

US EPA ARCHIVE DOCUMENT

N01. Incident Name		2. Date Prepared		3. Time Prepared		UNIT LOG ICS 214	
Kalamazoo River/Enbridge Spill		02/18/2013		1815			
4. Unit Name/Designators		5. Unit Leader		6. Operational Period :			
CBR Team #1		Name:	Dan Capone & Chris Lantinga (START/US EPA)		From:	02/18/2013 0700	
		Position:	Operations Section Chief		To:	02/18/2013 1800	
7. Personnel Roster Assigned							
Name		ICS Position		DUTY CELL			
Dan Capone		Operations Section Chief					
Chris Lantinga		Operations Section Chief					
Paul Moisan		CBR01					
8. Activity Log							
Activity Area		Morrow Lake and Kalamazoo River (Battle Creek)		LAT		LAT	
				Various		Various	
				(DD.MMMM)		(DD.MMMM)	
<u>OIL OBSERVED</u>		<u>EXTENT OF OIL IMPACTED AREA</u>		NA			
		<u>DENSITY OF OIL /SHEEN</u>		NA			
<u>Total Collection Points</u>		NA					
<u>Total Boom Deployed</u>		NA					
Activity		<b>START CBR Team 1 Activity:</b>					
		<p>Paul Moisan (START) accompanied Reed Rector (LBG) and Kenny Decker (SWAT) to check on the CSD sampling boxes. It was noted by Reed Rector that we were only out there to check on CSD boxes that were moved or damaged due to icing conditions. Here is a summary of each location checked:</p> <ul style="list-style-type: none"> <li>CSKR 28.25 C01 – Box was completely upside-down and the jars were facing the bottom of the channel. Although there was sediment in the jars, there wasn't enough (10 mm) to collect a sample.</li> <li>CSKR 28.25 C02 – Inaccessible and unknown which was box was oriented</li> <li>CSKR 28.25 C03 – Inaccessible and unknown which was box was oriented</li> <li>CSKR 26.00 C03 – Box was on bank, in correct location and oriented correctly. The top of the box was 0.5 feet above the water surface.</li> <li>CSKR 26.00 C02 – Box was noted to be in the correct location and oriented correctly. The top of the box at this location was 1.4 feet below the surface of the water.</li> <li>CSKR 26.00 C01 – In ice, in the correct location, and oriented correctly.</li> <li>CSKR 26.00 C05 and CSKR 26.00 C04 could not be found.</li> <li>CSKR 21.50 C01 – this location had shifted (75 – 100 feet downstream), and the box was on side facing downstream. The box is 1.9feet below surface. The orientation and location of this box was corrected and a sediment sample was collected. The sediment in this sample was (LDB – 92 mm; RDB – 95 mm). After the box at this location was moved to its correct location, it was measured and found to be 2.2 feet below the surface of the water.</li> <li>CSKR 21.50 C02 – Sediment collected from box and replaced with clean jars. The depth to the top of this box was 2.5 feet from the surface of the water. The sediment in this sample was (LDB – 105 mm; RDB 110 mm). The depth from the surface of the water to the box was measured at 2.5 feet.</li> <li>CSKR 21.50 C03 – Although this box had moved downstream approximately 20 feet from its original location, the box was upright and sediment was collected and clean jars were replaced. The depth from the surface of</li> </ul>					

	<p>the water to the box was measured at 2.1 feet. The sediment in this sample was (LDB – 107 mm; RDB 155 mm).</p> <ul style="list-style-type: none"> <li>• CSKR 33.00B C05 – This box was downstream (about 200 feet) from its correct location. The depth of the box at the location found was measured at 4.0 feet. Although it was too deep to identify the orientation of the box, it appeared to be upright once retrieved. The sediment in this sample was measured (LDB – 77 mm; RDB – 90 mm).</li> <li>• CSKR 33.00B C04 – This box was in its correct location and oriented correctly. The water was measured at 3.6 feet below the surface of the water to the top of the box.</li> <li>• CSKR 33.00B C03 – This box was in its correct location and oriented correctly. The water was measured at 1.8 feet below the surface of the water to the top of the box.</li> <li>• CSKR 33.00B C02 – This box was in its correct location and oriented correctly. This location was accessed by bank and water measurement was not taken.</li> <li>• CSKR 33.00B C01 – This box was in its correct location and oriented correctly, however, the entire box was encapsulated in ice.</li> <li>• CSKR 33.00A C05 - This box was in its correct location and oriented correctly. The water was measured at 1.8 feet below the surface of the water to the top of the box.</li> <li>• CSKR 33.00A C04 - This box was in its correct location and oriented correctly. The water was measured at 1.5 feet below the surface of the water to the top of the box.</li> <li>• CSKR 33.00A C03 - This box was in its correct location and oriented correctly. The water was measured at 1.5 feet below the surface of the water to the top of the box.</li> <li>• CSKR 33.00A C02 – This location was completely blocked by ice.</li> <li>• CSKR 33.00A C01 - This box was in its correct location and oriented correctly. The water was measured at 1.5 feet below the surface of the water to the top of the box.</li> <li>• CSKR 30.80 C05 – This box was in its correct location and oriented correctly. The buoy at this location had been shot and sank, therefore a new buoy was attached.</li> <li>• CSKR 30.80 C04 – This box was in its correct location and oriented correctly. The buoy at this location had been shot and sank, therefore a new buoy was attached.</li> <li>• CSKR 30.80 C02 and CSKR 30.80 C01 could not be located and were assumed to be under the ice.</li> <li>• CSKR 30.80 C03 was iced in completely.</li> <li>• CSKR 11.79 C01, CSKR 11.79 C02, and CSKR 11.79 C03, were all surrounded by ice. At CSKR 11.79 C01, the LDB jar was broken (all pieces were in box and collected) and replaced with a clean jar.</li> </ul> <p>A can buoy from MP 28.25 was found at MP 28.50, retrieved and replaced at MP 28.25.</p>
<b>Health and Safety Issues</b>	
<b>Comments</b>	