

US EPA ARCHIVE DOCUMENT

1. Incident Name		2. Date Prepared		3. Time Prepared		UNIT LOG ICS 214			
Kalamazoo River/Enbridge Spill		08/08/2012		17:15					
4. Unit Name/Designators			5. Unit Leader			6. Operational Period :			
SOS Team #2			Name: Dan Capone & Joe Victory (START/US EPA)			From: 08/08/2012 0757			
			Position: Operations Section Chief			To: 08/08/2012 1604			
7. Personnel Roster Assigned									
<u>Name</u>		<u>ICS Position</u>			<u>DUTY CELL</u>				
Dan Capone		Operations Section Chief							
Joe Victory		Operations Section Chief							
Dan Zahner		Field Team Lead							
Michael Thierry		SOS #2							
8. Activity Log									
Activity Area		Battle Creek River points SE3333C, SE2222C and SE1111C. Morrow Delta MP 37.25C.				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 Battle Creek River sample points SE3333C, SE2222C and SE1111C, Morrow Delta MP 37.25C. 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 and one from background sediment core locations. Battle Creek river had three background sediment core locations at SE3333C Back Channel stratum, SE2222C Cutoff/Oxbow stratum and SE1111C Depositional Bar stratum. Morrow Delta had one Backwater Moderate stratum and one Depositional Bar Moderate stratum.</p> <p><u>Location 1: Battle Creek River</u> SE3333C, Back Channel Sample SE3333C-701A, Push – 3.2’, Recovery 1.8’ Sample SE3333C-701B, Push– 3.3’, Recovery 1.6’ Sample SE3333C-701C (Density), Push– 3.2’, Recovery 1.9’</p>							

LOC. ID	Water Depth (ft)	Soft Push (ft)	Hard Push (ft)	Sediment / Above Sed / Surface / Air (°F)	Sediment Type/ and Sheen Observation
SE3333C-701	0.5	1.4	4.5	69.5/69.0/69.4	Silt over Sand /Light

GPS location - X: 12909231.88 Y:300448.05

Location 2: Battle Creek River

SE2222C, Cutoff/Oxbow

Sample SE2222C-702A, Push – 4.0’, Recovery 1.2’

Sample SE2222C-702B, Push– 4.0’, Recovery 1.8’

This location could not be poled due to lack of surface water. Sheen was observed on water surface inside the core holes.

GPS location - X: 12907313.29 Y:299577.02

Location 3: Battle Creek River

SE1111C, Depositional Bar

Sample SE1111C-703A, Push – 3.8’, Recovery 3.2’

Sample SE1111C-703B, Push– 3.8’, Recovery 3.2’

Sample SE1111C-704 (Duplicate), Push– 3.8’, Recovery 2.9’

LOC. ID	Water Depth (ft)	Soft Push (ft)	Hard Push (ft)	Sediment / Above Sed / Surface / Air (°F)	Sediment Type/ and Sheen Observation
SE1111C-703	0.7	2.0	5.0	69.9/73.9/74.0	Sand and Silt/ Heavy

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

GPS location - X: 1290640.21 Y:299293.89

Location 4: MP 37.25C

Stratified-103, Backwater (Moderate)

Sample SEKR-37.25C-705A, Push – 3.1’, Recovery 1.8’

Sample SEKR-37.25C-705B, 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-37.25C-705	1.0	2.6	3.9	65.9/80.7/80.7	Sand and Silt/ Moderate

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

Location 5: MP 37.25C

Stratified-424, Depositional Bar (Moderate)

Sample SEKR-37.25C-708A, Push – 2.6’, Recovery 1.1’

Sample SEKR-37.25C-708B, Push– 2.6’, 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-37.25C-708	2.3	4.6	4.7	61.7/79.8/82.2	Sand and Silt/ Moderate

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

Weather: Morning 60 degrees, sunny and winds 5-10 mph from the North. Afternoon 81 degrees, sunny, winds 5-10 mph from the North.

Health and Safety Issues

Comments