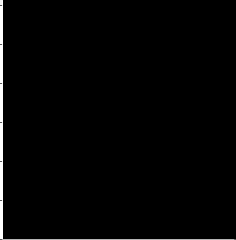


US EPA ARCHIVE DOCUMENT

1. Incident Name		2. Date Prepared		3. Time Prepared		UNIT LOG ICS 214																																																																																					
Kalamazoo River/Enbridge Spill		03/05/2012		HHMM																																																																																							
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:	03/05/2012 07:00																																																																																				
		Position:		Operations Section Chief		To:	03/05/2012 17:00																																																																																				
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 Berecz		Monitoring Group Supervisor																																																																																									
Joseph Kendall		CBM Team # 1																																																																																									
8. Activity Log																																																																																											
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<u>OIL OBSERVED</u>		EXTENT OF OIL IMPACTED AREA																																																																																									
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Total Collection Points																																																																																											
Total Boom Deployed																																																																																											
Activity		<u>Weston/START Containment Branch Monitoring Group (CBM) Team Activity:</u> Joseph Kendall 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 Kalamazoo River mile point 0.00 through 40.00. (3) Water & Sediment Temperature & Level Readings. • 0630: Meeting with EPA, START, and Enbridge contractors to discuss Containment Operations. • 0730 - 1700: START and NRG 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. <table border="1"> <thead> <tr> <th>LOCATION</th> <th>WATER TEMP</th> <th>SEDIMENT TEMP</th> <th>WATER LEVEL</th> <th>ICE THICKNESS</th> <th>ICE FORMATION</th> <th>ICE FRAZZLE</th> </tr> </thead> <tbody> <tr> <td>MP 2.25 C 0.0</td> <td>38.1</td> <td>41.5</td> <td>4.0</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>MP 5.25 C 0.4</td> <td>38.7</td> <td>40.1</td> <td>3.1</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>MP 10.00 C 3.2</td> <td>37.8</td> <td>40.3</td> <td>2.9</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>MP 15.00 C 5</td> <td>36.8</td> <td>39.8</td> <td>3.9</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>MP 15.6 Culverts</td> <td>N/A</td> <td>N/A</td> <td>N/A</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>MP 18.75 D 2</td> <td>34.4</td> <td>37.5</td> <td>3.8</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>MP 21.50 D 5</td> <td>34.7</td> <td>37.4</td> <td>8.0</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>MP 27.00 E 0.5</td> <td colspan="3">Under Water – No Access</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>MP 30.00 E 2</td> <td>35.0</td> <td>37.3</td> <td>3.3</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>MP 35.00 E 3</td> <td>35.9</td> <td>43.6</td> <td>2.0</td> <td>-</td> <td>-</td> <td>-</td> </tr> <tr> <td>MP 38.00 E 4</td> <td>34.6</td> <td>37.7</td> <td>1.6</td> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>						LOCATION	WATER TEMP	SEDIMENT TEMP	WATER LEVEL	ICE THICKNESS	ICE FORMATION	ICE FRAZZLE	MP 2.25 C 0.0	38.1	41.5	4.0	-	-	-	MP 5.25 C 0.4	38.7	40.1	3.1	-	-	-	MP 10.00 C 3.2	37.8	40.3	2.9	-	-	-	MP 15.00 C 5	36.8	39.8	3.9	-	-	-	MP 15.6 Culverts	N/A	N/A	N/A	-	-	-	MP 18.75 D 2	34.4	37.5	3.8	-	-	-	MP 21.50 D 5	34.7	37.4	8.0	-	-	-	MP 27.00 E 0.5	Under Water – No Access			-	-	-	MP 30.00 E 2	35.0	37.3	3.3	-	-	-	MP 35.00 E 3	35.9	43.6	2.0	-	-	-	MP 38.00 E 4	34.6	37.7	1.6	-	-	-
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	<u>Talmadge Creek:</u> Work Temporary (WT), Control (CT), & Containment (CTM) Points (1) deployed are: MP2.25 Confluence: CT Area of Sheen is 0' x 0' = 0 sq. ft. HARD-BOOM modified for installation of Sheet-Piling along shoreline areas. <u>Kalamazoo River:</u> Control (CT) & Containment (CTM) Points (10) deployed are: MP5.25 C 0.4 RDB: CTM Area of Sheen is 0' x 0' = 0 sq. ft. Visible Organic Sheen Only in Hard-Boom. MP8.50 L1 (8.48 LDB) CTM Area of Sheen is 0' x 0' = 0 sq. ft. MP8.50 L3 (8.48 LDB) CTM Area of Sheen is 0' x 0' = 0 sq. ft. MP8.75 R1 CTM Area of Sheen is 0' x 0' = 0 sq. ft. MP9.00 I2 (8.97 I) CTM Area of Sheen is 0' x 0' = 0 sq. ft. Scraping Site is under water. MP10.75 L2 SO CTM Area of Sheen is 0' x 0' = 0 sq. ft. MP11.75 L2 (11.79 LDB) CTM Area of Sheen is 0' x 0' = 0 sq. ft. MP15.00 I1 (14.98 I) CTM Area of Sheen is 0' x 0' = 0 sq. ft. Under Water. MP17.00 L1 (Rock Tenn) CTM Area of Sheen is 0' x 0' = 0 sq. ft. MP21.50 R1 CTM No Visible Sheen. Hard-Boom is not attached at either end due to water rising over 12-inches in the last 3 days. Area of Sheen is 0' x 0' = 0 sq. ft. <u>Helicopter Fly-Over Pictures:</u> Sheen Locations: NONE Total sheen in control points: 0 sq. ft. Total sheen within containment: 0 sq. ft. Total Sheen: 0 sq. ft.
Health and Safety Issues	NOTE: Changing River Levels along with Snow, & Ice Causing Dangerous Conditions. Operations were conducted but at a slow rate.
Comments	NONE