

US EPA ARCHIVE DOCUMENT

1. Incident Name		2. Date Prepared		3. Time Prepared		UNIT LOG ICS 214			
Kalamazoo River/Enbridge Spill		05/04/2012		1430					
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: 05/04/2012 0600			
			Position: Operations Section Chief			To: 05/04/2012 1400			
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			
						Various		Various	
						(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		<u>Weston/START Containment Branch Monitoring Group (CBM) Team Activity:</u>							
		<p>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 0.00 through 13.50. (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. • 0750- 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. 							
		<u>WATER/SEDIMENT TEMPERATURE AND LEVEL READINGS:</u>							
		LOCATION		WATER TEMP		SEDIMENT TEMP		WATER LEVEL	
		MP 2.25 (C 0.0 Launch)		65.2		58.9		3.7	
		MP 5.25 (C0.4 Launch)		55.7		58.7		2.5	
		MP 10.0 (C3.2 Launch)		66.0		61.1		2.3	
		MP 15.0 (C5 Launch)							
		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		62.3		59.57			

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): **SWAT** on site cleaning along control point and in collection area. At time of observation approximately 90% of control point had been cleaned. Silver and rainbow sheen was observed along with a few $\frac{1}{16}$ " sized oil globules intermittently along the control point and in collection area not yet cleaned. Area of sheen is $1' \times 250' = 250$ sq. ft.

MP 8.50 L1 (8.48 LDB): Very slight silver and rainbow sheen observed within containment. Area of sheen is $5' \times 2' = 10$ sq. ft.

MP 8.50 L3 (8.48 LDB): Very slight silver sheen observed within containment. Area of sheen is $1' \times 20' = 20$ sq. ft.

MP 8.75 R1: Very minute streamers of silver sheen observed within containment, not enough observed to quantify.

MP 9.00 I2 (8.97I): No oil and/or sheen observed within containment.

MP 10.75 LDB: Heavy rainbow sheen and oil globules observed within containment. Sheen is located between newly placed sediment structure and containment. Sheen appears to be originating from an area where quite a lot of aeration is occurring in the southeast corner of containment. No oil and/or sheen was observed escaping containment. Area of sheen is $30' \times 10' = 300$ sq. ft.

MP 11.75 L2 (11.79 LDB): No oil and/or sheen observed within containment.

MP 14.98I:

MP 15.65 (Battle Creek Spillway):

MP 17.00 L1 (Rock Tenn):

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: Random areas of silver sheen and $\frac{1}{16}$ " sized oil globules observed intermittently on south side of the river from approximately MP 5.50 (near the old C0.5 boat launch to MP 5.55 (cove area before the peninsula. Submerged oil likely source of sheen and oil globules observed.

MP 5.90 to MP 9.50:

MP 9.50 to MP 13.75: Random streamers of silver sheen and $\frac{1}{16}$ " sized oil globules observed on south side of the river adjacent to MP 11.75 and containment along MP 11.75 LDB. Unable to locate source.

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:

	<p>MP 37.75 to MP 40.00:</p> <p>Total sheen in control points: 250 sq. ft. Total sheen within containment: 330 sq. ft. Total Sheen: 580 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