

US EPA ARCHIVE DOCUMENT

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

**NAME:** *Yarissa Martinez*

**DATE/TIME:** *April 10, 2013 - 8:30am- 11:00 am*

**WEATHER/WIND CONDITIONS:** *66°F winds less than 10 MPH WNW, 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.
- 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 were open because they were adding clean fill.

Excavated Soil: covered

Clean Soil: damped, I saw the water truck spraying water on the piles

Dust Measurement System (Locations on page 2):	(Measurement/Time Measured) <sup>1</sup>
Upwind	Conc 0.011mg/m <sup>3</sup> TWA 0.028mg/m <sup>3</sup> @ 9:56 am
Downwind	Conc 0.040mg/m <sup>3</sup> TWA 0.029mg/m <sup>3</sup> @ 10:00am
Exclusion zone handheld	Conc 0.011mg/m <sup>3</sup> @ 10:05 am

**Observations:**

Handheld Equipment Used : Ashtead Technologies Rentals ThermoScientific Model PDR 1000AN Serial No. 6717

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

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

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

