

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 | 06/1/2012 | 1645 | | |
| 4. Unit Name/Designators | 5. Unit Leader | | 6. Operational Period : | |
| Operations Unit/Containment Branch Monitoring Group | Name: | Dan Capone & Joe Victory (START/US EPA) | From: | 06/1/2012 0630 |
| | Position: | Operations Section Chief | To: | 06/1/2012 1500 |

| 7. Personnel Roster Assigned | | |
|------------------------------|--------------------------|-----------|
| Name | ICS Position | DUTY CELL |
| Dan Capone | Operations Section Chief | |
| Joe Victory | Operations Section Chief | |
| Rex Johnson | Deputy Director | |
| Dan Zahner | Field Team Lead | |
| Greg Wagner | CBM Team 1 | |

| 8. Activity Log | | | |
|----------------------------|------------------------------------|----------------------|----------------------|
| Activity Area | | LAT | LAT |
| | | Various (DD.MMMM) | Various (DD.MMMM) |
| <u>OIL OBSERVED</u> | EXTENT OF OIL IMPACTED AREA | | |
| | DENSITY OF OIL /SHEEN | | |
| Total Collection Points | | | |
| Total Boom Deployed | | | |

Weston/START Containment Branch Monitoring Group (CBM) Team Activity:
 Greg Wagner and Dylan Massey (LBG) conducted (1) Control & Containment Point inspections at shoreline and overbank locations from Kalamazoo River mile post 2.25 (C0.0) through 14.00 (2) Water & Sediment Temperature & Level Readings.

- 0630: Meeting with EPA, START, and Enbridge contractors to discuss Containment Operations.
- 0730- 1500: START and LBG members conducted inspections. Observations and recommended actions were logged in the START CBM Team 2 log book, as well as discussed with Dylan Massey. Dylan Massey informed Enbridge contractors to make recommended actions.

WATER/SEDIMENT TEMPERATURE AND LEVEL READINGS:

| Activity | LOCATION | WATER TEMP | SEDIMENT TEMP | WATER LEVEL |
|----------|------------------------|-------------|---------------|-------------|
| | MP 2.25 (C 0.0 Launch) | | | |
| | MP 5.25 (C0.4 Launch) | 59.2 | 60.3 | 1.8 |
| | MP 10.0 (C3.2 Launch) | 58.9 | 63.5 | 1.7 |
| | MP 15.0 (C5 Launch) | | | |
| | MP 18.75 (D2 Launch) | | | |
| | MP 21.5 (D5) | | | |
| | MP 27.0 (E0.5 Launch) | | | |
| | MP 30.0 (E2 Launch) | | | |
| | MP 35.0 (E3 Launch) | | | |
| | MP 38.0 (E4 Launch) | | | |
| | AVERAGE | 59.1 | 61.9 | 1.75 |

WEEKLY/AFTER RAIN EVENT INSPECTION:

Talmadge Creek: (11) Pom-Poms deployed at 7 culvert locations:

MP 0.00: Upstream of source: **Turbidity 19.4 NTU**
MP 0.04: Below Source (Culvert 1): **Turbidity 12.1 NTU**
MP 0.27: Between Source & Division Road (Culvert 2): **Turbidity 8.54 NTU**
MP 0.50: Division Road (Culvert 3): MP 0.74: Hillbilly Road (Culvert 4): **Turbidity 7.91 NTU**
MP 1.09: 16 Mile Road (Culvert 5): **Turbidity 6.43 NTU**
MP 1.28: 15 ½-Mile Road (Culvert 6): MP 1.57: B4.5 (Culvert 7): **Turbidity 5.11 NTU**
MP 1.77: Saylor's Property (Culvert 8): MP 1.99: A Drive North (Culvert 9): **Turbidity 4.25 NTU**
MP 2.02: Talmadge Creek before Confluence: **Turbidity 8.34 NTU**

DAILY CONTAINMENT MONITORING:

Kalamazoo River: Control (CT) & Containment (CTM) Points (14) deployed are:

MP 5.75 (Ceresco Dam): **Control Point booms intact. Observed some silver sheen on the water surface near the control boom. Area of sheen is 200' x 1' = 200 sq. ft.**
MP 8.50 L1 (8.48 LDB): **Containment intact. Silver sheen observed. Area of sheen is 1' x 3' = 3 sq.ft.**
MP 8.50 L3 (8.48 LDB): **Containment intact. Silver sheen observed. Area of sheen is 1' x 1' = 1 sq. ft.**
MP 8.75 R1: **Containment intact. No sheen observed.**
MP 9.00 I2 (8.97I): **Containment intact. No sheen observed.**
MP 10.75 LDB: **Containment intact. Silver sheen observed. Area of sheen is 2' x 1' = 2 sq. ft.**
MP 11.75 L2 (11.79 LDB): **Water level drops have breached the containment at this location. No sheen observed. Boom was scheduled to be replaced by SWAT today.**
MP 14.98I:
MP 15.65 (Battle Creek Spillway):
MP 17.00 L1 (Rock Tenn):
MP 21.50 (Oxbow):
MP 30.8 LDB:
MP 37.75 (E4):

RIVER REOPENING MILE POSTS:

MP -2.70 to MP 2.25:
MP 2.25 to MP 5.90:
MP 5.90 to MP 9.50:
MP 9.50 to MP 13.75:
MP 13.75 to MP 15.65:
MP 15.65 to MP 18.75:
MP 18.75 to MP 30.00:
MP 30.00 to MP 35.25
MP 35.25 to MP 37.75:
MP 37.75 to MP 40.00:

Total sheen in control points: **200 sq. ft.**
Total sheen within containment: **6 sq. ft.**
Total Sheen: **206 sq. ft.**

Helicopter Fly-Over Pictures:

No inspections resulting from overflight pictures were performed today.

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| Health and Safety Issues | |
| Comments | None. |