

US EPA ARCHIVE DOCUMENT

1. Incident Name	2. Date Prepared	3. Time Prepared	UNIT LOG ICS 214							
Kalamazoo River/Enbridge Spill	08/07/2012	17:45								
4. Unit Name/Designators	5. Unit Leader		6. Operational Period :							
SOTF Team #1	Name:	Dan Capone & Joe Victory (START/US EPA)	From:	08/07/2012 0758						
	Position:	Operations Section Chief	To:	08/07/2012 1634						
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 #2								
8. Activity Log										
Activity Area	Kalamazoo River MP 23.00C, 26.25C, 30.75C and 32.50C Morrow Delta MP 37.50C			<table border="1"> <tr> <td>LAT</td> <td>LAT</td> </tr> <tr> <td>Various</td> <td>Various</td> </tr> <tr> <td>(DD.MMMM)</td> <td>(DD.MMMM)</td> </tr> </table>	LAT	LAT	Various	Various	(DD.MMMM)	(DD.MMMM)
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 #2 Activity:</u></p> <p>START SOS 2 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 Kalamazoo river at MP 23.00C, 26.25C, 30.75C, 32.50C and Morrow Delta MP 37.50C. Two sediment cores are collected from each location. A third sample is collected from 50% of the locations for sediment density testing. One duplicate sample will be collected from each of the four overall sheen/globule categories. One sample was collected from Channel Deposit None stratum, one from Depositional Bar None stratum, one from Cutoff/Oxbow Moderate stratum, one from Backwater Moderate stratum and two from Delta Moderates stratum.</p> <p><u>Location 1: MP 32.50C</u> Stratified-223, Channel Deposit (None) Sample SEKR-32.50C-701A, Push – 1.9’, Recovery 1.4’ Sample SEKR-32.50C-701B, Push– 1.9’, Recovery 1.5’</p>									

LOC. ID	Water Depth (ft)	Soft Push (ft)	Hard Push (ft)	Sediment / Above Sed / Surface / Air (°F)	Sediment Type/ and Sheen Observation
SEKR-32.50C-701	1.2	2.9	2.9	69/70.8/70.8	/None

Location 2: MP 30.75C

Stratified-463, Depositional Bar (None)

Sample SEKR-30.75C-702A, Push – 2.9’, Recovery 2.5’

Sample SEKR-30.75C-702B, Push– 2.9’, Recovery 2.1’

Sample SEKR-30.75C-702C (Density), Push– 2.9’, Recovery 1.8’

LOC. ID	Water Depth (ft)	Soft Push (ft)	Hard Push (ft)	Sediment / Above Sed / Surface / Air (°F)	Sediment Type/ and Sheen Observation
SEKR-30.75C-702	0.3	0.9	0.9	67.7/70.7/70.8	Sand /None

Location 3: MP 23.00C

Stratified-263, Cutoff/Oxbow (Moderate)

Sample SEKR-23.00C-701A, Push – 1.4’, Recovery 1.3’

Sample SEKR-23.00C-701B, Push– 1.9’, Recovery 1.1’

LOC. ID	Water Depth (ft)	Soft Push (ft)	Hard Push (ft)	Sediment / Above Sed / Surface / Air (°F)	Sediment Type/ and Sheen Observation
SEKR-23.00C-705	1.9	2.9	3.1	69.7/70.9/70.6	Sand and Silt/ Heavy

Sheen and globules observed on water surface when taking core out of water.

Location 4: MP 26.25C

Stratified-104, Backwater (Moderate)

S Sample SEKR-26.25C-701A, Push – 2.5’, Recovery 1.1’

Sample SEKR-26.25C-701B, Push– 2.2’, Recovery 1.0’

Sample SEKR-26.25C-702 (Duplicate), Push– 2.2’, Recovery 1.0’

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

Location 5: MP 37.50C

Stratified-344, Delta (Moderate)

Sample SEKR-37.50C-708A, Push – 3.8’, Recovery 2.6’

Sample SEKR-37.50C-708B, Push– 3.0’, Recovery 1.9’

Sample SEKR-37.50C-708C(Density), Push– 3.7’, 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-708	0.8	2.6	2.8	76.3/82.7/82.7	Sand over Silt/ Heavy

Sheen and globules observed on water surface when taking core out of water.

Location 6: MP 37.50C

Stratified-345, Delta (Moderate)

Sample SEKR-37.50C-709A, Push – 2.1’, Recovery 1.6’

Sample SEKR-37.50C-709B, Push– 2.0’, Recovery 1.5’

Sample SEKR-37.50C-710(Duplicate), Push– 2.1’, Recovery 1.8’

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-709	1.9	3.8	4.0	73.5/81.9/82.0	Sand over Silt/Moderate

Sheen and globules observed on water surface when taking core out of water.

Note:

Stratified-422 MP 26.25C, Depositional Bar (Moderate)

Enbridge team member did not think this location was a depositional bar. I said if sampling team had any doubt about this location being a depositional bar that the next one on the list should be substituted. Call was made to Enbridge Field team lead asking to replace this location with the next one on their list for this stratum. The new location will be sample 8/8/2012.

Weather: Morning 60 degrees, sunny and winds 5 mph from the SW. Afternoon 84 degrees, sunny, winds 5-10 mph from the SW.

Health and Safety Issues

Comments