

Table 8
Summary of Sediment Analytical Results
Former Raytheon Facility
Wayland, Massachusetts

Parameter	Sample I.D. Depth Date Sampled Comments	Sediment Screening Criteria*	SS-21 (6"- 12") 12-Aug-02 Composite	SS-22 (6"- 12") 12-Aug-02	SS-23 (6"- 12") 12-Aug-02 Composite	ERM-DUP (6"- 12") 12-Aug-02 SS-23	SS-24 (6"- 12") 12-Aug-02	SS-25 (6"- 12") 12-Aug-02 Composite	SS-26 (6"- 12") 12-Aug-02
Organics									
<i>Volatile Organic Compounds by EPA Method 8260 (ug/kg)</i>									
Toluene		670	25	-	-	10	20	-	-
1,2 - Dichlorobenzene		340	-	13	-	-	-	-	-
Acetone		NS	930	75	110	74	340	510	640
Carbon Disulfide		NS	-	-	-	-	-	-	42
2-Butanone		NS	300	-	24	-	97	100	140
1,2,4 Trichlorobenzene		9,200	33	-	-	-	-	-	-
<i>Total VOCs</i>			1,288	88	134	84	457	610	822
<i>Alcohol Organics by GC/FID (mg/kg)</i>		NS	-	-	-	-	-	-	-
<i>Glycol Organics by GC/FID (mg/kg)</i>		NS	-	-	-	-	-	-	-
<i>Aldehydes by SW-846 8315A (ug/kg)</i>									
Formaldehyde			120,000	20,000	36,000	150,000	42,000	120,000	150,000
Propionaldehyde			50,000	-	-	22,000	2,600	-	31,000
Inorganics (mg/kg)									
Boron, Total		NS	-	-	-	-	-	-	-
Cyanide, Physiologically Available		NS	6.3	-	-	-	-	-	4.9
Fluoride		NS	290	-	-	-	-	-	270
Ammonia, as Nitrogen		NS	47	22	17	20	32	62	58
<i>TCLP Metals (mg/L)</i>		NS	-	NA	NA	NA	NA	-	NA
<i>TCLP Semi-Volatile Organics (ug/L)</i>		NS	-	NA	NA	NA	NA	-	NA
<i>TCLP Pesticides by GC (ug/L)</i>		NS	-	NA	NA	NA	NA	-	NA
<i>TCLP Herbicides by GC (mg/L)</i>		NS	-	NA	NA	NA	NA	-	NA
<i>TCLP Volatile Organics (ug/L)</i>		NS	-	NA	NA	NA	NA	-	NA

Notes:

- = Analytical result below the method detection limit

NA = Not Analyzed

NS = No Standard

µg/kg =microgram per kilogram (parts per billion (ppb)).

mg/kg =milligram per kilogram (parts per million (ppm)).

* EPA Office of Solid Waste and Emergency Response Ecotox Tresholds