

US EPA ARCHIVE DOCUMENT

1. Incident Name		2. Date Prepared	3. Time Prepared	UNIT LOG ICS 214																																																	
Kalamazoo River/Enbridge Spill		06/16/2012	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:	06/16/2012 0630																																																
		Position:	Operations Section Chief	To:	06/16/2012 1430																																																
7. Personnel Roster Assigned																																																					
<u>Name</u>		<u>ICS Position</u>		<u>CELL</u>																																																	
Dan Capone		Operations Section Chief																																																			
Joe Victory		Operations Section Chief																																																			
Dan Zahner		Field Team Lead/CBM-2																																																			
8. Activity Log																																																					
Activity Area		MP-2.75 through MP-15.50		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		<p><u>Weston/START Containment Branch Monitoring Group (CBM) Team Activity:</u> Dan Zahner and Dylan Massey conducted (1) Control & 6 Containment Point inspections at shoreline and overbank locations from Talmadge Creek and Kalamazoo River mile post 2.75 through 15.5. (4) Water & Sediment Temperature & Level Readings.</p> <ul style="list-style-type: none"> • 0630: Meeting with EPA, START, and Enbridge contractors to discuss Containment Operations. • 0700- 1430: 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. <p><u>WATER/SEDIMENT TEMPERATURE AND LEVEL READINGS:</u></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">LOCATION</th> <th style="width: 20%;">WATER TEMP</th> <th style="width: 20%;">SEDIMENT TEMP</th> <th style="width: 30%;">WATER LEVEL</th> </tr> </thead> <tbody> <tr><td>MP 2.25 (C 0.0 Launch)</td><td style="text-align: center;">73.3</td><td style="text-align: center;">69.7</td><td style="text-align: center;">3.3</td></tr> <tr><td>MP 5.25 (C0.4 Launch)</td><td style="text-align: center;">71.0</td><td style="text-align: center;">71.0</td><td style="text-align: center;">1.5</td></tr> <tr><td>MP 10.0 (C3.2 Launch)</td><td style="text-align: center;">74.8</td><td style="text-align: center;">72.2</td><td style="text-align: center;">1.5</td></tr> <tr><td>MP 15.0 (C5 Launch)</td><td style="text-align: center;">74.2</td><td style="text-align: center;">73.3</td><td style="text-align: center;">2.7</td></tr> <tr><td>MP 18.75 (D2 Launch)</td><td></td><td></td><td></td></tr> <tr><td>MP 21.5 (D5)</td><td></td><td></td><td></td></tr> <tr><td>MP 27.0 (E0.5 Launch)</td><td></td><td></td><td></td></tr> <tr><td>MP 30.0 (E2 Launch)</td><td></td><td></td><td></td></tr> <tr><td>MP 35.0 (E3 Launch)</td><td></td><td></td><td></td></tr> <tr><td>MP 38.0 (E4 Launch)</td><td></td><td></td><td></td></tr> <tr style="border-top: 2px solid black;"> <td>AVERAGE</td> <td style="text-align: center;">73.3</td> <td style="text-align: center;">71.6</td> <td style="text-align: center;">2.25</td> </tr> </tbody> </table>				LOCATION	WATER TEMP	SEDIMENT TEMP	WATER LEVEL	MP 2.25 (C 0.0 Launch)	73.3	69.7	3.3	MP 5.25 (C0.4 Launch)	71.0	71.0	1.5	MP 10.0 (C3.2 Launch)	74.8	72.2	1.5	MP 15.0 (C5 Launch)	74.2	73.3	2.7	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	73.3	71.6	2.25
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WEEKLY/AFTER RAIN EVENT INSPECTION: Not Completed

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 5.75 (Ceresco Dam): Silver sheen observed 1x150 = 150 ft²
- MP 8.50 L1 (8.48 LDB): Boom has been removed, no sheen observed.
- MP 8.50 L3 (8.48 LDB Boom has been removed, no sheen observed.
- MP 8.75 R1: Boom has been removed, no sheen observed.
- MP 9.00 I2 (8.97I): Boom has been removed, no sheen observed.
- MP 10.75 LDB: Silver sheen observed 1x2 = 2 ft²
- MP 11.75 L2 (11.79 LDB): No sheen observed.
- MP 14.98I: Boom has been removed, no sheen observed.
- MP 15.65 (Battle Creek Spillway):
- MP 17.00 L1 (Rock Tenn):
- Boat Launch D-2:
- MP 21.50 (Oxbow):
- Boat Launch E-2:
- 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: 150 sq. ft.
 Total sheen within containment: 2 sq. ft.
 Total Sheen: 152 sq. ft.

Helicopter Fly-Over Pictures:

None inspected

Health and Safety
Issues

None

Comments	
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