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

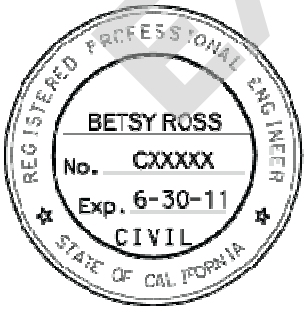
Dist-County-Route: 03-Sie-49
Post Mile Limits: 35.0/47.4
Project Type: Preventative Maintenance
Project ID (or EA): 03-XXXXXX
Program Identification: 20.80.010.010
Phase: ☐ PID
☐ PA/ED
☒ PS&E

Regional Water Quality Control Board(s): Central Valley

1.	Is the project required to consider incorporating Treatment BMPs?	Yes ☐	No ☒
2.	Does the project disturb 5 or more acres of soil?	Yes ☐	No ☒
3.	Does the project disturb more than 1 acre of soil and not qualify for the Rainfall Erosivity Waiver?	Yes ☐	No ☒
4.	Does the project potentially create permanent water quality impacts?	Yes ☐	No ☒
5.	Does the project require a notification of ADL reuse	Yes ☐	No ☒

If the answer to any of the preceding questions is "Yes", prepare a Long Form – Storm Water Data Report.
Estimate Construction Start Date: 6/1/11 Construction Completion Date: 8/1/11
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 Coordinator or Designee *Date*

EXAMPLE ONLY

1. Project Description

This project proposes to place a microsurfacing seal coat consisting of asphaltic emulsion and aggregate on the existing pavement to prolong the life of the roadway in Sierra County near Sierra City on State Route 49 (SR49) from 0.7 miles east of Gold Lake Road to the northern SR 49/89 junction. Prior to placing the microsurfacing, cracks will be sealed, and failed pavement will be replaced by grinding to a maximum depth of 3 inches and repaving with hot mix asphalt (HMA). Damaged asphalt concrete dikes will be replaced in kind, and shoulder backing will be constructed behind these dikes. All pavement delineation affected will be replaced 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. Because this project is routine maintenance, it is exempt from the Construction General Permit requirements.

Receiving water bodies for this project are Salmon Creek, Howard Creek, Haskell Creek, Chapman Creek, Lunch Creek, and the North Fork Yuba River. None of these is on the 2006 Clean Water Act 303(d) list of Water Quality Limited Segments or has a specified total maximum daily load.

This project should have minimal water quality impacts because it does not disturb soil and does not create any new impervious area. With the exception of temporary construction area sign placement and placement of shoulder backing behind HMA dikes, all work is within existing pavement limits and does not count toward the calculation of DSA. The project is not located within the area of a local Municipal Separate Storm Sewer System (MS4) permittee.

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 the project disturbs less than one acre of soil, neither a Rainfall Erosivity Waiver nor a Risk Assessment is required.

Temporary construction site Best Management Practices (BMPs) will minimize water pollution. The short construction period of two months during a time of year with little historical rainfall will further reduce the potential for water quality impacts. Construction sequencing shall be scheduled to minimize potential water quality impacts. All appropriate waste management and material pollution controls, in addition to non-storm water management BMPs, have been considered, and budget has been included in the lump sum Construction Site Management bid item. This includes the quantity for concrete washout, which is less than 5.2 cubic yards (yd^3). Work will be performed in conformance with the provisions in Caltrans' SSP S5-630, "Relations with California Water Quality Control Board," SSP 07-340, "Water Pollution Control," and SSP 07-346, "Construction Site Management." 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*, using an estimated total construction cost of $1.1 million.

Concurrence to utilize construction site management for all items was received via an email from William Alexander, the Caltrans Construction Storm Water Coordinator, on September 13 2010.

EXAMPLE ONLY

3. Required Attachments[1]

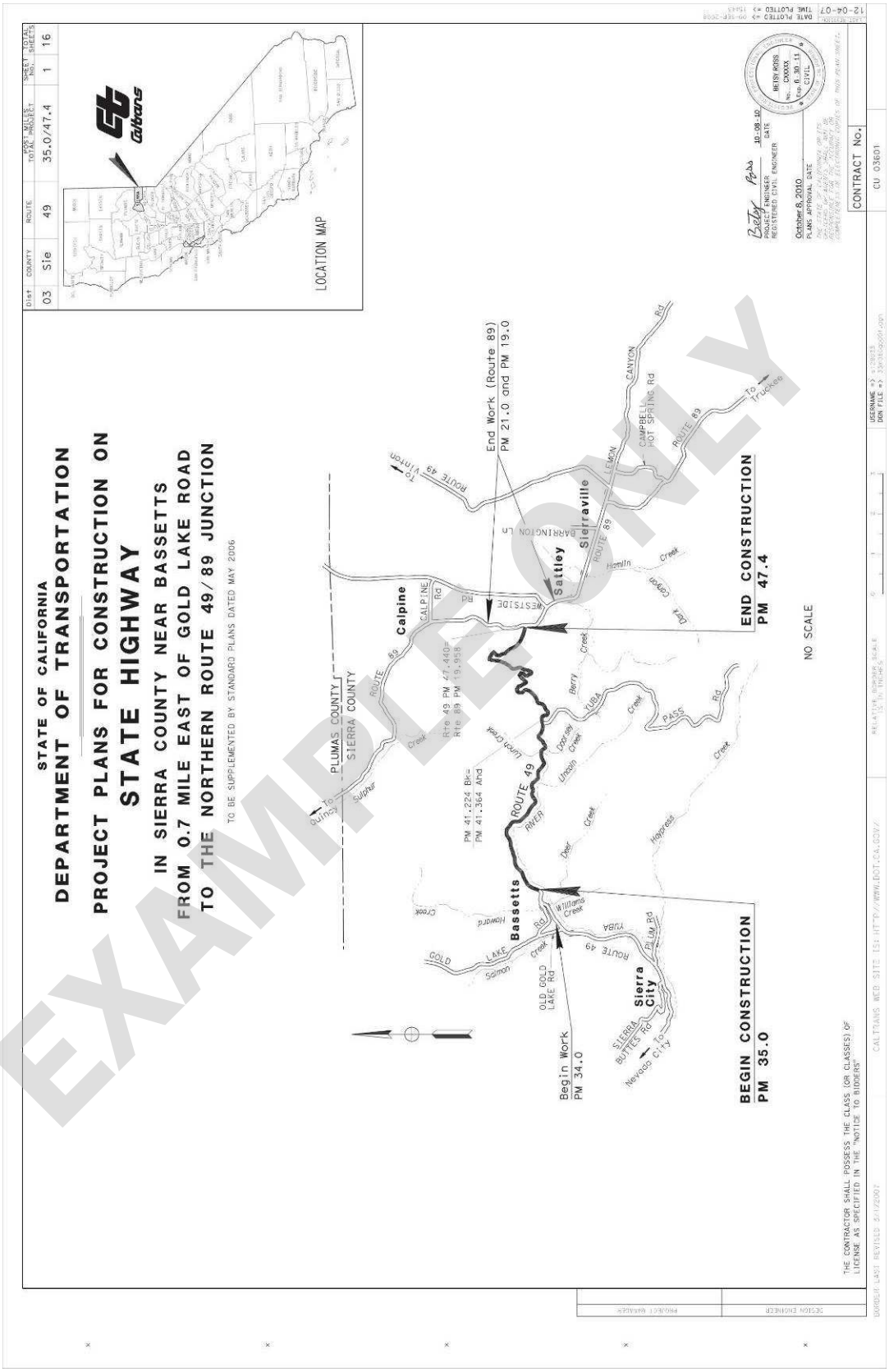
- Vicinity Map
- Evaluation Documentation Form
- Construction Site BMP Consideration Form

4. Supplemental Attachments

- Checklist CS-1, Parts 5 and 6
- SWDR Tracking Form
- Water Pollution Control Cost Estimate (for Caltrans use only)

EXAMPLE ONLY

[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).


STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
PROJECT PLANS FOR CONSTRUCTION ON
STATE HIGHWAY
IN SIERRA COUNTY NEAR BASSETTS
FROM 0.7 MILE EAST OF GOLD LAKE ROAD
TO THE NORTHERN ROUTE 49/89 JUNCTION
TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006
Dist COUNTY ROUTE POST MILES TOTAL PROJECT SHEET NO. TOTAL SHEETS
03 Sie 49 35.0/47.4 1 16
LOCATION MAP
End Work (Route 89) PM 21.0 and PM 19.0
Begin Work PM 34.0
BEGIN CONSTRUCTION PM 35.0
END CONSTRUCTION PM 47.4
NO SCALE
PLUMAS COUNTY
SIERRA COUNTY
Calpine
Sattley
Sierraville
Bassetts
Sierra City
ROUTE 49
ROUTE 89
Rte 49 PM 47.440=
Rte 89 PM 19.958
PM 41.224 Bk=
PM 41.364 Ahd
To Quincy
To Vinton
To Truckee
To Nevada City
CONTRACT No.
CU 03601
October 8, 2010
PLANS APPROVAL DATE
PROJECT ENGINEER
REGISTERED CIVIL ENGINEER
DATE
THE CONTRACTOR SHALL POSSESS THE CLASS (OR CLASSES) OF LICENSE AS SPECIFIED IN THE "NOTICE TO BIDDERS"
CALTRANS WEB SITE: HTTP://WWW.DOT.CA.GOV/
STANDARD LAYOUT REVISED 2/1/2007
DESIGN ENGINEER
PROJECT MANAGER
EXAMPLE ONLY

DATE: 10-08-10

Project ID (or EA): 03-XXXXXX

NO.	CRITERIA	YES ✓	NO ✓	SUPPLEMENTAL INFORMATION FOR EVALUATION
1.	Begin Project Evaluation regarding requirement for consideration of Treatment BMPs	✓		See Figure 4-1, Project Evaluation Process for Consideration of Permanent Treatment BMPs. Go to 2
2.	Is this an emergency project?		✓	If **Yes**, go to 10. If **No**, continue to 3.
3.	Have TMDLs or other Pollution Control Requirements been established for surface waters within the project limits? Information provided in the water quality assessment or equivalent document.		✓	If **Yes**, contact the District/Regional NPDES Coordinator to discuss the Department's obligations under the TMDL (if Applicable) or Pollution Control Requirements, go to 9 or 4. ____ *(Dist./Reg. SW Coordinator initials*) If **No**, continue to 4.
4.	Is the project located within an area of a local MS4 Permittee?		✓	If **Yes**. *(write the MS4 Area here)*, go to 5. If **No**, document in SWDR go to 5.
5.	Is the project directly or indirectly discharging to surface waters?	✓		If **Yes**, continue to 6. If **No**, go to 10.
6.	Is it a new facility or major reconstruction?		✓	If **Yes**, continue to 8. If **No**, go to 7.
7.	Will there be a change in line/grade or hydraulic capacity?		✓	If **Yes**, continue to 8. If **No**, go to 10.
8.	Does the project result in a net increase of one acre or more of new impervious surface?			If **Yes**, continue to 9. If **No**, go to 10. *0 acres (Net Increase New Impervious Surface)*
9.	Project is required to consider approved Treatment BMPs.		See Sections 2.4 and either Section 5.5or 6.5 for BMP Evaluation and Selection Process. Complete Checklist T-1 in this Appendix E.	
10.	Project is not required to consider Treatment BMPs. FWS *(Dist./Reg. Design SW Coord. Initials)* BR *(Project Engineer Initals)* 10/08/10 *(Date)*	✓	Document for Project Files by completing this form, and attaching it to the SWDR.	

See Figure 4-1, Project Evaluation Process for Consideration of Permanent Treatment BMPs

EXAMPLE ONLY

DATE: 10-08-10

Project ID (or EA): 03-XXXXXX

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 Ross 10/08/10

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

EXAMPLE ONLY

Construction Site BMPs
Checklist CS-1, Part 5

Prepared by: B. Ross Date: October 2010 District-Co-Route: 03-Sie-49

PM : 35.0/47.4 Project ID (or EA): 03-XXXXXX RWQCB: Central Valley

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

EXAMPLE ONLY

[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: B. Ross Date: October 2010 District-Co-Route: 03-Sie-49

PM : 35.0/47.4 Project ID (or EA): 03-XXXXXX RWQCB: Central Valley

Waste Management & Materials Pollution Control

Concrete Waste Management (WM-8)

1. Does the project include concrete placement or mortar mixing? ☒Yes ☐No

   (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 yd^3 or if requested by Construction. ☒Complete

Other Waste Management and Materials Pollution Controls

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 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)

3. Are stockpiles of soil, etc. anticipated during construction? ☒Yes ☐No

   (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

EXAMPLE ONLY

(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

EXAMPLE ONLY

EXAMPLE ONLY

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	Sie	49	35	47.4	Preventa	PS&E	FALSE	10/8/2010	TRUE	FALSE	WPCP	0	0	0	FALSE		Salmon Creek, Howard (	N/A	0	0	0	0	0	0	0	0	0	0	0	6/1/2011	8/1/2011	

EXAMPLE ONLY

EXAMPLE ONLY

Storm Water BMP Cost Summary

THIS INFORMATION IS FOR **CALTRANS INTERNAL USE ONLY**

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				$ -
CSM*	Spill Prevention and Control	07-346	No				$ -
CSM*	Temp Conc Washout (Portable)	07-406	No				$ -
CSM*	Sanitary/Septic Waste Managemt	07-346	No				$ -
CSM*	Liquid Waste Management	07-346	No				$ -
						Subtotal Waste Management & Materials Handling BMPs	$ -

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						$ -
CSM*	Illicit Connection/Illegal Discharge Detection and Reporting	07-346	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	17,500	$ 17,500
						Subtotal Non-Storm Water Management	$ 17,500

BEES	*Miscellaneous Items*	SSP/nSSP (#, Y or N)	STD. Det. (Y or N)	Quantity	Unit	Unit Cost ($/Unit)	Cost
074017	Prepare Water Pollution Control Program	07-340	No	1	LS	1,100	$ 1,100
066596	Additional Water Pollution Control			1	LS	1,100	$ 1,100
						Subtotal Miscellaneous Items	**$ 2,200**

Total Construction Site BMP Costs	**$ 19,700**

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 based on total project cost of $1.2M

EXAMPLE ONLY

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