

Raymark, DEP preferred option for remedial Action at OU6

Option 2 – Address as many small parcels as possible to the high water table, w/in-town consolidation

Goal

- Address as many OU6 properties as possible
- Provide a low cost, protective remedy
- Provide for low, long-term O&M cost that insures the remedy remains protective
- Only start areas that can be completed in this phase
- Addresses OU2 groundwater

Description of the option

This option will use the available funds, to address as many small private parcels as possible with excavation to the high water table, with Consolidation at the OU9 Short Beach Park, and address OU2 (Groundwater) in Phase 1. Phase 2 would address all remaining Raymark waste with consolidation at OU4 at some future date.

Phase 1

Excavation to the high water table would be executed at; Wooster Park, Third Ave, 250-304-340 East Main St, 380 East Main St, 200 Ferry Blvd, 326 Ferry Blvd, the lot behind 326 Ferry Blvd, the vacant lot at Housatonic Ave and the Airport property (23,000 CY at \$3.7 million). Excavated material would be consolidated at Short Beach Park. It is assumed the differential cost to upgrade and close this CAMU to be about \$15 million.

In addition to the OU6 properties, the OU2 FS, Record of Decision and Remedial Action would be developed and implemented, assuming injection as the remedy the cost is estimated at about \$5 million.

The total cost of this option is **\$23.7 million** and about **23,000 cubic yards** of excavated material would be consolidated at OU9.

Phase 2

Excavate the remaining Raymark waste locations including; Lockwood Ave, 230, 250, 280 & 300 Ferry Blvd, 567 & 600 East Broadway, DOT I-95 lot, CT Right-of-Way, DPW AOCs 1 & 2, 251 East Main Street, Beacon Point AOCs 1, 2 & 3, OU7 and OU8 (**109,000 CY**) at about **\$34 million** with consolidation and capping at OU4.

Total cost \$57.7M

132,000 CY

Total PV O&M cost \$1.85 million, plus short-term groundwater monitoring.

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	Remedy now	Remedy now \$	Remedy later	Remedy later \$	Interim action now until remedy later	Interim Action \$	Total \$
	0 CY						
OU2 Groundwater	FS & Injection	\$5M					\$5M
			20,000CY				
OU3 Upper Ferry Creek			Dredge channel	\$10M 50/50	Signage		
			CAMU				
OU4 Raybestos Ballfield			Cap as CAMU	\$10M 90/10	Fence, Signage & Order		
OU5 Shore Road & Housatonic Boat Club			TBD	TBD	Signage and Order (HBC is already fenced)		
			13330 CY				
OU6 - site 1 Lockwood Ave. Wetland			Excavate	\$1.7M	Fence, Signage & Order		
	400 CY						400
OU6 - site 2 200 Ferry Blvd.	Excavate	\$152K					\$5,152K
			38000 CY				
OU6 - group 3 Ferry Blvd. properties			Excavate	\$5M 90/10	Order, Signage		
	8900						9300
OU6 - group 4 Lot behind 326 Ferry Blvd & Vacant lot at Housatonic	Excavate	\$1.2M					\$6,352K
	500CY						9800
OU6 - site 5 326 Ferry Blvd	Excavate	\$194K					\$6,546K
Off track with owner			14200 CY				
OU6 - group 6 576 & 600 East Broadway	Isolate With building			\$1.9M	Possible owner input.		
			2700 CY				
OU6 - site 7 Vacant DOT Lot abutting I-95				\$403K	Signage, (Fence?), (Order?)		
			1600 CY				
OU6 - site 8 CT Right of Way				\$280K	Signage, (Order?)		
	3300 CY						13100
OU6 - group 9 250,304,340 East Main Street	Excavate to WT	\$560K					\$7,106K

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	24CY						13124
OU6 - site 10 380 East Main St	Excavate to WT	\$105K					\$7,211K
			6,200CY				
OU6 - site 11 DPW-AOC 1 (North)				\$887K	Signage, Order (DPW is fenced)		
			2800 CY				
OU6 - group 12 DPW –AOC2 & 251 East Main Street				\$455k	Signage, Order, (Fence?)		
			1,300CY				
OU6 - site 13 Beacon Point-AOC1 (North of Launch)				\$320K	Signage, Order (Fence?)		
	0						
OU6 - site 14 Beacon Point-AOC2 (Parking lot)		\$48K					
			5600CY				
OU6 - group 15 Beacon Point-AOC3 (South of Parking lot)				\$1.1M	Signage, Order, (Fence?)		
	7750 CY						20,874
OU6 - site 16 Airport Property North of Marine Basin	Excavate	\$1M					\$8,211K
	1,580CY						22,454
OU6 - site 17 Wooster Park	Excavate	\$270K					\$8,481K
	630CY						23,084
OU6 - site 18 Third Ave.	Excavate	\$185K					\$8,666K
			1,500CY				
OU7 Lower Ferry Creek to Shore Road wetlands & Selby Pond			Hot spot removal	\$1M	Signage		
			1,500CY				
OU8 Beacon Pt wetlands & Elm St. Wetland			Hot spot removal	\$1M	Signage		
CAMU							

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