

US EPA ARCHIVE DOCUMENT

1. Incident Name	2. Date Prepared	3. Time Prepared	UNIT LOG ICS 214	
Kalamazoo River/Enbridge Spill	04/18/2012	1745		
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:	04/18/2012 0600
	Position:	Operations Section Chief	To:	04/18/2012 1715

7. Personnel Roster Assigned		
Name	ICS Position	DUTY CELL
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>	EXTENT OF OIL IMPACTED AREA		
	DENSITY OF OIL /SHEEN		
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 10.00. (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 - 1630: 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)	51.2	47.7	3.7
	MP 5.25 (C0.4 Launch)	55.2	52.7	2.7
	MP 10.0 (C3.2 Launch)	47.7	48.6	2.5
	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	51.37	49.67		

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 2.25 (Confluence): No oil and/or sheen observed along Talmadge Creek leading to confluence or at confluence. SWAT removed a sheet piling joint that was left in the confluence area from excavation work performed.

MP 5.25 (C 0.4): SWAT cleaning out collection area on check point. No oil and/or sheen observed within containment.

MP 5.75 (Ceresco Dam): Very slight silver sheen and a few pinhead sized oil globules observed intermittently along control point. Area of sheen is 5' x 3' = 15 sq. ft. SWAT cleaning out collection area on check point. Erosion inspection group observed in the area inspecting banks.

MP 8.50 L1 (8.48 LDB): Very slight silver sheen observed within containment, too insignificant to quantify.

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

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

MP 9.00 I2 (8.97I): Very slight silver sheen along with a few pinhead sized oil globules observed within containment. Area of sheen is 1' x 1' = 1 sq. ft.

MP 10.75 LDB:
MP 11.75 L2 (11.79 LDB):
MP 14.98I:
MP 15.65 (Battle Creek Dam):
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: No oil and/or sheen observed along river section. Several kayakers and canoe's observed on the newly opened river segment.

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:

	<p>MP 35.25 to MP 37.75: MP 37.75 to MP 40.00:</p> <p>Total sheen in control points: 15 sq. ft. Total sheen within containment: 2 sq. ft. Total Sheen: 17 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>None</p>