

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 | 04/19/2012 | 1700 | | |
| 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: | 04/19/2012 0600 |
| | Position: | Operations Section Chief | To: | 04/19/2012 1645 |

| 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 | |
| Karen Berez | CBM Team 2 | |
| | | |

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

| | | | | |
|---------------------|--|-------------------|----------------------|--------------------|
| Activity | <u>Weston/START Containment Branch Monitoring Group (CBM) Team Activity:</u> | | | |
| | Karen Berez and Dylan Massey conducted (1) Control & Containment Point inspections at shoreline locations at Talmadge Creek. (2) Control & Containment Point inspections at shoreline and overbank locations from Talmadge Creek and Kalamazoo River mile post 0.00 through 10.00. (3) Water & Sediment Temperature & Level Readings. | | | |
| | <ul style="list-style-type: none"> • 0630: Meeting with EPA, START, and Enbridge contractors to discuss Containment Operations. • 0700 - 1545: 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. | | | |
| | LOCATION | WATER TEMP | SEDIMENT TEMP | WATER LEVEL |
| | MP 2.25 (Confluence) | 55.5 | 52.9 | 3.7 |
| | MP 5.25 (C0.4 Launch) | 59.0 | 55.1 | 2.5 |
| | MP 10.0 (C3.2 Launch) | 51.8 | 50.5 | 2.3 |
| | MP 15.0 (C5 Launch) | | | |
| | MP 15.6 (Culverts) | N/A | N/A | N/A |
| | 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 | 55.43 | 52.83 | | |

WEEKLY/AFTER RAIN EVENT INSPECTION:

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

MP 0.00: Upstream of source:
MP 0.04: Below Source Culvert 1:
MP 0.27: Between Source & Division Road Culvert 2:
MP 0.50: Division Road Culvert 3:
MP 0.74: Hillbilly Road Culvert 4:
MP 1.09: 16 Mile Road Culvert 5:
MP 1.28: 15 ½-Mile Road Culvert 6:
MP 1.57: B4.5 Culvert 7:
MP 1.77: Saylor's Property Culvert 8:
MP 1.99: A Drive North Culvert 9:
MP 2.02: Talmadge Creek before Confluence:

DAILY CONTAINMENT MONITORING:

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

MP 2.25 (Confluence): No oil and/or sheen observed along Talmadge Creek leading to confluence or at confluence. Tom Graan and Ron Zelt at site inspecting Walling Tube Sediment Sampler placed on Talmadge Creek.

MP 5.25 (C 0.4): SWAT has completed removal of check point. Site will be removed from daily containment monitoring. Moderate amounts of organic debris still floating in the vicinity.

MP 5.75 (Ceresco Dam): Slight silver sheen and a few pinhead sized oil globules observed intermittently along control point. Area of sheen is 10' x 2' = 20 sq. ft. SWAT cleaning out collection area on southern shore. Amount of organic debris in collection areas has decreased significantly from yesterday to today.

MP 8.50 L1 (8.48 LDB): Very slight silver sheen observed within containment. Area of sheen is 1' x 1' = 1 sq. ft.

MP 8.50 L3 (8.48 LDB): No oil and/or sheen observed within containment.

MP 8.75 R1: Slight silver and rainbow sheen and a few pinhead sized oil globules observed within containment. Area of sheen is 3' x 5' = 15 sq. ft. Also, observed within containment is a slight film of sheen across the majority of the water surface that is a mixture of biological and petroleum sheen.

MP 9.00 I2 (8.97I): Very slight silver sheen along with a few pinhead sized oil globules observed within containment. Area of sheen is 1' x 1' = 1 sq. ft.

MP 10.75 LDB:

MP 11.75 L2 (11.79 LDB):

MP 14.98I:

MP 15.65 (Battle Creek Dam):

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: Slight sheen and oil globules observed randomly along the southern area of the river from approximately MP 5.55 to MP 5.75 (control point).

MP 5.90 to MP 9.50:

MP 9.50 to MP 13.75:

MP 13.75 to MP 15.65:

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|--|---|
| | <p>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:</p> <p>Total sheen in control points: 20 sq. ft. Total sheen within containment: 17 sq. ft. Total Sheen: 37 sq. ft.</p> <p><u>Helicopter Fly-Over Pictures:</u></p> <p>CBM 2 had no Situation Photo Log pictures to inspect today.</p> |
| <p>Health and Safety Issues</p> | <p>None</p> |
| <p>Comments</p> | <p>Observed SWAT installing containment at MP 5.80, just below the powerhouse at Ceresco Dam. Also observed a fisherman on the Kalamazoo River at Saylor's Landing.</p> |