

Sherwin-Williams Site Cleanup

Emeryville, California

February 15, 2012

1450 Sherwin Avenue, Emeryville, CA

This is a weekly summary of site activities and perimeter air monitoring starting for the week of February 6 through February 10, 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 (RPM₁₀) running averages; Total Volatile Organic Compounds (TVOC) running averages; and wind speed and direction.

Site Activities

Site activities for the week included:

- Dust, vapor and odor control measures continued to be implemented onsite. Control measures included: localized use of windscreens, water, and dust suppressants, and covering waste material stockpiles with plastic sheeting;
- Street sweeper was on site to clean site roads and adjacent roads during periods of truck traffic entering and leaving the site;
- Imported 37 truck-loads (approx. 900 tons) of Syar Class II ¾ inch aggregate base material for the reconstruction of the parking lot removed from the former Rifkin property during excavation;
- Imported 70 truck-loads (approx. 1,300 tons) of Nimitz Freeway clay soil for the slurry wall extension cap. The clay was spread out onsite for moisture conditioning in the mornings while covered with plastic in the afternoons to keep out rain; QA testing of the clay soil was performed. Tests included permeability testing in addition to other standard plasticity, gradation and compaction density testing.
- Imported 66 truck-loads (approx. 1450 tons) of Syar Class II Perm gravel for final cover. Material was stockpiled on west side of the site on the upper deck;
- The excavation of storm drain adjacent to Building 31 was temporarily suspended pending characterization of subsurface soil.
- Placement of the final gravel cover in the former main excavation area continued;
- 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;
- Dewatering of both the hot spot by building 31 and the storm drain trench near the former WTP occurred on February 8.;
- Stormwater pollution BMPs were installed (including straw wattles) and pumps were set up in the north end sump by the plugged manhole in anticipation of rain;
- 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 February 6 to February 10;
- Calibration of the seven perimeter AMS locations was performed daily from February 6 to February 10;
- Daily perimeter real time air monitoring at seven AMS locations for RPM₁₀ and Total volatile organic compounds (TVOCs) from February 6 to February 10;
- 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;
- Malfunctioning of the dust meter from AMS #7 occurred on February 11 between 9:30 am and 11:30 am. The dust meter recalibration on February 11 resolved the problem and has functioned normally since recalibration;
- 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.

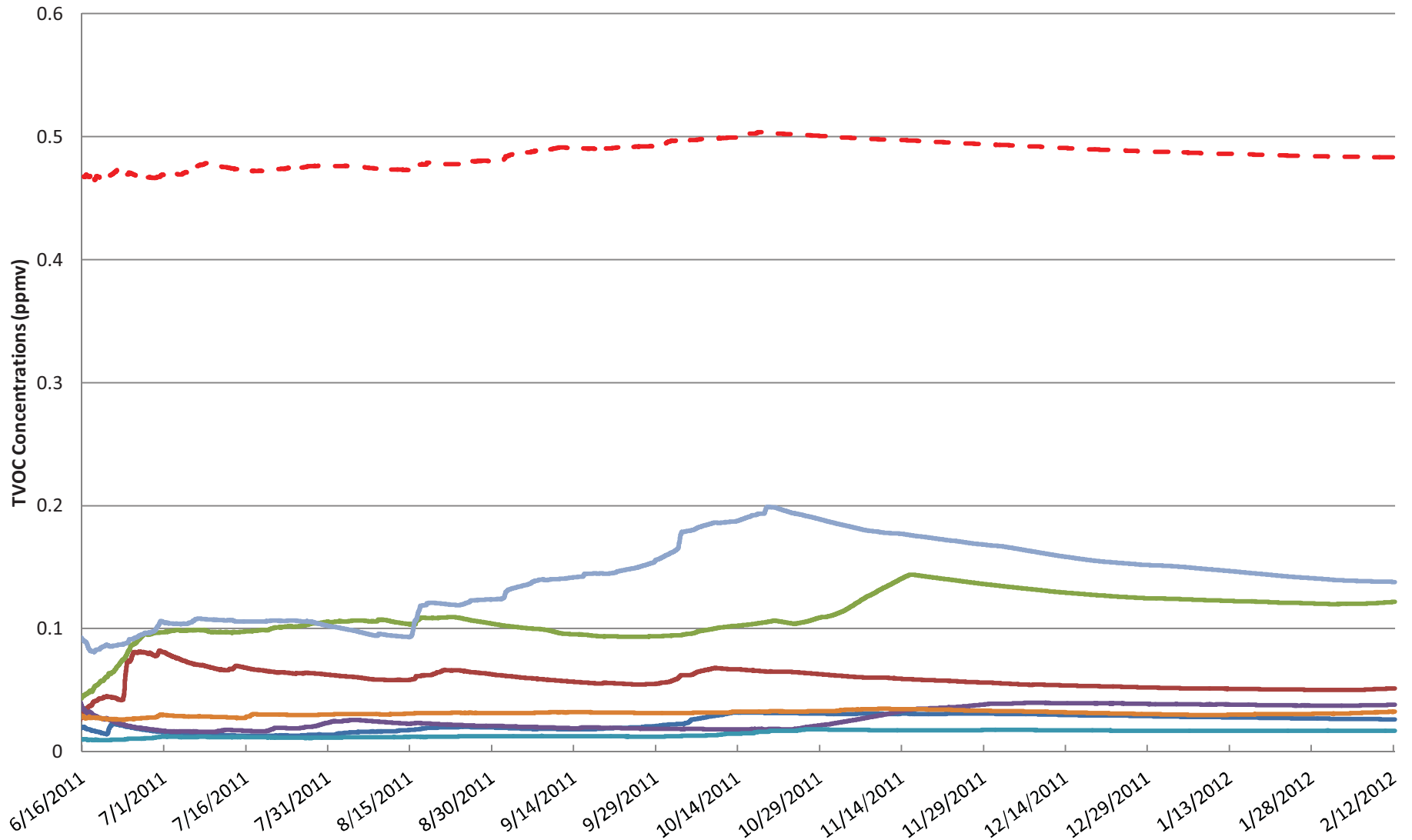
If you have any questions please feel free to contact us via the 24-hour toll-free Community Hotline (866)848-5307.

CDM Smith Inc.

TVOC Running Average 06/16/2011 through 2/12/2012

Station 1 Station 2 Station 3 Station 4 Station 5 Station 6 Station 7 Subchronic Action Level

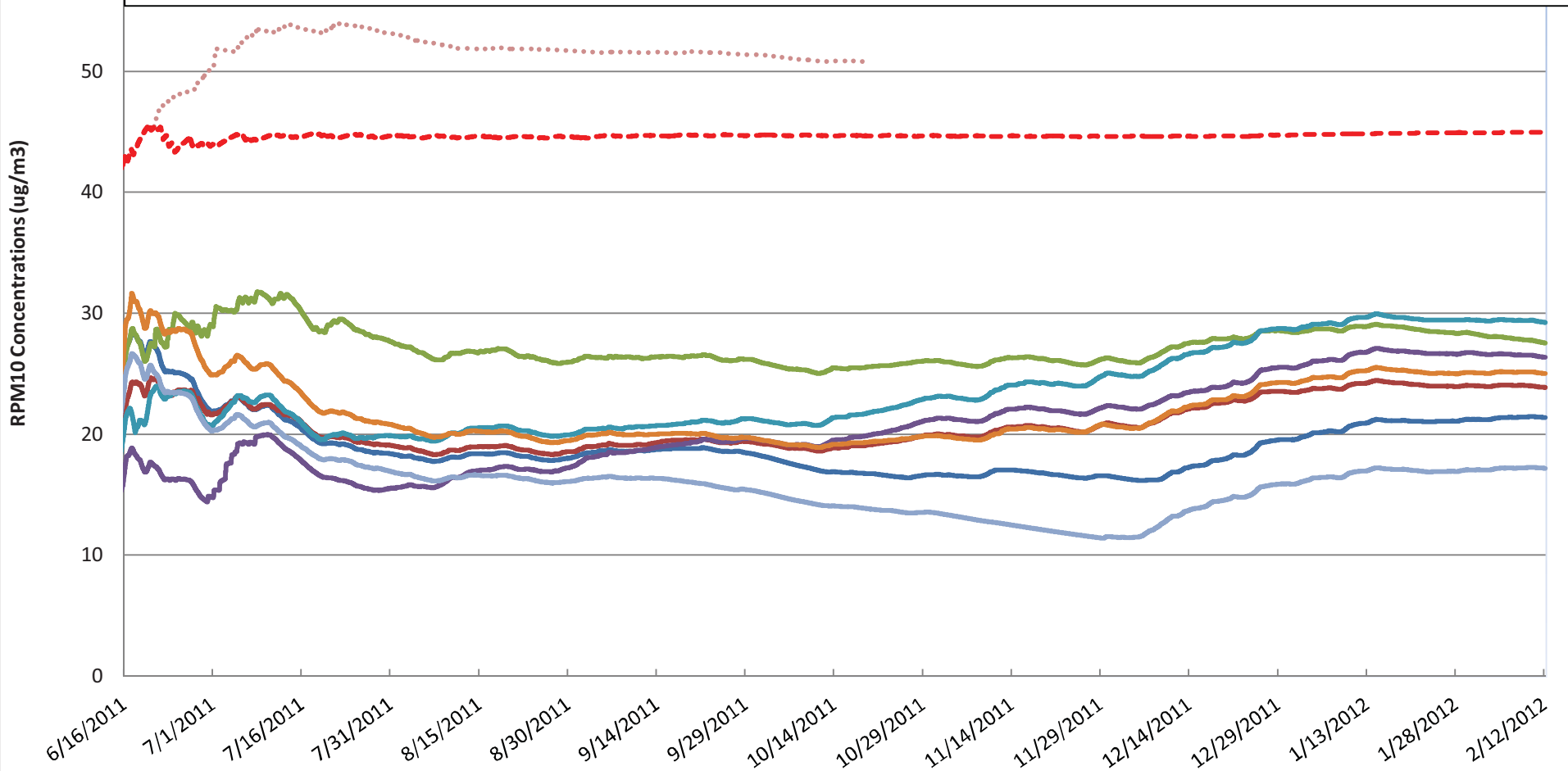
Note: Subchronic Action level=Background from upwind stations+subchronic performance standard(0.437)



RPM10 Running Average 06/16/2011 through 2/12/2012

- Station 1 (no misters) Station 2 (no misters) Station 3 (includes misters)
- Station 4 (no misters) Station 5 (no misters) Station 6 (no misters)
- Station 7 (no misters) Subchronic Action Level with misters Subchronic Action Level without misters

Note: 2/10/12 Subchronic Action Level during working hours 7:30-17:30=Background from upwind stations+Subchronic Action level for Vadose Zone (16) Action level for non working hours & weekend=50 (BAAQMD Regulatory value)
 Misters use ceased on 10/20/2011 and did not recommence. Mister delta is no longer taken into account for calculation of the Subchronic-Action Level from that point forward.

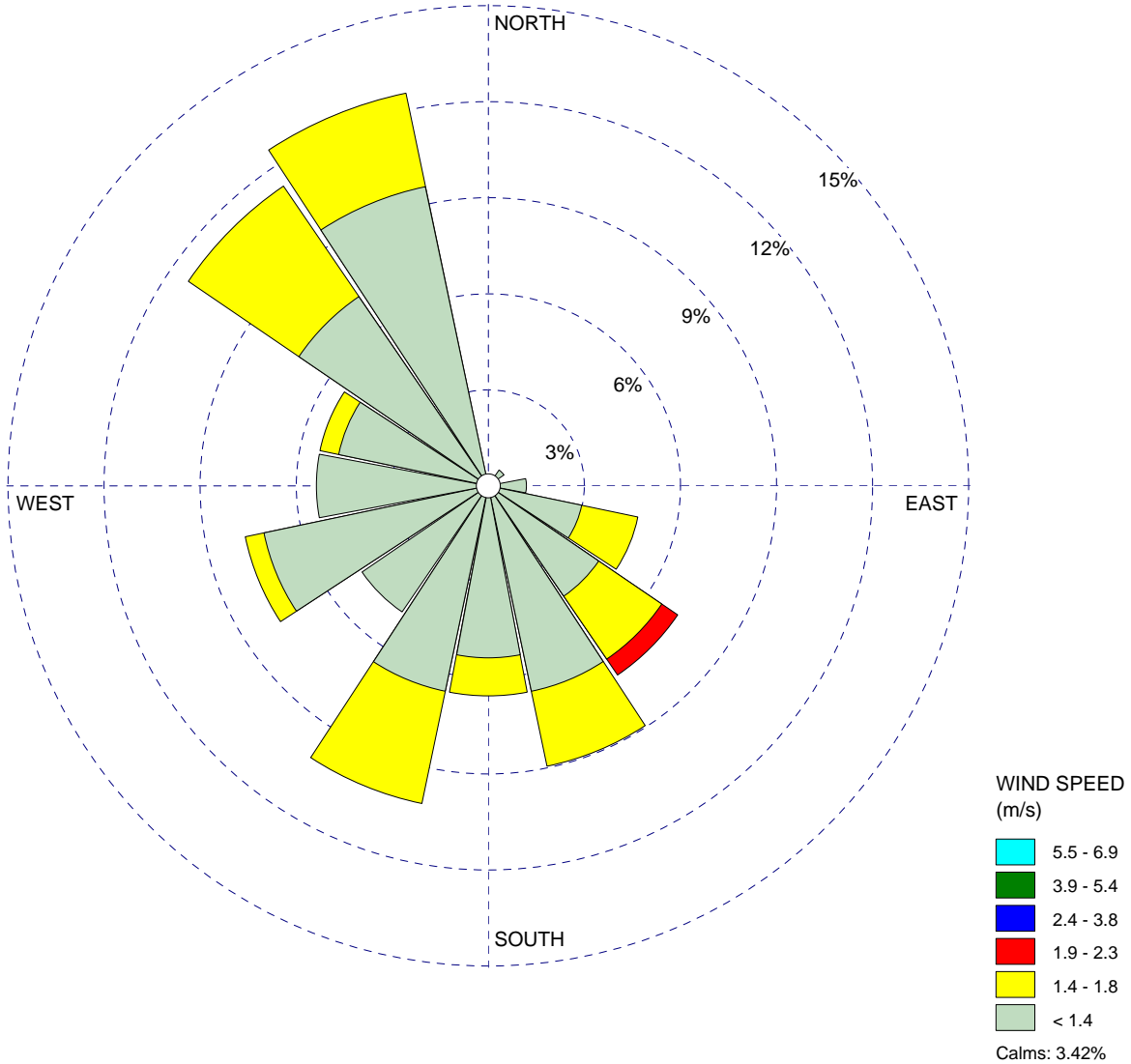


WIND ROSE PLOT:

Station #SW

DISPLAY:

**Wind Speed
Direction (blowing from)**



COMMENTS:

DATA PERIOD:

**Start Date: 2/5/2012 - 22:00
End Date: 2/12/2012 - 21:00**

COMPANY NAME:

MODELER:

CALM WINDS:

3.42%

TOTAL COUNT:

168 hrs.

AVG. WIND SPEED:

1.35 m/s

DATE:

2/13/2012

PROJECT NO.: