

US EPA ARCHIVE DOCUMENT

## MONTROSE – ON-SITE DUST CONTROL INSPECTION CHECK LIST

**NAME:** *Yarissa Martinez*      **DATE/TIME:** *May 21, 2013 1:15 pm - 2:30 pm*

**WEATHER/WIND CONDITIONS:** *81°F winds less than 10 MPH SE (however being at the site the wind changed directions twice) mostly sunny day*

**Dust control procedures may include, (check all observed)**

- Water as a dust suppressant.
- Only handle soils during low wind conditions. No loading during high wind conditions. - *Minimal wind*
- Keep the soil piles covered at all times when not in use and limiting the amount of soil uncovered during loading.
- Manage soil piles to avoid steep sides or faces and minimize number of soil movements.
- Limit size of work area.
- Limit vehicular traffic and disturbances within work area.
- Load soil from the upwind side of the soil pile (i.e. west side if wind direction is easterly) or side farthest from the property line.

**Observation of Dust Control Procedures:**

Trenches: most of the trenches have been filled.  
 Excavated Soil: covered, or being worked  
 Clean Soil: damped, water truck sprayed water on the piles constantly  
  
 Injection wells at Del Amo and Ventura were being tested.

**Dust Measurement System (Locations on page 2):**      **(Measurement/Time Measured)<sup>1</sup>**

<b>Upwind</b>	Conc 0.020 mg/m <sup>3</sup> @ 1:15pm
<b>Downwind</b>	Conc 0.020 mg/m <sup>3</sup> @ 1:13pm
<b>Exclusion zone handheld</b>	Conc 0.022 / 0.025 mg/m <sup>3</sup> @ 1:20pm

**Observations:**

Upwind Equipment Used : Ashtead Technologies Rentals ThermoScientific Model PDR 1000AN Serial No. 6724  
 Downwind Equipment Used : Ashtead Technologies Rentals ThermoScientific Model PDR 1000AN Serial No. 6722

**Compaction Test**

- **Any failures – no failures noted. The work due to filling up the trenches and treatment gives ample time for the heavy machinery to properly compact the soil. See pictures**

**Photos to take**

- the backfilling of the treatment pad
- burritos

Attach photos (see file )

<sup>1</sup> The standard for dust control established by SCAQMD is no more than a 0.05 mg/m<sup>3</sup> increase dust levels between upwind and downwind measurements of the construction activity measured downwind from the activity.

Mark on Figure below:

A - Location of excavation (exclusion zone) - (current excavation)

B- Wind Sock (on top of trailer)

C - Upwind Dust Monitor

D - Downwind Dust Monitor

E- Stockpiled Soils (dirty soil)

----> General direction of wind during

☆ trench open

\*\*\*\*NOT DRAWN TO SCALE\*\*\*\*\*

