

US EPA ARCHIVE DOCUMENT

1. Incident Name		2. Date Prepared		3. Time Prepared		UNIT LOG ICS 214				
Kalamazoo River/Enbridge Spill		11/17/2012		18:10						
4. Unit Name/Designators			5. Unit Leader			6. Operational Period :				
CBR Team #1			Name: Dan Capone & Chris Lantinga (START/US EPA)			From: 11/17/2012 07:00				
			Position: Operations Section Chief			To: 11/17/2012 18:10				
7. Personnel Roster Assigned										
<u>Name</u>			<u>ICS Position</u>			<u>DUTY CELL</u>				
Dan Capone			Operations Section Chief							
Chris Lantinga			Operations Section Chief							
Dan Zahner			Field Team Lead							
Marc Wahrer			CBR #1							
8. Activity Log										
Activity Area		Delta Hard Boom F2, E1 and E2					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 2 Activity:</u></p> <p>START CBR 1 conducted oversight documentation of Enbridge Team of Eric Celebrezze (Team Lead, Trimble SPC3 Operator and Data Logger) and Luke Hodges (took measurements). Set up base station CP1007 and a back shot was taken from CP1006. They also created a new temporary bench mark CP1009 on the same side as CCP1007 to be able to get the data in the northwest corner of E2 boom.</p> <p>Team took river flow readings, water depth and bathymetry readings at F2, E1, and E2 boom. Every fifty feet sample points are collected at the hard boom and 5', 10', 15' and 20' away from the boom on the upstream and downstream sides parallel to river flow. Additional survey points were taken on the upstream side at each two locations along the hard boom (E1 and E2) with half curtain. This consisted of survey point at surface of water, top of half curtain with depth recorded and bottom of half curtain with depth recorded.</p> <p>Team used the Trimble S6 base station (Robot), Trimble SPC3 hand held data logger, global water probe model FP211 for velocity flow and metal prism rod with 8" metal disk on the bottom for water depth and to survey each point. The stadium rod with prism was</p>								

	<p>not used by Enbridge sample team today which also had an 8" diameter metal disk attached to the bottom.</p> <p>The team also removed and replaced the CSDs 5, 6, 7, 8, 9 and 10 Delta Z in order for the curtain removal to take place.</p> <p>Summary Delta Hard Boom F2</p> <p>They collected bathymetry measurements along hard boom F2. Team had five readings downstream and five readings upstream at each of the locations. Total of 60 points were collected today.</p> <p>Summary Delta Hard Boom E2</p> <p>They collected bathymetry measurements along hard boom E2. Team had five readings downstream and five readings upstream at each of the locations. Total of 80 points were collected today.</p> <p>Additional survey point was collected at 1 location on the upstream side of the boom. Survey point at surface of water, top of half curtain with depth recorded and bottom of half curtain with depth recorded.</p> <p>Summary Delta Hard Boom E1</p> <p>Additional survey point was collected at 1 location on the upstream side of the boom. Survey point at surface of water, top of half curtain with depth recorded and bottom of half curtain with depth recorded.</p> <p>Weather: Morning 25 degrees, cloudy and slight wind. Afternoon 53 degrees, cloudy and slight wind.</p>
<p>Health and Safety Issues</p>	
<p>Comments</p>	