1. Incident Name	2. Date Prepared	3. Time Prepared	UNIT LOG ICS 214
Kalamazoo River/Enbridge Spill	12/17/2012	1755	

4. Unit Name/Designators	5. Unit Leader		6. Operational Period :	
CBR Team #1	**Name:**	Dan Capone & Chris Lantinga (START/US EPA)	**From:**	12/17/2012 07:00
	Position:	Operations Section Chief	**To:**	12/17/2012 1755

7. Personnel Roster Assigned

Name	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 E4 Boom 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 Ted Reckers (Team Lead) and Chad Kohdl (Superior). They had many issues in the morning due to the Trimble unit not being properly setup. It took nearly all the morning and a portion of the afternoon to get things setup and running. Once we got up and running things went smoothly. The base station was set up at bench mark CP Temp 1 for work on Boom D. The back shots and QC back shots were taken at bench mark CP Temp 2 and CP Temp 3. The delta V for the back shots and QC back shots were below 0.02.

The team took river flow readings, water depth and bathymetry readings at Boom D. They had to go back to previously collected bathymetry point (within 6 inches) and recollect data. The team collected a water level and flow reading at 1 location along each transect along the Boom.

The 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.

	Summary Boom D They collected bathymetry measurements at 20 points (two transects) along Boom D. The team took one river flow reading and a water elevation along each transect along the boom. . Weather: 40 degrees, overcast, light winds.
Health and Safety Issues	
Comments	Notes for this 214 are in Log Book CBR-1