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

**Exxon Pipeline Mayflower Arkansas Oil Spill**
**Summary of Air Monitoring Data**
**Reporting Period 04/14/2013 08:00 through 04/15/2013 08:00**

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

| Location | Parameter | Count of Readings | Average Concentration | Maximum Detection | Units |
|---|---|---|---|---|---|
| **ML02** | CO | 1345 | 0.7 | 2.8 | ppm |
| | H2S | 1345 | 0.0 | 0.2 | ppm |
| | LEL | 1345 | 0.0 | 0.0 | % |
| | OXY | 1345 | 20.9 | 20.9 | % |
| | VOC | 1345 | 0.0 | 0.0 | ppm |
| **ML03** | CO | 1352 | 0.1 | 0.8 | ppm |
| | H2S | 1352 | 0.0 | 0.1 | ppm |
| | LEL | 1352 | 0.0 | 0.0 | % |
| | OXY | 1352 | 20.7 | 20.9 | % |
| | VOC | 1352 | 0.0 | 0.2 | ppm |

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

| Location | Parameter | Count of Readings | Average Concentration | Maximum Detection | Units |
|---|---|---|---|---|---|
| **ML05** | 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 |
| **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 |

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

| Location | Parameter | Count of Readings | Average Concentration | Maximum Detection | Units |
|---|---|---|---|---|---|
| **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 |
| **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**

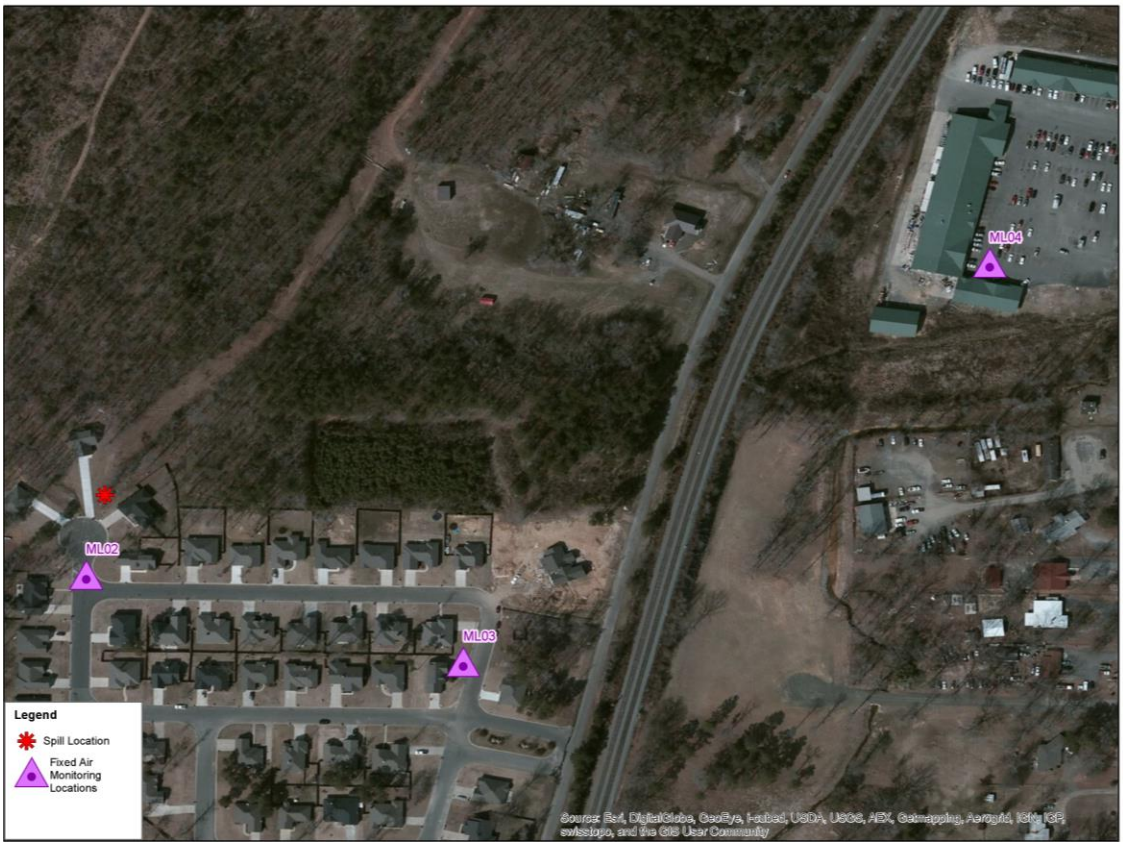


**Figure 2 – Grab Air Monitoring Locations**