



THIRD STREET LIGHT RAIL

Environmental Monitoring Report

Monthly Summary for April 2005

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

- Segment C, Central Waterfront (22nd and Jerrold Avenue)
- Segment D, Commercial Corridor (Jerrold to Carrol Avenue) and

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



THIRD STREET LIGHT RAIL

Environmental Monitoring Report Segment C Central Waterfront (22nd to Jerrold Avenue) Monthly Summary for April 2005

Weather Conditions: Mixture of sun and clouds with rains 20% of the time, variable winds with a high of 22 mph.

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. Dust emissions were observed during track way cleaning operations utilizing compressed air. Contractor increased localized dust control upon request. Worksites mostly clean with the exception of Marin to the bridge. ENCR was issued for lack of housekeeping.		Pre-clean the trackway and implement localized dust controls when using the air compressor consistently. Maintain work areas streets and intersections in orderly condition. Wet vacuum sweep streets and worksites daily particularly Marin to the bridge.	Contractor increased localized dust control for trackway cleaning upon request. Contractor wet vacuum swept and did manual sweeping on the streets and work areas of concern upon request but the cleaning was not consistent.												
<p><u>Air Quality Monitoring Results: 17 samples were collected. All except 1 were within PALs.</u> <u># of Samples Collected: Asbestos_0_ Total Dust_4_ Dust_13_ Lead__</u></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Sample*</th> <th style="text-align: center;">Date</th> <th style="text-align: center;">Location</th> <th style="text-align: center;">Result</th> <th style="text-align: center;">PAL</th> <th style="text-align: center;">Contractor's Response</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Dust</td> <td style="text-align: center;">4/26/05</td> <td style="text-align: center;">25th St. and 3rd St.</td> <td style="text-align: center;">0.440</td> <td style="text-align: center;">0.250</td> <td>Contractor immediately stopped activity and implemented localized dust control.</td> </tr> </tbody> </table> <p>* Only when exceeding Project Action Levels (PALs)</p>				Sample*	Date	Location	Result	PAL	Contractor's Response	Dust	4/26/05	25 th St. and 3 rd St.	0.440	0.250	Contractor immediately stopped activity and implemented localized dust control.
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Dust	4/26/05	25 th St. and 3 rd St.	0.440	0.250	Contractor immediately stopped activity and implemented localized dust control.										
2. Noise/Vibration Monitoring		Remedial Direction	Contractor's Response												
Noise monitoring conducted during lead paint blasting operations on the Islais Creek bridge was above the project criteria at 81.9 dBA. No vibration monitoring conducted this month.		Although the noise readings exceeded the criteria and the blasting operation was enclosed this was a combined noise for other bridgework, heavy traffic, 2 air compressors and blasting equipment.	None required at this time.												
3. Soil Handling		Remedial Direction	Contractor's Response												
Stockpiles were mostly covered at the end of the day with very few exceptions. 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. Place fiber rolls or adequate controls to prevent run off during a rain event.	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 consistently. Observed streets and gutters dirty with loose gravel and dirt.		Clean and maintain gutters and remove all loose soils daily and as needed. Inspect and maintain catchbasins and inlets as per the SWPPP schedule.	Contractor cleaned up work areas as requested several times. However, gutters and catch basins need clean up and maintenance.												
5. Non-Compliance Notices Issued: Contractor's Response															
C-094 Failure to keep site free of dirt, dust and debris (including gutters)		Contractor has not responded, ENCR is outstanding													
6. Comments															
For this period paving, conduit installation and pole foundation and well as the work at the bridge was monitored. Lead work was conducted at the east side of the bridge. Rain and damp weather helped mitigate dust emissions. Contractor generally implemented localized dust control as needed. Although clean up on efforts were generally adequate these were not consistent. Contractor also needs to improve mitigation for stormwater controls.															



THIRD STREET LIGHT RAIL

Environmental Monitoring Report Segment D Commercial Core (Jerrold to Donner Avenue) Monthly Summary for April 2005

Weather Conditions: Mixture of sun and clouds with rains 20% of the time, variable winds with a high of 22 mph

1. Dust Controls	Remedial Direction	Contractors Response												
Construction activities monitored this month were platform sandblasting, pavement demolition and pole foundation drilling. No dust emissions were observed. Misting and dust curtains were implemented during platform sandblasting. Clean up throughout the segment was maintained consistently. Housekeeping concerns were promptly addressed upon notification. Contractor continued to wet down the Carroll yard entrance and haul road three times a day while the wet vacuum sweeper was observed occasionally servicing the segment	None required at this time	None required at this time												
<p><u>Air Quality Monitoring Results:</u> 1 reading was taken. This was within PALs.</p> <p><u># of Samples Collected:</u> Asbestos_0 Total Dust_0_ Dust_1__ Lead_0</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">Sample*</th> <th style="width: 15%;">Date</th> <th style="width: 20%;">Location</th> <th style="width: 10%;">Result</th> <th style="width: 10%;">PAL</th> <th style="width: 30%;">Contractor's Response</th> </tr> </thead> <tbody> <tr> <td>NA</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>* Only when exceeding Project Action Levels (PALs)</p>			Sample*	Date	Location	Result	PAL	Contractor's Response	NA					
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NA														
2. Noise/Vibration Monitoring	Remedial Direction	Contractor's Response												
Noise reading was taken during drilling operation at Shafter. Equipment monitored was a hydraulic coring machine mounted on an excavator. Equivalent noise was 77.4dBA below noise criteria. No vibration monitoring conducted this month.	None required at this time.	None required at this time.												
3. Soil Handling	Remedial Direction	Contractor's Response												
Soil stockpiles were observed partially covered occasionally. They were promptly covered upon request. No import and soil disposal conducted this month.	Cover soils or any material containing fine particulates.	Contractor covered all soils upon notification.												
4. Water Controls	Remedial Direction	Contractor's Response												
Occasional showers and few heavy rains were observed this month. Sediment run-off at the yard was observed after one heavy rain events. Streets and curb gutters were kept free of dirt and debris build up through occasional wet vacuum sweeping. Catch basins were also vacuumed this month.	Provide sediment protection at potential sources of sediment run-off and at catch basin inlets. Inspect and maintain BMPs installed for run-off prevention before and after a rain event as per the SWPPP schedule.	Contractor placed fiber rolls at catch basin inlets and at exposed soils on the sidewalks.												
5. Non-Compliance Notices Issued:	Contractor's Response													
NA														
6. Comments	Construction activities such demolition, excavation and soils handling have been completed this month. No environmental impact is expected as this segment was declared in construction substantial completion. This will be the final monthly environmental report for this segment.													