

US EPA ARCHIVE DOCUMENT

1. Incident Name		2. Date Prepared		3. Time Prepared		UNIT LOG ICS 214	
Kalamazoo River/Enbridge Spill		05/03/2012		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: 05/03/2012 0600	
			Position: Operations Section Chief			To: 05/03/2012 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 (DD.MMMM)		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> 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. <ul style="list-style-type: none"> • 0630: Meeting with EPA, START, and Enbridge contractors to discuss Containment Operations. • 0735- 1545: 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)	68.3	58.3	3.6		
		MP 5.25 (C0.4 Launch)	71.6	60.2	2.5		
		MP 10.0 (C3.2 Launch)	60.5	58.0	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	66.80	58.83			

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): Intermittent areas of silver and rainbow sheen along with $\frac{1}{32}$ "- $\frac{1}{8}$ " sized oil globules observed along control point and in collection area. Area of sheen is $1' \times 150' = 150$ sq. ft.

MP 8.50 L1 (8.48 LDB): Very minute areas of silver sheen observed within containment. Not enough sheen observed to quantity.

MP 8.50 L3 (8.48 LDB): No oil and/sheen observed within containment.

MP 8.75 R1: Very slight silver sheen observed within containment. Area of sheen is $1' \times 1' = 1$ sq. ft.

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

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.

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 randomly 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.

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:

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: 150 sq. ft.

Total sheen within containment: 1 sq. ft.

Total Sheen: 151 sq. ft.

Helicopter Fly-Over Pictures:

	CBM 2 had no Situation Photo Log pictures to inspect today.
Health and Safety Issues	None
Comments	Decrease or lack of sheen observations lately may be due to SWAT arriving at containment and control point locations and cleaning out the collection area(s) before CBM inspections are performed.