

US EPA ARCHIVE DOCUMENT

1. Incident Name	2. Date Prepared	3. Time Prepared	UNIT LOG ICS 214	
Kalamazoo River/Enbridge Spill	05/31/2012	1600		
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:	05/31/2012 0630
	Position:	Operations Section Chief	To:	05/31/2012 1500

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	
Greg Wagner	CBM Team 1	

8. Activity Log			
Activity Area		LAT	LAT
		Various (DD.MMMM)	Various (DD.MMMM)
<u>OIL OBSERVED</u>	EXTENT OF OIL IMPACTED AREA		
	DENSITY OF OIL /SHEEN		
Total Collection Points			
Total Boom Deployed			

Activity

Weston/START Containment Branch Monitoring Group (CBM) Team Activity:
 Greg Wagner and Dylan Massey (LBG) conducted (1) Control & Containment Point inspections at shoreline and overbank locations from Kalamazoo River mile post 2.25 (C0.0) through 14.00 (2) Water & Sediment Temperature & Level Readings.

- 0630: Meeting with EPA, START, and Enbridge contractors to discuss Containment Operations.
- 0700: Attended IAP meeting at the warehouse in the ICP.
- 0730- 1530: 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)	65.6	65.3	3.3
MP 5.25 (C0.4 Launch)	63.2	63.1	1.6
MP 10.0 (C3.2 Launch)	64.0	66.5	1.5
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	64.3	64.9	2.1

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): **Control Point booms intact. Observed some silver and rainbow sheen on the water surface near the control boom. Area of sheen is 300' x 1' = 300 sq. ft.**
MP 8.50 L1 (8.48 LDB): **Containment intact. Silver sheen observed. Area of sheen is 1' x 1' = 1 sq.ft.**
MP 8.50 L3 (8.48 LDB): **Containment intact. No sheen observed.**
MP 8.75 R1: **Containment intact. No sheen observed.**
MP 9.00 I2 (8.97I): **Containment intact. Observed silver sheen at this location. Area of sheen is 1' x 1' = 1 sq. ft.**
MP 10.75 LDB: **Containment intact. No sheen observed.**
MP 11.75 L2 (11.79 LDB): **Water level drops have breached the containment at this location. Breach is not yet repaired. No sheen observed.**
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: **300 sq. ft.**
Total sheen within containment: **2 sq. ft.**
Total Sheen: **302 sq. ft.**

Helicopter Fly-Over Pictures:

	No inspections resulting from overflight pictures were performed today.
Health and Safety Issues	
Comments	None.