



THIRD STREET LIGHT RAIL

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

Weather Conditions:

Rain 60% of the time, cool temperatures with a high of 62°F, SE winds with a high of 47 mph

1. Dust Controls	Remedial Direction	Contractors Response												
Damp weather and contractor mitigation efforts minimized dust emissions. Little to no visible dust observed from loading, backfill, and demolition activities. Worksites were kept generally clean. Observed streets and especially sidewalks dirty with loose gravel and dirt.	Maintain streets and sidewalks in a clean and orderly condition. Sweep sidewalks daily.	Contractor swept sidewalks as requested. Wet/vac sweeper made regular passes to clean streets and worksites.												
<p><u>Air Quality Monitoring Results: A total of 23 dust samples were taken. All were within PALs.</u> <u># of Samples Collected: 23</u> Asbestos_0_ Total Dust_0_ Dust_23_ Lead_0_</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 10%;">Sample*</th> <th style="width: 10%;">Date</th> <th style="width: 20%;">Location</th> <th style="width: 10%;">Result</th> <th style="width: 10%;">PAL</th> <th style="width: 40%;">Contractor's Response</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">NA</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p><small>* Only when exceeding Project Action Levels (PALs)</small></p>			Sample*	Date	Location	Result	PAL	Contractor's Response	NA					
Sample*	Date	Location	Result	PAL	Contractor's Response									
NA														
2. Noise/Vibration Monitoring	Remedial Direction	Contractor's Response												
Noise and vibration monitoring results were all within project criteria.	None required at this time.	None required at this time.												
3. Soil Handling	Remedial Direction	Contractor's Response												
Stockpiles generally covered at the end of the day. Off haul of Class 1 and 2 soils conducted as per specifications. Soil spills and trackout were generally cleaned by the end of the day.	None required at this time.	None required at this time.												
4. Water Controls	Remedial Direction	Contractor's Response												
With few exceptions, contractor de-watering efforts comply with contractor specifications and permits. Sediment protection in place in most locations as needed. Monthly submittal report is due.	None required at this time. Contractor was reminded to keep the SWPP monthly submittal current for the project duration.	Contractor will follow up on the monthly submittals.												
5. Non-Compliance Notices Issued	Contractor's Response													
None issued this month.	NA													
6. Comments														
Rains, high relative humidity, and generally calm winds this month helped to minimize dust controls. Contractor improved housekeeping practices														



THIRD STREET LIGHT RAIL

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

Weather Conditions:

Rain 60% of the time, cool temperatures with a high of 62°F, SE winds with a high of 47 mph

1. Dust Controls	Remedial Direction	Contractors Response												
Mitigation controls were implemented for concrete demolition, soil off-haul and trench excavation. Wet weather helped improve air quality. Conversely, rain breaks up the cold patch, which impairs housekeeping of the streets and construction sites. Cleaning was performed upon request. Water truck serviced the segment daily except for one (1) day. An ENCR was issued for not providing alternative equipment. Wet vacuum sweeping of streets was performed regularly.	Provide a back up in case the primary equipment fails.	The water truck was in service the following day.												
<p><u>Air Quality Monitoring Results: A total of 7 dust samples were taken. All readings were within PALs.</u> <u># of Samples Collected: Asbestos__ Total Dust__ Dust__7__ Lead__</u></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: 15%;">Result</th> <th style="width: 10%;">PAL</th> <th style="width: 25%;">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><small>* Only when exceeding Project Action Levels (PALs)</small></p>			Sample*	Date	Location	Result	PAL	Contractor's Response	NA					
Sample*	Date	Location	Result	PAL	Contractor's Response									
NA														
2. Noise/Vibration Monitoring	Remedial Direction	Contractor's Response												
No noise/ vibration monitoring conducted this month.	NA	NA												
3. Soil Handling	Remedial Direction	Contractor's Response												
Stockpiles of soils, ballast rock, cold patch and landscaping rock were covered daily at the end of the shift. Soil track out from the soil handling area and around the stockpiles were swept upon request.	None required at this time.	None required at this time.												
4. Water Controls	Remedial Direction	Contractor's Response												
Despite heavy and frequent pours of rain, no major sediment run-off was observed from potential sources. BMP's for sediment erosion were kept in place throughout the month. However, inspections and monthly SWWP reports were not performed despite frequent reminders. Concrete slurry was vacuumed immediately during pavement cutting.	Inspect and maintain BMP's and catch basins as per the SWPPP schedule. Provide required monthly inspection report submittals.	Contractor provided inspection reports. However, the report was deemed incomplete upon review. Contractor submitted the SWWPP submittal as requested.												
5. Non-Compliance Notices Issued	Contractor's Response													
ENCR D-028 No daily wet vacuum sweeping/ wet sweeping	The wet vacuum sweeper was put in service the following day.													
6. Comments														
Wet weather this month contributed to minimize dust emissions for dust-generating activities. With few exceptions, the Contractor kept the site in orderly condition and generally implemented mitigation controls upon request. Contractor was reminded to implement mitigation controls for the sandblasting of two (2) platforms at Van Dyke (outbound) and Kirkwood and the milling of the roadway from Shafter to Donner scheduled for next month.														



THIRD STREET LIGHT RAIL

Environmental Monitoring Report Segment E Bayview/US 101 (Donner to Hester Avenues)

Monthly Summary for January 2005

Weather Conditions:

Rain 60% of the time, cool temperatures with a high of 62°F, SE winds with a high of 47 mph

1. Dust Controls	Remedial Direction	Contractors Response			
Very few construction work and dust-generating activities were performed this month. Contractor provided localized dust control during demolition activities around valve and manhole covers. Site was kept in clean and orderly condition.	None required at this time.	None required			
Air Quality Monitoring Results: No sampling was conducted this month					
# of Samples Collected: Asbestos__ Total Dust__ Dust__ Lead__					
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			
No noise/ vibration monitoring conducted this month.	None required	None required			
3. Soil Handling	Remedial Direction	Contractor's Response			
No soil handling activities were observed this month as the project alignment has been paved and track work is completed.	None required	None required			
4. Water Controls	Remedial Direction	Contractor's Response			
No dewatering activities were reported this month. Dewatering is no longer needed. Erosion control devices have been installed and maintained.	None required	None required			
5. Non-Compliance Notices Issued:	Contractor's Response				
None issued this month					
6. Comments					
. Very few construction activities were conducted this month. Contractor maintains the site in orderly condition until substantial completion. All mitigation measures have been observed implemented.					