

# Sherwin-Williams Site Cleanup

## Emeryville, California

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March 27, 2012

1450 Sherwin Avenue, Emeryville, CA

This is a weekly summary for the period of March 10 through March 16, 2012. It provides an overview of site activities occurring during this period and a discussion of air monitoring results compared to project action levels.

Charts showing running averages for Respirable Particulate Matter of 10 micrometers or less (RPM<sub>10</sub>) and Total Volatile Organic Compounds (TVOC) for the perimeter air monitoring system were last included with the weekly report for the period February 27 through March 2, 2012.

On March 5, 2012, the perimeter air monitoring system was taken offline and replaced with local air monitoring using handheld units. Local air monitoring is conducted during waste handling activities. This modification to the air monitoring program was approved by DTSC on March 1, 2012. The local air monitoring during this period and its results are discussed below; no action levels were exceeded during this period.

### Site Activities

Site activities for this period 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 onsite 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 2 truck-loads (approx. 40 tons) of non-hazardous material to local landfills. Air monitoring performed with handheld units outside exclusion zone; readings were below action levels;
- Restoration of Novartis parking lot continued;
- Fence installation continued on the Sherwin Williams property;
- Installed plastic panels along western sidewall of exposed former Building 35 foundation;
- Cleaning of paved surfaces to remove sediment continued. Sediment collected for disposal;
- Continued with removal of concrete foundation, pads, and curb from water treatment plant (WTP) area. Initiated removal of underlying vadose zone soil. Air monitoring performed with handheld units outside exclusion zone; readings were below action levels;
- Took remaining EBMUD WTP rental tank offsite;
- Analytical testing of stockpiled waste material occurred during the week for

- characterization of material for disposal;
- All waste stockpiles covered with plastic and anchored down with sandbags and soil; and,
- Completed remaining new monitoring well installations on S-W property and Novartis property, including well development.

#### **Air Monitoring**

- On March 5, 2012, the perimeter air monitoring system was taken offline and replaced with local air monitoring using handheld units. Local air monitoring is conducted during waste handling activities, at breathing level heights outside and downwind of the exclusion zone, but within the site. This modification to the air monitoring program was approved by DTSC on March 1, 2012;
- RPM<sub>10</sub> readings during waste handling activities ranged from 3 micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ) to  $53 \mu\text{g}/\text{m}^3$  and averaged less than  $35 \mu\text{g}/\text{m}^3$  for any 4-hour period, which is less than the acute RPM<sub>10</sub> action level. The readings maintain the running average for RPM<sub>10</sub> since the start of the project to be less than the subchronic RPM<sub>10</sub> action level; and,
- TVOC readings during waste handling activities ranged from 0.0 parts per million volume (ppmv) to 0.214 ppmv and averaged less than 0.090 ppmv for any one 24-hour period, which is less than the acute TVOC action level. The readings maintain the running average for TVOCs since the start of the project to be less than the subchronic TVOC action level.

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.