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1. Incident Name	2. Date Prepared	3. Time Prepared	UNIT LOG ICS 214
Kalamazoo River/Enbridge Spill	11/19/2012	1830	

4. Unit Name/Designators	5. Unit Leader		6. Operational Period :	
Containment Branch Recovery Team 1	**Name:**	Dan Capone START/US EPA)	**From:**	11/19/2012 0730
	Position:	Operations Section Chief	**To:**	11/19/2012 1730

7. Personnel Roster Assigned

Name	ICS Position	DUTY CELL
Dan Capone	Operations Section Chief	[redacted]
Rex Johnson	Containment Branch Director	
Sean Kane	Field Team Lead/CBR-4	

8. Activity Log

Activity Area	MP 37.50 – MP 37.75 –E 4.0 Boom Configurations (Boom F-2 and F-2)	**LAT Various** (DD.MMMM)	**LAT Various** (DD.MMMM)
OIL OBSERVED	**EXTENT OF OIL IMPACTED AREA**		
	DENSITY OF OIL /SHEEN		
Total Collection Points			
Total Boom Deployed			

Activity

Weston/START CBR 4 Team Activity:

Oversight documentation of subsurface x-tex curtain removal operations as it pertained to Enbridge field team # 4 (Jon Carveth/Aecom) within the Morrow Lake delta E 4.0 boom configuration. Conducted turbidity monitoring to establish and document upstream NTU measurements prior to removal operations for background NTU levels and monitoring approximately 300' downstream in the water flow path of each x-tex segment during subsurface containment removal operations at a minimum of 30 minute intervals. In addition, general oversight documentation of potential oil globules and oil sheen frequency caused by removal actions.

Oversight of Enbridge field team disconnecting and removing Boom A and B within Delta (MP 37.00 & MP 37.25) and staging boom within proximity of E 4.0 boat launch until further notice. Three anchor 'clusters' associated with Boom A & B were left with hard boom wrapped around for health and safety reasons.

Boom F-2 (MP 37.50 & 37.75 RDB) Upstream – Depth to sediment approx 3.0'
0.5" = 3.26 NTU
1.5' = 3.25 NTU
2.5' = 3.75 NTU

	Boom F-2 - Downstream – Depth to sediment approx 4.5’ 0.5” = 2.44 NTU 2.0’ = 3.08 NTU 4.0’ = 3.25 NTU **Boom F-2 -** Downstream – Depth to sediment approx 4.5’ 0.5” = 3.05 NTU 2.0’ = 3.86 NTU 4.0’ = 3.05 NTU 5.0’ = 2.0 NTU **Boom F-2 -** (MP 37.75) Downstream – Depth to sediment approx 2.0’ 0.5” = 3.49 NTU 1.25’ = 2.45 NTU **Boom F-2** –Downstream – Depth to sediment approx 2.0’ 0.5” = 2.16 NTU 1.25 = 2.05 NTU 3.5’ = 2.16 NTU 5.0’ = 2.53 NTU **Boom F-1** – (MP 37.50) Upstream – Depth to sediment approx 3.5’ 0.5” = 2.91 NTU 2.0’ = 2.91 NTU 3.0’ = 3.16 NTU **Boom F-1** – (MP 37.75) Downstream– Depth to sediment approx 6.0 0.5” = 3.79 NTU 2.0’ = 3.44 NTU 4.0’ = 4.22 NTU 5.5’ = 3.85 NTU **Boom F-1** – Downstream – Depth to sediment approx 5.5’ 0.5” = 3.21 NTU 2.0’ = 3.08 NTU 3.5’ = 4.08 NTU 5.0’ = 3.39 NTU **Boom F-1** Downstream – Depth to sediment approx 4.0’ 0.5” = 2.90 NTU 2.0’ = 2.65 NTU 3.5’ = 2.90 NTU **Boom F-1** Downstream – Depth to sediment approx 4.0’ 0.5” = 2.83 NTU 2.0’ = 2.93 NTU 3.5’ = 2.56 NTU **Boom F-1** Downstream– Depth to sediment approx 4.0’

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	0.5” = 2.86 NTU 2.0’ = 2.25 NTU 3.5’ = 2.55 NTU **Boom F-1** Downstream – Depth to sediment 3.0’ 0.5” = 2.49 NTU 1.5’ = 2.64 NTU 2.5’ = 2.95 NTU
Health and Safety Issues	None
Comments	Detailed field notes with measurements are in CBR-4 Logbook.

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