

US EPA ARCHIVE DOCUMENT

1. Incident Name		2. Date Prepared	3. Time Prepared	UNIT LOG ICS 214	
Kalamazoo River/Enbridge Spill		3/02/2012	1900		
4. Unit Name/Designators		5. Unit Leader		6. Operational Period :	
Operations Unit/Talmadge Creek Branch Remedial Action Group		Name:	Dan Capone & Joe Victory (START/US EPA)	From:	3/02/2012 0630
		Position:	Operations Section Chief	To:	3/02/2012 1945
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			
Rex Johnson		Deputy Director			
Dan Zahner		Field Team Lead			
Timothy Laquerre		TCBRA Team 1			
8. Activity Log					
Activity Area		Talmadge Creek Remediation – MP 1.0 to MP 2.25		LAT	LAT
				Various	Various
				(DD.MMMM)	(DD.MMMM)
<u>OIL OBSERVED</u>		<u>EXTENT OF OIL IMPACTED AREA</u>			
		<u>DENSITY OF OIL /SHEEN</u>			
Total Collection Points					
Total Boom Deployed					
Activity	<p><u>Weston/START Talmadge Creek Branch Remedial Action Group (TCBRA) Team Activity:</u></p> <ul style="list-style-type: none"> • Enbridge continued excavation on Talmadge Creek today. Excavated approximately 125 linear feet of impacted soils and sediments this afternoon. Some moderate to heavy impacts were observed in the sediments during the excavation today. Sheen and globules were not observed in the excavation following the excavation activities. AECOM and MDEQ personnel collected verification samples in the first 100 feet of today’s excavation. Excavation will continue tomorrow. • Multiple pumps were placed throughout the excavation to maintain water control and allow purging. • South side GAC system effluent maintained a constant flow throughout the day. The effluent water was discharged at the outfall bypass inlet and sent up to the silt removal system via (2) eighteen inch pumps. • Restoration to talmadge creek bed was a survey to identify the center and edges of the creek on the 300 feet of the excavation. Backfill material was used to create the river bed. The river bed backfill task has reached the 1020 area. • Removed sediment traps at the outfall inlet area. Installed soft boom and a 4” pump to capture sheen and send to the GAC system. • Installed a silty clay dike at the outfall inlet to control water from entering to the excavation area. Attempt slowed water to the excavation, however the silty clay was placed on top of rock allowing water passage. • Excavation soils were live loaded to double poly lined trucks with a sawdust bedding. Paint 				

	<p>filter test and composite testing was performed by AECOM. Marooka style trucks were also used onsite for transportation of excavated soils to the mixing box for a solidification process.</p> <ul style="list-style-type: none"> • Equipment mat was removed from the confluence area creating a sheen during removal. I was notified of the event while observing the talmadge creek excavation. Spoke with the EI onsite who witnessed the sheen. EI stated that he observed a light silver whisperry color on the water when the mat was removed. I asked EI if any corrective measures needed to be applied. He stated there was no need for a corrective measure, the sheen could have been produced by movement of the mat or by an excavator bucket with impacted soils on it by moving other mats within the area. Observations were made at the area. Small streamers with the light silver was present. The containment boom used for removal of the sheet pile was still installed. Any sheen generated was captured by the boom which followed the rivers current and collected within the boom at the north side of the outfall pipe. Observations were made that a soft boom was installed within the containment boom. The collected sheen was forced into the soft boom by the rivers current. • Notified of sheen on top of soils at the confluence area while observing the talmadge creek excavation. Observed sheen in many areas on top of soils located behind the barn to the river during a heavy rain event. Suspect sheen came from recently removed equipment mats that had impacted soils. Poly and geotextile fabric were not present under the equipment mats. EI onsite stated a 6" scrapping of the impacted topsoil with a CAT 320 D will take place on sat 03/03.
Health and Safety Issues	None to report today.
Comments	