

US EPA ARCHIVE DOCUMENT

1. Incident Name	2. Date Prepared	3. Time Prepared	UNIT LOG ICS 214	
Kalamazoo River/Enbridge Spill	07/24/2012	19:05		
4. Unit Name/Designators	5. Unit Leader		6. Operational Period :	
SOTF Team #1	Name:	Dan Capone & Joe Victory (START/US EPA)	From:	07/24/2012 0700
	Position:	Operations Section Chief	To:	07/24/2012 1817
7. Personnel Roster Assigned				
Name		ICS Position		DUTY CELL
Dan Capone		Operations Section Chief		
Joe Victory		Operations Section Chief		
Dan Zahner		Field Team Lead		
Michael Thierry		SOS #3		
8. Activity Log				
Activity Area	Kalamazoo River MP 10.5 to 12.00, 18.75 to 20.00 and 36.5 to 37.5.		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 SOS Team #3 Activity:</u></p> <p>START SOS 3 conducted oversight documentation of Enbridge Team with Reed Rector (Team Lead) and Eric Celebrezze (YUMA Operator). Enbridge team conducted poling, sediment core sampling Secchi disk measurements and water / sediment temperature reading at each sampling point from MP 10.5 to 12.00, MP 18.75 to 20.00 and 36.5 to 37.5. Two sediment cores are collected from each location. A third sample is collected from 50% of the locations for sediment density testing. Three sample locations from anthropogenic channel, four from backwater and one from depositional bar. The three anthropogenic channel samples were from areas with no sheen, three from backwater were from heavy locations and one from moderate and one from depositional bar was from heavy location. Three locations could not be poled due to any surface water (See Locations below).</p> <p><u>Location 1: MP 19.00</u> Stratified-061, Anthropogenic Channel (None) Sample SEKR-19.00C-701A, Push – 2.3’, Recovery 1.8’ Sample SEKR-19.00C-701B, Push– 2.5’, Recovery 1.8’</p>			

Sample SEKR-19.00C-701C (Density), Push– 2.5’, Recovery 1.9’

LOC. ID	Water Depth (ft)	Soft Push (ft)	Hard Push (ft)	Sediment / Above Sed / Surface / Air (°F)	Sediment Type/ and Sheen Observation
SEKR-19.00C-701	1.8	2.7	3.1	75.8/80.1/80.2	Sand & Silt/None

Location 2: MP 20.00C

Stratified-062, Anthropogenic Channel (None)

Sample SEKR-20.00C-702A, Push – 1.1’, Recovery 0.5’

Sample SEKR-20.00C-702B, Push– 2.1’, Recovery 1.7’

LOC. ID	Water Depth (ft)	Soft Push (ft)	Hard Push (ft)	Sediment / Above Sed / Surface / Air (°F)	Sediment Type/ and Sheen Observation
SEKR-20.00C-701	1.0	1.3	1.6	75.7/78.8/78.9	Silt over Sand/Heavy

This location was previously poled and had nothing. Today’s poling was a heavy.

Location 3: MP 18.75R

Stratified-063, Anthropogenic Channel (None)

Sample SEKR-18.75C-701A, Push – 1.9’, Recovery 1.7’

Sample SEKR-18.75C-701B, Push– 1.9’, Recovery 1.6’

LOC. ID	Water Depth (ft)	Soft Push (ft)	Hard Push (ft)	Sediment / Above Sed / Surface / Air (°F)	Sediment Type/ and Sheen Observation
SEKR-18.75C-701	2.2	2.6	2.8	77.2/81.3/81.4	Sand and Gravel/None

Location 4: MP 36.50L

Stratified-081, Backwater (Heavy)

Sample SEKR-36.50L-701A, Push – 3.1’, Recovery 1.9’

Sample SEKR-36.50L-701B, Push– 3.3’, Recovery 2.0’

Sample SEKR-36.50L-701C, Push– 3.1’, Recovery 1.7’

This location could not be poled due to lack of surface water.

Location 5: MP 37.50C

Stratified-082, Backwater (Heavy)

Sample SEKR-37.50C-701A, Push – 2.5’, Recovery 2.1’

Sample SEKR-37.50C-701B, Push– 2.5’, Recovery 2.2’

Sample SEKR-37.50C-701C, Push– 2.5’, Recovery 1.9’

LOC. ID	Water Depth (ft)	Soft Push (ft)	Hard Push (ft)	Sediment / Above Sed / Surface / Air (°F)	Sediment Type/ and Sheen Observation
SEKR-37.50C-701	1.9	4.5	4.5	61.1/78.5/80.8	Soft/Heavy

Location 6: MP 37.25C

Stratified-403, Depositional Bar (Heavy)

Sample SEKR-37.25C-701A, Push – 3.2', Recovery 2.0'

Sample SEKR-37.25C-701B, Push– 3.5', Recovery 1.4'

Sample SEKR-37.25C-701C, Push– 3.5', Recovery 2.0'

LOC. ID	Water Depth (ft)	Soft Push (ft)	Hard Push (ft)	Sediment / Above Sed / Surface / Air (°F)	Sediment Type/ and Sheen Observation
SEKR-37.25C-701	2.1	3.0	4.6	67.2/79.2/81.8	Soft/Moderate

Location 7: MP 12.00L

Stratified-083, Backwater (Heavy)

Sample SEKR-12.00L-701A, Push – 2.6', Recovery 1.6'

Sample SEKR-12.00L-701B, Push– 2.6', Recovery 1.5'

This location could not be poled due to lack of surface water.

Location 8: MP 10.50L

Stratified-101, Backwater (Moderate)

Sample SEKR-10.50L-701A, Push – 1.0', Recovery 0.6'

Sample SEKR-10.50L-701B, Push– 1.1', Recovery 0.9'

This location could not be poled due to lack of surface water.

Health and Safety Issues

Comments