| 1. Incident Name | 2. Date Prepared | 3. Time Prepared | UNIT LOG ICS 214 |
|---|---|---|---|
| Kalamazoo River/Enbridge Spill | 1/18/2013 | 1350 | |

| 4. Unit Name/Designators | 5. Unit Leader | | 6. Operational Period : | |
|---|---|---|---|---|
| KRSB Team #1 | **Name:** | Dan Capone & Chris Lantinga (START/US EPA) | **From:** | 1/18/2012 07:00 |
| | **Position:** | Operations Section Chief | **To:** | 1/18/2012 13:50 |

**7. Personnel Roster Assigned**

| Name | ICS Position | DUTY CELL |
|---|---|---|
| Dan Capone | Operations Section Chief | |
| Chris Lantinga | Operations Section Chief | |
| Dan Zahner | Field Team Lead | |
| Marc Wahrer | KRSB#1 | |
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**8. Activity Log**

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|---|---|---|---|
| **Activity Area** | **Source Area** | **LAT Various** (DD.MMMM) | **LAT Various** (DD.MMMM) |
| **OIL OBSERVED** | **EXTENT OF OIL IMPACTED AREA** | NA | |
| | **DENSITY OF OIL /SHEEN** | NA | |
| **Total Collection Points** | **NA** | | |
| **Total Boom Deployed** | **NA** | | |

**Activity**

**START KRSB Team 1 Activity:**

START KRSB 1 conducted oversight of Enbridge Team lead by Peter Stephens, and included Ross Cudney, Dave Mokma and Eon Ruhn (all of Superior/Remedial Investigations). Dave and Eon operated the geoprobe. I was conducting oversight of the geotechnical/sampling soil borings that were being collected by Enbridge at the source area in the proposed trench area for the new pipeline. They changed the scope slightly and included inspecting the cores under UV light. They also are not collecting soil samples from every boring. The following number of soil borings were completed and the depth the three sampling intervals were collected from are also noted. Also any evidence of impacted soils is noted.

SB-14 completed to 13 feet, No samples collected. No visual or olfactory evidence of impacts were observed. No impacts observed under UV light.

SB-15 completed to 13 feet, No samples collected. No visual or olfactory evidence of impacts were observed. No impacts observed under UV light.

SB-16 completed to 13 feet, collected soil samples at four sample intervals to be

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| | submitted for analysis (1.5', 4', 8' and 12'). Visual and olfactory evidence of impact observed @ approx 1-1.5' as well as under UV light. A small ¼" size area at ~1' and ten a 1/8-1/4" thick layer at ~1.5'). No other visual or olfactory evidence of impacts were observed or any other impacts observed under UV light.<br><br>SB-17 completed to 15 feet, collected soil samples at three sample intervals to be submitted for analysis (1.5', 4', and 12'). Visual and olfactory evidence of impact observed @ approx 1.5', as well as under UV light. (Approximately ½" thick layer at ~1.5'). No other visual or olfactory evidence of impacts were observed or any other impacts observed under UV light.<br><br>SB-18 completed to 13 feet, collected soil samples at three sample intervals to be submitted for analysis (4', 8', and 12'). No visual or olfactory evidence of impacts were observed. No impacts observed under UV light.<br><br>The samples collected were to be analyzed by the laboratory for the following parameters:<br>VOCS 8260 plus<br>DRO C10-C20<br>ORO C20-C34<br>PAHs 8270<br>Be<br>Mo<br>Ni<br>V<br>% moisture |
| **Health and Safety Issues** | |
| **Comments** | Notes for this 214 are in Log Book KRSB-1 |