

US EPA ARCHIVE DOCUMENT

1. Incident Name		2. Date Prepared		3. Time Prepared		UNIT LOG ICS 214				
Kalamazoo River/Enbridge Spill		12/15/2012		1520						
4. Unit Name/Designators			5. Unit Leader			6. Operational Period :				
CBR Team #1			Name: Dan Capone & Chris Lantinga (START/US EPA)			From: 12/15/2012 07:00				
			Position: Operations Section Chief			To: 12/15/2012 1520				
7. Personnel Roster Assigned										
<u>Name</u>			ICS Position			DUTY CELL				
Dan Capone			Operations Section Chief							
Chris Lantinga			Operations Section Chief							
Dan Zahner			Field Team Lead							
Marc Wahrer			CBR #1							
8. Activity Log										
Activity Area		Bathymetry measurements at MP-37.75					LAT		LAT	
							Various		Various	
							(DD.MMMM)		(DD.MMMM)	
<u>OIL OBSERVED</u>		EXTENT OF OIL IMPACTED AREA			NA					
		DENSITY OF OIL /SHEEN			NA					
Total Collection Points		NA								
Total Boom Deployed		NA								
Activity		<p><u>START CBR Team 1 Activity:</u></p> <p>START CBR 1 conducted oversight documentation of Enbridge Team of Luke Hodges (Team Lead) and Matt Hanson (Superior). The base station was set up at bench mark CP 1018 for work on transects F and G at MP 37.75 sediment trap. The back shots and QC back shots were taken at bench mark CP 1019 and 1013A. The delta V for the back shots and QC back shots were below 0.02.</p> <p>Team took river flow readings, water depth and bathymetry readings along transects F and G at MP 37.75. Points are taken every four feet along transects. Team collects between 5 and 8 water flow readings along each transect if water depth was deep enough. Team used the Trimble S6 base station (Robot), Trimble SPC3 hand held data logger, YUMA, global water probe model FP211 for velocity flow, metal prism rod with 8" metal disk on the bottom for water depth and to survey each point.</p> <p>Summary Transect F (MP 37.75)</p> <p>They collected bathymetry measurements at 28 points along transect F. Team took one river flow readings for this transect. Orientation of data collection was east to west.</p>								

	<p>Summary Transect G (MP 37.75)</p> <p>They collected bathymetry measurements at 26 points along transect F. Team took one river flow readings for this transect. Orientation of data collection was east to west.</p> <p>Weather: Morning 35 degrees, overcast, light winds. Afternoon 42 degrees, rain, 10 mph South winds.</p>
<p>Health and Safety Issues</p>	
<p>Comments</p>	<p>Notes for this 214 are in Log Book CBR-1</p>