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

**West Fertilizer Plant Explosion**
**Summary of Air Monitoring Data**
**Reporting Period 4/28/2013**

A summary of the air monitoring data collected during this reporting period is provided below. EPA monitored for ammonia (NH3) and volatile organic compounds (VOCs).

**Table 1 - Summary of Fixed Air Monitoring Location B (1 hour averages)**

| Collection Date | Collection Time | Parameter | Average Concentration | Units |
|---|---|---|---|---|
| 2013-04-28 | 8:00 - 9:00 | NH3 | 0.00 | ppm |
| 2013-04-28 | 8:00 - 9:00 | VOC | 0.00 | ppm |
| 2013-04-28 | 9:00 - 10:00 | NH3 | 0.00 | ppm |
| 2013-04-28 | 9:00 - 10:00 | VOC | 0.00 | ppm |
| 2013-04-28 | 10:00 - 11:00 | NH3 | 0.00 | ppm |
| 2013-04-28 | 10:00 - 11:00 | VOC | 0.00 | ppm |
| 2013-04-28 | 11:00 - 12:00 | NH3 | 0.00 | ppm |
| 2013-04-28 | 11:00 - 12:00 | VOC | 0.00 | ppm |
| 2013-04-28 | 12:00 - 13:00 | NH3 | 0.00 | ppm |
| 2013-04-28 | 12:00 - 13:00 | VOC | 0.00 | ppm |
| 2013-04-28 | 13:00 - 14:00 | NH3 | 0.00 | ppm |
| 2013-04-28 | 13:00 - 14:00 | VOC | 0.00 | ppm |
| 2013-04-28 | 14:00 - 15:00 | NH3 | 0.00 | ppm |
| 2013-04-28 | 14:00 - 15:00 | VOC | 0.00 | ppm |
| 2013-04-28 | 15:00 - 16:00 | NH3 | 0.02 | ppm |
| 2013-04-28 | 15:00 - 16:00 | VOC | 0.01 | ppm |
| 2013-04-28 | 16:00 - 17:00 | NH3 | 0.30 | ppm |
| 2013-04-28 | 16:00 - 17:00 | VOC | 0.13 | ppm |
| 2013-04-28 | 17:00 - 18:00 | NH3 | 0.60 | ppm |
| 2013-04-28 | 17:00 - 18:00 | VOC | 0.14 | ppm |

*NH3 = Ammonia, VOC = Total Volatile Organic Compounds

**Table 2 - Summary of Fixed Air Monitoring Location B (4 hour averages)**

| Collection Date | Collection Time | Parameter | Average Concentration | Units |
|---|---|---|---|---|
| 4/28/2013 | 09:00 - 13:00 | NH3 | 0.00 | ppm |
| | | VOC | 0.00 | ppm |
| | 13:00 - 17:00 | NH3 | 0.04 | ppm |
| | | VOC | 0.01 | ppm |

**Table 3 - Summary of Fixed Air Monitoring Location B (8 hour averages)**

| Collection Date | Collection Time | Parameter | Average Concentration | Units |
|---|---|---|---|---|
| 4/28/2013 | 09:00 - 17:00 | NH3 | 0.02 | ppm |
| | | VOC | 0.01 | ppm |

*NH3 = Ammonia, VOC = Total Volatile Organic Compounds

**Figure 1 - Fixed Air Monitoring Locations**