



THIRD STREET LIGHT RAIL

Environmental Monitoring Report

Monthly Summary for September 2005

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

- Segment C, Central Waterfront (22nd and Jerrold Avenue)

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

- Segment E, Bayview/101
- Segment B, Mission Bay (King to 22nd 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 (22nd to Jerrold Avenue) Monthly Summary for September 2005

Weather Conditions: Mixture of clouds & sun, high of 74°F, mostly western winds with a high of 21 mph

1. Dust Controls

Remedial Direction

Contractors Response

<p>No dust emissions were observed from activities such as concrete demolition, pole foundation drilling, soil backfill and compaction, loading and off haul of demolition debris. Localized dust controls were implemented when necessary. Aside from misting, jackhammers used for demolition were fitted with mufflers, this helped mitigate dust emissions by re-directing exhaust air away from the debris. Respirable dust readings taken were all within criteria. Streets and curb gutters were generally clean. Debris and other construction trash not related to the light rail construction were dumped at Custer Avenue on more than one occasion.</p>	<p>None required at this time.</p>	<p>None required at this time.</p>
---	------------------------------------	------------------------------------

Air Quality Monitoring Results: 5 air samples were collected. All results were within PALs.

of Samples Collected: Asbestos 0 Total Dust 0 Dust 5 Lead 0

Sample*	Date	Location	Result	PAL	Contractor's Response
NA					

* Only when exceeding Project Action Levels (PALs)

2. Noise/Vibration Monitoring

Remedial Direction

Contractor's Response

<p>No noise monitoring conducted this month</p>	<p>None required at this time.</p>	<p>None required at this time.</p>
---	------------------------------------	------------------------------------

3. Soil Handling

Remedial Direction

Contractor's Response

<p>Very few surplus soils generated this month due to minimal excavations performed. Excavated soils were generally backfilled at the end of the shift. Surplus excavated soils were managed according to the revised soil amendment plan proposed last month. Trucks transporting soils for backfill were covered before using City streets. No soil off-haul was performed this month. All surplus soils stored on City streets were covered at the end of the shift. Coverings were also replaced when necessary.</p>	<p>None required at this time.</p>	<p>None required at this time.</p>
--	------------------------------------	------------------------------------

4. Water Controls

Remedial Direction

Contractor's Response

<p>No heavy deposits of dirt or cold patch observed on curb gutters. Soil spills or soils tracking on City streets were not observed as well. Very minimal soil handling and soil transport observed.</p>	<p>None required at this time.</p>	<p>None required at this time.</p>
---	------------------------------------	------------------------------------

5. Non-Compliance Notices Issued: Contractor's Response

<p>None</p>	
-------------	--

6. Comments

Demolition and excavation activities are gradually diminishing as underground utilities and the majority of the trackway are installed. Thus, very soil handling activities observed. Work at the west side bridge continued this month.