

US EPA ARCHIVE DOCUMENT

<b>1. Incident Name</b>		<b>2. Date Prepared</b>	<b>3. Time Prepared</b>	<b>UNIT LOG ICS 214</b>																																																	
Kalamazoo River/Enbridge Spill		06/12/2012	1630																																																		
<b>4. Unit Name/Designators</b>		<b>5. Unit Leader</b>		<b>6. Operational Period :</b>																																																	
Operations Unit/Containment Branch Monitoring Group		<b>Name:</b>	Dan Capone & Joe Victory (START/US EPA)	<b>From:</b>	06/12/2012 0630																																																
		<b>Position:</b>	Operations Section Chief	<b>To:</b>	06/12/2012 1500																																																
<b>7. Personnel Roster Assigned</b>																																																					
<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																																																			
Greg Wagner		CBM Team 2																																																			
<b>8. Activity Log</b>																																																					
<b>Activity Area</b>				<b>LAT</b>	<b>LAT</b>																																																
				<b>Various</b> (DD.MMMM)	<b>Various</b> (DD.MMMM)																																																
<b><u>OIL OBSERVED</u></b>		<b><u>EXTENT OF OIL IMPACTED AREA</u></b>																																																			
		<b><u>DENSITY OF OIL /SHEEN</u></b>																																																			
<b>Total Collection Points</b>																																																					
<b>Total Boom Deployed</b>																																																					
<b>Activity</b>		<p><b><u>Weston/START Containment Branch Monitoring Group (CBM) Team Activity:</u></b>                  Greg Wagner and Dylan Massey (LBG) conducted (1) Control &amp; Containment Point inspections at shoreline and overbank locations from Kalamazoo River mile post 2.25 (C0.0) through 14.00 (2) Water &amp; Sediment Temperature &amp; Level Readings.</p> <ul style="list-style-type: none"> <li>• 0630: Meeting with EPA, START, and Enbridge contractors to discuss Containment Operations.</li> <li>• 0800- 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.</li> </ul> <p><b><u>WATER/SEDIMENT TEMPERATURE AND LEVEL READINGS:</u></b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">LOCATION</th> <th style="text-align: center;">WATER TEMP</th> <th style="text-align: center;">SEDIMENT TEMP</th> <th style="text-align: center;">WATER LEVEL</th> </tr> </thead> <tbody> <tr><td>MP 2.25 (C 0.0 Launch)</td><td style="text-align: center;">76.4</td><td style="text-align: center;">70.4</td><td style="text-align: center;">3.3</td></tr> <tr><td>MP 5.25 (C0.4 Launch)</td><td style="text-align: center;">71.5</td><td style="text-align: center;">67.1</td><td style="text-align: center;">1.6</td></tr> <tr><td>MP 10.0 (C3.2 Launch)</td><td style="text-align: center;">74.7</td><td style="text-align: center;">72.6</td><td style="text-align: center;">1.5</td></tr> <tr><td>MP 15.0 (C5 Launch)</td><td style="text-align: center;">73.1</td><td style="text-align: center;">73.0</td><td style="text-align: center;">2.8</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 style="text-align: center;"><b>AVERAGE</b></td> <td style="text-align: center;"><b>73.9</b></td> <td style="text-align: center;"><b>70.8</b></td> <td style="text-align: center;"><b>2.3</b></td> </tr> </tbody> </table>				LOCATION	WATER TEMP	SEDIMENT TEMP	WATER LEVEL	MP 2.25 (C 0.0 Launch)	76.4	70.4	3.3	MP 5.25 (C0.4 Launch)	71.5	67.1	1.6	MP 10.0 (C3.2 Launch)	74.7	72.6	1.5	MP 15.0 (C5 Launch)	73.1	73.0	2.8	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)				<b>AVERAGE</b>	<b>73.9</b>	<b>70.8</b>	<b>2.3</b>
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**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 5.75 (Ceresco Dam): **Containment intact. Observed silver sheen along the control point boom today. Area of sheen is 10' x 1' = 10 sq. ft.**

MP 8.50 L1 (8.48 LDB): **Containment intact. Observed silver sheen inside the containment today. Area of sheen is 1' x 1' = 1 sq. ft.**

MP 8.50 L3 (8.48 LDB): **Containment intact. No sheen observed today.**

MP 8.75 R1: **Containment has been removed.**

MP 9.00 I2 (8.97I): **Containment has been removed.**

MP 10.75 LDB: **Containment intact. Silver sheen observed inside containment. Area of sheen is 1' x 1' = 1 sq. ft.**

MP 11.75 L2 (11.79 LDB): **Containment intact. No sheen was observed today.**

MP 14.98I:

MP 15.65 (Battle Creek Spillway):

MP 17.00 L1 (Rock Tenn): **Containment has been removed.**

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: **10 sq. ft.**

Total sheen within containment: **2 sq. ft.**

Total Sheen: **12 sq. ft.**

**Helicopter Fly-Over Pictures:**

**No inspections resulting from helicopter overflight were performed by CBM-2 today.**

<b>Health and Safety Issues</b>	
<b>Comments</b>	