Long Form – Stormwater Data Report Template

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| --- | --- |
|  | Dist-County-Route:  |
| Post Mile Limits:  |
| Type of Work:  |
| Project ID (EA):  |
|  |
| Phase: [ ]  PID [ ]  PA/ED [ ]  PS&E |
|  |  |
| Applicable Caltrans Post Construction Treatment Requirement: 2012 [ ]  2022 [ ] [ ]  |
| Regional Water Quality Control Board(s):  |
| Total Disturbed Soil Area:  | PCTA:  |
| Alternative Compliance (acres): | ATA 2 (50% Rule)? | Yes [ ]  | No [ ]  |
| Estimated Const. Start Date:  | Estimated Const. Completion Date:  |
| Risk Level:  | RL 1 [ ]  | RL 2 [ ]  | RL 3 [ ]  | WPCP [ ]  | Other:  |
| Is (M)WELO applicable? | Yes [ ]  | No [ ]  |  |
| Is the Project within a TMDL watershed? | Yes [ ]  | No [ ]  |  |
| Does the project require trash treatment?  | Yes [ ]  | No [ ]  |  |
| Notification of ADL reuse (if yes, provide date): | Yes [ ]  | Date:  | No [ ]  |
|  |  |  |  |
| ***This Report has been prepared under the direction of the following Licensed Person. The Licensed Person attests to the technical information contained herein and the date upon which recommendations, conclusions, and decisions are based. Professional Engineer or Landscape Architect stamp required at PS&E only.*** |
| [Name], Registered Project Engineer/Landscape Architect | Date |
| ***I have reviewed the stormwater quality design issues and find this report to be complete, current and accurate:*** |
|  |  |
|  | *[Name], Project Manager* | *Date* |
|  |  |
|  | *[Name], District Maintenance Stormwater Coordinator*  | *Date* |
|  |  |
|  | *[Name], Designated Landscape Architect Representative*  | *Date* |
| *[Stamp Required at PS&E only]* |  |
| *[Name], District/Regional Design SW Coordinator or Designee* | *Date* |

**1. Project Description**

* Clearly describe the type of project and major engineering features.
* Describe how the following values were calculated:
* Total disturbed soil area (DSA)
* New impervious surface (NIS)
* Net New Impervious (NNI)
* Replaced impervious surface (RIS)
* PCTA
* Determine if NNI is greater than 50% of the post project impervious area
* Determine if existing Treatment BMPs are to be removed or modified as part of the project
* Document if Treatment BMPs are required or being incorporated to address TMDLs, and others.

**2.** **Site Data and Stormwater Quality Design Issues**

***Complete this section for all Projects.*** *Project Engineer (PE) should confer with District/Regional Design Stormwater Coordinator, Landscape Architecture, Maintenance, Hydraulics, Construction and Environmental Unit to assist in defining design issues.*

* Use source documents identified on Checklist SW-1 to briefly discuss applicable items listed on Checklists SW-2 and SW-3.
* Other information.

**3. Construction Site BMPs to be used on Project**

***Complete this section for all Projects.***

* Refer to Section 6.4.4 for typical Construction Site BMP information to be documented in this section.
* Identify project risk level or summarize why project is exempt from Construction General Permit requirements.
* Checklist CS-1, Parts 1 – 6 can be used to provide general guidance for consideration of Construction Site BMPs to be used for the project.
* Briefly describe the Construction Site BMP strategy and include any pertinent details used for the implementation of Construction Site BMPs (e.g., specific project conditions, construction operations).
* Identify and describe as applicable:
* Dewatering needs and requirements. Will a separate dewatering permit be needed?
* Temporary creek or clear water diversion placement and design.
* Active treatment systems (ATS) for stormwater or non-stormwater.
* Provide estimate information (see Section 6.4.4)
* Document the coordination effort to get concurrence from Construction regarding the Construction Site BMP strategy and estimate (provide names of staff and date of concurrence; required at PS&E only; recommended at all phases).

**4. Maintenance BMPs**

***Complete this section or state not applicable.*** *Coordinate Maintenance BMP efforts with the District Maintenance Staff to determine if Maintenance BMPs are needed.*

* A typical Maintenance BMP related to stormwater quality that should be considered is drainage inlet stenciling. If used, briefly describe locations where drain inlet stenciling is required and include any specific stencil types other than Caltrans standard.
* Describe features to assist with maintaining BMPs; these may include maintenance vehicle pullouts, access gates and roads, and maintenance worker safety features. Briefly describe type and locations.

**5. Other Water Quality Requirements and Agreements**

***Complete this section or state not applicable as directed by the District/Regional National Pollutant Discharge Elimination System (NPDES) Coordinator.***

* Summarize any key negotiated understandings or agreements with RWQCB and other permitting agencies pertaining to this project.
* Document any specific meeting dates and contact names that reference the negotiated understandings and/or agreements.
* Identify any special requirements or conditions (e.g., inspections, monitoring, or reporting) from the PLACs related to stormwater and water quality, if available.

**6. Permanent BMPs**

*Permanent BMPs are strategies and measures to minimize and avoid water quality impacts in the post construction condition. Permanent BMPs include Design Pollution Prevention and Treatment BMP strategies.*

**Rapid Stability Assessment**

***Complete this section if a Rapid Stability Assessment (RSA) is required.***

* Document the number of crossings requiring an RSA and list any crossings that required a higher level analyses (Level 1-3).
* Describe any additional work proposed for the project due to the higher level analysis.

**Design Pollution Prevention (DPP) BMP Strategy**

***Complete this section if DPP BMPs are proposed for the Project.*** *Implementation of DPP BMPs is required for all projects; however, if the PE determines that the DPP BMP strategy does not necessitate a detailed discussion, state not applicable.*

* Refer to Section 6.4.7.2 for typical DPP BMP information to be documented in this section.
* Refer to Checklist DPP-1, Part 1 for general determination of whether DPP BMPs should be considered for the project.
* Checklist DPP-1, Parts 2 - 5 can be used to provide general guidance for consideration of DPP BMPs to be used for the project.
* Describe DPP BMP strategy to avoid or minimize permanent water quality impacts.

**Treatment BMP Strategy**

***Complete this section to document Treatment BMPs and credits; otherwise, state not applicable.***

* Refer to Section 6.4.7.3 for typical Treatment BMP information to be documented in this section.
* Summarize the findings from Checklist T-1, Part 1.
* SummarizepertinentFeasibility and Design Elements responses to Checklist T-1, Parts 2-11 in a short narrative. **Only discuss Treatment BMP types considered for the project.**
* Provide a list of all Treatment BMPs being incorporated into the project. (see Table E-2)
* Describe how Alternative Compliance is being applied to the project or how the Post Construction Treatment Balance is being documented.
* Discuss any pertinent information related to design elements used to meet provisions of the TMDL Compliance Plan.
* At PS&E provide a cost for each Treatment BMP that is being used for post construction treatment or Alternative Compliance. These costs are documented in the SWDR Summary Spreadsheets and/or Stormwater Portal (Required at PS&E). These costs are for internal Caltrans use only.
* At PID and PA/ED based on the estimating method used (see F.3.1) provide a Treatment BMP estimate for Treatment BMPs that are being used for post construction treatment or Alternative Compliance. Any costs provided are for Caltrans internal use only.

***Complete the following table if treatment is required for the project.***

Table E-1. Overall Project Treatment Summary Table 1



1 This table is provided as an example. The table may be edited, altered, or removed as applicable or as directed by the District/Regional Design Stormwater Coordinator.

2 Provide treatment for ATA 1 even if NIS is less than 10,000 ft2.

3 Requires RWQCB approval. Coordinate with District/Regional NPDES Coordinator.

4 If less than 0, additional treatment must be identified.

**Required Attachments (see 6.4.8)**

* Vicinity Map (see 6.4.8.1)
* Evaluation Documentation Form (EDF) (see E-10)
* SWDR Summary Spreadsheets (TMT Tab required at PS&E only)
* Risk Level Determination Documentation (if applicable) (see 6.4.4.2)
* RUSLE2 Summary Sheet, as applicable (required at PS&E only)
* SWDR Attachment for SMARTS Input (required at PS&E only if CGP is applicable) (see E-11)
* Construction BMP Estimate (for internal Caltrans use only) (at PS&E only) (see 6.4.4)

**Supplemental Attachments**

***Note: Supplemental Attachments are to be supplied during the SWDR approval process when requested; where noted, some of these items may only be requested on a project-specific basis.***

* Checklist SW-1, Site Data Sources (see E-14, 6.4.3.1)
* Checklist T-1, Part 1 (Treatment BMPs), if applicable (see E-15)
* Estimate Support Information for Construction Site, DPP, and/or Treatment BMPs, electronic copies accepted (Costs are for Caltrans internal use only)
* Calculations and supporting information for sizing Treatment BMPs or DPP BMPs or claiming post construction treatment for Alternative Compliance (contact the District/Regional NPDES Coordinator for expected method of documentation), if applicable
* Plans showing BMP deployment (e.g., Layout Sheets, Drainage Sheets, Water Pollution Control Sheets) (if requested by District/Regional Design Stormwater Coordinator), if applicable
* Method Demonstration Form (if prepared) (see 6.4.7.4)
* Documentation of Rapid Stability Assessment findings, including any higher level evaluation, if required (see 1.4.2.1)
* Locally required WELO calculations and forms or MWELO Excel Worksheet, if applicable (see 6.4.7.5)
* Checklist SW-2, Stormwater Quality Issues Summary (see 6.4.3.1)
* Checklist SW-3, Measures for Avoiding or Reducing Potential Stormwater Impacts (see 6.4.3.1)
* Checklist DPP-1, Parts 1–5 (Design Pollution Prevention BMPs) (see Appendix A)
* Checklist T-1, Part 2–11 (Treatment BMPs) (see Appendix B)
* Construction Site BMP Consideration Form (see Appendix C)
* Checklist CS-1, Parts 1–6 (Construction Site BMPs) (see Appendix C)