

Sherwin-Williams Site Cleanup

Emeryville, California

March 9, 2012

1450 Sherwin Avenue, Emeryville, CA

This is a weekly summary of site activities and perimeter air monitoring starting for the week of February 20 through 24, 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 and to clean site paved surfaces no longer in use;
- No import of material occurred during the week;
- Exported 58 truck-loads (approx. 1,250 tons) of non-hazardous material to local landfills;
- Exported 2 bins of Category 4 RCRA debris to US Ecology;
- Placement of the final gravel cover on the slurry wall extension (SWE) continued;
- Restoration of Novartis parking lot continued. Light posts, fencing, and an emergency post were installed;
- The paved areas on the Sherwin-Williams property, adjacent to the Novartis parking lot, were cleaned. Sediment on the paved areas was collected for disposal followed by cleaning with pressure water. Gravel was added to areas where asphalt was either missing or broken;
- Material inside the former wastewater treatment plant (WTP) tanks was vacuumed out for transport and disposal. The tanks themselves were cut and placed in bins for disposal;
- Three groundwater monitoring wells were installed along the northwest perimeter;
- Power was cut off to the site around 8:30 AM on February 21 until mid afternoon February 24 for work relating to the former underground storage tank (UST) abandonment. The former UST is located adjacent and partially under the site transformer;
- Excavation around the former UST began on February 21. Excavation extended north along the transformer pad, east to the partially exposed two water utility lines, south to the existing excavation for the arsenic “hot spot,” and west to the existing excavation for railroad and storm sewer demolition to an elevation of 10 feet. The contents of the UST, sludge and water, were pumped out. The tank was abandoned in place on February 24 by filling it with neat cement;

- Low spots on the north end of former Building 35 foundation continued to be filled with Nimitz clay and compacted to prevent ponding;
- Compaction testing of the areas of crack restoration adjacent to the slurry wall extension clay cap was performed and met specifications;
- Analytical testing of stockpiled waste material occurred during the week for characterization of material for disposal; and,
- All waste stockpiles covered with plastic and anchored down with sandbags and soil.

Air Monitoring

- Since power was cut off to the site around 8:30 AM on February 21 until mid afternoon February 24, the air monitoring system was not able to communicate to the real-time computer system during that time. The PID and dust meters were operational and recording data at all air monitoring stations, except for air monitoring station #4, which runs on supplied electricity instead of solar power as the rest of the air monitoring stations. Data was manually downloaded on February 28;
- Daily calculation of perimeter air action levels was performed, based on background conditions and level of source material being excavated on February 20 and February 24;
- Calibration of the seven perimeter AMS locations was performed on February 21 and February 23;
- Daily perimeter real time air monitoring at seven AMS locations for RPM₁₀ and Total volatile organic compounds (TVOCs) on February 20 and February 24. PID readings were taken at breathing level in the former UST area during work, and were below action levels; and,
- Daily meteorological data was collected on site. Wind speed and direction was calculated to determine upwind and downwind direction. A wind rose for the week is provided below;
- 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.

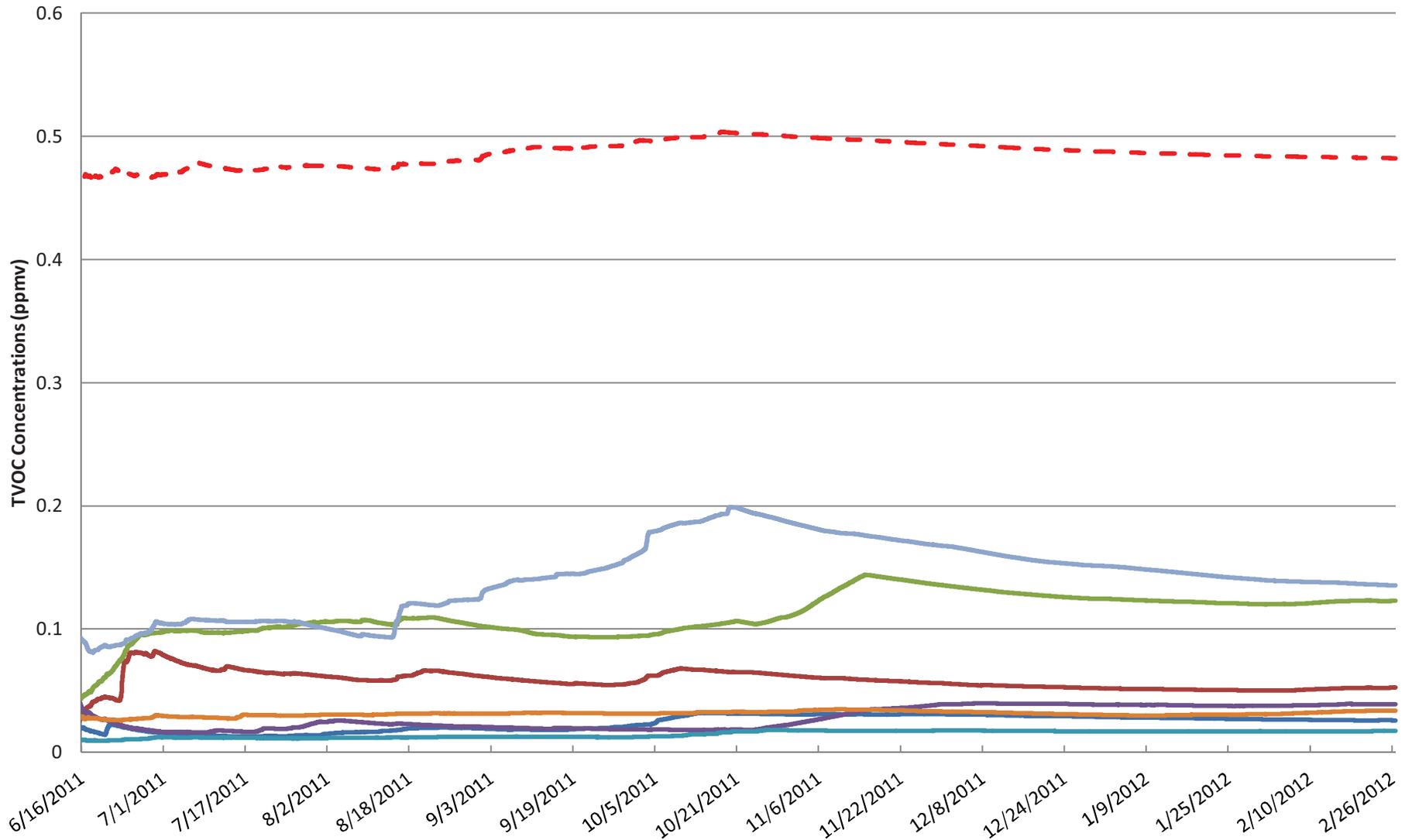
If you have any questions please feel free to contact us via the 24-hour toll-free Community Hotline (866)848-5307.

CDM Smith Inc.

TVOC Running Average 06/16/2011 through 2/26/2012

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

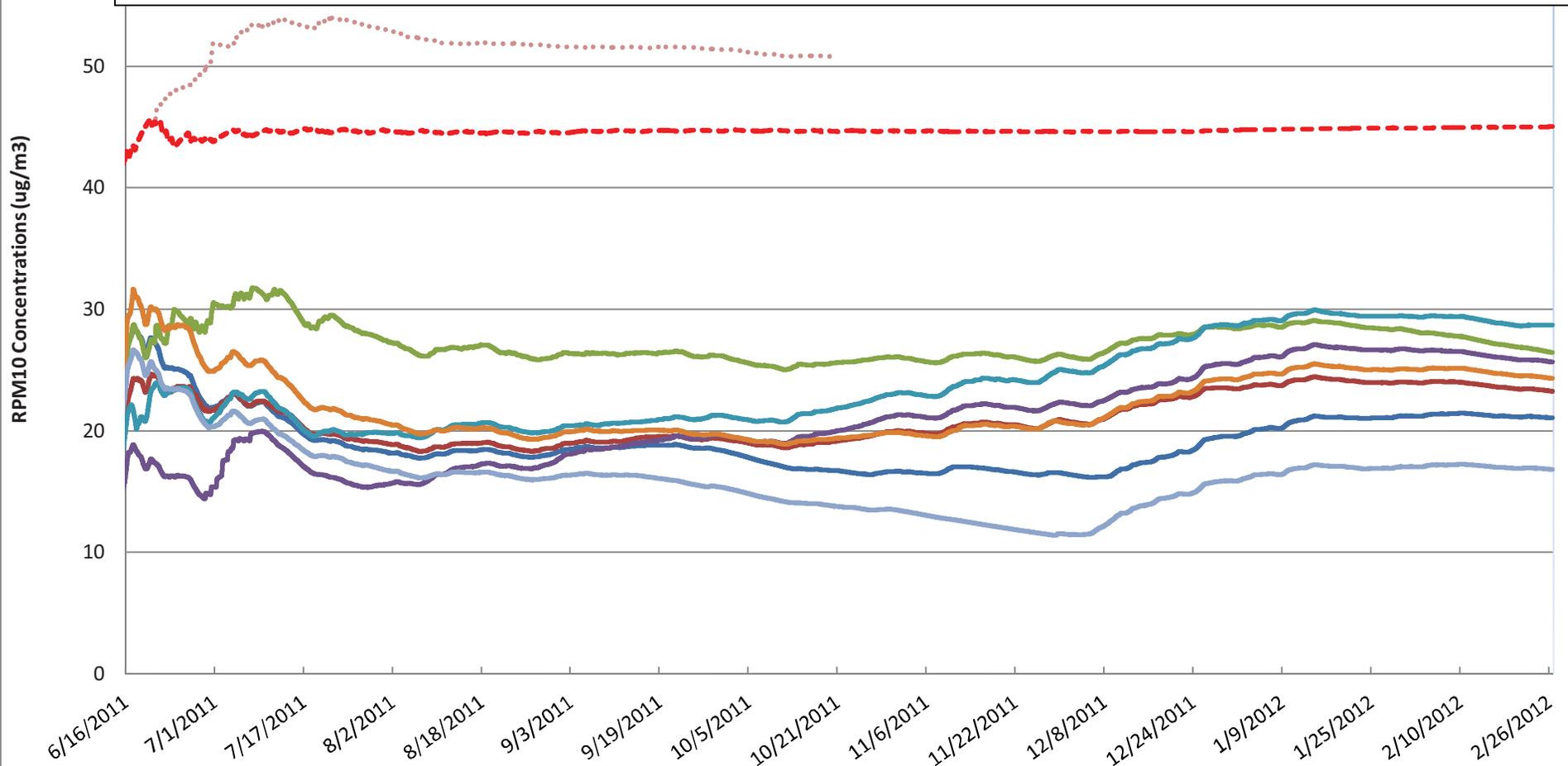
Note: Subchronic Action level=Background from upwind stations+subchronic performance standard(0.437)



RPM10 Running Average 06/16/2011 through 2/26/2012

- 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: 2/24/12 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.

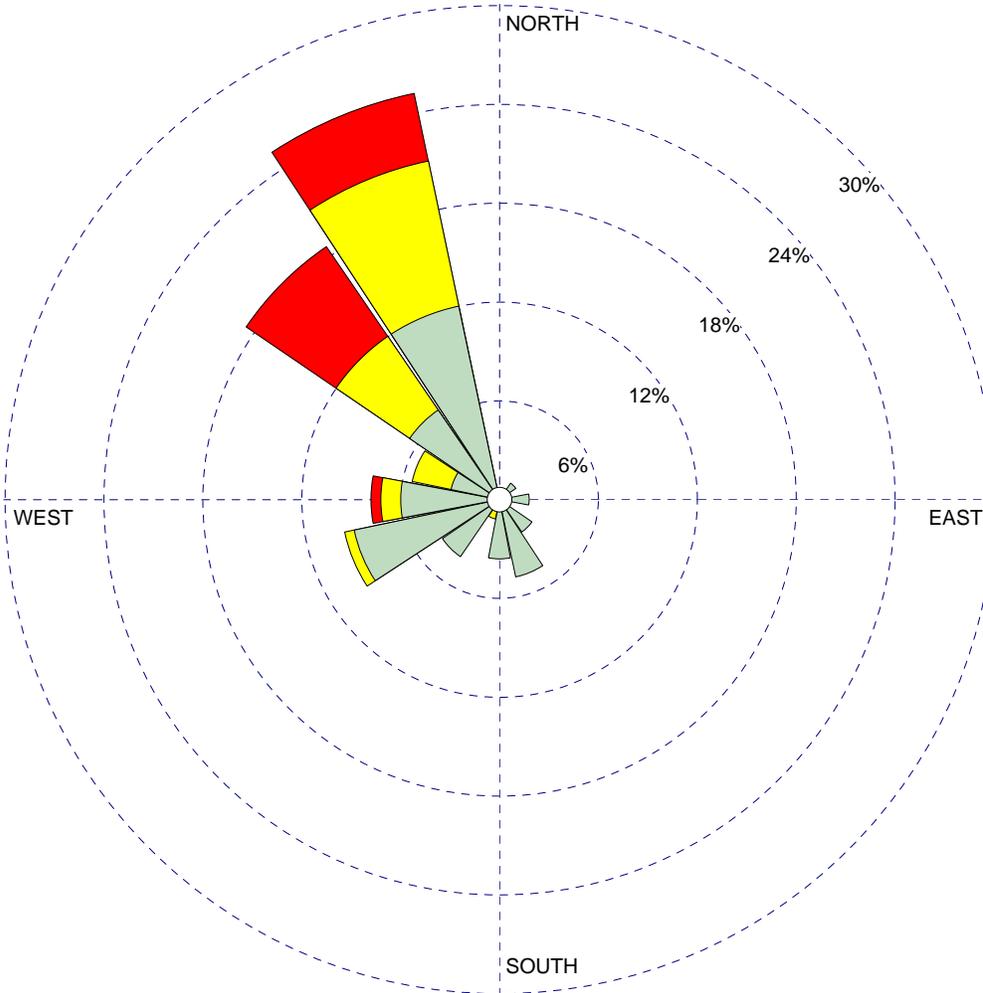


WIND ROSE PLOT:

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: 3.27%

COMMENTS:

DATA PERIOD:

**Start Date: 2/19/2012 - 22:00
End Date: 2/26/2012 - 21:00**

COMPANY NAME:

MODELER:

CALM WINDS:

3.27%

TOTAL COUNT:

167 hrs.

AVG. WIND SPEED:

1.75 m/s

DATE:

2/29/2012

PROJECT NO.: