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 C (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	0.17	ppm
2013-04-28	9:00 - 10:00	NH3	0.00	ppm
2013-04-28	9:00 - 10:00	VOC	0.05	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	0.00	ppm
2013-04-28	15:00 - 16:00	VOC	0.00	ppm
2013-04-28	16:00 - 17:00	NH3	0.13	ppm
2013-04-28	16:00 - 17:00	VOC	0.00	ppm
2013-04-28	17:00 - 18:00	NH3	0.18	ppm
2013-04-28	17:00 - 18:00	VOC	0.00	ppm
2013-04-28	18:00 - 19:00	NH3	0.19	ppm
2013-04-28	18:00 - 19:00	VOC	0.00	ppm

*NH3 = Ammonia, VOC = Total Volatile Organic Compounds

9447960

Table 2 - Summary of Fixed Air Monitoring Location C (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 C (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

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

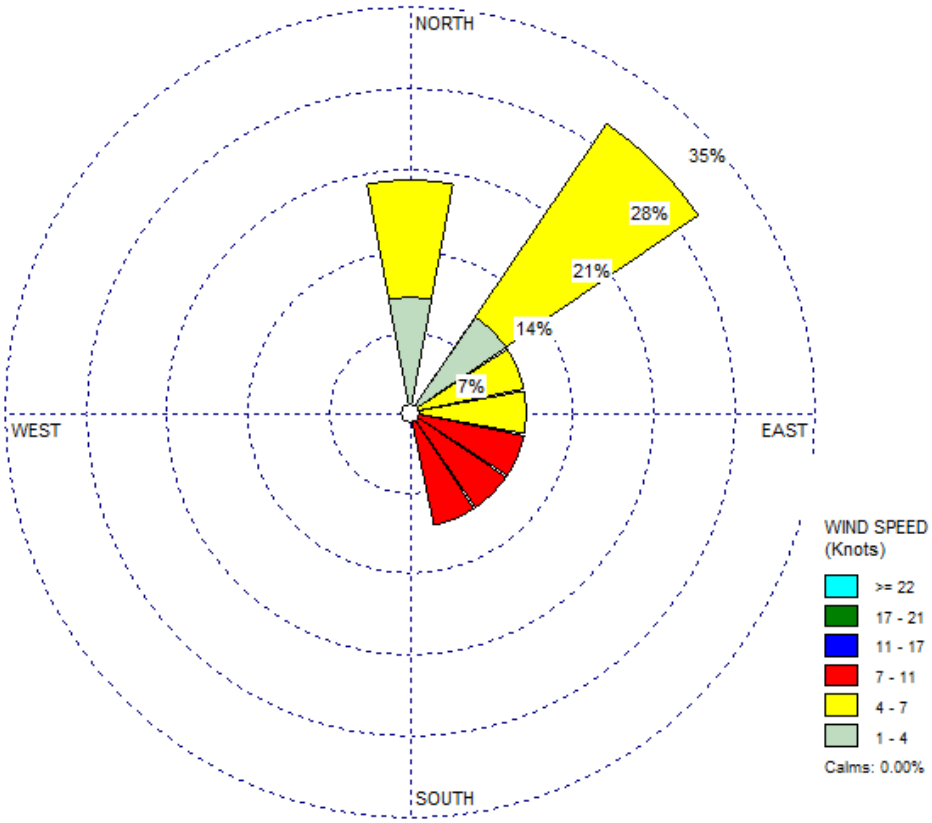
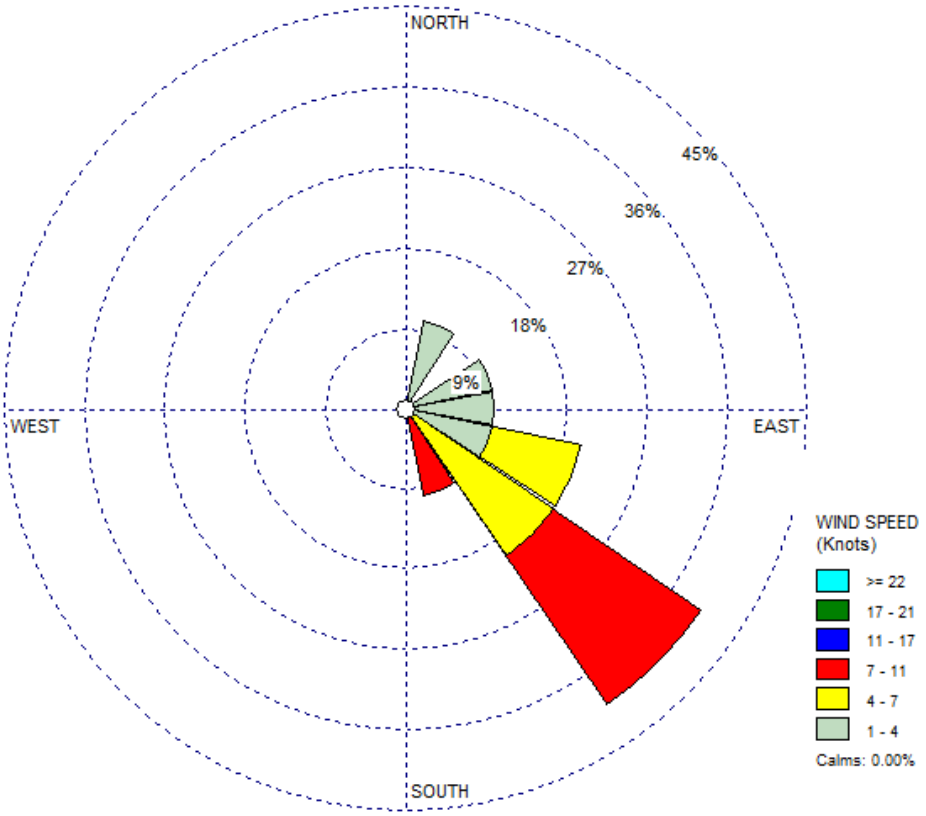
Figure 3 - Wind History Figure for Hillsboro Municipal Airport (blowing from)