

**U.S. ENVIRONMENTAL PROTECTION AGENCY**

**Region VI**



**Exxon Pipeline Mayflower Arkansas Oil Spill  
Summary of Air Monitoring Data  
Reporting Period 04/19/2013 08:00 through 04/20/2013 08:00**

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

| Location    | Parameter | Count of Readings | Average Concentration | Maximum Detection | Units |
|-------------|-----------|-------------------|-----------------------|-------------------|-------|
| <b>ML02</b> | CO        | 1406              | 1.2                   | 4.4               | ppm   |
|             | H2S       | 1406              | 0.0                   | 0.1               | ppm   |
|             | LEL       | 1406              | 0.0                   | 0.0               | %     |
|             | OXY       | 1406              | 20.8                  | 21.6              | %     |
|             | VOC       | 1406              | 0.0                   | 0.1               | ppm   |

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

| Location    | Parameter | Count of Readings | Average Concentration | Maximum Detection | Units |
|-------------|-----------|-------------------|-----------------------|-------------------|-------|
| <b>ML05</b> | 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   |
| <b>ML06</b> | 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   |
| <b>ML07</b> | 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 |
|-------------|-----------|-------------------|-----------------------|-------------------|-------|
| <b>ML08</b> | 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   |
| <b>ML09</b> | CO        | 2                 | 0.5                   | 1.0               | ppm   |
|             | H2S       | 2                 | 0                     | 0                 | ppm   |
|             | LEL       | 2                 | 0                     | 0                 | %     |
|             | OXY       | 2                 | 20.9                  | 20.9              | %     |
|             | VOC       | 2                 | 0                     | 0                 | ppm   |
| <b>ML10</b> | 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   |
| <b>ML11</b> | CO        | 2                 | 0.5                   | 1.0               | ppm   |
|             | H2S       | 2                 | 0                     | 0                 | ppm   |
|             | LEL       | 2                 | 0                     | 0                 | %     |
|             | OXY       | 2                 | 20.9                  | 20.9              | %     |
|             | VOC       | 2                 | 0                     | 0                 | ppm   |
| <b>ML12</b> | 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   |
| <b>ML13</b> | CO        | 2                 | 0.5                   | 1.0               | ppm   |
|             | H2S       | 2                 | 0                     | 0                 | ppm   |
|             | LEL       | 2                 | 0                     | 0                 | %     |
|             | OXY       | 2                 | 20.9                  | 20.9              | %     |
|             | VOC       | 2                 | 0                     | 0                 | ppm   |
| <b>ML15</b> | 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

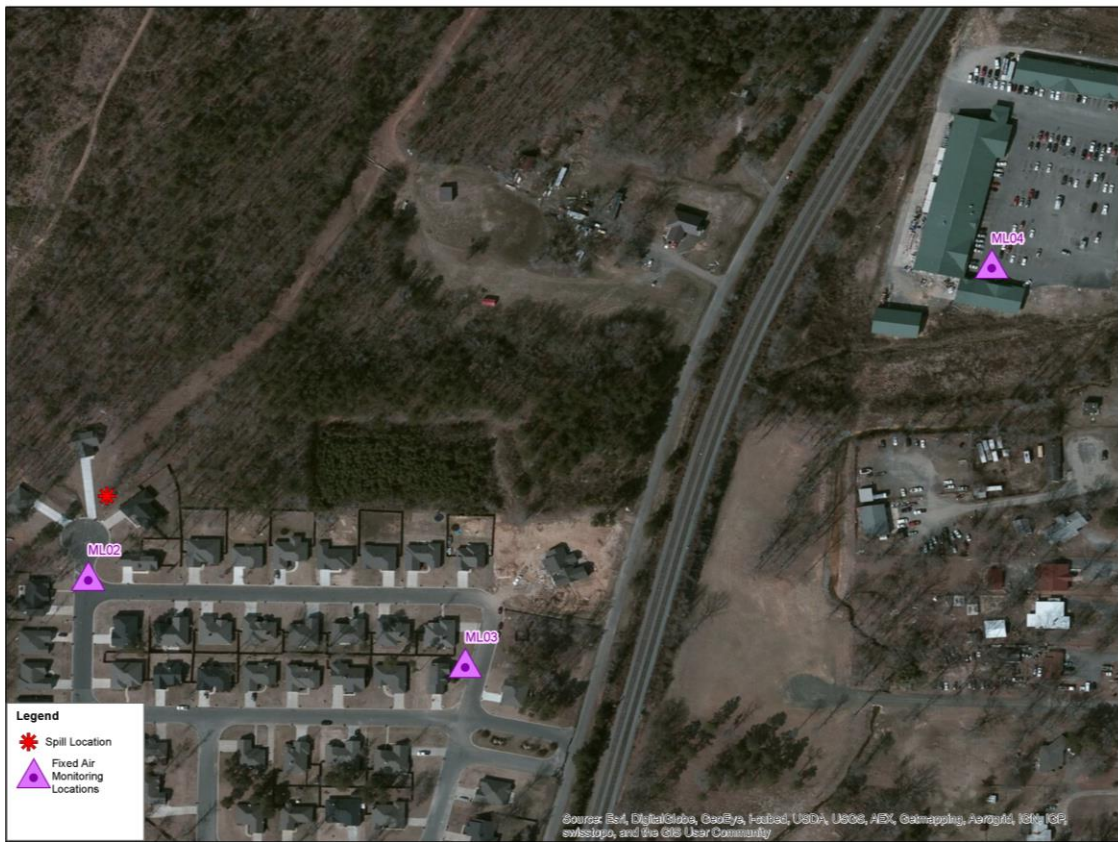


Figure 2 – Grab Air Monitoring Locations



Figure 3 – Grab Air Monitoring Locations – Continued

