



THIRD STREET LIGHT RAIL

Environmental Monitoring Report

Monthly Summary for August 2005

For the month of August 2005, the Environmental Monthly Report include 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 August 2005

Weather Conditions: Mostly cloudy with occasional sunshine, high of 79°F, variable winds with a high of 20 mph

| 1. Dust Controls | Remedial Direction | Contractors Response |
|------------------|--------------------|----------------------|
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| <p>Localized dust controls were implemented whenever necessary on dust generating activities. Activities monitored and observed were pavement demolition, excavation, loading of soil and debris on dump truck and pole foundation drilling. All air-monitoring results were within project action levels due to adequate dust suppression controls. Accumulation of dirt and gravel on the west curb gutter from Cesar Chavez to Marin was removed and is no longer observed. Streets were also swept after loading of soils on dump truck.</p> | <p>None required at this time</p> | <p>None required at this time</p> |
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Air Quality Monitoring Results: 22 air samples were collected. All results were within PALs.

of Samples Collected: Asbestos 0 Total Dust 11 Dust 3 Lead 8

| 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 |
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| No noise monitoring conducted this month | None required at this time. | None required at this time. |
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| 3. Soil Handling | Remedial Direction | Contractor's Response |
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| <p>Two (2) non-compliance reports were issued for soil handling practices not conforming to the approved Soil Management and Reuse Plan. Excavated Class 1 soils were transported and temporarily stored beyond the two-block area of contamination. Towards the end of the month, most of the surplus soils both hazardous and non-hazardous were off-hauled. Loads were properly manifested and covered prior to transport. Soils stored on the alignment were covered daily.</p> | <p>Inform the field crew of the soil management plan requirements for both hazardous and non-hazardous soils.</p> | <p>Contractor submitted an amendment to their Soil Management and Reuse Plan to be implemented for the remainder of the project. Excavated soils from 22nd Street to Marin Street will be stockpiled in one location while soils excavated from Marin Street to Evans Avenue were stored in a different location. Soil management for Class 2 non-hazardous materials from Evans Avenue to Jerrold Avenue was not amended. Contractor implemented the amendment plan as soon as was submitted.</p> |
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| 4. Water Controls | Remedial Direction | Contractor's Response |
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| <p>Accumulation of dirt and debris around catch basins at Custer Avenue was swept on 8/12/05. ENCR C-100 was closed on this day. Soil spills and track out during off-hauling operations were swept after truck loading. Also, build-up of cold patch at the southbound curb gutter between Cesar Chavez and Marin was cleaned and maintained.</p> | <p>Provide sediment protection at catch basins near sources of sediments. Implemented SWPPP throughout the project duration regardless of the season.</p> | <p>Contractor argues the need to provide sediment protection during the dry season.</p> |
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5. Non-Compliance Notices Issued: Contractor's Response

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| C-101 Improper handling of soils. | This activity was a single occurrence. |
| C-101 Improper handling of soils. | Contractor submitted an amendment to their Soil Management and Reuse Plan |

6. Comments

The Contractor provided the results for the personal lead monitoring conducted during torch cutting of the grating at the Islais Creek Bridge. One sample showed a concentration twice the NAAQS limit. The Contractor was advised to upgrade protection. Perimeter sampling conducted by the City's Consultant was within the criteria. Lead removal through sandblasting at the Islais Creek Bridge was performed under full enclosure. Spent abrasives generated from the blasting was transported and disposed as "Excluded Recyclable Material." Lead abatement was completed at the Islais Creek this month