

US EPA ARCHIVE DOCUMENT

1. Incident Name	2. Date Prepared	3. Time Prepared	UNIT LOG ICS 214	
Kalamazoo River/Enbridge Spill	07/25/2012	18:48		
4. Unit Name/Designators	5. Unit Leader		6. Operational Period :	
SOTF Team #1	Name:	Dan Capone & Joe Victory (START/US EPA)	From:	07/25/2012 0700
	Position:	Operations Section Chief	To:	07/25/2012 1741
7. Personnel Roster Assigned				
<u>Name</u>	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	Morrow Lake MP 38.00 to 39.75.		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	<u>START SOS Team #3 Activity:</u> 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 Morrow Lake and Morrow Lake Fan MP 38.00 to 39.75. 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 Morrow Lake lights and three from none, one from Morrow Lake Fan heavy and two from moderate locations. <u>Location 1: MP 38.50</u> Stratified-561, Morrow Lake (Light) Sample SEKR-38.50C-701A, Push – 3.0', Recovery 1.8' Sample SEKR-38.50C-701B, Push– 3.3', Recovery 1.8' Sample SEKR-38.50-701C (Density), Push– 3.4', 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-38.50C-701	4.0	6.8	7.0	76.3/77.9/78	Soft/Light

Location 2: MP 38.75

Stratified-562, Morrow Lake (Light)

Sample SEKR-38.75C-701A, Push – 3.5', Recovery 1.6'

Sample SEKR-38.75C-701B, Push– 3.5', Recovery 1.7'

Sample SEKR-38.75C-701C (Density), Push– 3.5', Recovery 1.5'

LOC. ID	Water Depth (ft)	Soft Push (ft)	Hard Push (ft)	Sediment / Above Sed / Surface / Air (°F)	Sediment Type/ and Sheen Observation
SEKR-38.75C-701	4.9	8.2	9.5	75.9/77.9/77.9	Soft/Light

Location 3: MP 38.50

Stratified-563, Morrow Lake (Light)

Sample SEKR-38.50C-702A, Push – 2.9', Recovery 2.1'

Sample SEKR-38.50C-702B, Push– 2.7', Recovery 1.9'

Sample SEKR-38.50C-702C (Density), Push– 2.9', 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-38.50C-702	4.4	6.2	6.4	76/78.4/78.5	Soft/Light

Location 4: MP 39.75

Stratified-581, Morrow Lake (None)

Sample SEKR-39.75C-701A, Push – 4.4', Recovery 1.4'

Sample SEKR-39.75C-701B, Push– 4.3', Recovery 1.4'

Sample SEKR-39.75C-701C, Push– 4.3', Recovery 1.4'

LOC. ID	Water Depth (ft)	Soft Push (ft)	Hard Push (ft)	Sediment / Above Sed / Surface / Air (°F)	Sediment Type/ and Sheen Observation
SEKR-39.75C-701	8.0	12.0	13.2	79.0/80.9/80.9	Soft/None

Location 5: MP 39.25C

Stratified-582, Morrow Lake (None)

Sample SEKR-39.25C-701A, Push – 1.8', Recovery 1.7'

Sample SEKR-39.25C-701B, 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-39.25C-701	6.7	8.6	8.9	76.8/80.5/80.6	Soft/Light

Location 6: MP 39.50

Stratified-583, Morrow Lake (None)

Sample SEKR-39.50C-701A, Push – 3.2', Recovery 1.7'

Sample SEKR-39.50C-701B, Push– 3.0', 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-39.50C-701	7.2	9.9	10.3	76.8/82.2/82.7	Soft/None

Location 7: MP 38.00

Stratified-601, Morrow Lake Fan (Heavy)

Sample SEKR-38.00C-701A, Push – 3.0', Recovery 1.6'

Sample SEKR-38.00C-701B, Push– 3.0', Recovery 1.6'

Sample SEKR-38.00C-701C, Push– 3.0', 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-38.00C-701	2.9	3.7	4.4	78.3/82.3/82.8	Soft/Moderate

Location 8: MP 38.00

Stratified-621, Morrow Lake Fan (Moderate)

Sample SEKR-38.00C-702A, Push – 3.6', Recovery 0.8'

Sample SEKR-38.00C-702B, Push– 3.6', Recovery 0.8'

Sample SEKR-38.00C-702C, Push– 3.6', Recovery 0.8'

LOC. ID	Water Depth (ft)	Soft Push (ft)	Hard Push (ft)	Sediment / Above Sed / Surface / Air (°F)	Sediment Type/ and Sheen Observation
SEKR-38.00C-702	.2	1.5	5.7	60.7/71.2/71.2	Soft/Light

Location 9: MP 38.00

Stratified-622, Morrow Lake Fan (Moderate)

Sample SEKR-38.00C-703A, Push – 2.8', Recovery 1.3'

Sample SEKR-38.00C-703B, Push– 2.7', Recovery 1.3'

LOC. ID	Water Depth (ft)	Soft Push (ft)	Hard Push (ft)	Sediment / Above Sed / Surface / Air (°F)	Sediment Type/ and Sheen Observation
SEKR-38.00C-703	2.0	4.2	4.5	63.3/79.2/84.4	Soft/Moderate

Health and Safety Issues	
Comments	