

THIS REPORT IS PROVIDED AS AN EXAMPLE ONLY. ALL PROJECT INFORMATION, NAMES, AND DATES ARE FICTITIOUS. THIS IS NOT INTENDED TO BE A FINAL REPRESENTATION OF THE WORK DONE OR RECOMMENDATIONS MADE BY CALTRANS FOR AN ACTUAL PROJECT.

Short Form - Storm Water Data Report



Dist-County-Route: 03-Yub-65
 Post Mile Limits: 2.9/R4.7
 Project Type: Maintenance
 Project ID (or EA): XXXXXXXXXX
 Program Identification: 20.80.010.010
 Phase: PID
 PA/ED
 PS&E

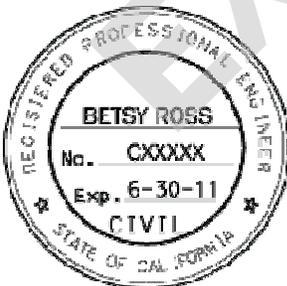
Regional Water Quality Control Board(s): Central Valley

- | | | | |
|----|--|------------------------------|--|
| 1. | Is the project required to consider incorporating Treatment BMPs? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| 2. | Does the project disturb 5 or more acres of soil? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| 3. | Does the project disturb more than 1 acre of soil and not qualify for the Rainfall Erosivity Waiver? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| 4. | Does the project potentially create permanent water quality impacts? | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |
| 5. | Does the project require a notification of ADL reuse | Yes <input type="checkbox"/> | No <input checked="" type="checkbox"/> |

If the answer to any of the preceding questions is "Yes", prepare a Long Form – Storm Water Data Report.

Estimate Construction Start Date: 09/2011 Construction Completion Date: 10/2011
 Separate Dewatering Permit (if yes, permit number) Yes Permit # _____ No
 Erosivity Waiver Yes Date: _____ No

This Short Form – Storm Water Data Report has been prepared under the direction of the following Licensed Person. The Licensed Person attests to the technical information contained herein and the data upon which recommendations, conclusions, and decisions are based. Professional Engineer or Landscape Architect stamp required at PS&E.



[Stamp Required for PS&E only]

Betsy Ross 10/08/10
 [Betsy Ross], Registered Project Engineer/Landscape Architect Date
 I have reviewed the stormwater quality design issues and find this report to be complete, current and accurate:

Friedrich Wilhelm von Steuben 10/08/10
 [Friedrich Wilhelm von Steuben), District/Regional SW Date
 Coordinator or Designee

1. Project Description

This is a fully funded HM-1 Maintenance project located on State Route 65 (SR65) near Wheatland in Yuba County. This job is estimated to begin construction in 2011. The limits are from PM 2.9 to R4.7. The approximate limits are from just north of Dairy Road to approximately 0.5 miles north of Rancho Road.

The existing road surface has deteriorated significantly. This project will replace asphalt concrete within the traveled way in order to preserve the structural section.

The work shall consist of the following activities:

- Cold plane to a maximum depth of 0.25 feet of the existing mainline asphalt surface
- Replace with hot mix asphalt
- Replace existing striping and markings in kind
- Replace center line rumble strip and striping in kind

Per the EPA definition for the CGP, this project is considered routine maintenance because it maintains the original line and grade, hydraulic capacity, and original purpose of the facilities. This project provides preventative maintenance to existing highway facilities and will maintain existing facility functions. Since this project is routine maintenance, it is exempt from the Construction General Permit requirements. Because the project consists of work only on existing facilities, this project also qualifies for a Class 1 Exemption under the California Environmental Quality Act (CEQA).

Because the work shall be confined to the traveled way, no soil disturbance is anticipated. There will be no shoulder backing or changes to the drainage profile. None of the work is scheduled to take place within any railroad right-of-way (R/W) or on bridge structures, and no permits are required. The only potential project pollutants are asphalt concrete (AC) grindings, striping paint, and other miscellaneous non-stormwater pollutants the contractor may be using on site.

The receiving water body for this project is Best Slough, which is not on the *Proposed 2006 CWA Section 303(d) List of Water Quality Limited Segments*. Because this project does not disturb soil or create new impervious area, the project should have minimal water quality impacts.

Measures to avoid and reduce potential impacts from the work area will be specified in the Water Pollution Control Program (WPCP) developed by the contractor and submitted to Caltrans for approval prior to work.

This project is located within the Yuba County Municipal Separate Storm Sewer System (MS4) permit area.

2. Construction Site BMPs

This project has no disturbed soil area, and therefore will require a Water Pollution Control Program rather than a Storm Water Pollution Prevention Plan. Because there is no disturbed soil area, the project is also exempt from the Construction General Permit and associated risk assessment.

Because there is no disturbed soil area, no erosion control is required, and the Construction Site Management and Additional Water Pollution Control items are anticipated to cover the cost of all Construction Site Best Management Practices (BMPs). General housekeeping items are the only tasks anticipated to be necessary. The contractor shall be responsible for the disposal of wastes in accordance with Section 7-1.13 of the State Standard Specifications.

Presently, this project will not require any equipment/staging areas. However, if the contractor requires such areas, the Caltrans Standard Special Provisions (SSPs), Section 5.1, indicates that the contractor will be responsible for securing locations for staging and storage to be approved by the Resident Engineer.

The BMP costs for this Project are estimated based on the "Unit Costs" method presented in Appendix F.6.3 of the Caltrans *Project Planning and Design Guide*. Quantities are shown below, and the estimate is included in the Supplemental Attachments.

Temporary Construction Site BMPs

BEES	Temporary Waste Management Control	SSP/nSSP (#, Y or N)	STD. Det. (Y or N)	Quantity	Unit
CSM*	Material Delivery and Storage	07-346	No		
CSM*	Material Use	07-346	No		
CSM*	Stockpile Management	07-346	No		

BEES	Temporary Non-Storm Water Management	SSP/nSSP (#, Y or N)	STD. Det. (Y or N)	Quantity	Unit
CSM*	Paving & Grinding Operations		No		
CSM*	Vehicle and Equipment Cleaning	07-346	No		
CSM*	Vehicle and Equipment Fueling	07-346	No		
CSM*	Vehicle and Equipment Maintenance	07-346	No		
074016	*Construction Site Management	07-346	No	1	LS

BEES	Miscellaneous Items	SSP/nSSP (#, Y or N)	STD. Det. (Y or N)	Quantity	Unit
074017	Water Pollution Control Plan (WPCP)	07-340	No	1	LS
066596	Additional Water Pollution Control			1	LS

Total Construction Site BMP Costs

Concurrence to exclusively use these items was obtained during a meeting with William Alexander, the Caltrans Construction Storm Water Coordinator, on September 15, 2010. Mr. Alexander gave verbal concurrence to the project engineer and project manager, and this is documented in the meeting minutes.

3. Required Attachments¹

- Vicinity Map
- Evaluation Documentation Form
- Construction Site BMP Consideration Form

¹ Additional attachments may be required as applicable or directed by the District/Regional Design Storm Water Coordinator (e.g. BMP line item estimate, DPP, CS checklists, etc).

4. Supplemental Attachments

- Checklist CS-1, Parts 5 and 6
- SWDR Tracking Form
- Storm Water BMP Cost Summary

EXAMPLE ONLY



Construction Site BMP Consideration Form

DATE: 10-08-10

Project ID (or EA): XXXXXXXXXX

Project Evaluation Process for the Consideration of Construction Site BMPs

NO.	CRITERIA	YES ✓	NO ✓	SUPPLEMENTAL INFORMATION
1.	Will construction of the project result in areas of disturbed soil as defined by the Project Planning and Design Guide (PPDG)?		✓	If Yes, Construction Site BMPs for Soil Stabilization (SS) will be required. Complete CS-1, Part 1. Continue to 2. If No, Continue to 3.
2.	Is there a potential for disturbed soil areas within the project to discharge to storm drain inlets, drainage ditches, areas outside the right-of-way, etc?		✓	If Yes, Construction Site BMPs for Sediment Control (SC) will be required. Complete CS-1, Part 2. Continue to 3.
3.	Is there a potential for sediment or construction related materials and wastes to be tracked offsite and deposited on private or public paved roads by construction vehicles and equipment?		✓	If Yes, Construction Site BMPs for Tracking Control (TC) will be required. Complete CS-1, Part 3. Continue to 4.
4.	Is there a potential for wind to transport soil and dust offsite during the period of construction?		✓	If Yes, Construction Site BMPs for Wind Erosion Control (WE) will be required. Complete CS-1, Part 4. Continue to 5.
5.	Is dewatering anticipated or will construction activities occur within or adjacent to a live channel or stream?		✓	If Yes, Construction Site BMPs for Non-Storm Water Management (NS) will be required. Complete CS-1, Part 5. Continue to 6.
6.	Will construction include saw-cutting, grinding, drilling, concrete or mortar mixing, hydro-demolition, blasting, sandblasting, painting, paving, or other activities that produce residues?	✓		If Yes, Construction Site BMPs for Non-Storm Water Management (NS) will be required. Complete CS-1, Parts 5 & 6. Continue to 7.
7.	Are stockpiles of soil, construction related materials, and/or wastes anticipated?	✓		If Yes, Construction Site BMPs for Waste Management and Materials Pollution Control (WM) will be required. Complete CS-1, Part 6. Continue to 8.
8.	Is there a potential for construction related materials and wastes to have direct contact with precipitation; stormwater run-on, or stormwater runoff; be dispersed by wind; be dumped and/or spilled into storm drain systems?		✓	If Yes, Construction Site BMPs for Waste Management and Materials Pollution Control (WM) will be required. Complete CS-1, Part 6. Continue to 9.
9.	End of checklist.			Document for Project Files by completing this form, and attaching it to the SWDR.

Betsy Pado
10/08/10

 PE to initialize after concurrence with Construction (PS&E only) Date

Construction Site BMPs		
Checklist CS-1, Part 5		
Prepared by: <u>B. Ross</u>	Date: <u>October 2010</u>	District-Co-Route: <u>03-Yub-65</u>
PM : <u>2.9/R4.7</u>	Project ID (or EA): <u>XXXXXXXXXX</u>	RWQCB: <u>Central Valley</u>

Non-Storm Water Management

Temporary Stream Crossing (NS-4) & Clear Water Diversion (NS-5)

1. Will construction activities occur within a waterbody or watercourse such as a lake, wetland, or stream? (Coordinate with District Construction for selection and preference for stream crossing and clear water diversion BMPs.) Yes No
 - (a) Select from types offered in NS-4 (Temporary Stream Crossing) to provide access through watercourses consistent with permits and agreements.¹ Complete
 - (b) Select from types offered in NS-5 (Clear Water Diversion) to divert watercourse consistent with permits and agreements.¹ Complete
 - (c) Designate as a separate contract bid line item(s). Complete

Other Non-Storm Water Management BMPs

2. Are construction activities anticipated that will generate wastes or residues with the potential to discharge pollutants? Yes No
 - (a) Identify potential pollutants associated with the anticipated construction activity and select the corresponding BMP such as NS-1 (Water Conservation Practices), NS-2 (Dewatering Operations), NS-3 (Paving and Grinding Operations), NS-7 (Potable Water/Irrigation), NS-8 (Vehicle and Equipment Cleaning), NS-9 (Vehicle and Equipment Fueling), NS-10 (Vehicle and Equipment Maintenance), NS-11 (Pile Driving Operations), NS-12 (Concrete Curing), NS-13 (Material and Equipment Use Over Water), NS-14 (Concrete Finishing), and NS-15 (Structure Demolition/Removal Over or Adjacent to Water).¹ Complete
 - (b) Verify that costs for non-stormwater management BMPs are identified in the contract documents. Designate BMP as a separate contract bid line item if the requirements in Construction Site Management (SSP 07-346) are anticipated to be inadequate or if requested by Construction. Complete

¹ Coordinate with District Environmental for consistency with US Army Corps of Engineers 404 and 401 permits and Dept. of Fish and Game 1601 Streambed alteration Agreements.

Construction Site BMPs		
Checklist CS-1, Part 6		
Prepared by: <u>B. Ross</u>	Date: <u>October 2010</u>	District-Co-Route: <u>03-Yub-65</u>
PM : <u>2.9/R4.7</u>	Project ID (or EA): <u>XXXXXXXXXX</u>	RWQCB: <u>Central Valley</u>

Waste Management & Materials Pollution Control

Concrete Waste Management (WM-8)

- Yes No
1. Does the project include concrete placement or mortar mixing?
- (a) Select from types offered in WM-8 (Concrete Waste Management) to provide concrete washout facilities. In addition, consider portable concrete washouts and vendor supplied concrete waste management services. (Coordinate with District Construction for selection and preference of waste management and materials pollution control BMPs.) Complete
- (b) Designate as a separate contract bid line item if the quantity of concrete waste and washout are anticipated to exceed 5.2 yd³ or if requested by Construction. Complete

Other Waste Management and Materials Pollution Controls

- Yes No
2. Are construction activities anticipated that will generate wastes or residues with the potential to discharge pollutants?
- (a) Identify potential pollutants associated with the anticipated construction activity and select the corresponding BMP such as WM-1 (Material Delivery and Storage), WM-2 (Material Use), WM-4 (Spill Prevention and Control), WM-5 (Solid Waste Management), WM-6 (Hazardous Waste Management), WM-7 (Contaminated Soil Management), WM-9 (Sanitary/Septic Waste Management) and WM-10 (Liquid Waste Management) Complete
- (b) Verify that costs for waste management and materials pollution control BMPs are identified in the contract documents. Designate BMP as a separate contract bid line item if the requirements in Construction Site Management (SSP 07-346) are anticipated to be inadequate or if requested by Construction. Complete

Temporary Stockpiles (Soil, Materials, and Wastes)

- Yes No
3. Are stockpiles of soil, etc. anticipated during construction?
- (a) Select WM-3 (Stockpile Management), SS-3 (Hydraulic Mulch), SS-4 (Hydroseeding), SS-5 (Soil Binders), SS-7 (Geotextiles, Mats, Plastic Covers, and Erosion Control Blankets), or a combination as appropriate to cover temporary stockpiles of soil, etc. Complete

- (b) Select linear sediment barrier such as SC-1 (Silt Fence), SC-5 (Fiber Rolls), SC-6 (Gravel Bag Berm), SC-8 (Sand Bag Barrier), SC-9 (Straw Bale Barrier), or a combination to encircle temporary stockpiles of soil, etc. (Coordinate with District Construction for selection and preference of BMPs related to stockpiles.) Complete
- (c) Designate as a separate contract bid line item if the requirements in Construction Site Management (SSP 07-346) are anticipated to be inadequate or if requested by Construction. Complete
4. Is there a potential for dust and debris from construction material (fill material, etc.) and waste (concrete, contaminated soil, etc.) stockpiles to be transported offsite by wind? Yes No
- (a) Select SS-7, temporary cover, plastic sheeting or other BMP to cover stockpiles subject to wind erosion year-round, especially when significant wind and dry conditions are anticipated during project construction. (Coordinate with District Construction for selection and preference of wind erosion control BMPs.) Complete
- (b) Designate as a separate contract bid line item. Complete



Report Date	Dist EA	District	EA	County	Route	Beg PM	End PM	Descrip	Phase	LongSWDR	PhaseRptDate	Exempt	TBMP	Pollution Program	Land Disturbance Acreage	AddImpArea	PercentTreated	MS4Area	MS4CiCo	Water Bodies Affected	Criteria	BioStrip	BioSwale	Detention	Infiltration	InfilTrench	GSRD	TST	DryWeath	MedFilter	MCTT	WetBasin	Const Start	Const Comp	SWComment
10/8/2010	03-XXXX	3	XXXXXX	Yub	65	2.9	R4.7	Mainten: PS&E		FALSE	10/8/2010	TRUE	FALSE	WPCP	0	0	0	TRUE	Yuba	Best Slough	N/A	0	0	0	0	0	0	0	0	0	0	0	9/1/2011	10/31/2011	

EXAMPLE ONLY

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Short Form - Storm Water Data Report

Storm Water BMP Cost Summary

THIS INFORMATION IS FOR CALTRANS INTERNAL USE ONLY

Temporary Construction Site BMPs

BEES	Temporary Waste Management Control	SSP/nSSP (#, Y or N)	STD. Det. (Y or N)	Quantity	Unit	Unit Cost (\$/Unit)	Cost
CSM*	Material Delivery and Storage	07-346	No				\$ -
CSM*	Material Use	07-346	No				\$ -
CSM*	Stockpile Management	07-346	No				\$ -

BEES	Temporary Non-Storm Water Management	SSP/nSSP (#, Y or N)	STD. Det. (Y or N)	Quantity	Unit	Unit Cost (\$/Unit)	Cost
CSM*	Paving & Grinding Operations		No				\$ -
CSM*	Vehicle and Equipment Cleaning	07-346	No				\$ -
CSM*	Vehicle and Equipment Fueling	07-346	No				\$ -
CSM*	Vehicle and Equipment Maintenance	07-346	No				\$ -
074016	*Construction Site Management	07-346	No	1	LS	10,000	\$ 10,000

BEES	Miscellaneous Items	SSP/nSSP (#, Y or N)	STD. Det. (Y or N)	Quantity	Unit	Unit Cost (\$/Unit)	Cost
074017	Water Pollution Control Plan (WPCP)	07-340	No	1	LS	1,100	\$ 1,100
066596	Additional Water Pollution Control			1	LS	1,100	\$ 1,100
Total Construction Site BMP Costs							\$ 12,200

Notes:

Estimated Using Unit Cost Method as outlined in Section F.6.3 of the PPDG

Water Pollution Control items estimated using Table F-6 using total project cost of \$500K



EXAMPLE ONLY