

US EPA ARCHIVE DOCUMENT

1. Incident Name	2. Date Prepared	3. Time Prepared	UNIT LOG ICS 214																																																	
Kalamazoo River/Enbridge Spill	05/10/2012	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:	05/10/2012 0600																																																
	Position:	Operations Section Chief	To:	05/10/2012 1630																																																
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 13.50 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. • 0800- 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; text-align: center;"> <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>63.5</td><td>61.5</td><td>3.5</td></tr> <tr><td>MP 5.25 (C0.4 Launch)</td><td>66.2</td><td>62.8</td><td>2.2</td></tr> <tr><td>MP 10.0 (C3.2 Launch)</td><td>59.0</td><td>60.5</td><td>2.0</td></tr> <tr><td>MP 15.0 (C5 Launch)</td><td>63.4</td><td>60.7</td><td>3.1</td></tr> <tr><td>MP 18.75 (D2 Launch)</td><td>63.1</td><td>57.1</td><td>1.6</td></tr> <tr><td>MP 21.5 (D5)</td><td>61.6</td><td>58.2</td><td>5.4</td></tr> <tr><td>MP 27.0 (E0.5 Launch)</td><td>61.4</td><td>59.7</td><td>1.8</td></tr> <tr><td>MP 30.0 (E2 Launch)</td><td>59.6</td><td>55.4</td><td>0.5</td></tr> <tr><td>MP 35.0 (E3 Launch)</td><td>59.7</td><td>55.5</td><td>0.5</td></tr> <tr><td>MP 38.0 (E4 Launch)</td><td>58.0</td><td>59.5</td><td>1.4</td></tr> <tr style="border-top: 2px solid black;"> <td>AVERAGE</td> <td>61.55</td> <td>59.09</td> <td></td> </tr> </tbody> </table>				LOCATION	WATER TEMP	SEDIMENT TEMP	WATER LEVEL	MP 2.25 (C 0.0 Launch)	63.5	61.5	3.5	MP 5.25 (C0.4 Launch)	66.2	62.8	2.2	MP 10.0 (C3.2 Launch)	59.0	60.5	2.0	MP 15.0 (C5 Launch)	63.4	60.7	3.1	MP 18.75 (D2 Launch)	63.1	57.1	1.6	MP 21.5 (D5)	61.6	58.2	5.4	MP 27.0 (E0.5 Launch)	61.4	59.7	1.8	MP 30.0 (E2 Launch)	59.6	55.4	0.5	MP 35.0 (E3 Launch)	59.7	55.5	0.5	MP 38.0 (E4 Launch)	58.0	59.5	1.4	AVERAGE	61.55	59.09	
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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):

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:

MP 11.75 L2 (11.79 LDB):

MP 14.98I: **No oil globules and/or oil sheen observed within containment.**

MP 15.65 (Battle Creek Spillway): **No oil globules and/or oil sheen observed within containment.**

MP 17.00 L1 (Rock Tenn): **Moderate silver and rainbow oil sheen and 1/32" to 1/4" sized oil globules observed within primary containment. Area of sheen is 10' x 30' = 300 sq. ft.**

MP 21.50 (Oxbow): **Moderate oil sheen observed within containment. Area of sheen is 50' x 2' = 100 sq. ft.**

MP 30.8 LDB: **No oil globules and/or oil sheen observed along check point or in collection area.**

MP 37.75 (E4): **No oil globules and/or oil sheen visible in collection area on control point. Did not inspect the length of the control point due to time constraint.**

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: **Very random free floating oil sheen and a 1/2" sized oil globule observed off the RDB of MP 21.50 just after the Custer Road Bridge. Unable to reach sheen from RDB, will have to return tomorrow by boat to perform sheen test.**

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: **0 sq. ft.**

Total sheen within containment: **400 sq. ft.**

Total Sheen: **400 sq. ft.**

Helicopter Fly-Over Pictures:

	CBM 2 had no Situation Photo Log pictures to inspect today.
Health and Safety Issues	None
Comments	None