

US EPA ARCHIVE DOCUMENT

1. Incident Name		2. Date Prepared	3. Time Prepared	UNIT LOG ICS 214	
Kalamazoo River/Enbridge Spill		04/27/2012	1645		
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:	04/27/2012 0600
		Position:	Operations Section Chief	To:	04/27/2012 1630
7. Personnel Roster Assigned					
<u>Name</u>		<u>ICS Position</u>		<u>Lat</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>			
		<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 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. • 0735- 1550: 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)			
		MP 5.25 (C0.4 Launch)			
		MP 10.0 (C3.2 Launch)			
		MP 15.0 (C5 Launch)	48.2	50.5	3.1
		MP 18.75 (D2 Launch)	46.7	46.9	1.6
		MP 21.5 (D5)	44.9	47.0	5.3
		MP 27.0 (E0.5 Launch)	44.6	51.5	1.7
		MP 30.0 (E2 Launch)	51.3	50.1	0.4
		MP 35.0 (E3 Launch)	48.4	48.7	0.4
		MP 38.0 (E4 Launch)	47.3	49.9	1.5
		AVERAGE	47.34	49.23	

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. Downstream end of island still submerged.**
MP 15.65 (Battle Creek Spillway): **No oil and/or sheen observed at collection area on control point.**
MP 17.00 L1 (Rock Tenn): **Slight silver and rainbow sheen along with $\frac{1}{16}$ " to $\frac{1}{2}$ " sized oil globules observed within primary containment. Area of sheen is 10' x 10' = 100 sq. ft. SWAT performing daily sheen sweep of containment.**
MP 21.50 Oxbow: **Slight silver sheen and $\frac{1}{16}$ " sized oil globules observed within containment. Area of sheen is 1' x 10' = 10 sq. ft.**
MP 30.8 LDB: **No oil and/or sheen observed at collection area on check point.**
MP 37.75 (E4): **Slight silver sheen observed within collection area along control point. Area of sheen is 1' x 30' = 30 sq. ft.**

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:
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: **30 sq. ft.**
Total sheen within containment: **110sq. ft.**
Total Sheen: **140 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