

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD - SAN DIEGO REGION
WATERSHED MANAGEMENT PROGRAM**

FACILITY INSPECTION REPORT

INSPECTION DATE: December 19, 2007 TIME: 9 am WDID: 9 37C322900

FACILITY REPRESENTATIVE(S) PRESENT DURING INSPECTION: Rick Felkins, (West Coast Rail Contractors), Derek Reed, Dudek &

Associates

North County Transit District
NAME OF OWNER, AGENCY OR PARTY RESPONSIBLE FOR DISCHARGE

Don Bullock, (760) 737-8625
OWNER CONTACT NAME AND PHONE #

Sprinter Rail Project
FACILITY OR DEVELOPER NAME (if different from owner)

Steven Hoyle, (760) 737-8625 x254
FACILITY OR DEVELOPER CONTACT NAME AND PHONE #

808 Rancheros Drive
FACILITY STREET ADDRESS

San Marcos, CA
FACILITY CITY AND STATE

APPLICABLE WATER QUALITY LICENSING REQUIREMENTS

- MS4 URBAN RUNOFF REQUIREMENTS NPDES NOS. CAS0108758, CAS0108740 or CAS0108766
- GENERAL PERMIT ORDER NO. 99-08-DWQ, NPDES NO. CAS000002 - CONSTRUCTION
- GENERAL PERMIT ORDER NO. 99-06-DWQ, NPDES NO. CAS000003 - CALTRANS
- GENERAL OR INDIVIDUAL WASTE DISCHARGE REQUIREMENTS
- GENERAL OR INDIVIDUAL WAIVER OF WASTE DISCHARGE REQUIREMENTS
- SECTION 401 WATER QUALITY CERTIFICATION
- CWC SECTION 13264

INSPECTION TYPE (Check One)

- A1 "A" type compliance--Comprehensive inspection in which samples are taken. (EPA Type S)
- B1 X "B" type compliance--A routine nonsampling inspection. (EPA Type C)
- 02 Noncompliance follow-up--Inspection made to verify correction of a previously identified violation.
- 03 X Enforcement follow-up--Inspection made to verify that conditions of an enforcement action are being met.
- 04 X Complaint--Inspection made in response to a complaint.
- 05 Pre-requirement--Inspection made to gather info. relative to preparing, modifying, or rescinding requirements.
- 06 No Exposure Certification (NEC) - verification that there is no exposure of industrial activities to storm water.
- 07 Notice of termination request for industrial facilities or construction sites - verification that the facility or construction site is not subject to permit requirements (**Type, NOT I or NOT C - circle one**).
- 08 Compliance Assistance Inspection - Outreach inspection due to discharger's request for compliance assistance.

INSPECTION FINDINGS

- Y Were violations noted during this inspection? (Yes/No/Pending Sample Results)
- N Were samples taken? (N=no) If YES then, G= grab or C= Composite and attach a copy of the sample results/chain of custody form

I. COMPLIANCE HISTORY:

Notice of Violation (NOV) No. R9-2007-0050 was issued on March 19, 2007 for construction storm water permit violations including discharge of sediment, and inadequate BMPs.
NOV No. R9-2007-0063 was issued on April 3, 2007 for construction storm water permit violations including discharge of sediment and inadequate BMPs.
Administrative Civil Liability No. R9-2007-0093 was issued on August 31, 2007 for construction storm water permit violations including discharge of sediment, inadequate BMPs, and inadequate inspections.
NOV No. R9-2007-0208 was issued on October 15, 2007 for construction storm water permit violations mainly involving inadequate BMPs.
ACL No. R9-2007-0219 was adopted on December 12, 2007 imposing a \$160,000 penalty for discharge violations, BMP violations and reporting violations.

FACILITY: North County Transit District Sprinter Rail (WDID)_9 37C322900 INSPECTION DATE: 12/19/07

II. FINDINGS

On December 19, 2007, Peter Peuron and Lee Shenk of the Regional Board's Central Watershed Unit inspected the North County Transit District's (NCTD) construction of the Sprinter Rail. The following sites were visited.

1. Nordahl Road Station, Escondido
2. Barham Drive, near Shelley Drive, San Marcos
3. Barham Drive, east of Cal State San Marcos Station, San Marcos
4. Buena Creek Station, Unincorporated San Diego County
5. Mar Vista Drive storage yard, Vista
6. Vista Transit Center, Vista
7. Melrose Station, Oceanside

Rain was falling as we drove to the first inspection site. However, rainfall stopped before we reached the first site and did not reappear in the areas we inspected. There were no observable flows into storm drains during our site visits. Total rainfall for this date was 0.44 inches.

- 1. Nordahl Road Station in Escondido** - This station is located at the intersection of Barham Drive and Mission Avenue. A drain at the west side of the station which had during the last inspection (on December 7, 2007) been identified as lacking inlet protection was found to still be inadequately protected (Photo 1). Gravel bags sit in a depression in front of the drain allowing for easy entry of storm water flows. In addition, there are no erosion controls in the area around the drain.
- 2. Near the intersection of Barham Drive and Shelly Drive in San Marcos** - This is a location near a stretch of tracks further to the west on Barham Drive. The large area of unstabilized soil found in past inspections (e.g., on November 30, 2007 and December 7, 2007) persists at this location without any erosion controls (Photo 2). A storm drain inlet surrounded by soil continues to be inadequately protected, the same situation observed during the December 7, 2007 inspection (Photo 3). The inadequacy of the inlet protection is shown by the sediment that sits on top of the bags. A slope between the barren field and the tracks exhibits rills (Photo 4).
- 3. Barham Drive, east of Cal State San Marcos Station in San Marcos** - This is a stretch of railroad tracks that runs along Barham Drive between Cal State Marcos Station and Nordahl Road Station. The property has been used by NCTD as a storage yard. The yard continues to lack stabilization as observed during prior inspections (Photos 5 and 6). Inlet protection is in need of maintenance (as it was during the inspection on December 7, 2007).
- 4. Buena Creek Station in San Diego County (Unincorporated)** - This station is located at the intersection of Buena Creek Road and Santa Fe Avenue. Station construction is near completion, but landscaping has not yet been installed. Photo 7 shows an area of bare soil that is still without sediment or erosion controls (as it was during the inspection on December 7, 2007).
- 5. Mar Vista storage yard in Vista** - This site is a storage yard located adjacent to the tracks at Mar Vista Drive. An outfall directs storm water from an off-site source onto the yard. NCTD has constructed an earthen channel to conduct the discharge from the outfall to a storm drain located on the northwest corner of the property. Erosion controls had yet to be employed in the earthen channel (A picture of the channel was taken, but it did not develop properly). The storm drain inlet in the northwest corner of the yard is shown in Photo 8. Photo 9 shows the yard looking to the southeast. Once again there was no stabilization of a wide area of exposed soil.
- 6. Vista Transit Center in Vista** - The Vista Transit Center is located near the corner of Vista Village Drive and Santa Fe Avenue. A drain which previously did not have any inlet protection (inspection on December 7, 2007) was protected by gravel bags, however soil in front of the inlet continues to be exposed (i.e. not stabilized) as shown in Photo 10. Photo 11 shows the north parking area. Cement bags which had previously been leaking (inspection on November 27, 2007) have been removed.
- 7. Melrose Station in Oceanside**. This station is on the southwest corner of Melrose Drive and Oceanside Boulevard next to a convenience store. The headwaters to Loma Alta Creek flow adjacent to the south side of the tracks. South-facing slopes were found to have not been stabilized during prior inspections. Photo 12 shows that a south-facing slope has been hydroseeded, but the upper half of the slope is covered with soil that was removed from a ditch that was recently dug out in order to install an irrigation line. Some of the soil has also rolled into the storm drain ditch at the toe of the slope.

The lack of erosion control and sediment control BMPs are violations that were previously noticed in NOV No. R9-2007-0050 on March 19, 2007, NOV No. R9-2007-0063 on April 3, 2007 and NOV R9-2007-0208 on October 15, 2007. The August 31, 2007 ACL was also assessed in part for these same BMP violations. While some violations

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD-SAN DIEGO REGION

FACILITY: North County Transit District Sprinter Rail_ (WDID)_9 37C322900_ INSPECTION DATE: 12/19/07

have been corrected, serious violations that are likely to result in significant discharges (such as the continued lack of stabilization of large areas of exposed soil) persist. Due to time limitations, not all previous sites and/or violations were inspected.

III. SIGNATURE SECTION

Peter Peuron
STAFF INSPECTOR

Peter Peuron
SIGNATURE

December 19, 2007
INSPECTION DATE

IV. (For internal use only)

Reviewed by Supervisor: 	Date: <u>12/28/07</u>
cc: Jeremy Johnstone (EPA), John Norton (SWRCB), <u>City</u>	Storm Drain Enforcer
Inter-office Referral: 1) _____ 2) _____ 3) _____ 4) _____ 5) _____	

D:\My Documents\peurp's Documents 1\Construction Stormwater\NCTD\NCTD IR 12 7 07.doc
CIWQS



All photos taken by Peter Peuron,
Environmental Scientist.

Photo 1 was taken at the Nordahl
Road Station.

1. Poorly protected storm drain
inlet and surrounding soil with no
erosion controls.



Photos 2 through 4 were taken
near the intersection of Barham
Drive and Shelly Drive.

2. Wide area south of the tracks
which lacks erosion controls.



3. Inlet continues to have
inadequate protection. Gravel
bags show evidence of being
over-topped by sediment.

NCTD Sprinter Rail

12 19 07



4. Rills discharging to ditch that runs along the tracks.

Photos 5 and 6 were taken at the former storage yard on Barham Drive.



5. Field south of tracks previously used to store equipment continues to lack erosion controls.



6. Another view of the unstabilized field (looking to the west).

NCTD Sprinter Rail

12 19 07



Photo 7 was taken at the Buena Creek Station.

7. Continued lack of erosion and sediment controls next to station.



Photos 8 and 9 were taken at the Mar Vista storage yard.

8. Silt fence and gravel bags in need of maintenance after the storm.



9. Yard continues to lack both erosion and sediment controls.

NCTD Sprinter Rail

12 19 07



Photos 10 and 11 were taken at the Vista Transit Center.

10. Soil in front of storm drain lacks erosion controls.



11. Bags of cement which had been leaking have been removed from the parking lot.

Photo12 was taken at Melrose Station.



12. Soil that was removed at the top of the slope for installation of an irrigation pipe has covered hydroseed all the way down to the fiber roll at mid-slope.

NCTD Sprinter Rail

12 19 07