1. Incident Name	2. Date Prepared	3. Time Prepared	UNIT LOG ICS 214
Kalamazoo River/Enbridge Spill	05/11/2012	1700	

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:**	05/11/2012 0600
	Position:	Operations Section Chief	**To:**	05/11/2012 1600

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	
Karen Berecz	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:

Karen Berecz 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 13.50 through 40.00. (3) Water & Sediment Temperature & Level Readings.

- 0630: Meeting with EPA, START, and Enbridge contractors to discuss Containment Operations.
- 0745- 1600: 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)	63.2	61.1	3.5
MP 5.25 (C0.4 Launch)	63.6	59.6	2.1
MP 10.0 (C3.2 Launch)	59.7	59.6	2.0
MP 15.0 (C5 Launch)	62.8	60.7	3.1
MP 18.75 (D2 Launch)	62.8	56.5	1.5
MP 21.5 (D5)	60.0	56.5	5.3
MP 27.0 (E0.5 Launch)	60.0	60.0	1.7
MP 30.0 (E2 Launch)	59.6	55.7	0.4
MP 35.0 (E3 Launch)	59.9	55.2	0.4
MP 38.0 (E4 Launch)	58.2	59.8	1.4
AVERAGE	**60.98**	**58.47**	

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: Very slight silver oil sheen and a few $^{1}/_{32}$" sized oil globules observed within containment. Area of sheen is 1' x 1' = 1 sq. ft. Did not perform sheen test due to observed sheen being out of reach.
MP 15.65 (Battle Creek Spillway): No oil globules and/or oil sheen observed within containment.
MP 17.00 L1 (Rock Tenn): Very slight silver and rainbow oil sheen and $^{1}/_{32}$" sized oil globules observed within primary containment. Area of sheen is 2' x 1' = 2 sq. ft.
MP 21.50 (Oxbow): Moderate silver oil sheen and $^{1}/_{32}$" to $^{1}/_{16}$" sized oil globules observed within containment. Area of sheen is 50' x 2' = 100 sq. ft.
MP 30.8 LDB: No oil globules and/or oil sheen observed along check point or in collection area.
MP 37.75 (E4): Moderate silver and rainbow oil sheen observed at collection area along control point. Area of sheen is 25' x 100' = 2,500 sq. ft.

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: Very random free floating oil sheen and $^{1}/_{32}$" sized oil globule observed off the RDB of MP 21.50 just before the Custer Road Bridges. Dylan Massey performs sheen test. Hexane test – negative for petroleum sheen; Jar test – no oil sheen observed, but one oil globule was observed on surface. Dylan smeared oil globule between fingers for confirmation; Stick test – not performed due to limited amount of sheen.
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: 107 sq. ft.
Total sheen within containment: 2,500 sq. ft.

	Total Sheen: 2,607 sq. ft. **Helicopter Fly-Over Pictures:** CBM 2 had no Situation Photo Log pictures to inspect today.
Health and Safety Issues	None
Comments	MP 15.30 – retrieved an anchor that was mistakenly left after removal of the control point at C6. MP 23.00 – downed trees across river channel. SWAT was notified and will send a crew to assess the situation.