MONTROSE – ON-SITE DUST CONTROL INSPECTION CHECK LIST

NAME: *Yarissa Martinez*	**DATE/TIME:** *April 23, 2013 - 11:43am- 12:40 pm*

WEATHER/WIND CONDITIONS: *64°F winds less than 10 MPH SE, sunny/overcast foggy day*

Dust control procedures may include, (check all observed)

- O Water as a dust suppressant.
- O Only handle soils during low wind conditions. No loading during high wind conditions.
- O Keep the soil piles covered at all times when not in use and limiting the amount of soil uncovered during loading.
- O Manage soil piles to avoid steep sides or faces and minimize number of soil movements.
- O Limit size of work area.
- O Limit vehicular traffic and disturbances within work area.
- O 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 laying pipes and testing them.

Excavated Soil: covered

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

CH2M HILL was observing the pipe testing and will begin dust sampling tomorrow.

Dust Measurement System (Locations on page 2):	**(Measurement/Time Measured)[1]**
Upwind	Conc 0.010mg/m^3 TWA 0.016 mg/m^3 @ 11:56 am
Downwind	Conc 0.020 mg/m^3 TWA 0.017 mg/m^3 @ 11:59 am
Exclusion zone handheld	During lunch break

Observations:

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

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

Attach photos (see file)

[1] The standard for dust control established by SCAQMD is no more than a 0.05 mg/m^3 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******