

Sherwin-Williams Site Cleanup

Emeryville, California

Jan 24, 2012

1450 Sherwin Avenue, Emeryville, CA

This is a weekly summary of site activities and perimeter air monitoring starting for the week of January 16 and going through January 20, 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 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 102 trucks (approx. 2,244 tons) of Category 2 material for transport to the San Francisco Bay Railroad (SFBR) rail yard for transport to ECDC landfill in East Carbon, Utah in rail cars;
- Loading and export of 174 trucks (approx. 4,330 tons) of non-hazardous material for transport to local landfills;
- No importing of backfill occurred;
- Removal of plywood facing and scaffolding sidewalk wall along Horton Street;
- Backfilling of clean soil and 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;
- Grading in area of main excavation backfill continued; Rough contouring for drainage occurred.
- Breaking of old buried railroad scale concrete in the north area for removal. Concrete stockpile was separated into concrete for recycling and soil to be exported once sampled and categorized;
- Excavation of underground utility pipes continued; Trenches were backfilled with low permeable clean soil to compaction specifications.
- Decommissioning of former NPDES water treatment plant (WTP) continued. Treatment for EBMUD discharge remains operational.
- RES Environmental Services (EVCN subcontractor) was on site to remove sludge from 9 tanks from the former NPDES treatment system. CAT₄ sludge was placed in 5 labeled drums. The CAT₂ sludge was stockpiled on site for transport and disposal. Lab pack

material was drummed, labeled and stored on site;

- Site was prepared for rain by inspecting SWPPP controls and installation of straw waddles in temporary drainage swale to control potential sedimentation;
- 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 16 to January 20;
- Calibration of the seven perimeter AMS locations was performed during the week;
- Daily perimeter real time air monitoring at seven AMS locations for RPM₁₀ and Total volatile organic compounds (TVOCs) from January 16 to January 20;
- 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;
- On January 16, Station #3 was taken offline since the connecting power line was removed as a part of pre-work to removing the scaffolding. VOC and dust measurements were taken every half hour with hand held units until the station was running again. Station #3 was connected back on solar power on January 17 in the afternoon;
- 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.

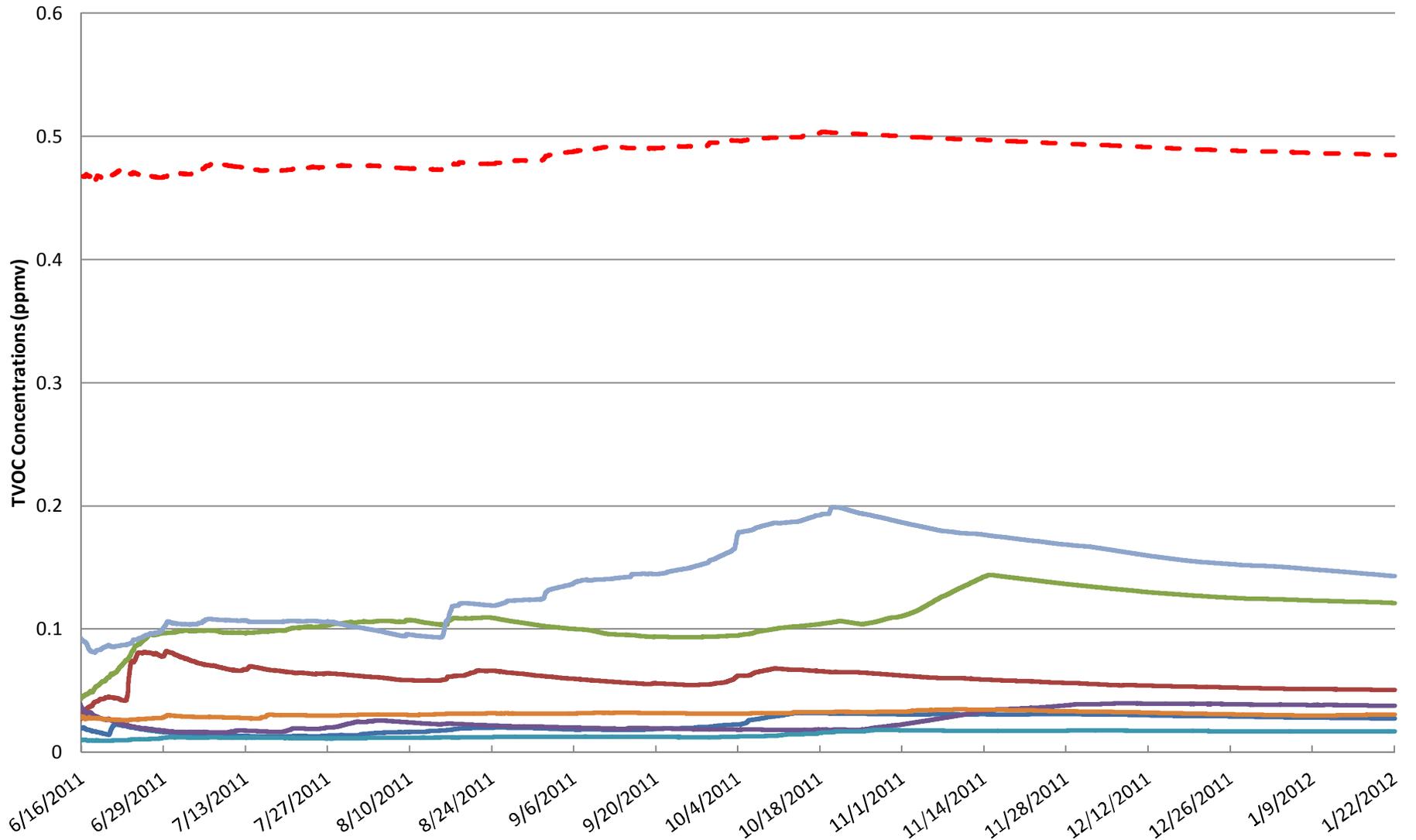
If you have any questions please feel free to contact us via the 24-hour toll-free Community Hotline (866)848-5307.

CDM Smith Inc.

TVOC Running Average 06/16/2011 through 1/22/2012

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

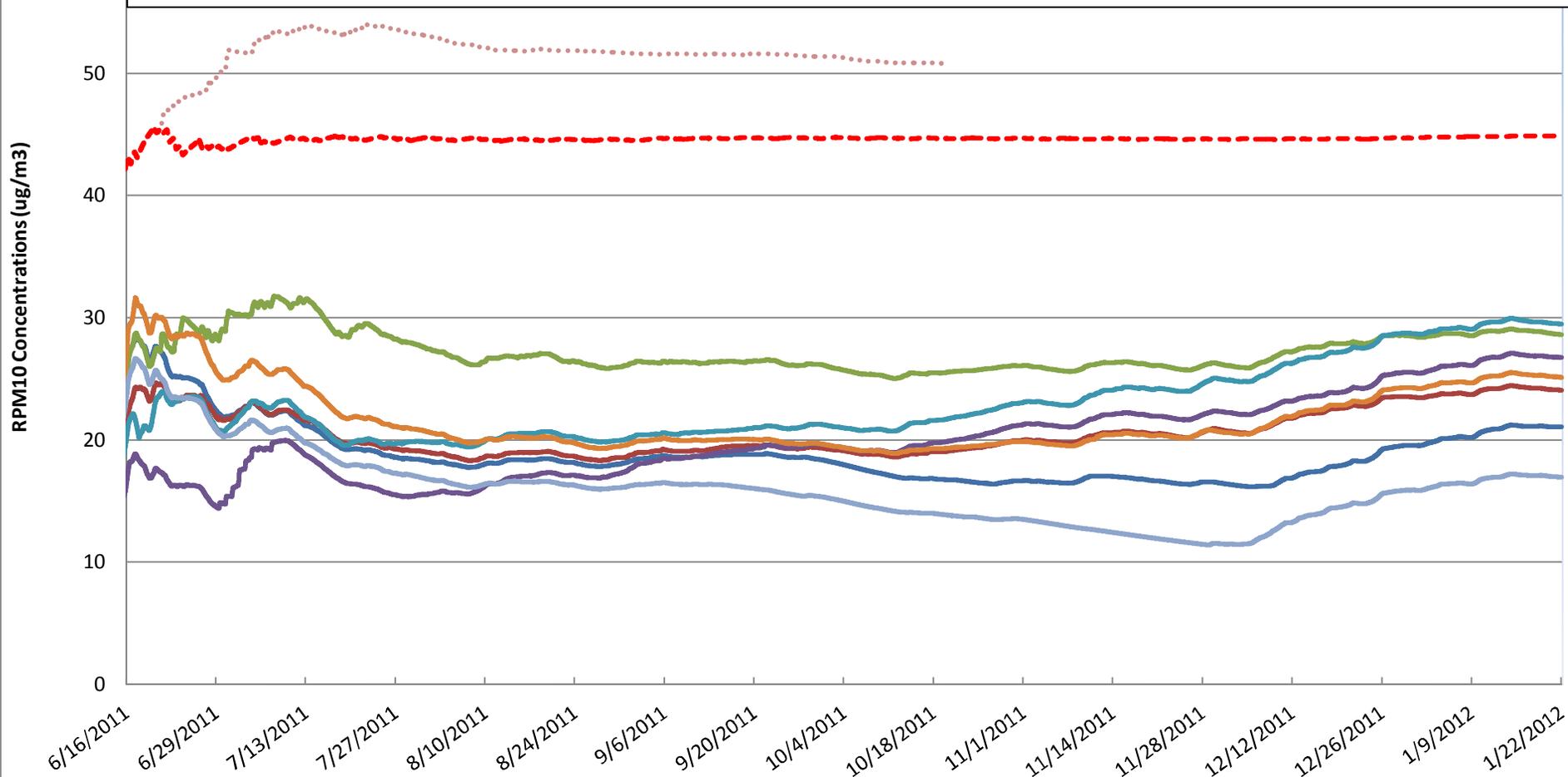
Note: Subchronic Action level=Background from upwind stations+subchronic performance standard(0.437)



RPM10 Running Average 06/16/2011 through 1/22/2012

- 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: 1/20/12 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.

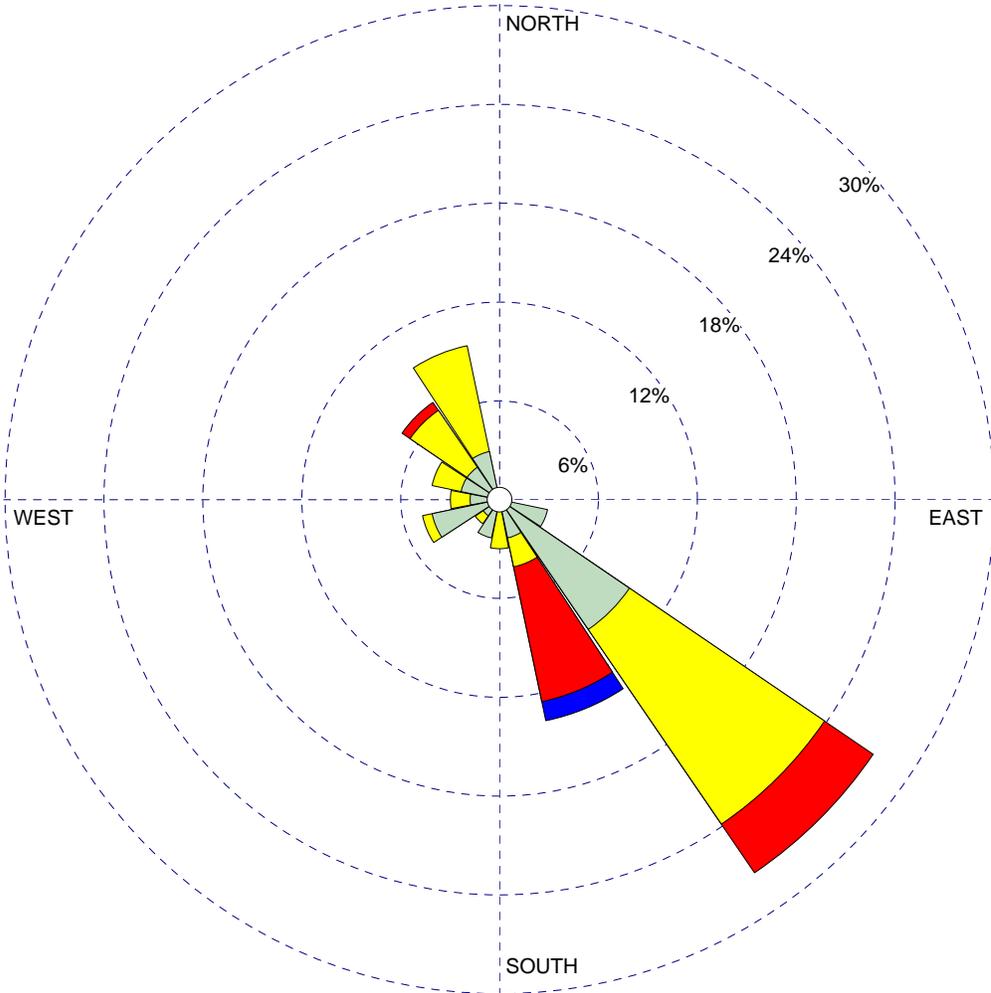


WIND ROSE PLOT:

Station #SW

DISPLAY:

**Wind Speed
Direction (blowing from)**



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: 4.75%

COMMENTS:

DATA PERIOD:

**Start Date: 1/15/2012 - 22:00
End Date: 1/22/2012 - 21:00**

COMPANY NAME:

MODELER:

CALM WINDS:

4.75%

TOTAL COUNT:

168 hrs.

AVG. WIND SPEED:

2.05 m/s

DATE:

1/23/2012

PROJECT NO.: