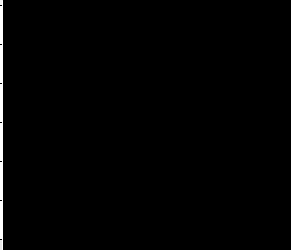


US EPA ARCHIVE DOCUMENT

1. Incident Name		2. Date Prepared		3. Time Prepared		UNIT LOG ICS 214																																																																																					
Kalamazoo River/Enbridge Spill		03/23/2012		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:	03/23/2012 07:00																																																																																				
		Position:		Operations Section Chief		To:	03/23/2012 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																																																																																											
Activity Area						LAT	LAT																																																																																				
						Various	Various																																																																																				
						(DD.MMMM)	(DD.MMMM)																																																																																				
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		DENSITY OF OIL /SHEEN																																																																																									
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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>63.8</td><td>55.0</td><td>3.6</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>MP 5.25 C 0.4</td><td>64.4</td><td>59.5</td><td>2.4</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>MP 10.00 C 3.2</td><td>64.3</td><td>61.4</td><td>2.1</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>MP 15.00 C 5</td><td>63.9</td><td>59.5</td><td>3.45</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>64.1</td><td>62.0</td><td>1.85</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>MP 21.50 D 5</td><td>64.3</td><td>57.6</td><td>5.6</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>MP 27.00 E 0.5</td><td>62.8</td><td>58.8</td><td>2.3</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>MP 30.00 E 2</td><td>65.0</td><td>56.3</td><td>0.8</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>MP 35.00 E 3</td><td>64.1</td><td>56.7</td><td>0.65</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>MP 38.00 E 4</td><td>64.0</td><td>64.9</td><td>1.4</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	63.8	55.0	3.6	-	-	-	MP 5.25 C 0.4	64.4	59.5	2.4	-	-	-	MP 10.00 C 3.2	64.3	61.4	2.1	-	-	-	MP 15.00 C 5	63.9	59.5	3.45	-	-	-	MP 15.6 Culverts	N/A	N/A	N/A	-	-	-	MP 18.75 D 2	64.1	62.0	1.85	-	-	-	MP 21.50 D 5	64.3	57.6	5.6	-	-	-	MP 27.00 E 0.5	62.8	58.8	2.3	-	-	-	MP 30.00 E 2	65.0	56.3	0.8	-	-	-	MP 35.00 E 3	64.1	56.7	0.65	-	-	-	MP 38.00 E 4	64.0	64.9	1.4	-	-	-
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AFTER RAIN EVENT INSPECTION: Completed Today. Visible Slight Sediment.**Talmadge Creek:** (7) Pom-Poms deployed at:

MP 0.0: Source Culvert 1: Intact and look good.
 MP 0.25: Between Source & Division Road Culvert 2: Intact and looks good.
 MP 0.5: Division Road Culvert 3: Intact and looks good.
 MP 0.75: Hillbilly Road Culvert 4: **Should be replaced, thin film of Black Algae.**
 MP 1.25: 15 ½-Mile Road Culvert 5: Intact and looks good.
 MP 1.5: B4.5 Culvert 6: Intact and looks good.
 MP 2.25: Culvert 7: Intact and looks good.

STANDARD DAILY INSPECTIONS:**Talmadge Creek:** (1) Control Point (CT) deployed at:MP2.25 Confluence: CT Area of Sheen is 0' x 0' = 0 sq. ft. **Request All Hard-Boom's be Removed.****Kalamazoo River:** 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 Tar Balls & Oil Related Sheen.**
NEW: MP5.75 (Ceresco Dam) CT Area of Sheen is 0' x 0' = 0' sq. ft.
Visible Tar Balls & Oil Related Sheen.
 MP8.50 L1 (8.48 LDB) CTM Area of Sheen is 0' x 0' = 0 sq. ft. **Visible Tar Balls & Oil Related Sheen.**
 MP8.50 L3 (8.48 LDB) CTM Area of Sheen is 0' x 0' = 0 sq. ft. **Visible Tar Balls & Oil Related Sheen.**
 MP8.75 R1 CTM Area of Sheen is 0' x 0' = 0 sq. ft. **Visible Tar Balls & Oil Related Sheen.**
 MP9.00 I2 (8.97 I) CTM Area of Sheen is 0' x 0' = 0 sq. ft. **Visible Tar Balls & Oil Related Sheen.**
 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.**
NEW: MP15.65 (Waterfall) CT **Being Installed.**
 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 Looks Good.** Area of Sheen is 0' x 0' = 0 sq. ft.

ADDITIONAL AREAS OF CONCERN:

MP14.75 C5 (Boat Launch) **Visible Tar Balls & Oil Related Sheen.**
 MP3.25 through MP5.75 (Ceresco Dam) **Visible Tar Balls & Oil Related Sheen. Submerged Oil Issue.**

Helicopter Fly-Over Pictures: 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**

NONE

Comments

Rain most of the day.