

US EPA ARCHIVE DOCUMENT

1. Incident Name	2. Date Prepared	3. Time Prepared	UNIT LOG ICS 214																																					
Kalamazoo River/Enbridge Spill	4/30/2012	1700																																						
4. Unit Name/Designators	5. Unit Leader		6. Operational Period :																																					
Containment Branch Monitoring Team 3	Name:	Dan Capone & Joe Victory (START/US EPA)	From:	4/30/2012 0800																																				
	Position:	Operations Section Chief	To:	4/30/2012 1620																																				
7. Personnel Roster Assigned																																								
Name	ICS Position		LL																																					
Dan Capone	Operations Section Chief																																							
Joe Victory	Operations Section Chief																																							
Rex Johnson	Containment Branch Director																																							
Dan Zahner	Field Team Lead																																							
Sean Kane	CBM-3																																							
Christopher Lantinga	River Reopening Director																																							
8. Activity Log																																								
Activity Area	Division E (Morrow Lake Delta)		LAT Various (DD.MMMM)	LAT 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 CBM 3 Team Activity:</u> Enbridge contracting representative Tetra Tech performed poling activities within the Morrow Lake delta, observations included: 10 locations with light sheen and few oil globules (Light), 3 locations with moderate sheen and moderate oil globules (Moderate), 2 locations with heavy sheen and many oil globules (Heavy), 2 location with light sheen and no oil globules (Light), 1 location with moderate sheen and common oil globules (Moderate) and 5 locations with no oil or sheen (None) *temperatures were documented within the sediment, immediately above the sediment, at the surface/water interface and ambient air temperature at every poling location. The following are the results from the 23 poling locations performed today.</p> <table border="1"> <thead> <tr> <th>LOC. ID</th> <th>WATER DEPTH (ft)</th> <th>SOFT PUSH (ft)</th> <th>HARD PUSH (ft)</th> <th>SEDIMENT/ ABOVE SED/ SURFACE/ AIR (°F)</th> <th>SEDIMENT TYPE/ and OIL OBSERVATION</th> </tr> </thead> <tbody> <tr> <td>D-30</td> <td>2.9</td> <td>3.8</td> <td>3.9</td> <td>54.1/54.4/54.4/ 51.8</td> <td>Soft/Moderate,Moderate, Few</td> </tr> <tr> <td>D-29</td> <td>1.3</td> <td>3.0</td> <td>3.6</td> <td>56.1/53.0/52.4/ 54.5</td> <td>Soft/Moderate,Moderate, Few</td> </tr> <tr> <td>D-28</td> <td>2.7</td> <td>2.8</td> <td>2.8</td> <td>56.8/56.6/56.1/ 53.3</td> <td>Silt/Sand/Light,Light, Few</td> </tr> <tr> <td>D-26</td> <td>1.4</td> <td>2.0</td> <td>2.1</td> <td>56.7/56.8/54.3</td> <td>Soft/Mod,Mod,Few</td> </tr> <tr> <td>D-19</td> <td>2.0</td> <td>2.8</td> <td>2.8</td> <td>58.5/58.8/58.2/ 57.0</td> <td>Silt&Sand/Light,Light,Few</td> </tr> </tbody> </table>				LOC. ID	WATER DEPTH (ft)	SOFT PUSH (ft)	HARD PUSH (ft)	SEDIMENT/ ABOVE SED/ SURFACE/ AIR (°F)	SEDIMENT TYPE/ and OIL OBSERVATION	D-30	2.9	3.8	3.9	54.1/54.4/54.4/ 51.8	Soft/Moderate,Moderate, Few	D-29	1.3	3.0	3.6	56.1/53.0/52.4/ 54.5	Soft/Moderate,Moderate, Few	D-28	2.7	2.8	2.8	56.8/56.6/56.1/ 53.3	Silt/Sand/Light,Light, Few	D-26	1.4	2.0	2.1	56.7/56.8/54.3	Soft/Mod,Mod,Few	D-19	2.0	2.8	2.8	58.5/58.8/58.2/ 57.0	Silt&Sand/Light,Light,Few
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D-14	1.4	2.5	2.7	61.8/62.3/62.6/61.5	Soft/Heavy,Heavy,Many
D-16	1.3	2.4	2.5	59.8/60.9/60.9/70+	Soft/Heavy,Heavy,Many
D-12	0.8"	0.8"	0.9"	67.0/68.6/68.6/70+	Sand/Light,Light,Few
D-10	2.4	3.3	3.6	68.9/70+/70+/70+	Silt&Sand/Light,Light,Few
D-08	3.0	4.4	4.8	73.3/74.5/74.5/73.6	Soft/Light,Light,Few
D-06	1.6	2.6	3.3	70.9/71.6/70.2/70+	Sand/Light,Light,None
D-04	1.6	2.0	3.3	71.3/71.6/70.2/70+	Soft/Light,Light,Few
D-13	3.7	3.7	4.0	57.2/58.7/58.8/60.0	Sand&Silt/No Oil or sheen
D-09	1.9	2.5	2.7	56.7/58.1/58.3/58.9	Soft with 25% vegetation/Light,Light,Few
D-07	2.4	3.5	3.6	56.7/58.0/58.1/59.6	Silt&Sand/Light,Light, None
D-05	2.7	3.0	3.1	59.0/59.0/59.0/59.5	Sand/No Oil or Sheen
D-03	1.9	2.6	2.9	57.2/58.4/58.5/60.2	Silt&Sand/Light,Light,Few
D-02	2.2	3.0	3.9	56.3/58.1/58.2/59.7	Sand over Silt/Moderate,Common, Moderate
D-01	7.0	7.0	7.0	57.6/57.6/57.6/60.8	Sand&Gravel/No oil or Sheen
D-18	2.0	2.1	2.2	56.6/57.7/58.2/59.7	Sand/No oil or sheen
D-23	1.1	1.1	1.1	56.8/57.1/57.7/60.7	Sand/No oil or sheen
D-25	1.1	1.1	1.3	56.9/58.0/58.0/60.6	Sand&Silt/Light,Light,Few
D-34	1.2	2.0	2.3	57.4/58.8/59.2/57.4	Sand&Silt/Light,Light,Few

Health and Safety Issues

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Comments

0845 Hours – Weather Conditions: 44F, Cloudy, Winds SSE 3mph, gusts E 11mph
 *Note – Temperature reading instrument remains the Omega HH509 (same unit as last week) and ambient air readings at many poling locations were reading 70 plus degrees, while actual temperatures reached a high of approximately 60 degrees. Validity of sediment temperatures remain compromised with this unit.

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