



# THIRD STREET LIGHT RAIL

## Environmental Monitoring Report

### Monthly Summary for May 2005

For the month of May 2005, the Environmental Monthly Report include the following Segments that are currently under construction:

- Segment C, Central Waterfront (22<sup>nd</sup> and Jerrold Avenue)

The following Segments are not reported as they have completed construction:

- Segment E, Bayview/101
- Segment B, Mission Bay (King to 22<sup>nd</sup> Avenue)
- Segment F, Visitacion Valley (Hester to Sunnydale Avenue)
- Segment H, Substations, TP SCADA
- Segment D, Commercial Corridor (Jerrold to Carroll Avenue)



# THIRD STREET LIGHT RAIL

## Environmental Monitoring Report Segment C Central Waterfront (22<sup>nd</sup> to Jerrold Avenue) Monthly Summary for May 2005

**Weather Conditions:** Mixture of sun and clouds with rains 20% of the time, variable winds.

1. Dust Controls	Remedial Direction	Contractors Response
Contractor mitigation efforts minimized dust emissions. Little to no visible dust observed from loading, backfill, and demolition activities. Worksites mostly clean with few exceptions. Contractor cleaned all worksites by the end of the month with one exception. Observe streets and gutters dirty with loose gravel and dirt. ENCR's were issued for lack of housekeeping.	Maintain streets and gutters clean and in orderly condition. Wet vacuum sweep streets, worksites and sidewalks daily.	Contractor increased localized dust controls upon request. Contractor cleaned several streets and construction areas upon request but not all that is necessary.

**Air Quality Monitoring Results: 12 readings were taken. All results with the exception of one were within PALs.**

**# of Samples Collected: Asbestos 4 Total Dust 0 Dust 8 Lead 0**

Sample*	Date	Location	Result	PAL	Contractor's Response
Dust	5/24/05	Evans St. and 3 <sup>rd</sup> St.	0.190	0.250	Contractor was implementing localized dust controls. Ambient dust reading was very high.

\* Only when exceeding Project Action Levels (PALs)

2. Noise/Vibration Monitoring	Remedial Direction	Contractor's Response
Noise monitoring conducted during demolition activity with a back hoe mounted hoe ram was within the project criteria at 78 dBA. No vibration monitoring conducted this month.	None required at this time.	None required at this time.

3. Soil Handling	Remedial Direction	Contractor's Response
Stockpiles on Custer Avenue were mostly uncovered at the end of the day. ENCR was issued. Off haul of Class 1 was conducted with manifests as required. Soil spills and trackout were generally cleaned by the end of the day.	Cover the stockpiles completely and secure the cover at the end of each day.	After two weeks incurring Liquidated Damages, the Contractor covered and secured the stockpiles left overnight more consistently. Contractor also removed several stockpiles as well.

4. Water Controls	Remedial Direction	Contractor's Response
Loose soils in construction areas and streets were not cleaned up properly. Catchbasin protection and maintenance need improvement. ENCRs were issued.	Clean up all loose soils daily as needed. Inspect and maintain catchbasins and inlets as per the SWPPP schedule	Contractor cleaned up areas as requested several times. However, not as often as needed. ENCR's still outstanding.

**5. Non-Compliance Notices Issued; Contractor's Response**

C-094 Failure to keep site free of dirt, dust and debris	Contractor has not responded sufficiently, ENCR is outstanding
C-095 Failure to cover trucks carrying soil on city streets	Contractor covered trucks carrying soil on city streets
C-096 Failure to cover stockpiles at the end of the day	Contractor covered the stockpiles after two weeks of notification
C-097 Failure to keep site free of dirt, dust and debris	Contractor cleaned the area in question

**6. Comments**

For this period, rain and damp weather help mitigate dust emissions. Contractor generally implemented localized control as needed. Contractor needs to improve housekeeping in certain areas requested.