

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)¹

Upwind	Conc 0.020 mg/m ³ @ 1:15pm
Downwind	Conc 0.020 mg/m ³ @ 1:13pm
Exclusion zone handheld	Conc 0.022 / 0.025 mg/m ³ @ 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)

¹ The standard for dust control established by SCAQMD is no more than a 0.05 mg/m³ 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*****

