

US EPA ARCHIVE DOCUMENT

1. Incident Name		2. Date Prepared	3. Time Prepared	UNIT LOG ICS 214																																																	
Kalamazoo River/Enbridge Spill		07/13/2012	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:	07/13/2012 0600																																																
		Position:	Operations Section Chief	To:	07/13/2012 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																																																			
Karen Berez		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		<p><u>Weston/START Containment Branch Monitoring Group (CBM) Team Activity:</u> Karen Berez and David Pesses 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 0.00 through 40.00. (3) Water & Sediment Temperature & Level Readings.</p> <ul style="list-style-type: none"> • 0630: Meeting with EPA, START, and Enbridge contractors to discuss Containment Operations. • 0735- 1500: START and LBG members conducted inspections. Observations and recommended actions were logged in the START CBM Team 1 log book, as well as discussed with David Pesses. David Pesses informed Enbridge contractors to make recommended actions. <p><u>WATER/SEDIMENT TEMPERATURE AND LEVEL READINGS:</u></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>LOCATION</th> <th>WATER TEMP</th> <th>SEDIMENT TEMP</th> <th>WATER LEVEL</th> </tr> </thead> <tbody> <tr><td>MP 2.25 (C 0.0 Launch)</td><td>81.82</td><td>78.82</td><td>3.1</td></tr> <tr><td>MP 5.25 (C0.4 Launch)</td><td>86.02</td><td>79.44</td><td>1.25</td></tr> <tr><td>MP 10.0 (C3.2 Launch)</td><td>78.95</td><td>77.19</td><td></td></tr> <tr><td>MP 15.0 (C5 Launch)</td><td>78.40</td><td>78.19</td><td>2.6</td></tr> <tr><td>MP 18.75 (D2 Launch)</td><td>76.69</td><td>75.40</td><td>0.6</td></tr> <tr><td>MP 21.5 (D5)</td><td>77.46</td><td>74.90</td><td>3.7</td></tr> <tr><td>MP 27.0 (E0.5 Launch)</td><td>76.56</td><td>75.06</td><td>0.0</td></tr> <tr><td>MP 30.0 (E2 Launch)</td><td>78.04</td><td>77.55</td><td>0.0</td></tr> <tr><td>MP 35.0 (E3 Launch)</td><td>73.04</td><td>68.80</td><td>0.0</td></tr> <tr><td>MP 38.0 (E4 Launch)</td><td>77.55</td><td>78.46</td><td>0.8</td></tr> <tr> <td>AVERAGE</td> <td>78.45</td> <td>76.38</td> <td></td> </tr> </tbody> </table>				LOCATION	WATER TEMP	SEDIMENT TEMP	WATER LEVEL	MP 2.25 (C 0.0 Launch)	81.82	78.82	3.1	MP 5.25 (C0.4 Launch)	86.02	79.44	1.25	MP 10.0 (C3.2 Launch)	78.95	77.19		MP 15.0 (C5 Launch)	78.40	78.19	2.6	MP 18.75 (D2 Launch)	76.69	75.40	0.6	MP 21.5 (D5)	77.46	74.90	3.7	MP 27.0 (E0.5 Launch)	76.56	75.06	0.0	MP 30.0 (E2 Launch)	78.04	77.55	0.0	MP 35.0 (E3 Launch)	73.04	68.80	0.0	MP 38.0 (E4 Launch)	77.55	78.46	0.8	AVERAGE	78.45	76.38	
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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): Slight amount of silver oil streamers and occasional oil globules observed along control point and along LDB and RDB leading to control point collection. Sheen sweep boat cleaning area long control point. Heavy amounts of organic matter still collecting along control point, but no pungent odor was in the air.

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 14.75 RDB:

MP 15.65 (Battle Creek Spillway): No oil and/or oil sheen observed at spillway from LDB.

MP 21.50 (Oxbow): Slight amount of silver oil sheen streamers and occasional oil globules observed off RDB on river from east of Custer Dr. bridge to upstream end of oxbow. Location is on sheen sweep boat daily tasking list for sheen management.

MP 37.75 (E4): Slight streamers of silver oil sheen and occasional oil globule observed in collection location on control point and along shoreline at collection area. Area of sheen is 4' x 20' = 80 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:

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: 80 sq. ft.

Total sheen within containment: 0 sq. ft.

Total Sheen: 80 sq. ft.

	<p><u>Helicopter Fly-Over Pictures:</u></p> <p>CBM 1 had no Situation Photo Log pictures to inspect today.</p>
<p>Health and Safety Issues</p>	<p>None</p>
<p>Comments</p>	<p>MP 5.60: Moderate amounts of silver oil sheen streamers and oil globules observed along former rail road trestle location and off LDB and cover area.</p> <p>MP 15.00 (Mill Ponds): Very slight amount of silver oil sheen streamers and very random oil globules observed floating from north mill pond onto river. Sheen sweep boat at location performing sheen management.</p>