

US EPA ARCHIVE DOCUMENT

1. Incident Name	2. Date Prepared	3. Time Prepared	UNIT LOG ICS 214	
Kalamazoo River/Enbridge Spill	05/17/2012	1630		
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:	05/17/2012 0600
	Position:	Operations Section Chief	To:	05/17/2012 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	
Greg Wagner	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

Weston/START Containment Branch Monitoring Group (CBM) Team Activity:
 Greg Wagner and Dylan Massey conducted (1) Control & Containment Point inspections at shoreline and overbank locations from Talmadge Creek and Kalamazoo River mile post 0.00 through 13.50. (2) Water & Sediment Temperature & Level Readings.

- 0630: Meeting with EPA, START, and Enbridge contractors to discuss Containment Operations.
- 0700: Weekly All-Hands IAP Briefing
- 0730: Weekly All-Hands START Meeting with MDEQ personnel
- 0800- 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.

WATER/SEDIMENT TEMPERATURE AND LEVEL READINGS:

LOCATION	WATER TEMP	SEDIMENT TEMP	WATER LEVEL
MP 2.25 (C 0.0 Launch)	68.6	62.1	3.2
MP 5.25 (C0.4 Launch)	60.9	62.5	2.0
MP 10.0 (C3.2 Launch)	62.0	63.2	1.8
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	63.83	62.60	2.33
----------------	--------------	--------------	------

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): Observed fairly large quantities of silver sheen and some rainbow sheen along the edge of and inside of the collected debris at various stretches along the inside of the boom. Globules up to ½" dia. were also observed. Area of sheen is 400' x 3' = 1200 sq. ft.

MP 8.50 L1 (8.48 LDB): Observed silver sheen inside the containment area. Area of sheen is 6' x 1' = 6 sq. ft.

MP 8.50 L3 (8.48 LDB): No sheen was observed within the containment today.

MP 8.75 R1: Observed ribbons of silver sheen within the containment. Area of sheen is 25' x 2' = 50 sq. ft.

MP 9.00 I2 (8.97I): Observed ribbons and points of silver sheen within the containment today. Area of sheen is 10' x 1' = 10 sq. ft.

MP 10.75 LDB: Small quantities of silver sheen observed within the containment today. Area of sheen is 1' x 1' = 1 sq. ft.

MP 11.75 L2 (11.79 LDB): Ribbons of silver sheen were observed within containment. Area of sheen is 40' x 2' = 80 sq. ft.

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:

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: 1200 sq. ft.

	<p>Total sheen within containment: 147 sq. ft. Total Sheen: 1347 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.