

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN DIEGO REGION**

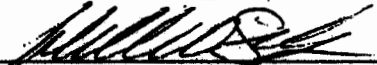
**ATTACHMENT No. 4**

**Proposed administrative Civil Liability  
Contained in Complaint No. R9-2007-0093  
North County Transit District  
Sprinter Rail Project  
San Diego County**

**Noncompliance with  
Order No. 99-08-DWQ  
National Pollutant Discharge Elimination System (NPDES)  
General Permit for  
Storm Water Discharges Associated With  
Construction Activity**

# Attachment H

## Storm Water Quality Construction Site Inspection Checklist

GENERAL INFORMATION				
Project Name	NCTD Sprinter Mainline Rail Construction Project			
Project N°	CU-01, IFB 04032			
Contractor	West Coast Rail Constructors			
Inspector's Name	Bill O'Sullivan			
Inspector's Title	Field Engineer			
Signature	 2-20-07			
Date of Inspection	Feb 20, 2007			
Inspection Type (Check Applicable)	<input type="checkbox"/> Prior to forecast rain <input checked="" type="checkbox"/> After a rain event <input type="checkbox"/> 24-hr intervals during extended rain <input type="checkbox"/> Other: Weekly Report			
Season (Check Applicable)	<input checked="" type="checkbox"/> Rainy <input type="checkbox"/> Non-Rainy			
Storm Data	Storm Start Date & Time:	2-19-07	Storm Duration (hrs):	1 day
	Time elapsed since last storm (Circle Applicable Units)	Min.	Hr.	Days
			Approximate Rainfall Amount (inches)	0.37"

PROJECT AREA SUMMARY AND DISTURBED SOIL AREA (DSA) SIZE		
Total Project Area	<u>281.2 Acres</u>	Acres
Field Estimate of Active DSAs	<u>270 Acres</u>	Acres
Field Estimate of Non-Active DSAs	<u>Zero (0)</u>	Acres

Notes:

INSPECTION OF BMPs				
BMP	Yes	No	N/A	Corrective Action
<b>Preservation of Existing Vegetation</b>				
Is temporary fencing provided to preserve vegetation in areas where no construction activity is planned?	X			
Location:	x			
Location:	X			
Location:	x			
Location:	x			
<b>Erosion Control</b>				
Does the applied temporary erosion control provide 100% coverage for the affected areas?	X			
Are any non-vegetated areas that may require temporary erosion control?	X			
Is the area where erosion controls are used required free from visible erosion?	x			
Location:	X			
Location:	X			
Location:	X			
Location:	X			
Location:				
<b>Temporary Linear Sediment Barriers (Silt Fence, Fiber Rolls, Sandbag Barriers, etc.)</b>				
Are temporary linear sediment barriers properly installed, functional and maintained?	X			
Are temporary linear sediment barriers free of accumulated litter?	X			
Is the built-up sediment less than 1/3 the height of the barrier?	X			
Are cross barriers installed where necessary and properly spaced?	X			
• Location: East of Coast Hwy	X			Repair silt fence on south side
• Location: West of Crouch	X			Repair silt fence
• Location: West ECR crossing	X			Repair silt fence on east side of crossing near stream
• Location:	X			
• Location:	X			
• Location:	X			
• Location:	X			
• Location:	X			
• Location:	X			
• Location:	X			
• Location:	X			
• Location:	X			
<b>Storm Drain Inlet Protection</b>				

INSPECTION OF BMPs				
BMP	Yes	No	N/A	Corrective Action
Are storm drain inlets internal to the project properly protected?	X			Sandbags are being used as inlet protection.
Are storm drain inlet protection devices in working order and being properly maintained?	X			
<ul style="list-style-type: none"> <li>• Location: Commerce to Crouch</li> </ul>	X			Clean soil from behind gravel bags – all inlets need maintenance
<ul style="list-style-type: none"> <li>• Location: Armorlite Yard</li> </ul>	X			Clean mud from behind gravel bags
<ul style="list-style-type: none"> <li>• Location:</li> </ul>	X			
<b>Sediment Basins</b>				
Are basins designed in accordance with the requirements of the General Permit?			X	
Are basins maintained to provide the required retention/detention?			X	
Are basin controls (inlets, outlets, diversions, weirs, spillways, and racks) in working order?			X	
Location:				
Location:				
Location:				
Location:				
<b>Stockpiles</b>				
Are all locations of temporary stockpiles, including soil, hazardous waste, and construction materials in approved areas?	X			
Are stockpiles protected from run-on, run-off from adjacent areas and from winds?	x			
Are stockpiles located at least 15 m from concentrated flows, downstream drainage courses and storm drain inlets?	x			
Are required covers and/or perimeter controls in place?	x			
<ul style="list-style-type: none"> <li>• Location: Stockpile at Rancho Del Oro Station</li> </ul>	x			Repair silt fence around soil stockpile
<ul style="list-style-type: none"> <li>• Location: Mar Vista yard</li> </ul>	X			Cover asphalt cold mix pile
<ul style="list-style-type: none"> <li>• Location: Nordahl Station</li> </ul>	X			Repair silt fence around stockpile
<ul style="list-style-type: none"> <li>• Location:</li> </ul>	X			
<ul style="list-style-type: none"> <li>• Location:</li> </ul>	x			
<ul style="list-style-type: none"> <li>• Location:</li> </ul>	X			
<ul style="list-style-type: none"> <li>• Location:</li> </ul>	X			
<ul style="list-style-type: none"> <li>• Location:</li> </ul>	X			
<b>Concentrated Flows</b>				
Are concentrated flow paths free of visible erosion?	X			
Location:	X			
Location:	X			
Location:	X			

INSPECTION OF BMPs				
BMP	Yes	No	N/A	Corrective Action
Location:	X			
<b>Tracking Control</b>				
Is the entrance stabilized to prevent tracking	X			
Is the stabilized entrance inspected daily to ensure that it is working properly		X		Stabilized entrances are inspected prior to working in the area.
Are points of ingress/egress to public/private roads inspected and swept and vacuumed as needed?	X			
Are all paved areas free of visible sediment tracking or other particulate matter?	X			
• Location: Coast Hwy Station off of Godfrey	X			Clean construction entrance
• Location: West Side of ECR xing	X			Clean construction entrance
• Location: RDO Station	X			Repair construction entrance
• Location: Escondido Ave xing	X			Repair construction entrance on both sides of street
• Location: Mar Vista yard	X			Clean construction entrance
• Location: Armorlite Yard	X			Clean construction entrance
• Location:	X			
<b>Wind Erosion Control</b>				
Is dust control implemented?	x			Water trucks operate continuously
Location:				
Location:				
Location:				
Location:				
<b>Dewatering Operations</b>				
Are all one-time dewatering operations covered by the General Permit inspected before and as they occur and BMPs implemented as necessary during discharge?	X			
Is ground water dewatering handled in conformance with the dewatering permit issued by the RWQCB?	X			
Is required treatment provided for dewatering effluent?		x		
Location: Pico and Mission Grade Crossing	X			Pumped nuisance water out of excavations
Location: Knoll and Mission Grade Crossing	X			Pumped nuisance water out of excavations
Location:				
Location:				
<b>Vehicle &amp; Equipment Fueling, Cleaning, and Maintenance</b>				
Are vehicle and equipment fueling, cleaning and maintenance areas reasonably clean and free of spills, leaks, or any other deleterious material?	X			
Are vehicle and equipment fueling, cleaning and maintenance activities performed on an impermeable surface in dedicated areas?	X			

<b>INSPECTION OF BMPs</b>				
BMP	Yes	No	N/A	Corrective Action
If no, are drip pans used?			X	
Are dedicated fueling, cleaning, and maintenance areas located at least 15 m away from downstream drainage facilities and watercourses and protected from run-on and runoff?	X			
Is wash water contained for infiltration/ evaporation and disposed of appropriately?	X			
Is on-site cleaning limited to washing with water (no soap, soaps substitutes, solvents, or steam)?			X	No onsite washing is taking place.
On each day of use, are vehicles and equipment inspected for leaks and if necessary, repaired?	X			Daily equipment inspections are taking place.
Location:				
Location:				
Location:				
Location:				
<b>Waste Management &amp; Materials Pollution Control</b>				
Are material storage areas and washout areas protected from run-on and runoff, and located at least 15 m from concentrated flows and downstream drainage facilities?	X			
Are all material handling and storage areas clean; organized; free of spills, leaks, or any other deleterious material; and stocked with appropriate clean-up supplies?	X			
Are liquid materials, hazardous materials, and hazardous wastes stored in temporary containment facilities?	X			
Are bagged and boxed materials stored on pallets?			X	No bagged or box stored on site.
Are hazardous materials and wastes stored in appropriate, labeled containers?	X			
Are proper storage, clean-up, and spill-reporting procedures for hazardous materials and wastes posted in open, conspicuous and accessible locations adjacent to storage areas?	X			
Are temporary containment facilities free of spills and rainwater?	X			
Are temporary containment facilities and bagged/boxed materials covered?			X	No bagged or box stored on site.
Are temporary concrete washout facilities designated and being used?	X			
Are temporary concrete washout facilities functional for receiving and containing concrete waste and are concrete residues prevented from entering the drainage system?	X			
Do temporary concrete washout facilities provide sufficient volume and freeboard for planned concrete operations?	X			
Are concrete wastes, including residues from cutting and grinding, contained and disposed of off-site or in concrete washout facilities?	X			
Are spills from mobile equipment fueling and maintenance properly contained and cleaned up?			X	
Is the site free of litter?	X			
Are trash receptacles provided in the yard, field trailer areas, and at locations where workers congregate for lunch and break periods?	X			
Is litter from work areas collected and placed in watertight dumpsters?	X			

INSPECTION OF BMPs				
BMP	Yes	No	N/A	Corrective Action
Are waste management receptacles free of leaks?	X			
Are the contents of waste management receptacles properly protected from contact with storm water or from being dislodged by winds?	X			
Are waste management receptacles filled at or beyond capacity?		X		
• Location:	X			
• Location:	X			
• Location:	X			
• Location:	X			
• Location:	X			
• Location:	X			
• Location:	X			
• Location:	X			
• Location:	X			
• Location:	X			
• Location:	X			
• Location:	X			
• Location:	X			
• Location:	X			
<b>Temporary Water Body Crossing or Encroachment</b>				
Are temporary water body crossings and encroachments constructed appropriately?			X	
Does the project conform to the requirements of the 404 permit and/or 1801 agreement?			X	
Location:				
Location:				
Location:				
Location:				
<b>Illicit Connection/ Discharge</b>				
Is there any evidence of illicit discharges or illegal dumping on the project site?		X		
If yes, has the Owner/Operator been notified?				
Location: Sta	X			
Location: Sta	X			
Location:				
Location:				
<b>Discharge Points</b>				
Are discharge points and discharge flows free from visible pollutants?	X			
Are discharge points free of any significant sediment transport?	X			

INSPECTION OF BMPs				
BMP	Yes	No	N/A	Corrective Action
Location:				
Location:				
Location:				
Location:				
<b>SWPPP Update</b>				
Does the SWPPP and Project Schedule adequately reflect the current site conditions and contractor operations?	X			
Are all BMPs shown on the water pollution control drawings installed in the proper location(s) and according to the details in the SWPPP?	X			
Location: See specific reference to locations above:				
Location:				
<b>General</b>				
Location:		X		
Location:		X		
<b>Are there any other potential concerns at the site?</b>				
Location:	X			
Location:				
Location:				
Location:				
Location:				
<b>Storm Water Monitoring</b>				
Does storm water discharge directly to a water body listed in the General Permit as impaired for sediment/sedimentation or turbidity?			X	
If yes, were samples for sediment/sedimentation or turbidity collected pursuant to the sampling and analysis plan in the SWPPP?			X	
Did the sampling results indicate that the discharges are causing or contributing to further impairment?			X	
If yes, were the erosion/sediment control BMPs improved or maintained to reduce the discharge of sediment to the water body?			X	
Were there any BMPs not properly implemented or breaches, malfunctions, leakages or spills observed which could result in the discharge of pollutants to surface waters that would not be visually detectable in storm water?			X	
If yes, were samples for non-visually detectable pollutants collected pursuant to the sampling and analysis plan during rain events?			X	
If sampling indicated pollution of the storm water, were the leaks, breaches, spills, etc. cleaned up and the contaminated soil properly disposed of?			X	
Were the BMPs maintained or replaced?			X	



Attachment H  
 Storm Water Quality Construction Inspection Checklist

INSPECTION OF BMPs				
BMP	Yes	No	N/A	Corrective Action
Were soil amendments (e.g., gypsum, lime) used on the project?			X	
If yes, were samples for non-visually detectable pollutants collected pursuant to the sampling and analysis plan in the SWPPP?			X	
If sampling indicated pollution of the storm water by the use of the soil amendments, is there a contingency plan for retention onsite of the polluted storm water?			X	
Did storm water contact stored materials or waste and run off the construction site? (Materials not in watertight containers, etc.)			X	
If yes, were samples for non-visually detectable pollutants collected pursuant to the sampling and analysis plan in the SWPPP?			X	

01/01/07	VSTC1:	* VISTA	330 :	63 /	45 /	0.00 /
01/02/07	VSTC1:	* VISTA	330 :	73 /	45 /	0.00 /
01/03/07	VSTC1:	* VISTA	330 :	73 /	45 /	0.00 /
01/04/07	VSTC1:	* VISTA	330 :	M /	45 /	0.00 /
01/05/07	VSTC1:	* VISTA	330 :	M /	45 /	0.06 /
01/06/07	VSTC1:	* VISTA	330 :	M /	M /	M /
01/07/07	VSTC1:	* VISTA	330 :	76 /	44 /	0.00 /
01/08/07	VSTC1:	* VISTA	330 :	86 /	46 /	0.00 /
01/09/07	VSTC1:	* VISTA	330 :	M /	M /	M /
01/10/07	VSTC1:	* VISTA	330 :	66 /	47 /	0.00 /
01/11/07	VSTC1:	* VISTA	330 :	66 /	45 /	0.00 /
01/12/07	VSTC1:	* VISTA	330 :	53 /	47 /	0.00 /
01/13/07	VSTC1:	* VISTA	330 :	57 /	37 /	0.00 /
01/14/07	VSTC1:	* VISTA	330 :	54 /	30 /	0.00 /
01/15/07	VSTC1:	* VISTA	330 :	62 /	30 /	0.00 /
01/16/07	VSTC1:	* VISTA	330 :	63 /	30 /	0.00 /
01/17/07	VSTC1:	* VISTA	330 :	56 /	33 /	0.00 /
01/18/07	VSTC1:	* VISTA	330 :	64 /	37 /	0.00 /
01/19/07	VSTC1:	* VISTA	330 :	64 /	35 /	0.00 /
01/20/07	VSTC1:	* VISTA	330 :	60 /	39 /	0.00 /
01/21/07	VSTC1:	* VISTA	330 :	64 /	42 /	0.00 /
01/22/07	VSTC1:	* VISTA	330 :	65 /	38 /	0.00 /
01/23/07	VSTC1:	* VISTA	330 :	68 /	38 /	0.00 /
01/24/07	VSTC1:	* VISTA	330 :	73 /	40 /	0.00 /
01/25/07	VSTC1:	* VISTA	330 :	78 /	44 /	0.00 /
01/26/07	VSTC1:	* VISTA	330 :	69 /	43 /	0.00 /
01/27/07	VSTC1:	* VISTA	330 :	61 /	47 /	0.00 /
01/28/07	VSTC1:	* VISTA	330 :	62 /	44 /	0.00 /
01/29/07	VSTC1:	* VISTA	330 :	65 /	43 /	0.00 /
01/30/07	VSTC1:	* VISTA	330 :	59 /	47 /	0.16 /
01/31/07	VSTC1:	* VISTA	330 :	59 /	43 /	1.64 /
02/01/07	VSTC1:	* VISTA	330 :	56 /	47 /	T /
02/02/07	VSTC1:	* VISTA	330 :	62 /	41 /	0.00 /
02/03/07	VSTC1:	* VISTA	330 :	67 /	41 /	0.00 /
02/04/07	VSTC1:	* VISTA	330 :	79 /	41 /	0.00 /
02/05/07	VSTC1:	* VISTA	330 :	84 /	44 /	0.00 /
02/06/07	VSTC1:	* VISTA	330 :	76 /	43 /	0.00 /
02/07/07	VSTC1:	* VISTA	330 :	M /	M /	M /
02/08/07	VSTC1:	* VISTA	330 :	65 /	40 /	0.00 /
02/09/07	VSTC1:	* VISTA	330 :	66 /	46 /	0.00 /
02/10/07	VSTC1:	* VISTA	330 :	64 /	47 /	0.00 /
02/11/07	VSTC1:	* VISTA	330 :	62 /	54 /	0.25 /
02/12/07	VSTC1:	* VISTA	330 :	61 /	51 /	0.02 /
02/13/07	VSTC1:	* VISTA	330 :	61 /	49 /	0.35 /
02/14/07	VSTC1:	* VISTA	330 :	64 /	38 /	0.23 /
02/15/07	VSTC1:	* VISTA	330 :	M /	M /	M /
02/16/07	VSTC1:	* VISTA	330 :	77 /	44 /	0.00 /
02/17/07	VSTC1:	* VISTA	330 :	M /	M /	M /
02/18/07	VSTC1:	* VISTA	330 :	67 /	51 /	0.00 /
02/19/07	VSTC1:	* VISTA	330 :	M /	51 /	0.37 /
02/20/07	VSTC1:	* VISTA	330 :	M /	M /	M /