

US EPA ARCHIVE DOCUMENT

1. Incident Name		2. Date Prepared	3. Time Prepared	UNIT LOG ICS 214																																																	
Kalamazoo River/Enbridge Spill		04/23/2012	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:	04/23/2012 0600																																																
		Position:	Operations Section Chief	To:	04/23/2012 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		<p><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 10.00 through 40.00. (3) 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 - 1600: 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"> <thead> <tr> <th>LOCATION</th> <th>WATER TEMP</th> <th>SEDIMENT TEMP</th> <th>WATER LEVEL</th> </tr> </thead> <tbody> <tr><td>MP 2.25 (C 0.0 Launch)</td><td></td><td></td><td></td></tr> <tr><td>MP 5.25 (C0.4 Launch)</td><td></td><td></td><td></td></tr> <tr><td>MP 10.0 (C3.2 Launch)</td><td></td><td></td><td></td></tr> <tr><td>MP 15.0 (C5 Launch)</td><td>55.2</td><td>55.7</td><td>3.1</td></tr> <tr><td>MP 18.75 (D2 Launch)</td><td>40.8</td><td>41.5</td><td>1.8</td></tr> <tr><td>MP 21.5 (D5)</td><td>45.2</td><td>47.1</td><td>5.7</td></tr> <tr><td>MP 27.0 (E0.5 Launch)</td><td>43.6</td><td>45.0</td><td>2.3</td></tr> <tr><td>MP 30.0 (E2 Launch)</td><td>40.7</td><td>41.1</td><td>0.9</td></tr> <tr><td>MP 35.0 (E3 Launch)</td><td>41.7</td><td>42.0</td><td>0.7</td></tr> <tr><td>MP 38.0 (E4 Launch)</td><td>46.3</td><td>48.8</td><td>1.4</td></tr> <tr> <td>AVERAGE</td> <td>44.79</td> <td>45.89</td> <td></td> </tr> </tbody> </table>				LOCATION	WATER TEMP	SEDIMENT TEMP	WATER LEVEL	MP 2.25 (C 0.0 Launch)				MP 5.25 (C0.4 Launch)				MP 10.0 (C3.2 Launch)				MP 15.0 (C5 Launch)	55.2	55.7	3.1	MP 18.75 (D2 Launch)	40.8	41.5	1.8	MP 21.5 (D5)	45.2	47.1	5.7	MP 27.0 (E0.5 Launch)	43.6	45.0	2.3	MP 30.0 (E2 Launch)	40.7	41.1	0.9	MP 35.0 (E3 Launch)	41.7	42.0	0.7	MP 38.0 (E4 Launch)	46.3	48.8	1.4	AVERAGE	44.79	45.89	
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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 2.25 (Confluence):
MP 5.75 (Ceresco Dam):
MP 8.50 L1 (8.48 LDB):
MP 8.50 L3 (8.48 LDB):
MP 8.75 R1:
MP 9.00 I2 (8.97I):
MP 10.75 LDB: No oil and/or sheen observed within containment.
MP 11.75 L2 (11.79 LDB): No oil and/or sheen observed within containment. Due to drop in river level, area within containment on upstream end is currently a mudflat.
MP 14.98I: No oil and/or sheen observed within containment. Downstream end of island still submerged.
MP 15.65 (Battle Creek Dam): No oil and/or sheen observed within containment.
MP 17.00 L1 (Rock Tenn): Heavy silver and rainbow sheen along with $\frac{1}{32}$ " to $\frac{1}{16}$ " sized oil globules observed between intake and pom-poms placed within primary containment. Moderate silver and rainbow sheen along with $\frac{1}{32}$ " to $\frac{1}{16}$ " sized oil globules observed between pom-poms and primary containment. Total area of sheen is 20' x 20' = 400 sq. ft.
MP 21.50 Oxbow: Slight silver sheen and $\frac{1}{16}$ " sized oil globules observed within containment. Area of sheen is 15' x 2' = 30 sq. ft.
MP 30.8 LDB: No oil and/or sheen observed within containment.
MP 37.75 (E4): Slight silver sheen observed within collection area along control point. Area of sheen is 50' x 2' = 100 sq. ft.

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: No oil and/or sheen visible on river.
MP 13.75 to MP 15.65: No oil and/or sheen visible on river.
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>Total sheen in control points: 100 sq. ft. Total sheen within containment: 430 sq. ft. Total Sheen: 530 sq. ft.</p> <p><u>Helicopter Fly-Over Pictures:</u></p> <p>CBM 2 had no Situation Photo Log pictures to inspect today.</p>
Health and Safety Issues	None
Comments	None