

Sherwin-Williams Site Cleanup

Emeryville, California

Jan 16, 2012

1450 Sherwin Avenue, Emeryville, CA

This is a weekly summary of site activities and perimeter air monitoring starting for the week of January 9 and going through January 13, 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;
- Operation of street sweeper on site paved areas was not performed. A bobcat compact tractor was used to clean on-site hard surface roads;
- No exporting of waste material occurred;
- No importing of backfill occurred;
- 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;
- Demolition of the railroad spur and removal of ballast continued;
- Final grading in area of main excavation backfill on the north end began;
- Extension of “hot spot” excavation occurred on the north and west walls of CDM-SB50 and south wall of SB-7AB. The new side wall material was excavated and sampled for confirmation sampling;
- Excavation of clay and steel storm drain pipes began. A 10” cast iron water pipe, which extended east to west, running through hotspot SB50, was removed;
- Decommissioning of water treatment plant began. Tanks inside the water treatment building were opened and sludge material was inspected for disposal planning;
- Analytical testing of sludge material occurred during the week for characterization of material for disposal;
- 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 9 to January 13;

- Daily calibration of the seven perimeter AMS locations was performed on January 11;
- Daily perimeter real time air monitoring at seven AMS locations for RPM₁₀ and Total volatile organic compounds (TVOCs) from January 9 to January 13;
- 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.
- On January 11, the AMS station #6 experienced a PID lamp failure. Real-time monitoring of TVOCs ceased at the station until the PID was replaced on January 12.
- 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.

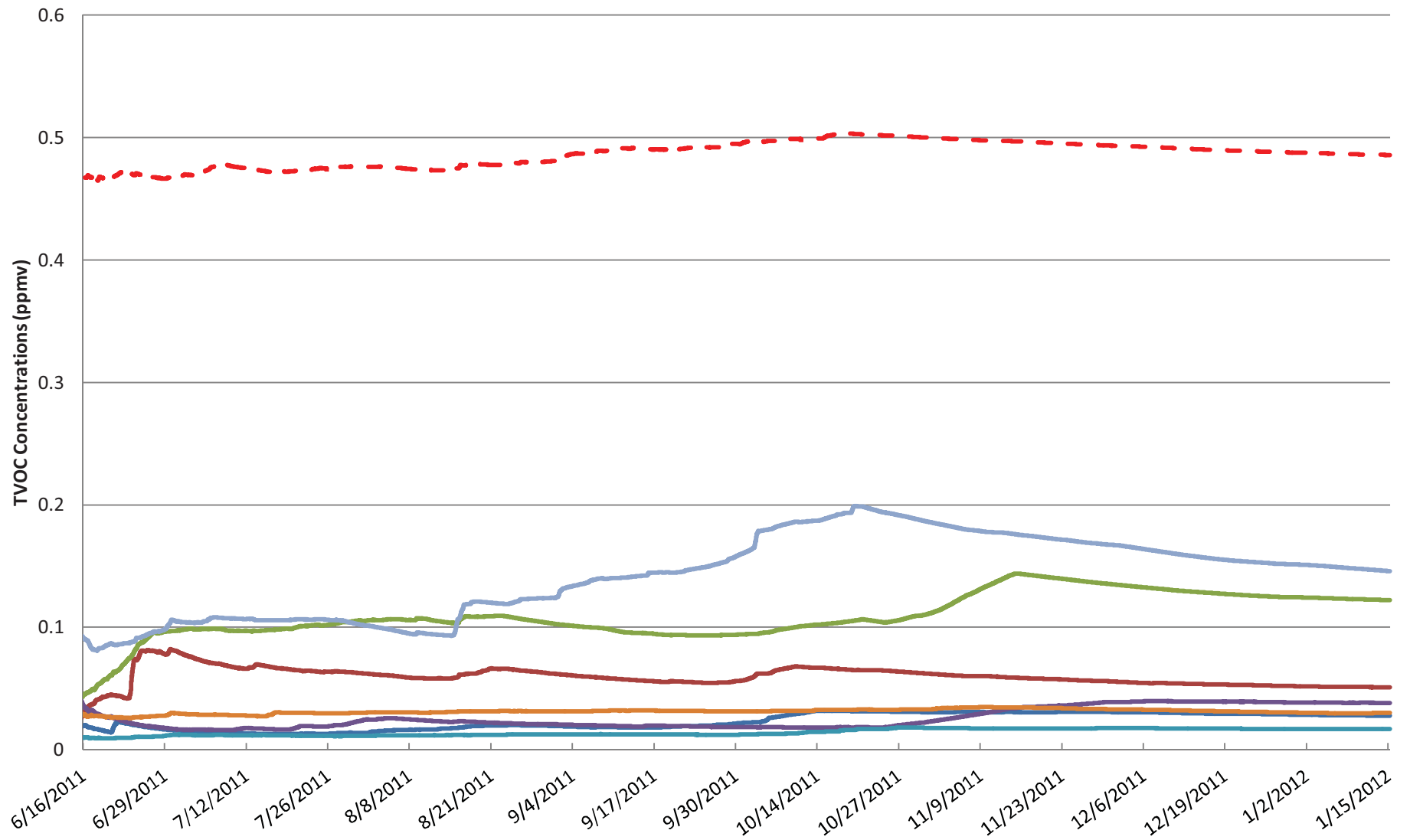
If you have any questions please feel free to contact us via the 24-hour toll-free Community Hotline (866)848-5307.

CDM Smith Inc.

TVOC Running Average 06/16/2011 through 1/15/2012

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

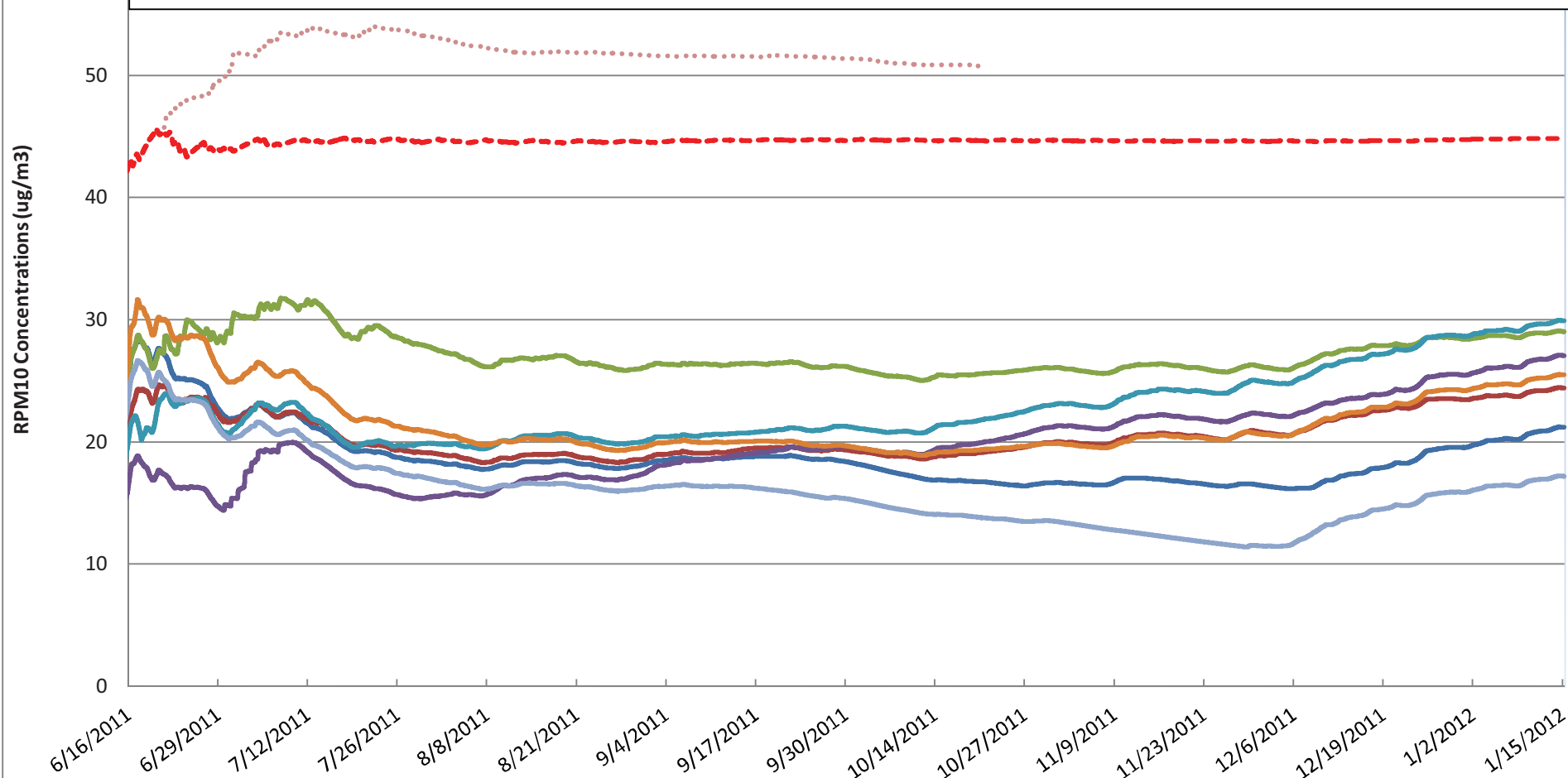
Note: Subchronic Action level=Background from upwind stations+subchronic performance standard(0.437)



RPM10 Running Average 06/16/2011 through 1/15/2012

- 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

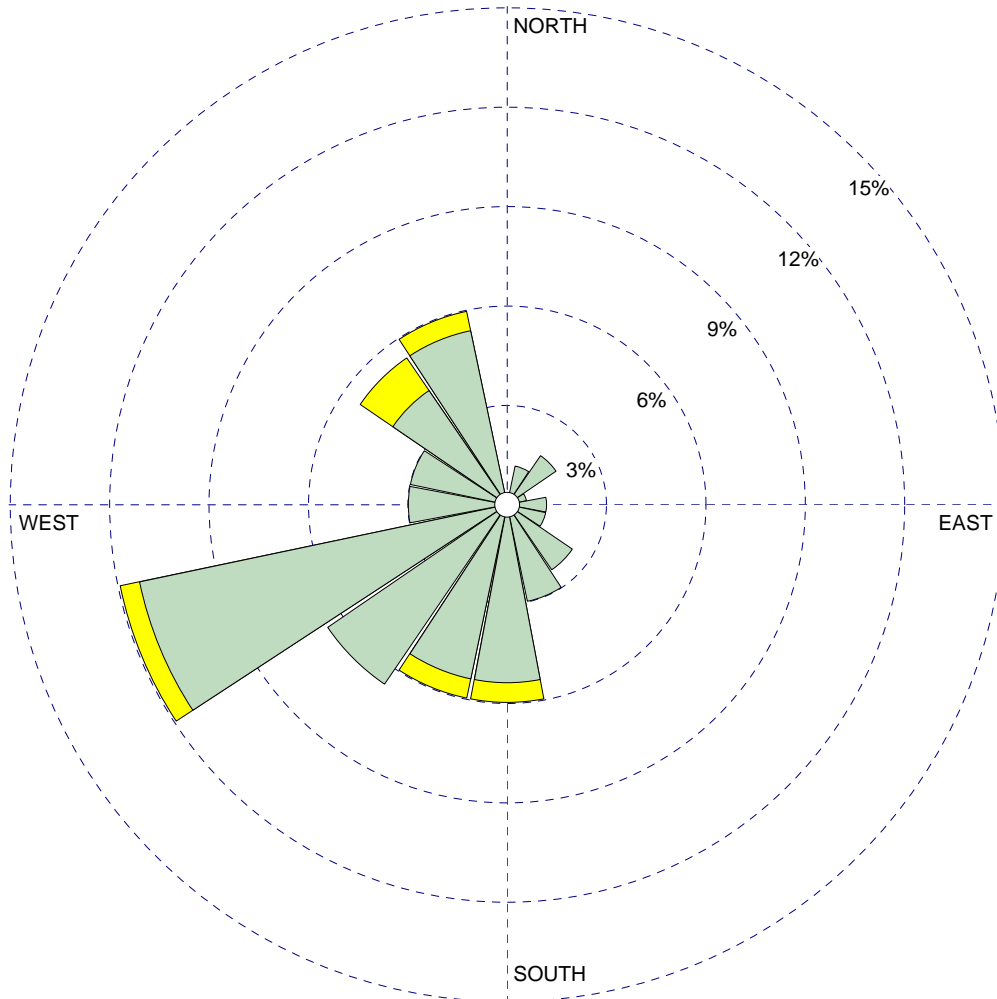
Note: 1/13/12 Subchronic Action Level during working hours 7:30-17:30=Background from upwind stations+Subchronic Action level for Vadose Zone (16) Action level for non working hours & weekend=50 (BAAQMD Regulatory value)
Misters use ceased on 10/20/2011 and did not recommence. Mister delta is no longer 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: 1/8/2012 - 22:00
End Date: 1/15/2012 - 21:00

COMPANY NAME:

MODELER:

CALM WINDS:

10.25%

TOTAL COUNT:

168 hrs.

AVG. WIND SPEED:

0.72 m/s

DATE:

1/15/2012

PROJECT NO.: