U.S. ENVIRONMENTAL PROTECTION AGENCY
Region VI

West Fertilizer Plant Explosion
Summary of Air Monitoring Data
Reporting Period 4/27/2013

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
2013-04-27	8:00 - 9:00	NH3	0.00	ppm
2013-04-27	8:00 - 9:00	VOC	0.27	ppm
2013-04-27	9:00 - 10:00	NH3	0.00	ppm
2013-04-27	9:00 - 10:00	VOC	0.01	ppm
2013-04-27	10:00 - 11:00	NH3	0.00	ppm
2013-04-27	10:00 - 11:00	VOC	0.00	ppm
2013-04-27	11:00 - 12:00	NH3	0.00	ppm
2013-04-27	11:00 - 12:00	VOC	0.00	ppm
2013-04-27	12:00 - 13:00	NH3	0.00	ppm
2013-04-27	12:00 - 13:00	VOC	0.00	ppm
2013-04-27	13:00 - 14:00	NH3	0.00	ppm
2013-04-27	13:00 - 14:00	VOC	0.00	ppm
2013-04-27	14:00 - 15:00	NH3	0.00	ppm
2013-04-27	14:00 - 15:00	VOC	0.00	ppm
2013-04-27	15:00 - 16:00	NH3	0.00	ppm
2013-04-27	15:00 - 16:00	VOC	0.00	ppm
2013-04-27	16:00 - 17:00	NH3	0.00	ppm
2013-04-27	16:00 - 17:00	VOC	0.00	ppm
2013-04-27	17:00 - 18:00	NH3	0.00	ppm
2013-04-27	17:00 - 18:00	VOC	0.00	ppm
2013-04-27	18:00 - 19:00	NH3	0.00	ppm
2013-04-27	18:00 - 19:00	VOC	0.00	ppm

*NH3 = Ammonia, VOC = Total Volatile Organic Compounds

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

Collection Date	Collection Time	Parameter	Average Concentration	Units
4/27/2013	09:00 - 13:00	NH3	0.00	ppm
		VOC	0.00	ppm
	13:00 - 17:00	NH3	0.00	ppm
		VOC	0.00	ppm

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

Collection Date	Collection Time	Parameter	Average Concentration	Units
4/27/2013	09:00 - 17:00	NH3	0.00	ppm
		VOC	0.00	ppm

*NH3 = Ammonia, VOC = Total Volatile Organic Compounds

Figure 1 - Fixed Air Monitoring Locations

Figure 2 - Wind History Figure for Waco Regional Airport (blowing from)

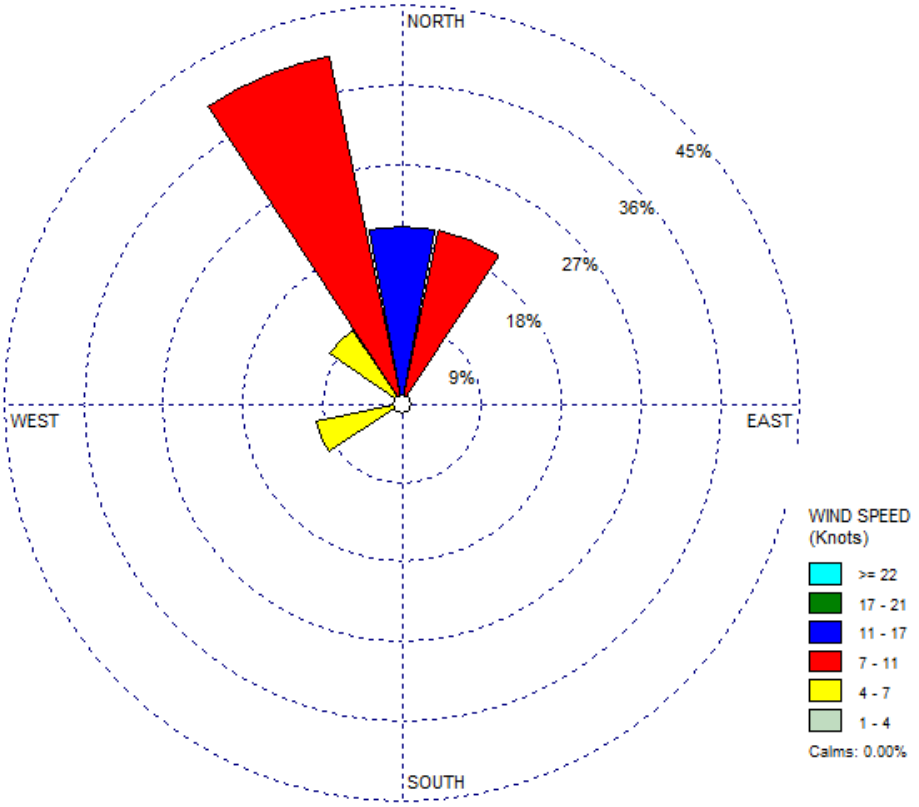
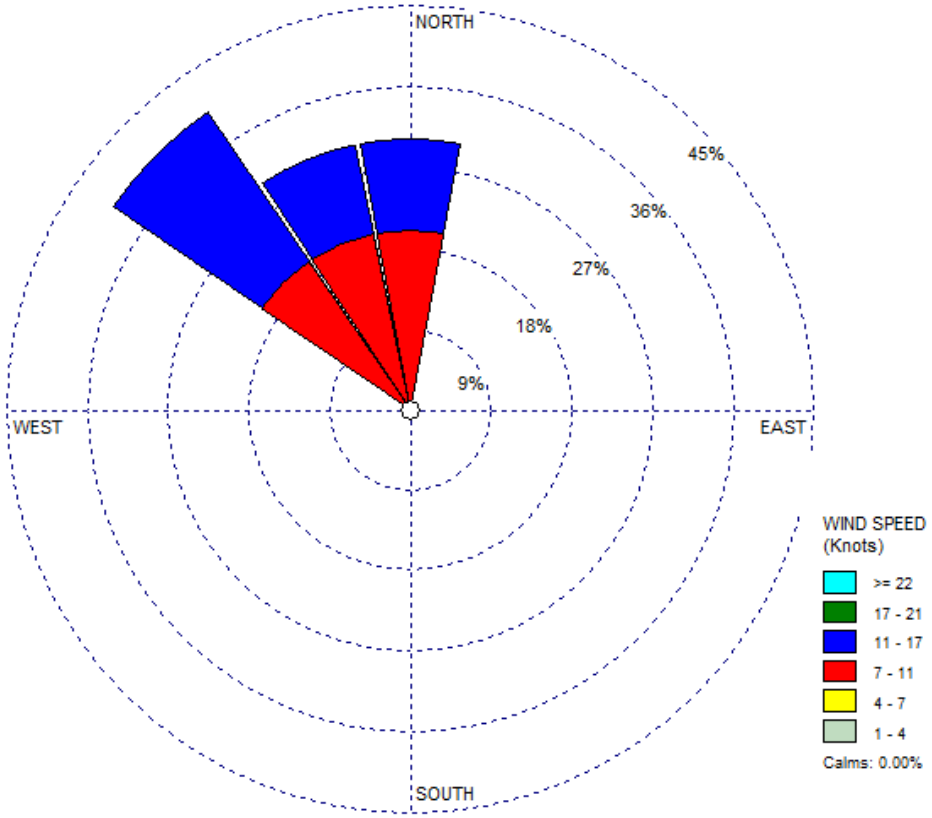
Figure 3 - Wind History Figure for Hillsboro Municipal Airport (blowing from)