

# Sherwin-Williams Site Cleanup

## Emeryville, California

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February 1, 2012

1450 Sherwin Avenue, Emeryville, CA

This is a weekly summary of site activities and perimeter air monitoring starting for the week of January 23 and going through January 27, 2012. 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 (RPM<sub>10</sub>) 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, acryline, and plastic sheeting for stockpiles) were applied to excavation, stockpiles, and exclusion work areas;
- Street sweeper was on site to clean site roads and adjacent roads during periods of truck traffic entering and leaving the site;
- Loading and export of 74 trucks (approx. 1,800 tons) of non-hazardous material for transport to local landfills;
- No importing of backfill occurred;
- Concrete sidewalk along Horton Street and Rifkin was saw cut in preparation for the concrete pour for permanent fence installation;
- Fence posts for permanent fence along Horton Street was installed on January 27;
- Analytical testing of stockpiled waste material occurred during the week for characterization of material for disposal;
- Decommissioning of former NPDES water treatment plant (WTP) continued. WTP floor and walls were pressure washed before demolition of the WTP building. System piping was removed prior to building demo. Demolition of the WTP building occurred on January 26. Tanks were emptied, cleaned, demolished and removed. Remaining debris and metal from the demolition was cleaned up, segregated into stockpiles for scrap recycling or disposal. Concrete outside the WTP where tanks were previous located was washed down; Tanks and associated treatment piping was segregated into containment area for characterization. Wash water was contained and placed into remaining treatment tanks.
- Support structure for overhead lines between the WTP and Building 31 was partially taken down;
- Covered new waste stockpiles with plastic and anchored down with sandbags and soil.

### Air Monitoring and Sampling

- Daily calculation of perimeter air action levels was performed, based on background conditions and level of source material being excavated from January 23 to January 27;

- Calibration of the seven perimeter AMS locations was performed once a day from January 23 to January 27;
- Daily perimeter real time air monitoring at seven AMS locations for RPM<sub>10</sub> and Total volatile organic compounds (TVOCs) from January 23 to January 27;
- 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;
- During the mornings of January 25 and 26, Station #1 and #3 lost power and communication. Communication and power was restored by 10:45 AM on January 25 and 9:30 AM on January 26;
- Malfunctioning of the dust meter from AMS #4 occurred between January 23 and January 30. The original dust meter was water logged while the replacement meter from AirLogics failed to function. A functional replacement meter was received January 30;
- Running averages for TVOC and RPM<sub>10</sub> 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 PM<sub>10</sub> are provided below.

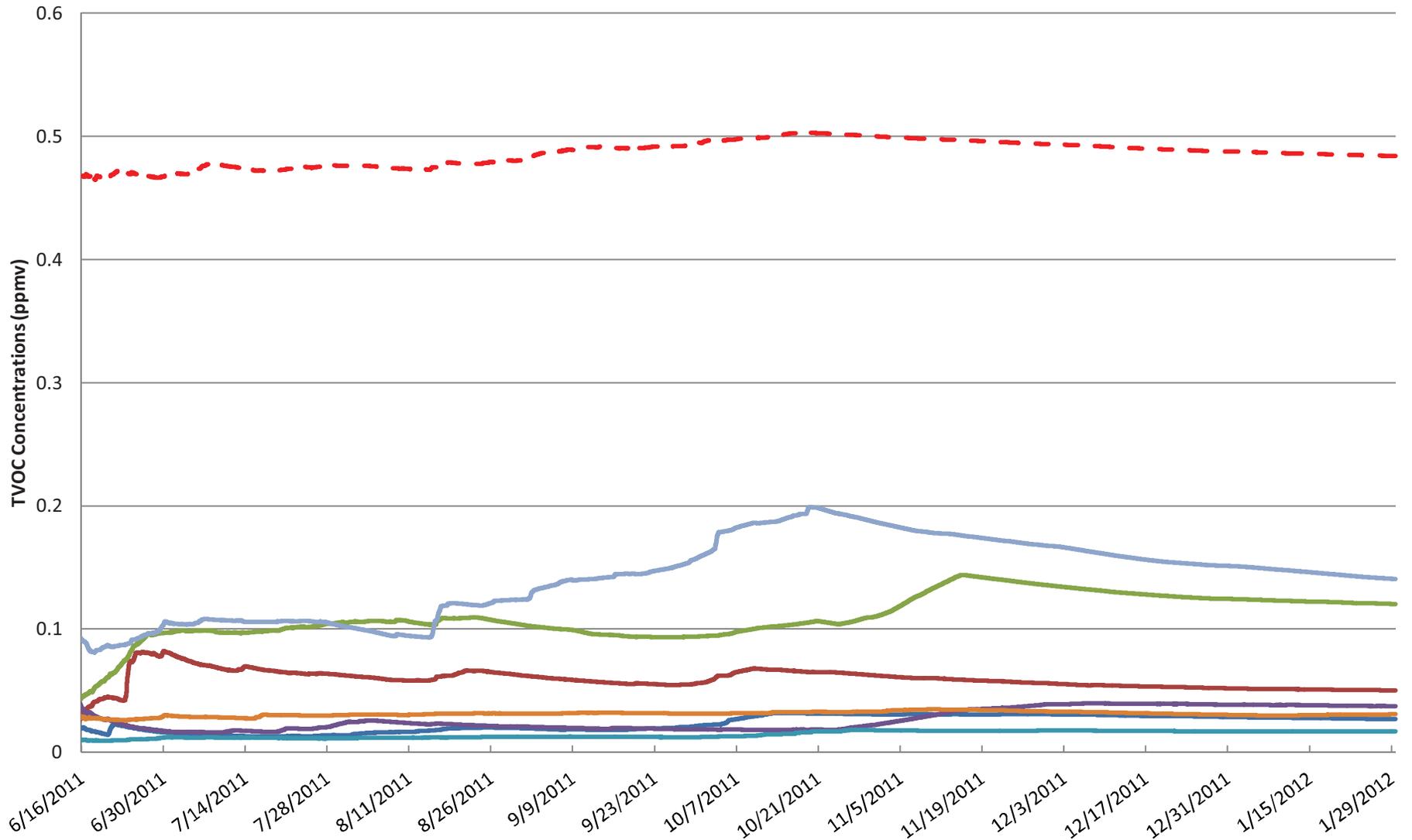
If you have any questions please feel free to contact us via the 24-hour toll-free Community Hotline (866)848-5307.

CDM Smith Inc.

# TVOC Running Average 06/16/2011 through 1/29/2012

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)



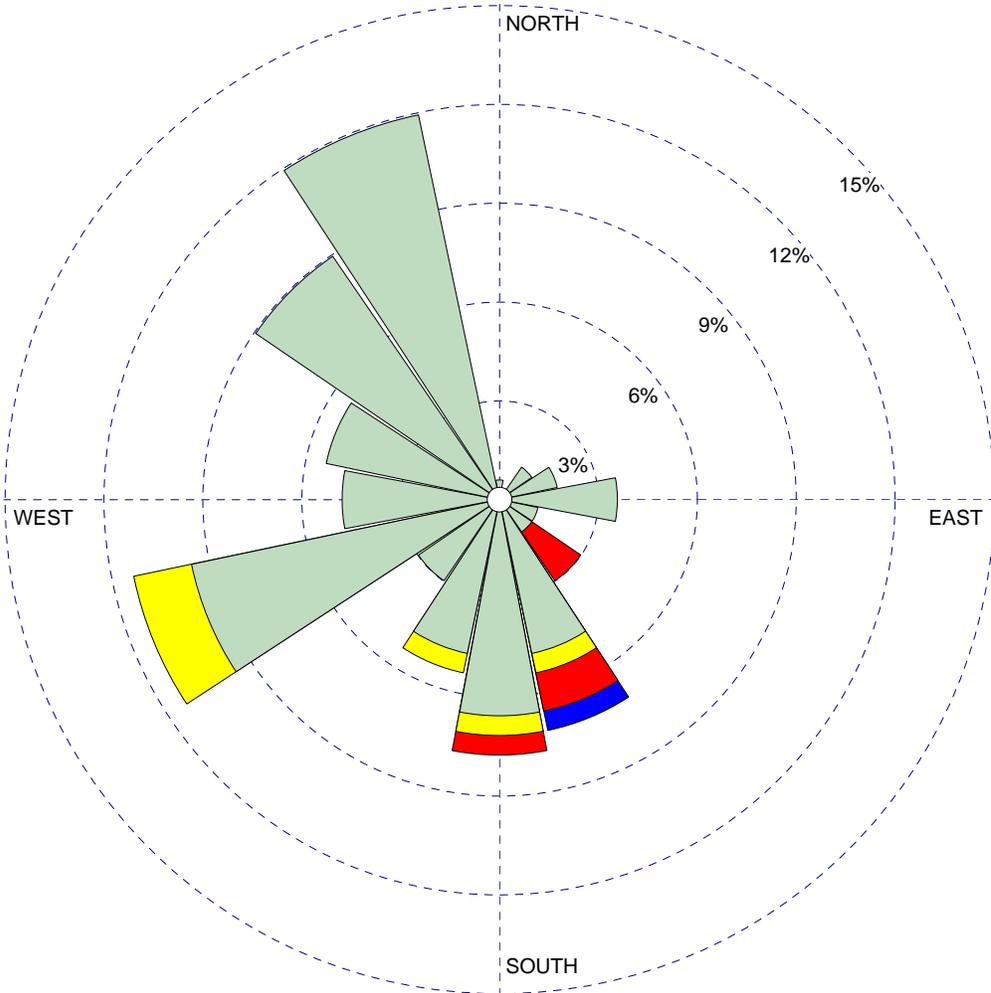


WIND ROSE PLOT:

**Station #SW**

DISPLAY:

**Wind Speed  
Direction (blowing from)**



WIND SPEED  
(m/s)

- 5.5 - 6.9
- 3.9 - 5.4
- 2.4 - 3.8
- 1.9 - 2.3
- 1.4 - 1.8
- < 1.4

Calms: 5.79%

COMMENTS:

DATA PERIOD:

**Start Date: 1/22/2012 - 22:00  
End Date: 1/29/2012 - 21:00**

COMPANY NAME:

MODELER:

CALM WINDS:

**5.79%**

TOTAL COUNT:

**168 hrs.**

AVG. WIND SPEED:

**1.07 m/s**

DATE:

**1/29/2012**

PROJECT NO.: