1. Incident Name	2. Date Prepared	3. Time Prepared	UNIT LOG ICS 214
Kalamazoo River/Enbridge Spill	11/17/2012	1800	

4. Unit Name/Designators	5. Unit Leader		6. Operational Period :	
Containment Branch Recovery Team 1	**Name:**	Dan Capone START/US EPA)	**From:**	11/17/2012 0730
	Position:	Operations Section Chief	**To:**	11/17/2012 1650

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 37.00 – MP 37.25 E 4.0 Boom Configurations (Boom A, B, C-1 and C-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 conducting 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 to general oversight documentation of potential oil globules and oil sheen frequency and amount.

Boom A - (MP 37.00 & 37.25 LDB) Upstream – Depth to sediment approx 2.0'
0.5" = 3.66 NTU
2.0' = 4.5 NTU
Boom A - Downstream – Depth to sediment approx 2.5'
0.5" = 5.41 NTU
2.0" = 4.58 NTU
Boom A - Downstream – Depth to sediment approx 2.5'
0.5" = 6.01 NTU
2.0' = 6.20 NTU

Boom A - Downstream – Depth to sediment approx 2.5’
0.5” = 3.59 NTU
2.0’ = 2.86 NTU

Boom B – (MP 37.25 LDB) Upstream – Depth to sediment approx 2.3’
0.5” = 2.90 NTU
2.0’ = 2.79 NTU

Boom B – Downstream – Depth to sediment approx 2.3’
0.5” = 3.41 NTU
2.0’ = 5.51 NTU

Boom B – Downstream– Depth to sediment approx 2.3’
0.5” = 4.44 NTU
2.0’ = 3.65 NTU

Boom B – Downstream – Depth to sediment approx 2.3’
0.5” = 4.21 NTU
2.0’ = 2.73 NTU

Boom C-1 (MP 37.25 LDB) Upstream – Depth to sediment approx 2.0’
0.5” = 3.47 NTU
2.0’ = 2.66 NTU

Boom C-1 Downstream – Depth to sediment approx 2.5’
0.5” = 3.03 NTU
2.0’ = 2.25 NTU

Boom C-1 Downstream– Depth to sediment approx 2.5’
0.5” = 2.61 NTU
2.0’ = 2.53 NTU

Boom C-2 (MP 37.25) Upstream – Depth to sediment 2.0’
0.5” = 2.38 NTU
2.0’ = 2.72 NTU

Boom C-2 Downstream – Depth to sediment 3.5’
0.5” = 2.31 NTU
2.0’ = 2.55 NTU
3.5’ = 2.59 NTU

Boom C-2 Downstream – Depth to sediment 3.5’
0.5” = 3.0 NTU
2.0’ = 2.92 NTU
3.5’ = 2.43 NTU

	Boom C-2 Downstream – Depth to sediment 5.5’ 0.5” = 3.88 NTU 2.0’ = 3.01 NTU 3.5’ = 2.63 NTU **5.5’ = 17.4 NTU*** **Boom C-2** Downstream – Depth to sediment 5.0’ 0.5” = 4.69 NTU 2.0’ = 2.64 NTU 3.5’ = 3.06 NTU 5.0’ = 2.59 NTU **Boom C-2** Downstream – Depth to sediment 5.0’ 0.5” = 2.58 NTU 2.0’ = 2.74 NTU 3.5’ = 2.5 NTU 5.0’ = 2.38 NTU **Boom C-2** Downstream – Depth to sediment 5.0’ 0.5” = 3.08 NTU 2.0’ = 2.95 NTU 3.5’ = 3.10 NTU 5.0’ = 3.02 NTU
Health and Safety Issues	None
Comments	Boom C-2 Downstream at 5.5’ depth with a measurement of 17.4 NTU is associated with encroaching boat traffic and turbidity probe impact within sediment during lowering. Detailed field notes with measurements are in CBR-4 Logbook.