

US EPA ARCHIVE DOCUMENT



Command and General Staff

September 26, 2012

Submerged Oil

Site-Wide Monitoring



Monitoring and Sampling Activities

- E-4 Containment system poling and bathymetry has commenced.
 - Live GIS review of E-4 Poling.
- Phase II Sediment Trap weekly monitoring scheduled for the week of October 1st.
- Phase I Sediment Trap monthly monitoring and maintenance scheduled for the week of October 8th.
- Walling Tube monthly sampling scheduled for the week of October 8th.
- Morrow Lake Delta and Morrow Lake monthly monitoring scheduled for the week of October 8th.

Sediment Trap

Phase II Sediment Trap Status



Baseline Assessments (Poling and Bathymetry) Complete

Enhanced structure and CSD installations Complete

Weekly Monitoring and Maintenance

- MP 33.0 A Complete
- Ceresco, Delta A ongoing

Live GIS Review of Phase II Sediment Trap Poling



Sediment Trap

Phase I Sediment Trap Status

- Additional bathymetric data added to Phase I Traps collected last week.
- Monthly poling and sampling of CSDs concluded last week.
- GIS Review of monthly Phase I sediment trap poling results



Submerged Oil Science Update



Oil Quantification Coring Program Status

- Update on status of pilot study schedule
- Samples for Method Detection Limit (MDL) collected from Battle Creek River and upstream of the Confluence.

Emerging Oil Management



Recurring Sheen and Sheen Responses - September 21, 2012 – September 25, 2012

- Ceresco (3) – including Control Point upstream to MP 5.0
- MP 21.5 (3)
- MP 23.15 RDB (2)
- MP 26.0 RDB (2)
- MP 26.3 RDB (2)
- MP 28.2 RDB (2)
- MP 37.9 (2) – north cove of Morrow Lake Fan
- MP 37.9 (2) – south cove of Morrow Lake Fan
- MP 38.75 (2) – Morrow Lake near Rowe Island

Emerging Oil Management

Ceresco - MP5.75 LDB

9.24.2012

Sweep Boat Agitated



Emerging Oil Management

Ceresco – Control Point
9.25.2012
Sheen in Debris



2012/09/25 14:51

Emerging Oil Management

Ceresco - MP5.63 LDB

9.25.2012

Naturally Occurring



2012/09/25 14:44

Emerging Oil Management

Mill Ponds - MP15.5 LDB Main Channel

9.25.2012 Boat Agitated



Emerging Oil Management

Mill Ponds - MP15.5 RDB Main Channel

9.25.2012 Boat Agitated



● Marshall Source



Emerging Oil Management

Morrow Lake Delta - Gate C

9.25.2012

Naturally Occurring



Emerging Oil Management

Morrow Lake Delta - Gate C
9.21.2012 Generated by Poling



Kalamazoo River

RI/RA Status



Source Area Removal Update (MDEQ)

- Removal actions completed
- 1,640 yd³ impacted soil removed
- 1,200 gallons of impacted water removed
- Backfill and final restoration nearing completion

Kalamazoo River RI (MDEQ)

- Discussing end points including background metals and organics.



Excavation 9.24.2012