

TABLE VII
SUMMARY OF SURFICIAL MATERIALS
MILL ROCK PARK, SEWER PUMP STATION AND ROCHFORD FIELD
HAMDEN, CONNECTICUT

Location	Exploration	FILL TYPES								NATURAL DEPOSITS					
		Earthen		Miscellaneous		Industrial Waste		Domestic Refuse		Alluvial		Glaciodeltaic		Glacial Till	
		Depth	Thickness	Depth	Thickness	Depth	Thickness	Depth	Thickness	Depth	Thickness	Depth	Thickness	Depth	Thickness
Rochford Field	RF-HA108-MWD	0-2	2	NE	--	2-8.5	6.5	NE	--	8.5-13	4.5	13-35+	22+	NE	--
	RF-HA108-MW	0-2	2	NE	--	2-8.4	6.4	NE	--	8.4-10	1.6	10-22+	12+	NE	--
	RF-HA109	0-1.1	1.1	4.5-7.8	3.3	1.1-4.5	3.4	NE	--	7.8-13.5	5.7	13.5-17+	3.5+	NE	--
	RF-HA110-MW	0-2	2	4.5-7.5	3	2-4.5	2.5	NE	--	NE	--	7.5-22+	14.5+	NE	--
	RF-HA111	0-1	1	1-3.5	2.5	3.5-8.5	5	NE	--	8.5-18.5	10	18.5-22+	3.5+	NE	--
	RF-HA112	0-3.5	3.5	4-8	4	3.5-4	0.5	NE	--	8-13.5	5.5	13.5-17+	3.5+	NE	--
	RF-HA113	0-1	1	NE	--	1-6.5	5.5	NE	--	NE	--	6.5-17+	10.5+	NE	--
	RF-HA114	0-1.5	1.5	7-8.5	1.5	1.5-7	5.5	NE	--	8.5-9.5	1	9.5-17+	7.5+	NE	--
	RF-HA115-MW	0-1	1	1-2.5	1.5	2.5-4.5	2	NE	--	NE	--	4.5-22+	17.5+	NE	--
	RF-HA116	0-1	1	NE	--	1-5.8	4.8	NE	--	NE	--	5.8-17+	11.2+	NE	--
	RF-HA117	0-0.5	0.5	0.5-1.8	1.3	1.8-4.5	2.7	NE	--	8-9	1	NE	--	NE	--
	RF-HA118	0-0.8	0.8	3.8-8.9	5.1	0.8-3.8	3	NE	--	8.9-9	0.1	NE	--	NE	--
	RF-HA119	NE	--	0-5	5	5-7.9	2.9	NE	--	7.9-8	0.1	NE	--	NE	--
	RF-HA121	NE	--	6-8	2	0-6	6	NE	--	8-10	2	NE	--	NE	--
	RF-HA123-MW	0-1.5	1.5	3.8-8.5	4.7	1.5-3.8	2.3	NE	--	NE	--	8.5-17+	8.5+	NE	--
	RF-HA124	NE	--	NE	--	0-7.9	7.9	NE	--	NE	--	7.9-8+	0.1+	NE	--
	RF-HA201-MW	0-4	4	4-10	6	NE	--	NE	--	10-12	2	12-15+	3+	NE	--
	RF-HA202-MW	0-3.6	3.6	3.6-9	5.4	NE	--	NE	--	9-15+	6+	NE	--	NE	--
	RF-HA203	0-3.8	3.8	6-8	2	3.8-6	2.2	NE	--	8-12	4	NE	--	NE	--
	RF-HA204	0-1.7	1.7	NE	--	1.7-2	0.3	NE	--	NE	--	2-8+	6+	NE	--
	RF-HA205	0-1.7	1.7	1.7-8	6.3	NE	--	NE	--	NE	--	8-12+	4+	NE	--
	RF-HA206	0-2.4	2.4	6-9	3	NE	--	2.4-6	3.6	9-14+	5+	NE	--	NE	--
	RF-HA207-MW	0-3.6	3.6	3.6-6	2.4	6-10	4	NE	--	10-16+	6+	NE	--	NE	--
	RF-HA208-MW	0-1.7	1.7	NE	--	1.7-6	4.3	NE	--	8-11	3+	11-15+	4+	NE	--
	RF-HA209-MW	0-1.7	1.7	NE	--	1.7-11.6	9.9	NE	--	11.6-15	3.4	15-16+	1+	NE	--
	RF-HA210	0-1.8	1.8	NE	--	1.8-6.8	5	NE	--	6.8-7.2	0.4	7.2-12+	4.8+	NE	--
	RF-HA211-MW	0.1-0.6	0.5	2-7.2	5.2	0.6-2.0	1.4	NE	--	NE	--	8-15+	7+	NE	--
	RF-HA212-MW	0-2	2	6.4-8	1.6	NE	--	2-6.4	4.4	NE	--	8-15+	7+	NE	--
	RF-HA213A	0-1.5	1.5	NE	--	1.5-2+	0.5+	NE	--	NE	--	NE	--	NE	--
	RF-HA213B	0-1.7	1.7	NE	--	1.7-2+	0.3+	NE	--	NE	--	NE	--	NE	--
	RF-HA213C	0-1.5	1.5	NE	--	1.5-2+	0.5+	NE	--	NE	--	NE	--	NE	--
	RF-HA213D	0-1.2	1.2	NE	--	1.2-2+	0.8+	NE	--	NE	--	NE	--	NE	--
	RF-HA213E	0-2	2	NE	--	NE	--	NE	--	NE	--	NE	--	NE	--
	RF-HA214	0-1.9	1.9	NE	--	1.9-8	6.1	NE	--	8-12+	--	NE	--	NE	--
	RF-HATP-1	0-0.7	0.7	NE	--	0.7-1.0	0.3	NE	--	NE	--	3.0+	3+	NE	--
	RF-HATP-2	0-4.0+	4.0+	NE	--	NE	--	NE	--	NE	--	NE	--	NE	--
	RF-HATP-3	0-0.8	0.8	NE	--	0.8-2.5	1.7	NE	--	NE	--	2.5-3.0+	0.5+	NE	--
	RF-HATP-4	0-3	3	NE	--	3.0-6.0+	3+	NE	--	NE	--	NE	--	NE	--
	RF-HATP-5	0-0.8	0.8	NE	--	0.8-3.5+	2.7+	NE	--	NE	--	NE	--	NE	--
	RF-HATP-6	0-3.3	3.3	3.3-6.5+	3.2+	NE	--	NE	--	NE	--	NE	--	NE	--
	RF-HATP-7	0-2	2	NE	--	2.0-7.0+	5+	NE	--	NE	--	NE	--	NE	--
	RF-HATP-8	0-1.5	1.5	NE	--	1.5-7.0+	5.5+	NE	--	NE	--	NE	--	NE	--
	RF-HATP-9	0-2	2	NE	--	2.0-7.5+	5.5+	NE	--	NE	--	NE	--	NE	--
	Depth Range	0-4+	--	0-10	--	0-11.6	--	2-6.4	--	6.8-15+	--	2-35+	--	NE	--
	Average Thickness	--	1.8	--	3.3	--	3.8	--	3.6	--	3.83	--	--	--	--

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		Earthen		Miscellaneous		Industrial Waste		Domestic Refuse		Alluvial		Glaciodeltaic		Glacial Till	
		Depth	Thickness	Depth	Thickness	Depth	Thickness	Depth	Thickness	Depth	Thickness	Depth	Thickness	Depth	Thickness
Mill Rock Park	MRP-HA101-MW	0-1.5	1.5	NE	--	NE	--	1.5-8	6.5	8-9.5	1.5	9.5-22+	12.5+	NE	--
	MRP-HA102	0-1.5	1.5	NE	--	NE	--	1.5-7.5	6	NE	--	7.5-22+	14.5+	NE	--
	MRP-HA103-MW	0-2	2	2-4.5	2.5	NE	--	4.5-6.5	2	6.5-13.5	7	13.5-17+	3.5+	NE	--
	MRP-HA104	0-0.5	0.5	0.5-4.5	4	NE	--	4.5-6.5	2	6.5-9.5	3	9.5-17+	7.5+	NE	--
	MRP-HA105	0-1	1	1-2	1	NE	--	2-6.5	4.5	6.5-12	5.5	12-22+	10+	NE	--
	MRP-HA106	0-0.5	0.5	NE	--	NE	--	0.5-6.5	5	6.5-9.5	3	9.5-17+	7.5+	NE	--
	MRP-HA107-MW	0-4.5	4.5	NE	--	NE	--	NE	--	4.5-5.5	1	5.5-17+	11.5+	NE	--
	MRP-HA201-MW	0-1.4	1.4	1.4-4	2.6	NE	--	4-6.4	2.4	6.4-7	0.6	7-15+	8+	NE	--
	MRP-HA202-MW	0-0.5	0.5	0.5-8	7.5	NE	--	8-10	2	NE	--	10-15+	5+	NE	--
	MRP-HA203	0-2	2	2-6	4	NE	--	NE	--	6-8	2	8-14+	6+	NE	--
	MRP-HA204-MW	0-3	3	NE	--	NE	--	3-6.3	3.3	6.3-7.4	1.1	7.4-15+	7.6+	NE	--
	MRP-HA205	0-1.7	1.7	1.7-7	5.3	NE	--	NE	--	7-8	1	8-12+	4+	NE	--
	MRP-HA206	0-2	2	2-6	4	NE	--	6-8	2	NE	--	NE	--	10-12+	2+
	MRP-HA206A	0-0.8	0.8	0.8-6	5.2	NE	--	NE	--	6-6.4	0.4	6.4-8	1.6+	8-10+	2+
	MRP-HA207A	0-3	3	3-6	3	NE	--	NE	--	6-8	2	8-12+	4+	NE	--
	MRP-HA207B	0-2.3	2.3	2.3-6.4	4.1	NE	--	NE	--	6.4-8	1.6	8-12+	4+	NE	--
	MRP-HA207C	0-1.8	1.8	1.8-6	4.2	NE	--	NE	--	6-8	2	8-12+	4+	NE	--
	MRP-HA207D	0-3	3	NE	--	NE	--	3-5.8	2.8	5.8-7	1.2	7-12+	5+	NE	--
	MRP-HA207E	0-4	4	4-7.3	3.3	NE	--	NE	--	7.3-8.2	0.9	8.2-12+	3.8+	NE	--
	MRP-HA208A	0-1.6	1.6	NE	--	NE	--	1.6-5.6	4	5.6-6.2	0.6	NE	--	6.2-10.4+	4.2+
	MRP-HA208B	0-2.4	2.4	2.4-6.4	4	NE	--	NE	--	6.4-8.0	1.6	NE	--	8-10.4+	2.4+
	MRP-HA209	0-0.8/2.0-3.5	1.2-2.7	3.5-6.7	3.2	NE	--	0.8-2	1.2	10.5-14+	3.5+	NE	--	NE	--
	MRP-HA210	0-1.8	1.8	1.8-4	2.2	NE	--	4-6.8	2.8	6.8-7.6	0.8	7.6-12+	4.4+	NE	--
	MRP-HA211	NE	--	0-4	4	NE	--	NE	--	NE	--	4-10+	6+	NE	--
	MRP-HA212	NE	--	0-6	6	NE	--	NE	--	NE	--	NE	--	6-7.1+	1.1+
MRP-HA213	0-4	4	NE	--	NE	--	NE	--	NE	--	NE	--	4-7+	3+	
MRP-HATP-1	0-1.4	1.4	NE	--	NE	--	1.4-7.2+	5.8+	NE	--	NE	--	NE	--	
	Depth Range	0-3.5	--	0-8	--	NE	--	0.5-10	--	4.5-14+	--	4-22+	--	4-12+	--
	Average Thickness	--	2	--	3.89	--	--	2.7	--	1.9	--	--	--	--	--
Sewer Pump Station	SPS-HA201	0-3.6	3.6	NE	--	NE	--	3.6-6.0	2.4	NE	--	6-8+	2+	NE	--
	SPS-HA202	0-3.5	3.5	NE	--	NE	--	3.5-4.0+	0.5+	NE	--	NE	--	NE	--
	SPS-HA203	0-2.0+	2+	NE	--	NE	--	NE	--	NE	--	NE	--	NE	--
	SPS-HA204	0-4.0+	4+	NE	--	NE	--	NE	--	NE	--	NE	--	NE	--
	Depth Range	0-4+	--	--	--	--	--	3.5-6	--	--	--	6-8+	--	--	--
	Average Thickness	--	3.5	--	--	--	--	2.4	--	--	--	--	--	--	--

See Notes on Page 3

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SUMMARY OF SURFICIAL MATERIALS
MILL ROCK PARK, SEWER PUMP STATION AND ROCHFORD FIELD
HAMDEN, CONNECTICUT

Notes:

1. Depths are approximate and in feet below ground surface.
2. Thickness is measured in feet
3. Approximate strata layers/depths shown above were interpreted by Haley & Aldrich.
4. Data set excludes explorations that terminated within strata layers being averaged.
5. E means the soil or fill was not encountered.
6. -- means not applicable.

Approximate strata depths listed above defined by Haley & Aldrich, Inc. as follows:

Earthen Fill: Soil fill, including topsoil which typically does not contain man-made materials but at some locations may contain variable amounts of root matter, cobbles, boulders and construction/demolition debris such as concrete, asphalt and brick.

Domestic Refuse Fill: Soil intermixed with products associated with household and/or on-site burning of paper/wood/coal (ash/cinders), intermixed with rusted metal cans and numerous whole bottles and broken glass, various broken ceramic items and brick.

Industrial Waste Fill: Black silt and sand sized particles of slag, with cinders and ash intermixed primarily with wood box fragments, sawdust and/or wood chips, batteries, Winchester-related products, shell casings and furnace bricks.

Miscellaneous Fill: Earthen Fill and/or Domestic Refuse Fill mixed with variable amounts of Industrial Waste Fill

Alluvial Deposits: Organic rich deposits associated with former intermittent watercourse and wetlands

Glaciodeltaic Deposits: Glacial meltwater deposits consisting primarily of sands and silts

Glacial Till: Dense poorly-graded sand with silt.