

# MONTROSE – ON-SITE DUST CONTROL INSPECTION CHECK LIST

**NAME:** Christopher Waller / CH2M HILL

**DATE/TIME:** 04/26/2013 – 14:00

**WEATHER/WIND CONDITIONS:** Sunny, clear skies, ~70 °F, wind blowing from the west at approximately 5-10 mph.

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

- Water as a dust suppressant. *Water truck present on site, did not observe it wet ground during visit, but there was evidence of use earlier in the day (puddles).*
- 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. – *Loader operating on a soil pile on side farthest from property line.*

**Observation of Dust Control Procedures:**

- All trenches and soil piles covered with plastic, except the current excavation area and the soil pile in the southwest portion of the site that was being worked on by a loader during visit.
- Rumble strips (large, ribbed metal sheets) at entrance of site to reduce vehicle speed

**Dust Measurement System (Locations on page 2):**

**(Measurement/Time Measured)<sup>1</sup>**

<b>Upwind</b>	0.005 mg/m <sup>3</sup> / 13:30 (monitors were stored for the day at time of arrival, reading taken from dust monitoring log)
<b>Downwind</b>	0.005 mg/m <sup>3</sup> / 14:00 (monitors were stored for the day at time of arrival, reading taken from dust monitoring log)
<b>Exclusion zone handheld</b>	0.007 mg/m <sup>3</sup> / 14:00

**Observation of Dust Measurement Procedures:**

- Two battery operated, continuous gross dust monitors were being put away as I arrived.
- Good documentation. Observed worker log that included upwind, downwind, and exclusion zone monitor readings from the entire day.

<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)
- B- Wind Sock - (on top of trailer)
- C – Upwind Dust Monitor
- D – Downwind Dust Monitor
- E- Stockpiled Soils
- > General direction of wind during visit

