

United States Environmental Protection Agency
Region V
POLLUTION REPORT

Date: Monday, November 28, 2005

From: Sam Borries/ Josie Clark

Subject: POLREP #6, Ruddiman Creek & Pond
Ruddiman Creek and Pond Remediation
2204 Wickham Street, Muskegon, MI
Latitude: 43.2142000
Longitude: -86.2831000

POLREP No.:	6	Site #:	GLNPO
Reporting Period:	10/10/05 -10/19/05	D.O. #:	
Start Date:	8/8/2005	Response Authority:	
Mob Date:	8/8/2005	Response Type:	
Demob Date:		NPL Status:	Non NPL
Completion Date:		Incident Category:	Removal Action
CERCLIS ID #:	N/A	Contract #	
RCRIS ID #:	N/A		

Site Description

Refer to POLREP #1 (initial)

Current Activities

During this reporting period dredging activities were completed in Areas G, H & I. A total of 5,442 cubic yards of sediment were dredged from Area G and 568 combined cubic yards were dredged from H & I. The Area G volume includes the additional three grids (former streambed) that required additional excavation according to the post dredge sample data. The velocity dissipation structure was constructed at the 100 inch outfall after backfilling Area I with sand and lining the banks and streambed with 6 inch rock. All of Areas G, H & I were backfilled with sand and 6 inch rock on top of the sand. The temporary road installed for excavation/dredging activities was removed from along the streambed and from the staging pad to the road leading downhill to the creek. The gravel road on the hillside remains allowing for future access to the creek. Note that the top nine inches of gravel was removed from the hillside road to remove potential contamination spillage from haul trucks during dredging activities. Final restoration of Areas G, H & I will occur in the spring.

J&M Construction is currently building access roads into Areas F & E. Dredging in these areas is anticipated to begin during the week of 11/28/05. Access road construction into Areas B, C & D will begin once the Pond level is lowered two feet. The Pond level is expected to be lowered after final placement of the sand and gravel backfill in Area A5.

GLDM has completed the initial dredge cut in Area A5. Post dredge samples were collected from A5 on 11/15/05 and 11/16/05. Analytical results were received on 11/22/05 and were reviewed to determine if any additional dredging is required for Area A5. Review of post dredge sample data indicates that three grids in Area A5 will require a second pass and removal of a 2 foot lift per the approved work plan. Each of the grids to be re-dredged is approximately 100 ft x 100 ft. Weather dependent, it is expected that the re-dredge in Area A5 will occur during the week of 11/28/05. As of 11/20/05 approximately 23,570 cubic yards of sediment have been dredged from pond Areas 3, 4 & 5. As of 11/20/05 a total of 41,096.76 tons of solidified sediment has been disposed of off-site. The total dredge volume as of 11/20/05 for both the Pond and Creek Areas is approximately 29,580 cubic yards.

EQM constructed an additional staging pad south of the existing primary staging pad. The new staging pad allows for increased production and additional drying time of solidified sediment prior to disposal. Heavy equipment has gouged the surface of the primary staging pad requiring it to be repaired. Repairs to the initial staging pad will be conducted when Area A5 is backfilled with sand and gravel. Dredging delays have occurred in pond dredging due to mechanical and weather delays.

EQM continues to winterize the water treatment plant for cold weather operations. As of 11/20/05 1,692,100 gallons of water have been treated and discharged to the local sanitary sewer. The water is collected for treatment from the creek excavation areas and is also decanted from the barges of sediment

prior to solidification.

Planned Removal Actions

Continue dredging operations in both the Pond and Creek areas. The immediate future will focus on pond Area A5 and creek Areas F&E.

Key Issues

Weather and mechanical delays continue to hinder dredging progress.

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