



IMPROVING COMMUNITIES TOGETHER

WEEKLY SUMMARY REPORT

Client:	Needham DPW	Dates:	1/27/2020 to 1/31/2020
Contract:	Rosemary Lake Dredging	Inspector(s) on site:	Caroline Armstrong Craig Ellis
Contractor:	Maverick Construction Co., Inc.		

WORK COMPLETED THIS WEEK

- Weekly turbidity monitoring conducted on Tuesday and Friday along Rosemary Brook. Monitoring conducted at the Whalen's property on Friday. Inlet fish net inspections conducted on Friday by BETA. Erosion Controls inspected by BETA.
- Continued construction of work pad on bottom of access ramp. Additional crane mats placed on lakebed. Dense grade gravel delivered to staging area for work pad. Sump pumps were installed and are being used for dewatering from work pad area.
- Lakebed material excavated by grids in proximity to work pad. Includes material for disposal at Aggregate Industries and at unlined landfill. Placement of jersey barriers on work pad to create bin for placing stockpiles for loading and transport. Two soil bins have been constructed to date. Plastic sheeting placed at the base of soil bin, and excavated lakebed material has been placed into one soil bin to allow stabilization.
- Completed installation of filtration system at beach parcel. Mobilization of additional storage containers equipment, including polysheeting, spill kits, etc.
- Maverick captured fish found by outfall, logged and relocated downstream, per wildlife training.
- Maverick provided list of planned disposal facilities. LSP Opinion and shipping documents for Aggregate Saugus facility prepared.

WORK ANTICIPATED FOR NEXT WEEK

- Weekly turbidity monitoring to be conducted along Rosemary Brook.
- Continue construction of working pad. Continue excavation of lakebed material. Continue stockpiling of material to allow dewater. Continued mobilization of jersey barriers to work pad for soil bin areas. Continue relocation of excavated material into soil bin areas to allow stabilization. Perform pump test with treatment system on base flow. Installation of rip rap forebay.

PHOTOS



Additional storage unit at Staging Area



Thursday (1/30/2020)

erosion controls



Crane Mat and dewatering progress (1/27/2020)



Crane Mat and dewatering progress (1/28/2020). Installation of larger dewatering system



dewatering system



Work Pad progress (1/28/2020). Note, water table seeping into pad



Work Pad progress (1/29/2020). Additional 1' of grade added to allow pad to be above water table



Work Pad progress (1/29/2020)



Work Pad progress (1/30/2020)



Facing northeast



Facing southwest

Soil Bin installed with jersey barriers

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Additional dewatering installed southwest of jersey barrier soil bin and discharging into lakebed stream



Work Pad progress (1/30/2020)



Work pad progress (1/31/2020)



Excavated lakebed material placed in soil bin to stabilize

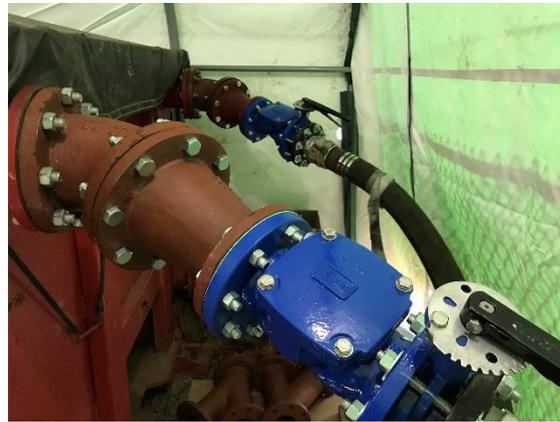


Construction of second soil bin



Excavation of lakebed material (east of crane mats and work pad)

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Treatment system set up



Treatment system discharge set up



Fish caught and relocated downstream