

US EPA ARCHIVE DOCUMENT

Situation Photo Log

Monday, November 19, 2012

Kalamazoo River / Enbridge Spill

Water / Sediment Temperatures

Location	Water Temp. (°F)	Sediment Temp. (°F)
C0.4 Boat Launch Gauge	46.81	46.91
D2 Boat Launch	46.69	49.28
E4 Boat Launch Gauge	42.31	43.72



1. MP5.63 RDB, Ceresco Dam trestle, no sheen observed.



2. MP5.75 Ceresco Dam control point, debris observed along containment boom.



3. Debris observed along Ceresco Dam control point.



4. Ceresco Dam during afternoon overflight, debris had been removed from containment boom.



5. Debris bags observed in boats parked at C0.4 boat launch.



6. Mill Ponds, no sheen observed.



7. Observed crews installing utility piping in river at Burnham Street Bridge (Mill Ponds).



8. MP 19.25 sediment trap, sheen observed within containment. Sheen test conducted by inspection crew was conclusive for biogenic sheen.



9. MP 19.25 LDB, sheen observed along shoreline just downstream from sediment trap. Sheen test conducted by inspection crew was conclusive for biogenic sheen.



10. Sheen test results from MP19.25, sheen was conclusive for biogenic sheen.



11. Sheen sweepers boat observed heading upstream near MP 27.0.



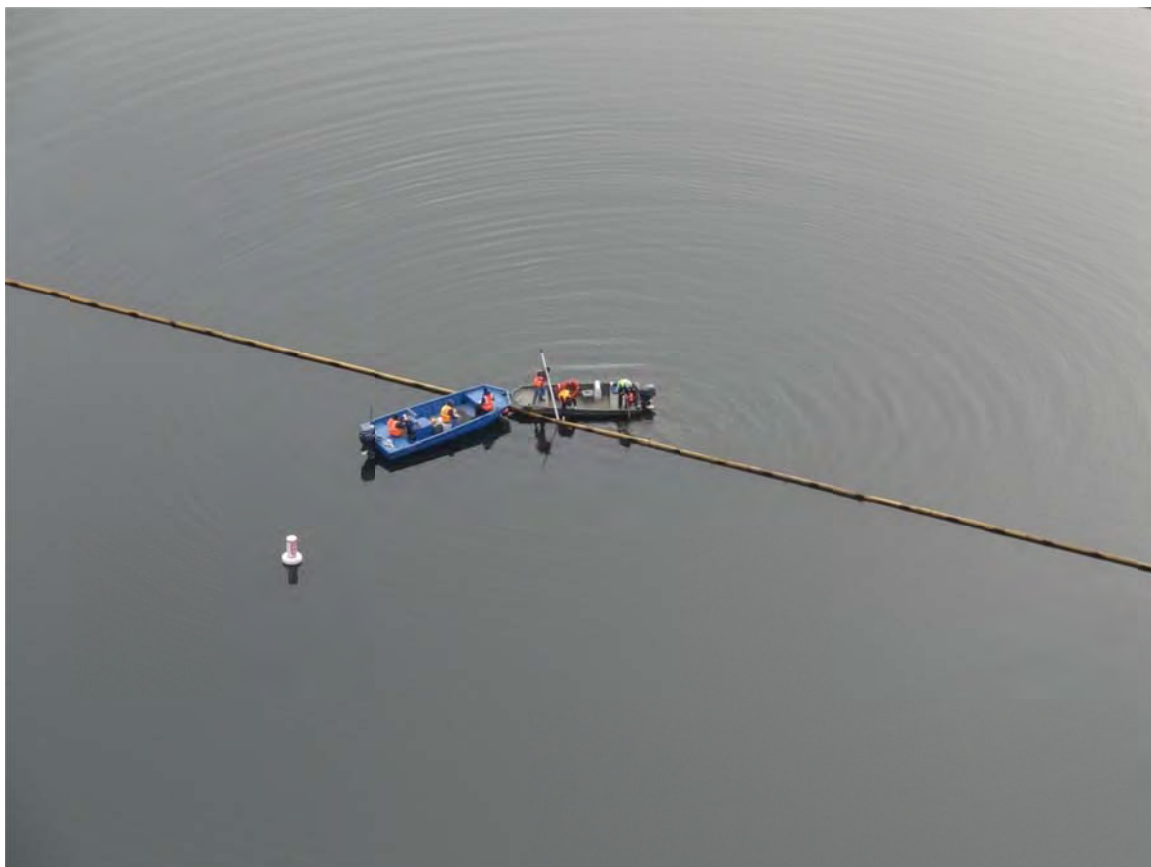
12. MP 28.25 oxbow, sheen observed in back channel of oxbow.



13. E4 containment system, observed post-curtain removal bathymetry survey crews along Boom E in western end of delta.



14. Observed sheen sweeper boat operating in southwest corner of Morrow Lake Delta.



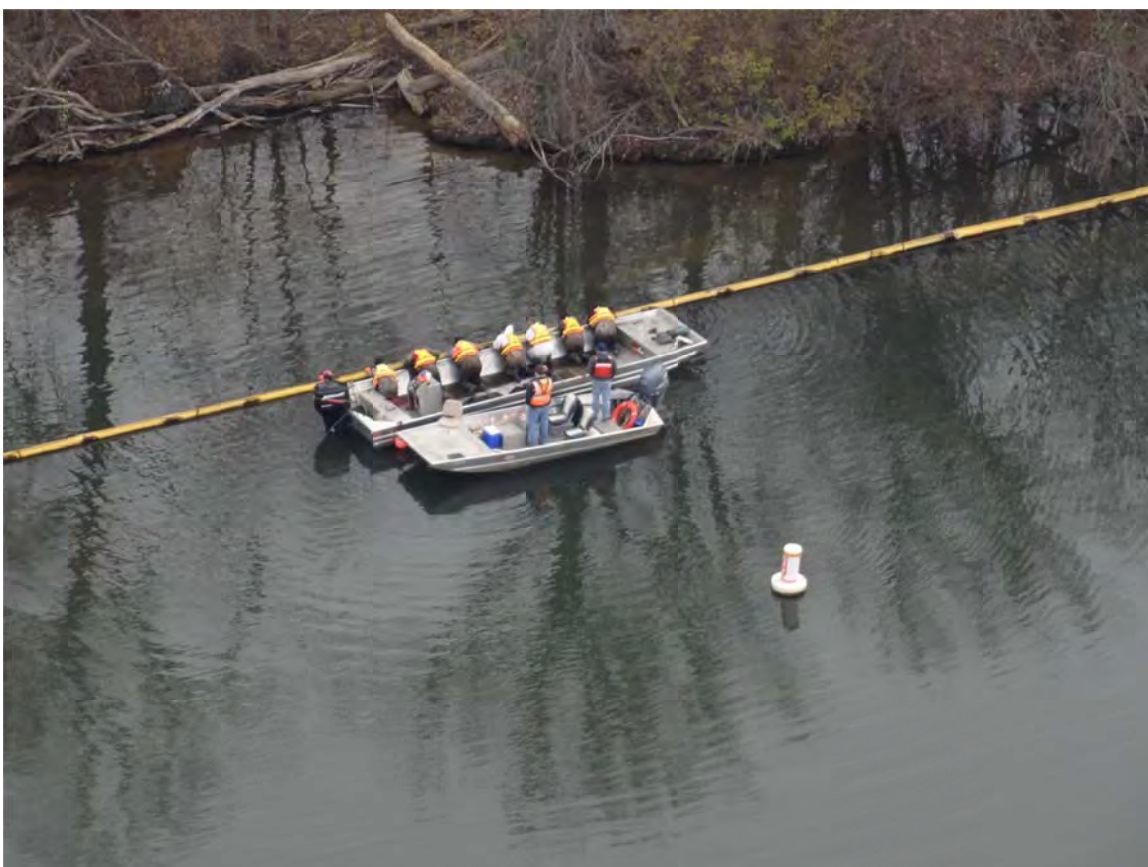
15. Observed post-curtain removal bathymetry crew working along boom E in west end of Morrow Lake Delta.



16. Post-curtain removal bathymetry crew working along boom E in west end of Morrow Lake Delta.



17. Sheen sweeper boat and Health & Safety boat on Morrow Lake.



18. Observed crews removing sediment curtain from Boom F in neck of Morrow Lake.



19. Observed crews removing sediment curtain from Boom F in neck of Morrow Lake.



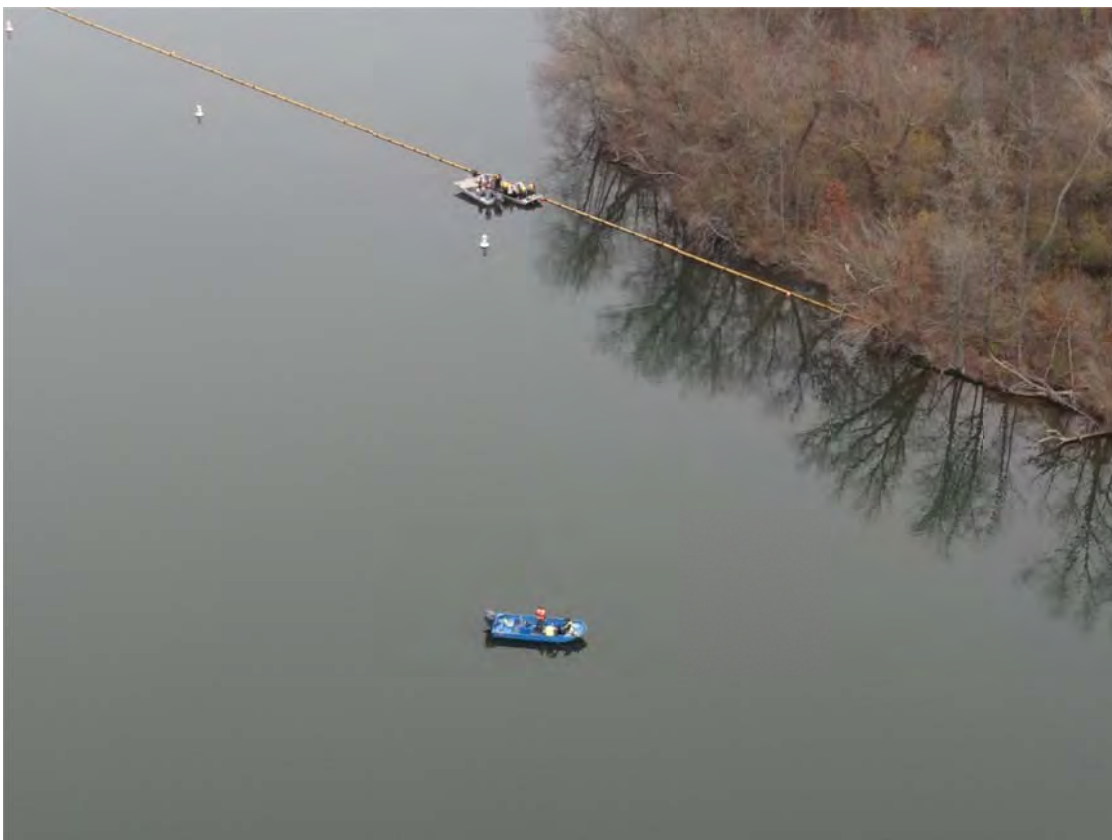
20. Observed crews removing sediment curtain from boom in Morrow Lake.



21. Sheen and tar globules generated during sediment curtain removal activities.



22. Photo of sediment curtain sample collected for analyses during removal activities.



23. Aerial shot of curtain removal crew and downstream turbidity monitoring crew. No turbidity issues observed during overflight.



24. Morrow Lake Dam.