**U.S. ENVIRONMENTAL PROTECTION AGENCY**
**Region VI**

**Exxon Pipeline Mayflower Arkansas Oil Spill**
**Summary of Air Monitoring Data**
**Reporting Period 04/11/2013 08:00 through 04/12/2013 08:00**

**Table 1 – Summary of Fixed Air Monitoring Locations**

| Location | Parameter | Count of Readings | Average Concentration | Maximum Detection | Units |
|---|---|---|---|---|---|
| **ML02** | CO | 934 | 0.03 | 1.8 | ppm |
| | H2S | 934 | 0.02 | 0.2 | ppm |
| | LEL | 934 | 0 | 0 | % |
| | OXY | 934 | 20.91 | 21.4 | % |
| | VOC | 934 | 0 | 0 | ppm |
| **ML03** | CO | 183204 | 0.13 | 2.4 | ppm |
| | H2S | 183204 | 0.002 | 0.4 | ppm |
| | LEL | 183204 | 0 | 0.4 | % |
| | OXY | 183204 | 20.90 | 21.7 | % |
| | VOC | 183204 | 0 | 0.6 | ppm |
| **ML04** | CO | 1062 | 0 | 2.7 | ppm |
| | H2S | 1062 | 0 | 0 | ppm |
| | LEL | 1062 | 0 | 0 | % |
| | OXY | 1062 | 21.19 | 21.4 | % |
| | VOC | 1062 | 0 | 1 | ppm |

**Table 2 – Summary of Grab Air Monitoring**

| Location | Parameter | Count of Readings | Number of Detects | Average Concentration | Maximum Detection | Units |
|---|---|---|---|---|---|---|
| **Mobile Run** | CO | 536 | 110 | 0.22 | 0.9 | ppm |
| | H2S | 536 | 0 | 0 | 0 | ppm |
| | LEL | 536 | 0 | 0 | 0 | % |
| | OXY | 536 | 0 | 20.9 | 20.9 | % |
| | VOC | 536 | 0 | 0 | 0 | ppm |

**Table 2 – Summary of Grab Air Monitoring – Continued**

| Location | Parameter | Count of Readings | Average Concentration | Maximum Detection | Units |
|---|---|---|---|---|---|
| **ML05** | CO | 536 | 0 | 0 | ppm |
| | H2S | 2 | 0 | 0 | ppm |
| | LEL | 2 | 0 | 0 | % |
| | OXY | 2 | 20.9 | 20.9 | % |
| | VOC | 2 | 0 | 0 | ppm |
| **ML06** | CO | 2 | 0 | 0 | ppm |
| | H2S | 2 | 0 | 0 | ppm |
| | LEL | 2 | 0 | 0 | % |
| | OXY | 2 | 20.9 | 20.9 | % |
| | VOC | 2 | 0 | 0 | ppm |
| **ML07** | CO | 2 | 0 | 0 | ppm |
| | H2S | 2 | 0 | 0 | ppm |
| | LEL | 2 | 0 | 0 | % |
| | OXY | 2 | 20.9 | 20.9 | % |
| | VOC | 2 | 0 | 0 | ppm |
| **ML08** | CO | 2 | 0 | 0 | ppm |
| | H2S | 2 | 0 | 0 | ppm |
| | LEL | 2 | 0 | 0 | % |
| | OXY | 2 | 20.9 | 20.9 | % |
| | VOC | 2 | 0 | 0 | ppm |
| **ML09** | CO | 2 | 0 | 0 | ppm |
| | H2S | 2 | 0 | 0 | ppm |
| | LEL | 2 | 0 | 0 | % |
| | OXY | 2 | 20.9 | 20.9 | % |
| | VOC | 2 | 0 | 0 | ppm |
| **ML10** | CO | 2 | 0 | 0 | ppm |
| | H2S | 2 | 0 | 0 | ppm |
| | LEL | 2 | 0 | 0 | % |
| | OXY | 2 | 20.9 | 20.9 | % |
| | VOC | 2 | 0 | 0 | ppm |
| **ML11** | CO | 2 | 0 | 0 | ppm |
| | H2S | 2 | 0 | 0 | ppm |
| | LEL | 2 | 0 | 0 | % |
| | OXY | 2 | 20.9 | 20.9 | % |
| | VOC | 2 | 0 | 0 | ppm |

**Table 2 – Summary of Grab Air Monitoring – Continued**

| Location | Parameter | Count of Readings | Average Concentration | Maximum Detection | Units |
|---|---|---|---|---|---|
| **ML12** | CO | 2 | 0 | 0 | ppm |
| | H2S | 2 | 0 | 0 | ppm |
| | LEL | 2 | 0 | 0 | % |
| | OXY | 2 | 20.9 | 20.9 | % |
| | VOC | 2 | 0 | 0 | ppm |
| **ML13** | CO | 2 | 0 | 0 | ppm |
| | H2S | 2 | 0 | 0 | ppm |
| | LEL | 2 | 0 | 0 | % |
| | OXY | 2 | 20.9 | 20.9 | % |
| | VOC | 2 | 0 | 0 | ppm |

**Figure 1 – Fixed Air Monitoring Locations**

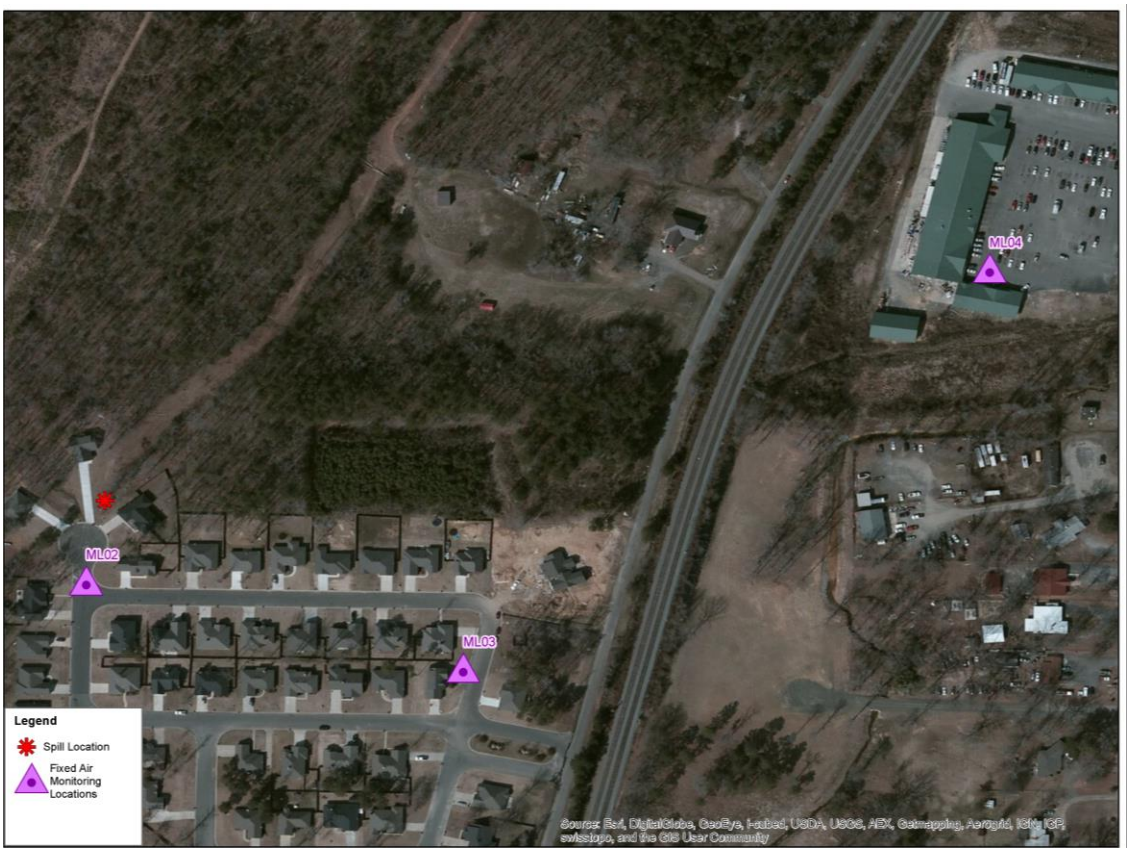

**Figure 2 – Grab Air Monitoring Locations**