1. Incident Name	2. Date Prepared	3. Time Prepared	UNIT LOG ICS 214
Kalamazoo River/Enbridge Spill	07/27/2012	1825	

4. Unit Name/Designators	5. Unit Leader		6. Operational Period :	
Operations Unit/Submerged Oil Branch, Science Group	**Name:**	Dan Capone & Joe Victory (START/US EPA)	**From:**	07/27/2012 0700
	Position:	Operations Section Chief	**To:**	07/27/2012 1825

7. Personnel Roster Assigned

Name	ICS Position	DUTY CELL
Dan Capone	Operations Section Chief	[redacted]
Joe Victory	Operations Section Chief	
Rex Johnson	Director	
Dan Zahner	Field Team Lead	
Andrew Castor	SOS-5	

8. Activity Log

Activity Area	Oversee core logging and sampling for the Quantification activities	**LAT Various** (DD.MMMM)	**LAT Various** (DD.MMMM)

OIL OBSERVED	**EXTENT OF OIL IMPACTED AREA**	
	DENSITY OF OIL /SHEEN	
Total Collection Points		
Total Boom Deployed		

Activity

Weston/START Submerged Oil Branch Science Group (SOS) Team Activity:

Quantification

SOS-5 (Andrew Castor) oversaw core logging and sampling at the wildlife center building logging station at C3.2 boat launch area. Eight cores were logged and sampled today. Enbridge Logging and Sampling team consisted of Ralph Freed (AECOM, core logger) and Brad Parlato (LBG, sampler).

- **SEKR3075C701 (Stratified-122)**: No oil sheen or oil observed under visible or UV light. No oil odor observed. Seven sediment samples were collected.
- **SEKR2150C702 (Stratified-222)**: No oil sheen or oil observed under visible or UV light. No oil odor observed. Five sediment samples were collected.
- **SEKR2150C703 (Stratified-242):** Pinhead-sized oil globules were observed from 0'-0.5'of the sediment core when viewed under UV light. One oil globule (1/16") was collected from 0.5' bgs of core 2 for fingerprinting analysis. Five sediment samples were collected.
- **SEKR2150C704 (Stratified-243)**: Two pinhead-sized oil globules were observed at 0.4'of the sediment core when viewed under UV light. Three oil globules (1/16") were collected from 0.1'-0.3' bgs of core 2 for fingerprinting analysis. Nine sediment samples were collected. One sample collected for bulk density analysis.

	• **SEKR3800C707 (Stratified-661)**: One pinhead-sized oil globule (1/16") was observed at 0.3'of the sediment core when viewed under UV light. No oil globules were found and thus none were collected from core 2 for fingerprinting analysis. Eight sediment samples were collected. • **SEKR3800C709 (Stratified-663)**: No oil sheen or oil observed under visible or UV light. No oil odor observed. Six sediment samples were collected. • **SEKR2175C701 (Stratified-123)**: Two pinhead-sized oil globules (1/16") were observed from 0.2'-0.5'of the sediment core when viewed under UV light. Five oil globules (1/16") were collected from 0.0'-0.3' bgs of core 2 for fingerprinting analysis. Eleven sediment samples were collected. • **SEKR3775C701 (Stratified-183)**: Several pinhead-sized oil globules (1/16") were observed from 0.0'-0.6'of the sediment core when viewed under UV light. Seven oil globules (1/16") were collected from 0.0'-0.3' bgs of core 2 for fingerprinting analysis. Ten sediment samples were collected.
Health and Safety Issues	None
Comments	Information for this 214 is in Logbook SOS-5