Sherwin-Williams Site Cleanup
Emeryville, California

Dec 28, 2011

1450 Sherwin Avenue, Emeryville, CA

This is a weekly summary of site activities and perimeter air monitoring starting for the week of December 19 and going through December 25, 2011. Following is a brief overview of site activities occurring during this period and a discussion of air monitoring results compared to site action levels. Charts and figures are attached which show running averages for Respirable Particulate Matter of 10 micrometers or less (RPM10) running averages; Total Volatile Organic Compounds (TVOC) running averages; and wind speed and direction.

Site Activities
Site activities for the week included:

- Dust controls (water and street sweeping) were applied to excavation, stockpiles and exclusion work areas;
- Operation of street sweeper onsite on paved areas; truck exit ramp, Halleck Truck route and on adjacent roads surrounding the site during periods of truck import and export;
- Loading and export of 34 railcars (approx. 3,400 tons) of California hazardous material for transport to ECDC landfill in East Carbon, Utah;
- Loading and export of 9 truck loads (approx. 225 tons) of concrete for transport to Inter City Recycling center;
- Imported 345 truckloads (approx. 7,300 tons) of soil for placement of lower hydraulic conductivity (low K) backfill materials;
- Loading and export of 70 trucks (approx. 1,400 tons) of non-hazardous material for transport to local landfills;
- Excavation of approximately 1,000 cubic yards from the north end of the site to facilitate future surface drainage grading plan;
- Compaction testing was performed and met earthwork construction specification of minimum 95% of the maximum dry density of the backfill material above the water table and 90% maximum density below the water table;
- Analytical testing of stockpiled waste material occurred during the week for characterization of material for disposal;
- Completed installation of the interceptor trench, slurry wall extension trench and slurry wall breaches. The final clay cap for the SWE remains to be completed in January.
- pH monitoring of groundwater in Breach 1 and 2 risers;
- Truck ramp reconstruction occurred. Temporary Dura-mats were laid flat over the slurry-wall extension. Plastic tarp was laid over the dura-mats. 12 inch lifts of lower hydraulic conductivity (low k) backfill were placed and compacted with a total thickness of material of approximately 4 feet. Settlement plates were installed along the slurry wall extension (15 feet north and 20 feet south of the truck ramp);
- Covered new waste stockpiles with plastic and pinned down with sandbags and soil.

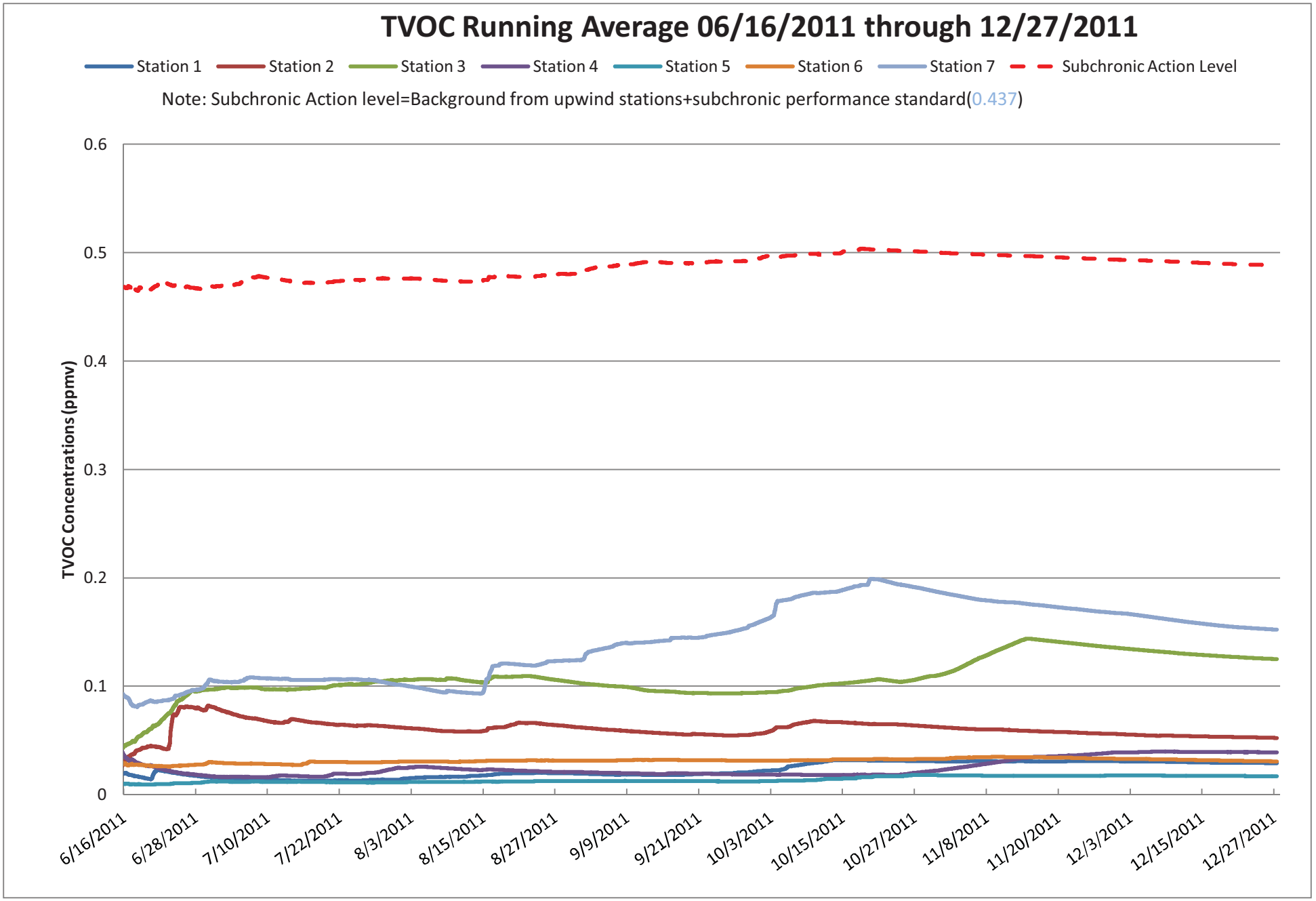
Existing stockpile of CAT3 material continues to have Hydroseal cover;
- On 23DEC11, onsite roads and access ways and waste material storage areas were sprayed with a dust suppressant, acronel (diluted with water and applied with the water truck), at end of day. Suppressant was supplied by Kuma and is equivalent to T-200;
- Arcadis submitted NPDES Notice of Termination to Water Board.

Air Monitoring and Sampling

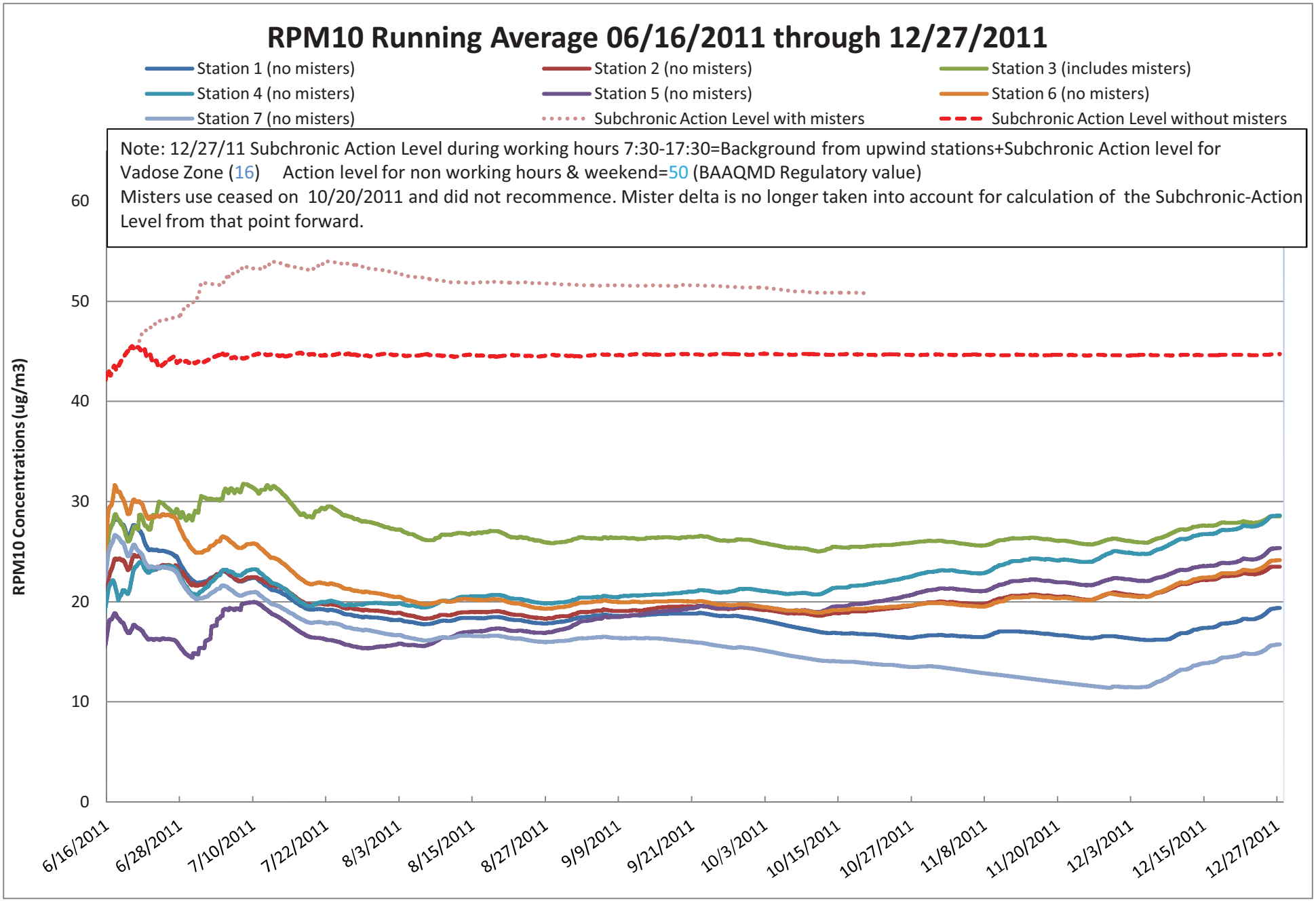
- Daily calculation of perimeter air action levels was performed, based on background conditions and level of source material being excavated;
- Daily calibration of the seven perimeter AMS locations was performed throughout the week;
- Daily perimeter real time air monitoring at seven AMS locations for RPM10 and Total volatile organic compounds (TVOCs);
- Daily meteorological data is collected on site and wind speed and direction is calculated in real time to determine upwind and downwind direction. A wind rose for the week is provided below;
- Higher than average 4 hour rolling average RPM10 levels were noted site-wide throughout the week. High levels were due to hazy conditions and high particulate levels regionally, as well as high relative humidity levels (RH) that coincided with low wind-speeds.
- The excavation area is nearly backfilled to final grade and a firm compacted surface has been constructed, therefore there is no need for misters to provide continuous dust and vapor controls in the vicinity of the main excavation. Misters are no longer in place along the Horton Street. As such, no mister delta continues to be incorporated into RPM10 action levels moving forward;
- Running averages for TVOC and RPM10 since the start of the project continue to be below their respective action levels at all AMSs. Charts for the running average for TVOCs and PM10 are provided below.

If you have any questions please feel free to contact us via the 24-hour toll-free Community Hotline (866)848-5307.

Camp Dresser & McKee Inc.


TVOC Running Average 06/16/2011 through 12/27/2011
Station 1
Station 2
Station 3
Station 4
Station 5
Station 6
Station 7
Subchronic Action Level
Note: Subchronic Action level=Background from upwind stations+subchronic performance standard(0.437)
TVOC Concentrations (ppmv)
0.6
0.5
0.4
0.3
0.2
0.1
0
6/16/2011
6/28/2011
7/10/2011
7/22/2011
8/3/2011
8/15/2011
8/27/2011
9/9/2011
9/21/2011
10/3/2011
10/15/2011
10/27/2011
11/8/2011
11/20/2011
12/3/2011
12/15/2011
12/27/2011

RPM10 Running Average 06/16/2011 through 12/27/2011

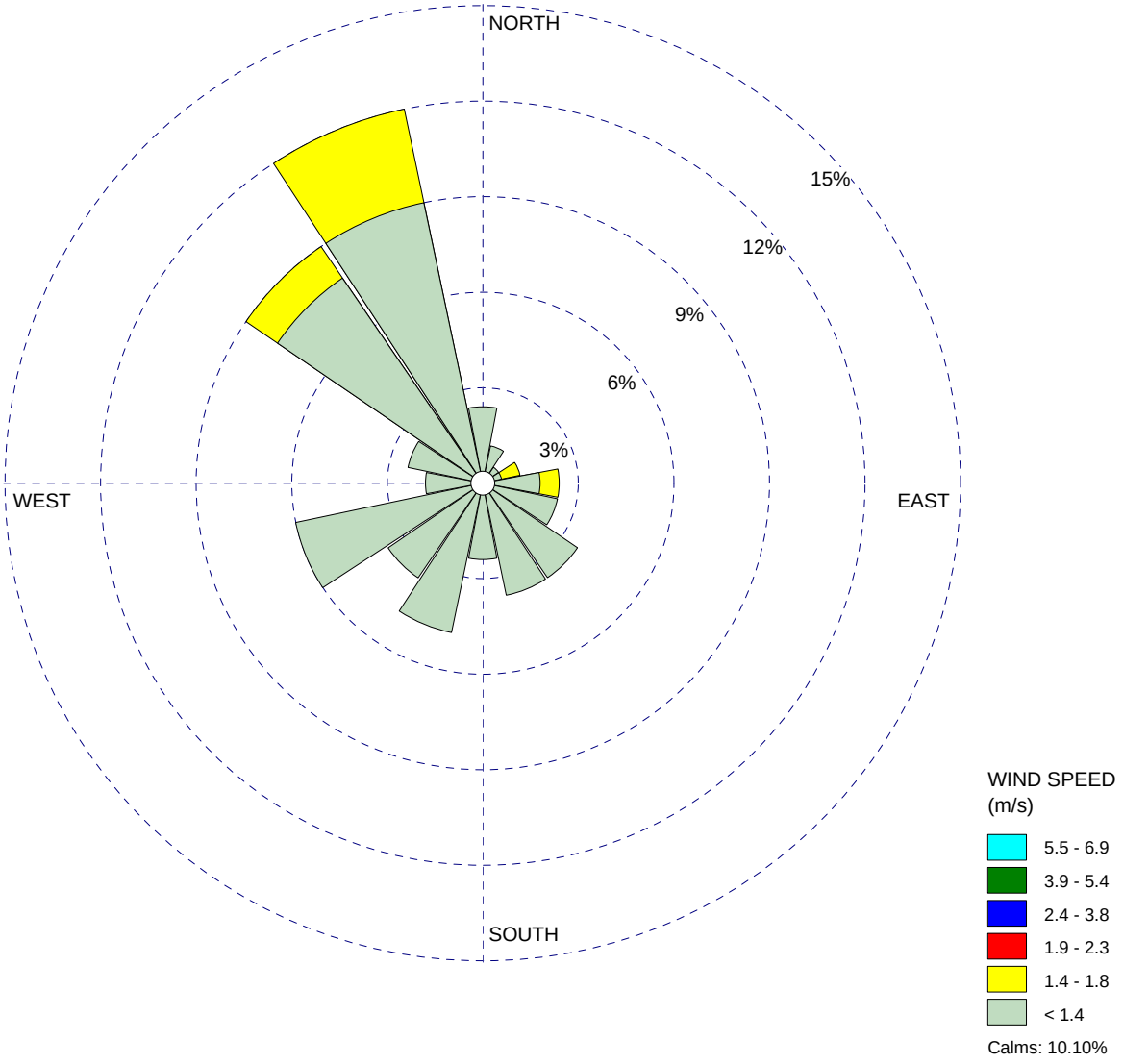


WIND ROSE PLOT:

Station #SW

DISPLAY:

Wind Speed
Direction (blowing from)



COMMENTS:	DATA PERIOD: **Start Date: 12/18/2011 - 22:00** **End Date: 12/25/2011 - 21:00**	COMPANY NAME:	
		MODELER:	
	CALM WINDS: **10.10%**	TOTAL COUNT: **167 hrs.**	
	AVG. WIND SPEED: **0.73 m/s**	DATE: **12/28/2011**	PROJECT NO.: