

US EPA ARCHIVE DOCUMENT

1. Incident Name		2. Date Prepared	3. Time Prepared	UNIT LOG ICS 214																																																	
Kalamazoo River/Enbridge Spill		05/08/2012	1730																																																		
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:	05/08/2012 0600																																																
		Position:	Operations Section Chief	To:	05/08/2012 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"> <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>64.4</td><td>60.4</td><td>3.5</td></tr> <tr><td>MP 5.25 (C0.4 Launch)</td><td>64.8</td><td>58.6</td><td>2.25</td></tr> <tr><td>MP 10.0 (C3.2 Launch)</td><td>62.8</td><td>60.8</td><td>2.1</td></tr> <tr><td>MP 15.0 (C5 Launch)</td><td>62.8</td><td>61.0</td><td>3.2</td></tr> <tr><td>MP 18.75 (D2 Launch)</td><td>62.1</td><td>57.3</td><td>1.7</td></tr> <tr><td>MP 21.5 (D5)</td><td>61.5</td><td>58.8</td><td>5.5</td></tr> <tr><td>MP 27.0 (E0.5 Launch)</td><td>61.5</td><td>58.4</td><td>2.0</td></tr> <tr><td>MP 30.0 (E2 Launch)</td><td>60.4</td><td>55.5</td><td>0.7</td></tr> <tr><td>MP 35.0 (E3 Launch)</td><td>59.8</td><td>55.7</td><td>0.6</td></tr> <tr><td>MP 38.0 (E4 Launch)</td><td>59.5</td><td>60.3</td><td>1.4</td></tr> <tr> <td>AVERAGE</td> <td>61.96</td> <td>58.68</td> <td></td> </tr> </tbody> </table>				LOCATION	WATER TEMP	SEDIMENT TEMP	WATER LEVEL	MP 2.25 (C 0.0 Launch)	64.4	60.4	3.5	MP 5.25 (C0.4 Launch)	64.8	58.6	2.25	MP 10.0 (C3.2 Launch)	62.8	60.8	2.1	MP 15.0 (C5 Launch)	62.8	61.0	3.2	MP 18.75 (D2 Launch)	62.1	57.3	1.7	MP 21.5 (D5)	61.5	58.8	5.5	MP 27.0 (E0.5 Launch)	61.5	58.4	2.0	MP 30.0 (E2 Launch)	60.4	55.5	0.7	MP 35.0 (E3 Launch)	59.8	55.7	0.6	MP 38.0 (E4 Launch)	59.5	60.3	1.4	AVERAGE	61.96	58.68	
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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 and/or sheen observed within containment.**
 MP 15.65 (Battle Creek Spillway): **No oil and/or sheen observed within containment.**
 MP 17.00 L1 (Rock Tenn): **Moderate silver and rainbow sheen and 1/16" to 1/2" sized oil globules observed within primary containment. Area of sheen is 25' x 5' = 125 sq. ft.**
 MP 21.50 (Oxbow): **Slight silver sheen and few 1/16" sized oil globules observed within containment. Area of sheen is 10' x 2' = 20 sq. ft.**
 MP 30.8 LDB: **No oil and/or sheen observed along check point or in collection area.**
 MP 37.75 (E4): **Silver and rainbow sheen along with and 1/16" to 1/2" sized oil globules observed consistently along control point. Area of sheen is 1' x 500' = 500 sq. ft. Also noted was X-tex curtain still floating up from hard boom.**

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: **Random free floating silver sheen and 1/16" sized oil globules observed off RDB at MP 21.50 just before upstream end of oxbow. SWAT notified of location to dispatch sheen recovery boat.**
 MP 30.00 to MP 35.25: **Random free floating silver sheen observed upstream from check point as indicated from over flight photo log dated 05/05/12 Photo 48.**
 MP 35.25 to MP 37.75: **Random free floating silver and rainbow sheen along with 1/16" sized oil globules observed from MP 37.25 to MP 37.75. SWAT notified of location to dispatch sheen recovery boat.**
 MP 37.75 to MP 40.00:

Total sheen in control points: **500 sq. ft.**
 Total sheen within containment: **145 sq. ft.**
 Total Sheen: **645 sq. ft.**

	<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