

Schaaf & Wheeler
CONSULTING CIVIL ENGINEERS

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June 8, 2018

Monterey Peninsula Water Management District
ATTN: Maureen Hamilton
5 Harris Court, Bldg G
Monterey, CA 93940

Dear Ms. Hamilton:

Re: Aquifer Storage and Recovery Site Expansion, Construction Storm Water Pollution Prevention Plan Services

Schaaf & Wheeler is pleased to submit this proposal to provide professional services for the development of a Storm Water Pollution Prevention Plan (SWPPP) for the proposed aquifer storage and recovery site expansion at Seaside, California. The project includes expansion of the existing percolation basin, adding an equipment building and adding on-site pipelines. The work will extend through at least one rain season.

Our scope of services will include one site visit for preliminary site walk, development of the SWPPP document, and upload of all project related data to the Water Boards Storm Water Multiple Application and Reports Tracking System (SMARTS) database to obtain and maintain coverage under the General Permit for Discharges of Storm Water Associated with Construction Activity (Construction General Permit Order 2009-0009-DWQ, as amended by 2012-0006-DWQ).

It is the owner/contractor's responsibility to ensure that all inspections related to the SWPPP document are performed and Best Management Practices (BMPs) are installed and maintained as indicated in the SWPPP. The owner/contractor shall provide inspection records to Schaaf and Wheeler for upload to the SMARTS after the inspection is performed.

Professional charges will be billed on a time and materials basis. The anticipated total not-to-exceed fee is \$14,000. Any additional services in excess of the proposed budget would require your approval. If you have any questions, or require additional information, please contact Andy Sterbenz at (831) 883-4848, or asterbenz@swsv.com.

Sincerely,
Schaaf & Wheeler

A handwritten signature in blue ink, appearing to read 'D. Schaaf', followed by a large, stylized flourish.

Daniel J. Schaaf, PE
Vice President, License C-57617

Scope of Services

Schaaf & Wheeler proposes the following scope of services for SWPPP development. Work will be completed on a time-and-materials basis for a not-to-exceed fee of **\$14,000**.

Task 1: Review Project Data and Site Plans

Schaaf & Wheeler will perform a thorough review of the project data and plans to determine the extent of soil disturbance and other potential impacts. These data include, but are not limited to, the geotechnical/soils report, grading plan, drainage plan, and erosion control plan. It is the owner's responsibility to supply Schaaf and Wheeler with all the available project data.

Task 2: Site Visit

Schaaf & Wheeler personnel will conduct a field visit to identify drainage patterns, location of existing drainage structures, and location of proposed improvements. It is understood that there are no known outfalls and receiving water bodies, and runoff generated during construction activities percolates into the sand present at the site. The site plans and site visit will be used in conjunction with the drainage reports (if available) to identify the location of BMPs to be used at the site.

An internal QA/QC review shall be performed by a senior level engineer to validate the findings and selection of BMPs that are most effective to mitigate the impacts of storms that may occur during construction of the project.

Task 3: SWPPP Development

Schaaf & Wheeler will prepare a draft and final SWPPP for the project site. The SWPPP will be prepared after careful review of all available data. A draft SWPPP will be provided to the client for initial review and comments, pending which the final document will be prepared.

Task 4: SMARTS Database Management

Schaaf & Wheeler will upload project data to the Water Boards SMARTS database. This will include processing project information and Notices of Intent (NOIs), reviewing, updating, terminating Notices of NOIs, annual reports, and maintaining the billing status of each discharger. It is assumed that the contractor/owner will perform the required inspections and transmit all data to Schaaf and Wheeler.

Items not Included in the Scope

The proposed scope of work does not include performing inspections that are required under the Construction General Permit. These inspection include, at a minimum, weekly BMP inspections, pre-storm inspections (within 48 hours before), post storm (within 48 hours after), during storms (every 24 hours), and quarterly inspection for non-stormwater flows. In addition, sampling is required for non-visible pollutants if triggered for all Risk Levels and discharge monitoring is required for traditional Risk Level 2 and 3 projects at least 3 times a day when there is a discharge. It is anticipated that there will be no discharge monitoring requirements because the site does not discharge into the receiving water body. Detailed evaluation of monitoring and sampling requirements can only be made once all project data is received.

Schedule

Below is an approximation of the duration of each task.

- Task 1 – 1 week
- Task 2 – 1 week
- Task 3 – 2 weeks
- Task 4 – Ongoing through the duration of the project

Pure Water Monterey Well Field		Senior Project Manager	Senior Engineer	Associate Engineer	Schaaf & Wheeler Subtotal
Fee Proposal December 2016 Schaaf & Wheeler					
SWPPP Services		\$220	\$205	\$185	
	Hourly Rate				
Task 1	Review Project Data and Site Plans	2	2	6	\$ 1,960
Task 2	Site Visit	-	-	2	\$ 370
Task 3	SWPPP Development	2	4	36	\$ 7,920
Task 4	SMARTS Database Management	-	-	20	\$ 3,700
	ROUNDED TOTAL	4	6	64	\$ 14,000