

Sherwin-Williams Site Cleanup

Emeryville, California

Oct 7, 2011

1450 Sherwin Avenue, Emeryville, CA

This is a weekly summary of site activities and perimeter air monitoring starting for the week of September 26 and going through September 30, 2011. 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

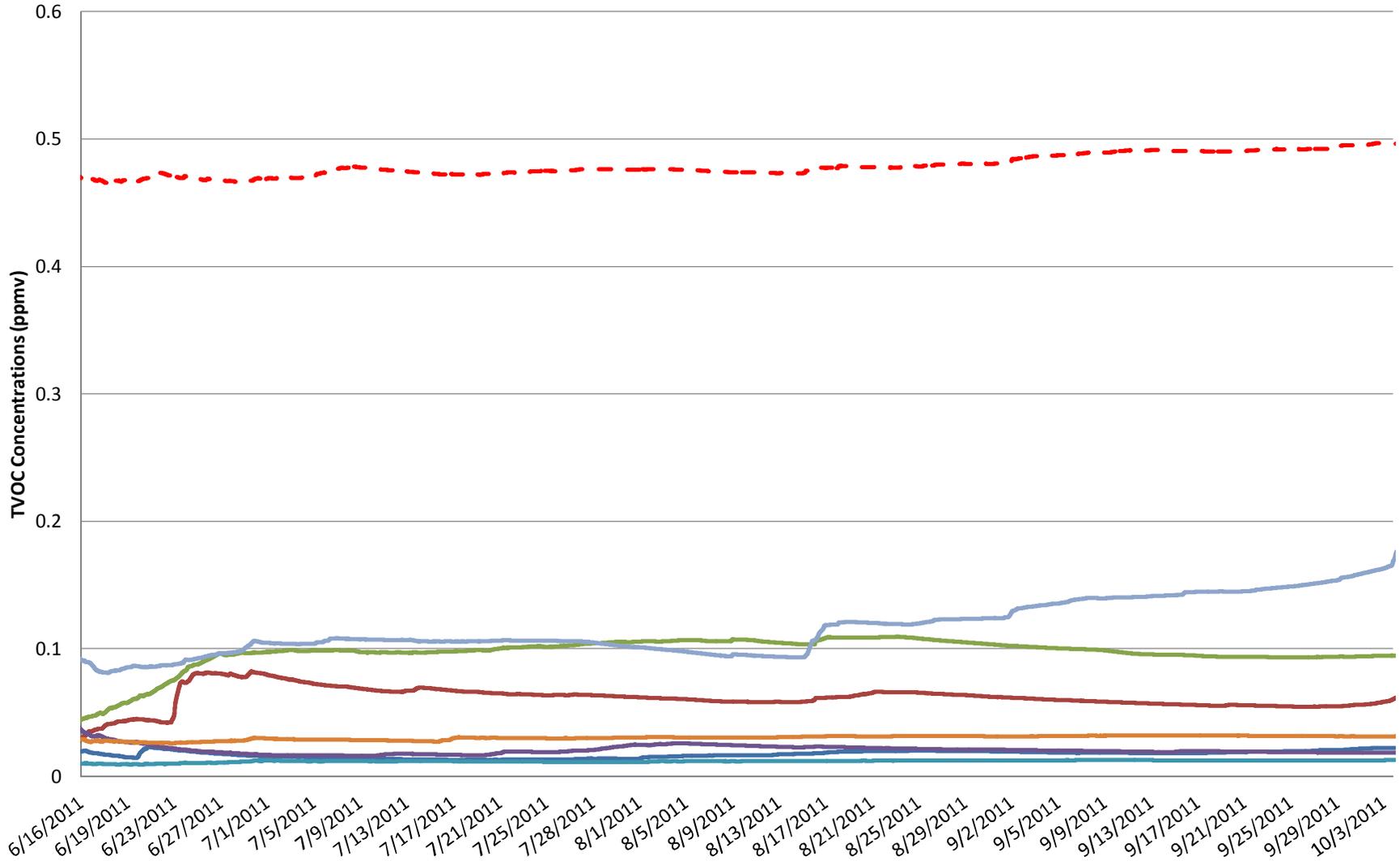
Site activities include:

- Dust, odor and vapor controls (water, odex misters, T-200, Hydroseal and street sweeping) were applied to excavation, stockpiles and exclusion work areas;
- Operation of street sweeper onsite on paved areas; truck exit ramp, Halleck Truck route and on adjacent roads surrounding the site;
- Excavation and stockpiling of non-hazardous soil, California regulated hazardous waste and RCRA hazardous waste from seventh and eighth excavation layers (saturated zone material elev. -11 to -2);
- Loading of stockpiled non-hazardous material into 42 trucks for transport to local landfills;
- Loading of RCRA hazardous waste into 33 lined railcars for transport to US Ecology in Grandview, Idaho;
- Backfill soil was stockpiled on the south end of the Site and moved to the north side of the excavation.
- Low permeable soil was backfilled into the excavation and compacted in 6 to 12 inch lifts, with the initial lift ranging from 2.5 feet to 3 feet on the bottom of the excavation at elev. -11.
- Compaction testing was performed and met earthwork construction specification of minimum 90% of the maximum dry density of the backfill material;
- Excavation dewatering was performed from three primary sumps ranging in elevation -6 to -12. Additional dewatering was performed from trenches and excavation areas by pumping or draining these areas into the primary sumps where the water is pumped into the onsite pre-treatment system. Treated water from the dewatering system is discharged into the local POTW per the requirements of the Site's EBMUD discharge permit;
- Imported and stockpiled 380 truckloads (approximately 4000 CY) of soil for placement as the lower hydraulic conductivity (low K) backfill fill materials. The low K backfill soil loads were sampled for analysis of chemical and material specification properties. The low K fill source in Hercules, CA was inspected by SW representative during the week.

TVOC Running Average Since 06/16/11

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

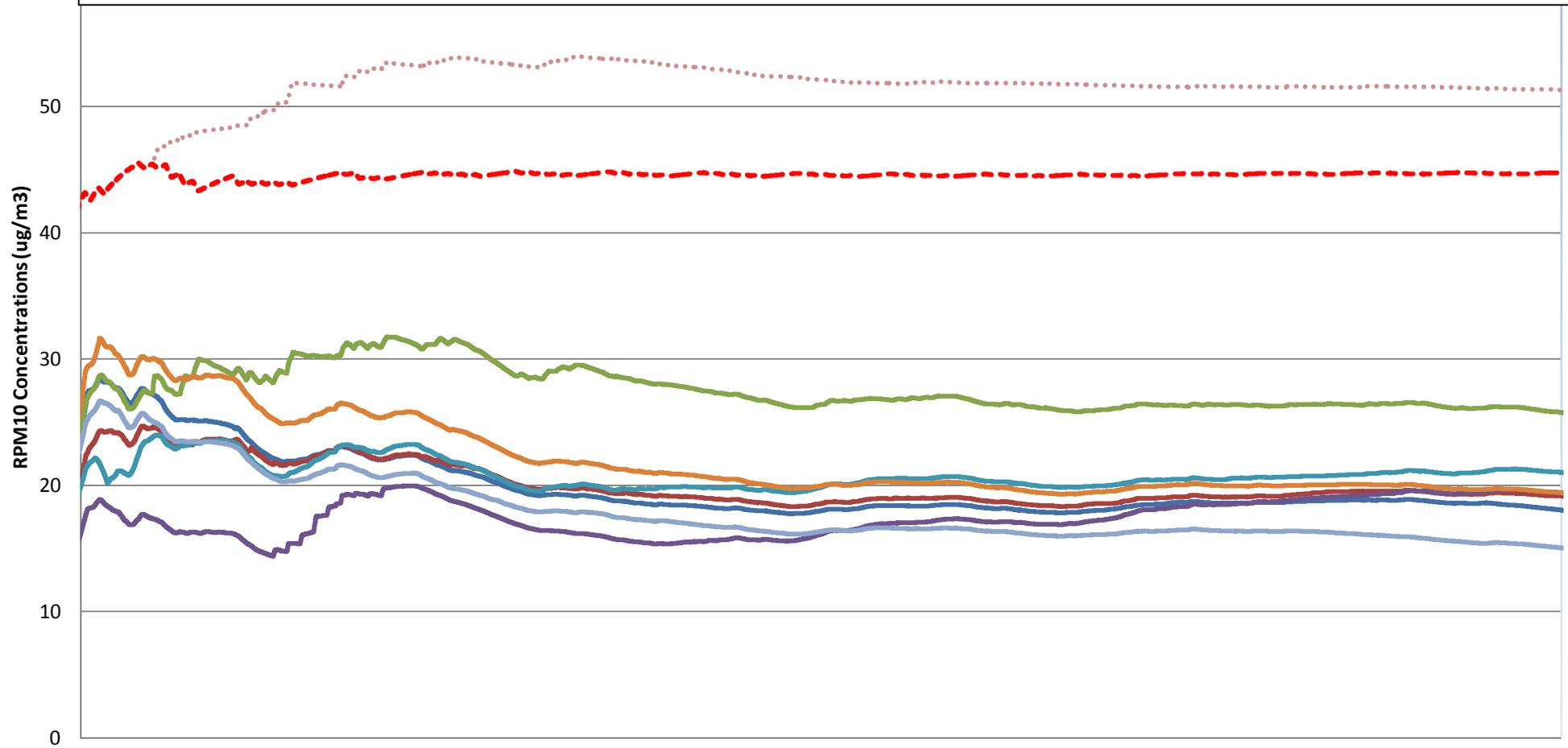
Note: Subchronic Action level=Background from upwind stations+subchronic performance standard(0.437)



RPM10 Running Average Since 06/16/11

- 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: 10/3/11 Subchronic Action Level during working hours 7:30-17:30=Background from upwind stations+Subchronic Action level for Saturated Zone(17)
 +Mister effects(today's values 7:30AM-12:30PM: 6 12 :30PM-9:30PM: 11)
 Action level for non working hours & weekend=50 (BAAQMD Regulatory value)

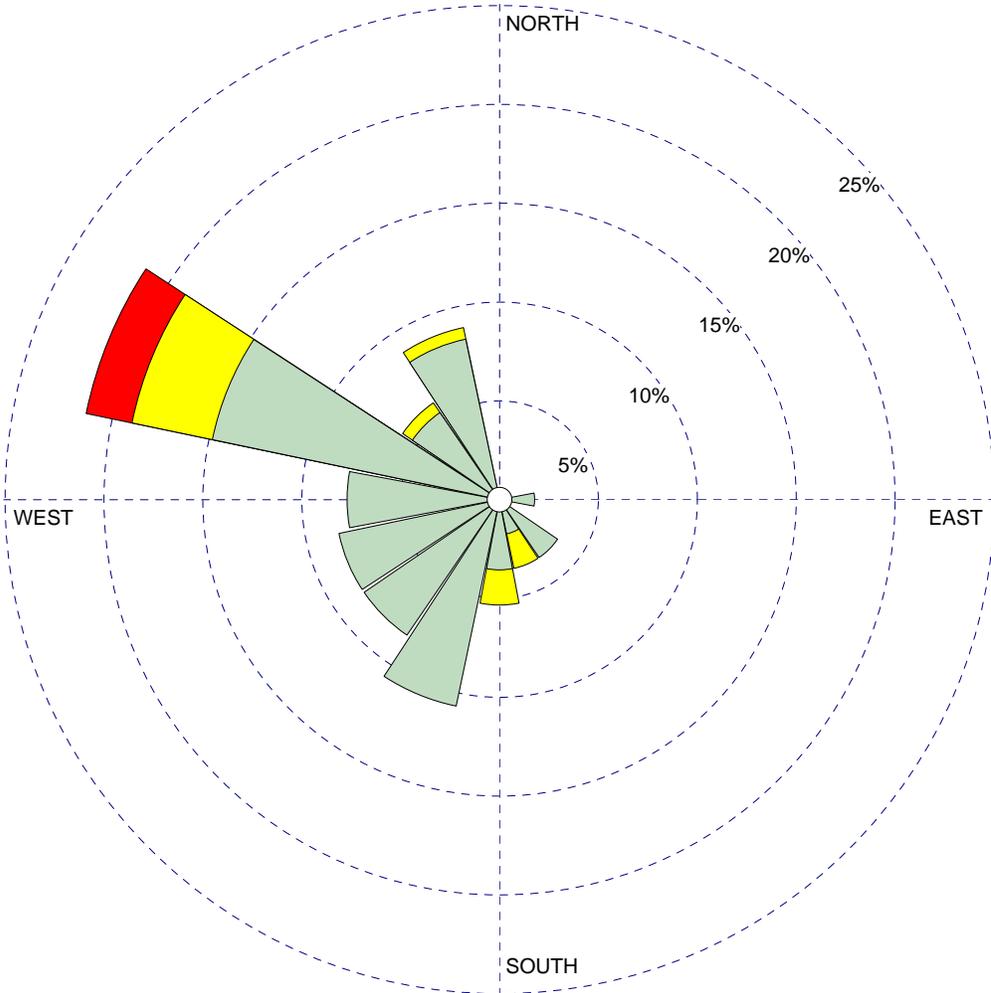


WIND ROSE PLOT:

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: 3.42%

COMMENTS:

DATA PERIOD:

**Start Date: 9/25/2011 - 21:00
End Date: 10/2/2011 - 21:00**

COMPANY NAME:

MODELER:

CALM WINDS:

3.42%

TOTAL COUNT:

169 hrs.

AVG. WIND SPEED:

1.24 m/s

DATE:

10/10/2011

PROJECT NO.: