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1. Incident Name	2. Date Prepared	3. Time Prepared	UNIT LOG ICS 214
Kalamazoo River/Enbridge Spill	11/20/2012	12:15	

4. Unit Name/Designators	5. Unit Leader		6. Operational Period :	
CBR Team #1	**Name:**	Dan Capone & Chris Lantinga (START/US EPA)	**From:**	11/20/2012 07:00
	Position:	Operations Section Chief	**To:**	11/20/2012 12:15

7. Personnel Roster Assigned

Name	ICS Position	DUTY CELL
Dan Capone	Operations Section Chief	[redacted]
Chris Lantinga	Operations Section Chief	
Dan Zahner	Field Team Lead	
Marc Wahrer	CBR #1	

8. Activity Log

Activity Area	**Delta Hard Boom A, B and D**		**LAT Various** (DD.MMMM)	**LAT Various** (DD.MMMM)
OIL OBSERVED	**EXTENT OF OIL IMPACTED AREA**	NA		
	DENSITY OF OIL /SHEEN	NA		
Total Collection Points	**NA**			
Total Boom Deployed	**NA**			

Activity

START CBR Team 1 Activity:

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 CP1004 and a back shot was taken from BS-02 for completing Boom C1. Moved base station to CP1007 and a back shot was taken from CP1006 for completing Boom E2 and F1.

Team took river flow readings, water depth and bathymetry readings at C1, E2 and F1 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. They were also requested to collect a water level elevation at each of the 50 foot locations.

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 also used by Enbridge sample team today which also had an 8" diameter metal disk attached to the bottom.

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	Summary Delta Hard Boom C1 They collected bathymetry measurements along hard boom C1. Team had five readings downstream and five readings upstream at each of the locations and a water level elevation from the upstream side of the boom. Eric said they had to reshoot these locations due to the ones collected yesterday being off location when they plotted them. Total of 33 points were collected today. **Summary Delta Hard Boom E2** They collected bathymetry measurements at one buckle location of hard boom E2. Eric said they had to reshoot this location because the team yesterday had changed the rod height and forgot to change it when they collected the measurements. Team had five readings downstream and five readings upstream at each of the locations and a water level elevation from the upstream side of the boom. Total of 11 points were collected today. **Summary Delta Hard Boom F1** They collected bathymetry measurements along hard boom F1. Team had five readings downstream and five readings upstream at each of the locations and a water level elevation from the upstream side of the boom. Total of 33 points were collected today. Weather: Morning 45 degrees, overcast and no wind, on and off rain.
Health and Safety Issues	
Comments	

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