

US EPA ARCHIVE DOCUMENT

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|---|---|--------------------------|---|--------------------------------|--------------------|
| 1. Incident Name | | 2. Date Prepared | 3. Time Prepared | UNIT LOG ICS 214 | |
| Kalamazoo River/Enbridge Spill | | 07/26/2012 | 1930 | | |
| 4. Unit Name/Designators | | 5. Unit Leader | | 6. Operational Period : | |
| Operations Unit/Submerged Oil Branch, Science Group | | Name: | Dan Capone & Joe Victory (START/US EPA) | From: | 07/26/2012 0700 |
| | | Position: | Operations Section Chief | To: | 07/26/2012 1830 |
| 7. Personnel Roster Assigned | | | | | |
| <u>Name</u> | | <u>ICS Position</u> | | <u>DUTY CELL</u> | |
| Dan Capone | | Operations Section Chief | | | |
| Joe Victory | | Operations Section Chief | | | |
| Rex Johnson | | Deputy Director | | | |
| Dan Zahner | | Field Team Lead | | | |
| Steven Kidder | | SOS 1 | | | |
| | | | | | |
| 8. Activity Log | | | | | |
| Activity Area | Delta H | | | LAT | LAT |
| | | | | Various | Various |
| | | | | (DD.MMMM) | (DD.MMMM) |
| <u>OIL OBSERVED</u> | <u>EXTENT OF OIL IMPACTED AREA</u> | | NA | | |
| | <u>DENSITY OF OIL /SHEEN</u> | | NA | | |
| Total Collection Points | | | | | |
| Total Boom Deployed | | | | | |
| Activity | <p><u>Weston/START Submerged Oil Branch Science Group (SOS) Team Activity:</u></p> <p>Sediment Agitation Study at Delta Z Location</p> <ul style="list-style-type: none"> • The Delta H agitation study enclosure was deployed 7/25/12. • Pre-agitation water depth and temperatures were collected. • The four sides outside the enclosure were poled. P2-Moderate, P3-Heavy, P4-Moderate, and P5- Moderate. • Collected two pre-agitation sheen samples with netting. One clean netting sample where just globs were picked from the surface and one dirty where net was dragged through the surface attempting to pick up all of the sheen and globules. • Collected pre-agitation water samples. • Collected pre-agitation water quality parameters with YSI. • Collected pre-agitation LSST. • Collected 5 pre-agitation sediment cores. All cores were pushed to 4' with recovery | | | | |

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| | <p>of 2.5, 2.8, 2.7, 2.6, and 2.9.</p> <ul style="list-style-type: none"> • Agitated study enclosure with 1HP pump and a one inch stinger for approximately 8 minutes. • Conducted post agitation sheen collection and samples, LSST analysis, water quality parameters, and water samples at 0, 15 minutes, 30 minutes, 1 hour, 2 hour, 4 hour, and 6 hour. • Collected 5 post agitation cores all pushed to 4 feet. Recovery was 2.6, 3.1, 2.8, 3.3, and 2.9. • Time 0, 15, and 30 minute 2.5 ft turbidity readings are maxed out on the YSI giving a false reading. Enbridge rep said that they called the manufacture and said that the unit reads up to 1500 NTU. |
| <p>Health and Safety Issues</p> | <p>None</p> |
| <p>Comments</p> | <p>The above information is summarized from Log book SOS-1</p> |