

US EPA ARCHIVE DOCUMENT

1. Incident Name	2. Date Prepared	3. Time Prepared	UNIT LOG ICS 214	
Kalamazoo River/Enbridge Spill	06/19/2012	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:	06/19/2012 0630
	Position:	Operations Section Chief	To:	06/19/2012 1630

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 2	

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			

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 18.75 (D2) through 37.75 (E4) (2) Water & Sediment Temperature & Level Readings.

- 0630: Meeting with EPA, START, and Enbridge contractors to discuss Containment Operations.
- 0800- 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.

WATER/SEDIMENT TEMPERATURE AND LEVEL READINGS:

	LOCATION	WATER TEMP	SEDIMENT TEMP	WATER LEVEL	
Activity	MP 2.25 (C 0.0 Launch)				
	MP 5.25 (C0.4 Launch)				
	MP 10.0 (C3.2 Launch)				
	MP 15.0 (C5 Launch)				
	MP 18.75 (D2 Launch)				
	MP 21.5 (D5)	76.2	67.6	4.3	
	MP 27.0 (E0.5 Launch)	77.1	73.6	0.5	
	MP 30.0 (E2 Launch)	73.8	65.1	0.5	
	MP 35.0 (E3 Launch)	73.9	61.8	0.0	
	MP 38.0 (E4 Launch)	73.7	73.7	1.1	
		AVERAGE	74.9	68.3	1.3

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:
MP 15.65 (Battle Creek Spillway):
MP 17.00 L1 (Rock Tenn): Containment has been removed.
MP 21.50 (Oxbow): Containment has been removed.
MP 30.8 LDB: **Not inspected today by CBM-2 due to lack of boat assignment.**
MP 37.75 (E4): **Control point intact. No sheen observed in the collection point today.**

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: **0 sq. ft.**
Total sheen within containment: **0 sq. ft.**
Total Sheen: **0 sq. ft.**

Helicopter Fly-Over Pictures:

CBM-2 called to inspect sheen that was spotted on the helicopter overflight at the oxbow at MP 28.25 RDB. Sheen was observed along the right descending bank of the river on arrival. The sheen was tested using the hexane protocol and was identified as petroleum sheen. Globules were also observed. Another hexane test was performed on the sheen that was seen in the oxbow channel as well. The sheen in the oxbow channel was

	identified as biogenic on all three test parameters.
Health and Safety Issues	No issues today. Air temperature exceeded 90 degrees today with high humidity.
Comments	