1. Incident Name	2. Date Prepared	3. Time Prepared	UNIT LOG ICS 214
Kalamazoo River/Enbridge Spill	05/16/2012	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:**	05/16/2012 0600
	Position:	Operations Section Chief	**To:**	05/15/2012 1700

7. Personnel Roster Assigned

Name	ICS Position	DUTY CELL
Dan Capone	Operations Section Chief	[redacted]
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 Various** (DD.MMMM)	**LAT Various** (DD.MMMM)
OIL OBSERVED	**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 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. (3) Buoy inspections at locations between the Confluence and MP 13.50.

- 0630: Meeting with EPA, START, and Enbridge contractors to discuss Containment Operations.
- 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)	69.0	63.8	3.3
MP 5.25 (C0.4 Launch)	63.0	62.2	2.0
MP 10.0 (C3.2 Launch)	67.1	64.3	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	**66.37**	**63.43**	2.37

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 lower quantities of silver sheen (compared to yesterday) along the edge of and inside of the collected debris at various stretches along the inside of the boom. Area of sheen is 25' x 1' = 25 sq. ft.
MP 8.50 L1 (8.48 LDB): Observed small quantities of silver sheen inside the containment area. Area of sheen is 1' x 1' = 1 sq. ft.
MP 8.50 L3 (8.48 LDB): Observed small points of silver sheen within the containment. Area of sheen is 1' x 1' = 1 sq. ft.
MP 8.75 R1: Observed ribbons of silver sheen within the containment. Area of sheen is 4' x 1' = 4 sq. ft.
MP 9.00 I2 (8.97I): No sheen was observed within the containment today.
MP 10.75 LDB: Small quantities of silver sheen observed within the containment today. Area of sheen is 4' x 1' = 4 sq. ft.
MP 11.75 L2 (11.79 LDB): Silver sheen was observed within containment. Area of sheen is 20' x 1' = 20 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: 25 sq. ft.
Total sheen within containment: 30 sq. ft.
Total Sheen: 55 sq. ft.

	Helicopter Fly-Over Pictures: CBM 2 had no Situation Photo Log pictures to inspect today.
Health and Safety Issues	None
Comments	None.