99-11	32	Cyanide	0.091		0.001
WP-99-11	32	Cyanide	0.092		0.001
WP-99-11	32	Hexavalent Chromium	68.0999985		1.1
WP-99-11	32	Hexavalent Chromium	60		1.1
WP-99-11	32	Hexavalent Chromium	67.5		1.1
WP-99-11	32	Hexavalent Chromium	42.0999985		1.1
WP-99-12	8	Copper	0.42300001		0.0048
WP-99-12	8	Cyanide	0.013		0.001
WP-99-12	22	Copper	0.047		0.0048
WP-99-12	22	Cyanide	0.182		0.001
WP-99-12	22	Nickel	0.17		0.074
WP-99-15	8	Hexavalent Chromium	17		1.1
WP-99-15	10	Hexavalent Chromium	4		1.1
WP-99-15	13	Hexavalent Chromium	3		1.1
WP-99-15	18	Hexavalent Chromium	8		1.1
WP-99-15	23	Hexavalent Chromium	150		1.1
WP-99-15	28	Cyanide	0.53500003		0.001
WP-99-15	28	Hexavalent Chromium	347		1.1
WP-99-15	28	Hexavalent Chromium	360		1.1
WP-99-15	28	Nickel	0.25		0.074
WP-99-15	32	Hexavalent Chromium	950		1.1
WP-99-15	38	Hexavalent Chromium	900		1.1
WP-99-15	42	Hexavalent Chromium	700		1.1
WP-99-15	48	Hexavalent Chromium	13		1.1
WP-99-18	10	Hexavalent Chromium	2.25		1.1
WP-99-18	17	Cyanide	0.009		0.001
WP-99-18	17	Hexavalent Chromium	1.20000005		1.1
WP-99-18	17	Hexavalent Chromium	1.57000005		1.1
WP-99-20	17	Hexavalent Chromium	35		1.1
WP-99-20	22	Hexavalent Chromium	300		1.1
WP-99-20	27	Hexavalent Chromium	15		1.1
WP-99-20	27	Hexavalent Chromium	6.32000017		1.1
WP-99-20	32	Hexavalent Chromium	450		1.1
WP-99-20	38	Hexavalent Chromium	95		1.1
WP-99-23	23	Hexavalent Chromium	40		1.1
WP-99-26	24	Hexavalent Chromium	12		1.1
WP-99-27	10	Hexavalent Chromium	3.20000005		1.1
WP-99-27	14	Hexavalent Chromium	4.5		1.1
WP-99-28	22	Cyanide	0.009		0.001
WP-99-29	38	Hexavalent Chromium	11		1.1
WP-99-31	10	Hexavalent Chromium	2.5		1.1
WP-99-31	17	Hexavalent Chromium	4.5		1.1



N

0 100 200 400 Feet

Legend

- Inorganics Exceeding SWAcute
- GW Samples Analyzed for Inorganics
- Demolished/Former Buildings
- Building
- Open Paved/Concrete Area
- Open Grassed Area
- Road/Parking Lot
- Water

Figure 8.2-46
Inorganics > Saltwater Acute Water Quality Criteria in Groundwater

Remedial Investigation Report
Stratford Army Engine Plant
Stratford, Connecticut

Prepared by FJB | Checked by RTB

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