

US EPA ARCHIVE DOCUMENT

1. Incident Name		2. Date Prepared	3. Time Prepared	UNIT LOG ICS 214	
Kalamazoo River/Enbridge Spill		04/16/2012	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:	04/16/2012 0600
		Position:	Operations Section Chief	To:	04/16/2012 1700
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 Kalamazoo River mile point 15.00 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 - 1615: 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. 			
		LOCATION	WATER TEMP	SEDIMENT TEMP	WATER LEVEL
		MP 2.25 (Confluence)	59.0	54.9	4.0
		MP 5.25 (C0.4 Launch)	58.9	53.5	3.0
		MP 10.0 (C3.2 Launch)	58.4	55.0	2.8
		MP 15.0 (C5 Launch)			
		MP 15.6 (Culverts)	N/A	N/A	N/A
		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	58.77	54.47	

AFTER RAIN EVENT INSPECTION:**Talmadge Creek:** (11) Pom-Poms deployed at 7 culvert locations:

MP 0.00: Site above Source: **No oil and/or sheen observed within containment. Turbidity reading = 10.8.**
 MP 0.04: Below Source Culvert 1: **No oil and/or sheen observed within containment. Turbidity reading = 8.36 NTU.**
 MP 0.27: Between Source & Division Road Culvert 2: **No oil and/or sheen observed within containment. Turbidity reading = 8.23 NTU.**
 MP 0.50: Division Road Culvert 3: **No oil and/or sheen observed within containment. Turbidity reading = 10.3 NTU.**
 MP 0.74: Hillbilly Road Culvert 4: **No oil and/or sheen observed within containment. Turbidity reading = 7.43 NTU.**
 MP 1.09: 16 Mile Road Culvert 5: **No oil and/or sheen observed within containment. Turbidity reading = 7.78 NTU.**
 MP 1.28: 15 ½-Mile Road Culvert 6: **No oil and/or sheen observed within containment. Turbidity reading = 7.71 NTU.**
 MP 1.57: B4.5 Culvert 7: **No oil and/or sheen observed within containment. Turbidity reading = 7.79 NTU.**
 MP 1.77: Saylor's Property Culvert 8: **No oil and/or sheen observed within containment. Turbidity reading = 6.65 NTU.**
 MP 1.99: A Drive North Culvert 9: **No oil and/or sheen observed within containment. Turbidity reading = 6.17 NTU.**
 MP 2.02: Talmadge Creek before Confluence: **No oil and/or sheen observed within containment. Turbidity reading = 7.05 NTU.**

STANDARD DAILY INSPECTIONS:**Talmadge Creek:** (1) Control Point (CT) deployed at:

MP 2.25 (Confluence):

Kalamazoo River: Control (CT) & Containment (CTM) Points (13) deployed are:

MP 5.25 C 0.4 RDB: **No oil and/or sheen observed within containment.**
 MP 5.75 (Ceresco Dam): **Silver sheen observed intermittently along control point and in both the collection area and check point. Area of sheen is 40' x 1' = 40 sq. ft.**
 MP 8.50 L1 (8.48 LDB): **No oil and/or sheen observed within containment.**
 MP 8.50 L3 (8.48 LDB): **No oil and/or sheen observed within containment.**
 MP 8.75 R1: **No oil and/or sheen observed within containment.**
 MP 9.00 I2 (8.97I): **No oil and/or sheen observed within containment.**
 MP 10.75 L2SO:
 MP 11.75 L2 (11.79 LDB):
 MP 15.00 I1 (14.98I):
 MP 15.65 (Battle Creek Dam):
 MP 17.00 L1 (Rock Tenn):
 MP 21.50 R1:
 MP 30.8 LDB:

ADDITIONAL AREAS OF CONCERN:

MP 14.75 C5 (Boat Launch):
 MP 3.25 through MP5.75 (Ceresco Dam): **No oil and/or sheen observed.**

	<p>Total sheen in control points: 0 sq. ft. Total sheen within containment: 40 sq. ft. Total Sheen: 0 sq. ft.</p> <p><u>Helicopter Fly-Over Pictures:</u></p> <p>CBM 2 had no Situation Photo Log pictures to inspect today.</p>
<p>Health and Safety Issues</p>	<p>None</p>
<p>Comments</p>	<p>OB 9.10 LDB – A hole had been dug and left open on the overbank in almost the same locations as the previously reported one. Standing water in hole has visible oil globules floating on surface.</p>