



Denise Duffy & Associates, Inc.

PLANNING AND ENVIRONMENTAL CONSULTING

Environmental Services

Monterey Peninsula Water Management District Aquifer Storage and Recovery CEQA Addendum

June 5, 2018

Background/Project Understanding

The Monterey Peninsula Water Management District (MPWMD or District) has requested that Denise Duffy & Associates (DD&A) prepare a CEQA addendum for the revision to a component of the District's Aquifer Storage and Recovery Project (ASR Project).

The proposed ASR Project involves the expansion of the existing Santa Margarita backflush pit, to accommodate the increased backflush water from California-American Water's (Cal-Am) desalination project. The Santa Margarita backflush pit is being expanded in lieu of constructing a separate 240,000-gallon backflush percolation pit at Seaside Middle School and Fitch Park sites¹. To accommodate the increased backflush water on a schedule that is operationally feasible, the Santa Margarita backflush pit would be expanded to increase backflush capacity to approximately 750,000-gallon capacity. New and revised facilities are identified below based upon details from the District and the basis of design information:

- Backflush basin expansion as noted above;
- Second driveway on General Jim Moore Boulevard;
- New front wall and two new sound walls;
- Treatment manifold may be located outdoors beside the chemical/electrical building (2006 EIR stated all equipment would be located indoors).

The above specifics are known at this time. The Addendum may evaluate additional facilities not yet identified with a basis of design, which may include:

- Updated chemical facility capacities and operating conditions
- An additional building and/or retaining walls
- Chemical delivery facilities
- Other site finishes

¹ Aquifer Storage and Recovery Project Draft Environmental Impact Report/Environmental Assessment (EIR/EA) dated March 2006 identifies a 240,000-gallon backflush percolation pit, located in the southwest corner of the Santa Margarita site. The Addendum to the MPWMD Aquifer Storage and Recovery Project Phase 1 EIR/EA, April 2012, identified a backflush facility at Seaside Middle School: The backflush pit was never built at the Middle School site. Backflush water is conveyed from the Middle School site to the existing Santa Margarita backflush pit. The proposed project would allow the backflush pit that was proposed at the Middle School to be built at the Santa Margarita site via an expansion of the existing backflush pit. The existing Santa Margarita backflush pit needs to be substantially expanded to accommodate the additional backflush water from the Middle School and Cal-Am's Fitch Park wells.

Previous environmental documentation

Pursuant to the California Environmental Quality Act, Public Resources Code Sections 21000 *et seq.* (“CEQA”) and the State CEQA Guidelines, Title 14, California Code of Regulations, Sections 15000 *et seq.* (“CEQA Guidelines”), the District has considered the following documents:

- Final Environmental Impact Report (FEIR), certified by the District in August 2006 for the Seaside Groundwater Basin (“SGB”) Aquifer Storage and Recovery (“ASR”) Project (or “ASR Project”);
- Addendum 1 to the FEIR for the ASR Project (collectively referred to herein as the “ASR EIR/EA and Addendum 1”), as amended by the District in April 2012 to address full implementation of Phase 2 ASR;
- Hilby Avenue Pump Station Addendum to the ASR EIR/EA and the Pure Water Monterey/Groundwater Replenishment Project (“PWM Project” or “PWM/GWR”) EIR, June 2016, (“the Pump Station Addendum”).
- Additional documentation for background information includes the Final EIR for the PWM/GWR EIR certified October 2015 and the Final Monterey Peninsula Water Supply Project EIR/EIS, April 2018.

Based on a review of the preliminary plans, an addendum would be appropriate because the proposed project is not expected to create new significant environmental impacts or substantially increase the severity of previously identified significant impacts per CEQA Guidelines sections 15162 and 15164. The following presents DD&A’s proposed scope of work for preparation of the Addendum.

Scope of Services

The following provides a scope of services and budget based on the preliminary project information provided by the District (May 2018) and information from conversations with the District.

Task 1. Project Initiation/Site Visit/Initial Checklist

DD&A will initiate the Addendum process by completing the following tasks necessary for ultimate preparation of a thorough and defensible addendum:

- DD&A will communicate with District staff to confirm project details and schedule needs, and to gather and review available information;
- DD&A staff will conduct one site visit and photograph existing conditions;
- DD&A will conduct an assessment of the existing relevant background reports. DD&A will collect data required to supplement the existing analysis consistent with CEQA;
- DD&A will review and edit the MPWMD provided project description for the Addendum; and

- DD&A will conduct initial evaluation by reviewing applicable CEQA regulations, existing CEQA documentation prepared for the project, and prepare an Initial Study checklist.

The Addendum will concisely describe and graphically depict the relevant site-specific features of the project.

Task 2. Prepare Administrative Draft Addendum

An Administrative Draft Addendum will be prepared in compliance with Section 15164 of the CEQA Guidelines to clearly and concisely describe the changes due to the proposed project. The Addendum will include a description of the changes to the project and itemize revisions to the projects compared to how they are described in the base environmental documentation. The administrative draft will be submitted in electronic form (in MS Word and PDF via email) to the District for review and comment. The Addendum will clearly and concisely describe the reasons for the Addendum determination. The following sections and analysis in the addendum will document the preliminary determination per CEQA Guidelines sections 15162 and 15164².

Sections of the Addendum may include the following:

- Introduction
 - Addendum Overview
 - Background on the Project
 - Addendum Requirements
 - Review of existing CEQA documentation
- Description of the Project
 - Location
 - Description of construction and operational characteristics
 - Comparison of Project to Facilities Evaluated in the existing CEQA documentation
- Impacts and Mitigation of the Project* (See Topical Analysis below)
- Comparison to the Conditions Listed in CEQA Guidelines Related to Addendum Preparation
 - Changes to the Project Considered Not Substantial
 - No New Information Leading to Environmental Effects
 - No Change in Project Circumstances
- Conclusions
- References/Acronyms/Appendices

*Topical Analysis: The addendum will include the following brief analyses, at a minimum:

Air Quality/Greenhouse Gasses. The Addendum will evaluate any potential changes to the previous impact analysis for air quality and greenhouse gasses based on the proposed increase in construction area. The environmental documentation previously prepared for the project concluded that project and cumulative air quality impacts are considered to be less-than-significant.

² Note: As noted above, a preliminary determination has been made that use of an addendum would be appropriate under CEQA and the proposed project would not create new significant environmental impacts or substantially increase the severity of previously identified significant impacts.

Biological Resources. The Addendum will evaluate whether the proposed revised construction area would result in any additional biological impacts. DD&A will review the existing biological reports for the Santa Margarita backflush pit and provide updated technical documentation related to biological resources as needed for the site. Based upon a preliminary review of relevant project documentation, no new significant impacts or a worsening of severity of significant impact is anticipated.

Cultural Resources. The Addendum will also evaluate potential impacts to cultural resources. More specifically, the Addendum will describe how the impacts on cultural resources will not be increased in severity when compared to the impacts identified in the previous environmental documentation.

Noise. The Addendum will describe the noise impacts on sensitive receptors when compared to the impacts identified in the previous environmental documentation and review applicable mitigation. Based upon a preliminary review of relevant project documentation, no new significant impacts or a worsening of severity of significant impact is anticipated.

Land Use and Planning. The Addendum will describe the existing land uses and project area compared to the base environmental documentation and address potential land use effects.

Traffic. The Addendum will evaluate any potential changes to construction traffic based on the proposed revised construction area. The environmental documentation previously prepared for the project concluded that project and cumulative traffic impacts are considered to be less-than-significant. It is assumed that only minor traffic modifications would be needed for the proposed project.

Topic by Topic Discussion. Other topics, including geotechnical, geology, hazards/hazardous materials, hydrology and water quality, population/housing, public services and recreation, and utilities and service systems will be briefly addressed to describe how the revised project will not create any new impacts and will not increase the severity of those impacts previously identified. No assessment of agricultural resources is needed.

Task 3. Prepare Draft Addendum

Based upon review comments from District staff, DD&A will prepare a Draft Addendum for the MPWMD Board packet. This scope of work assumes DD&A will receive two sets of comments from MPWMD. The Addendum will be prepared pursuant to the California CEQA Guidelines Section 15164, to describe the modifications to the Project and to evaluate whether the modifications present any new significant impacts not identified in the previously certified documentation or any increase in severity in any previously identified significant impacts.

Task 4. Prepare Final Addendum

Based upon comments on the Draft Addendum, DD&A will revise a Final Addendum to accompany the staff report.

Task 5. Prepare Draft and Final Resolution, CEQA Findings, and Mitigation Monitoring and Reporting Program

In preparation for the MPWMD Board action on the Addendum and project approval, DD&A will prepare a draft Board Resolution, including CEQA-required findings related to the conclusions of the addendum. Changes will be recommended based upon project description changes. Revisions to mitigation will be recommended, if necessary. Based upon comments on the draft MMRP and resolution, DD&A will revise a final resolution to accompany the staff report.

Task 6. Prepare Notices

After project approval, DD&A will prepare a draft and final notices, as needed, related to the project approval. DD&A will file notices with proper documentation of previous fee payment to the Monterey County Clerk, Office of Planning and Research (OPR), or others, if requested.³

Task 7. Meetings and Conference Calls

This task includes attendance/involvement in meetings and conference calls with the involved agencies and MPWMD. The budget assumes attendance by the Project Manager at up to one public hearing. In addition, DD&A's Project Manager will coordinate meeting and conference call scheduling and prepare and distribute meeting agendas and summaries of key discussion points, if requested.

Task 8. Project Management

This task consists of project management and communication responsibilities, including correspondence, schedule/budget tracking, project oversight, and document production. This task also includes coordination with MPWMD and others during preparation of the Addendum.

Schedule

Assuming this no changes to the proposed project described above, work performed under this scope of services will be completed within thirty (30) days of authorization by the District.

³ Filing a Notice of Determination is optional; thus DD&A would do this task only after confirmation by the MPWMD.

Budget

DENISE DUFFY & ASSOCIATES, INC.
Budget Estimate for the
CEQA Addendum for the ASR Backflush Project

Task #	Task Description	Denise Duffy Principal	Diana Staines, Assistant Project Manager	Associate Planner/Scientist	Graphics/GIS	Administrative	Total
	Rate	\$223	\$116	\$105	\$100	\$61	
1	Project Initiation/Site Visit	1	4	4		2	\$1,229
2	Prepare Administrative Draft Addendum	2	26	20	4	3	\$6,145
3	Prepare Draft Addendum	1	20	12	2	2	\$4,125
4	Prepare Final Addendum	1	4	4	3	1	\$1,468
5	Prepare Draft and Final Resolution/CEQA Findings/MMRP	2	12	2	0	1	\$2,109
6	Prepare Notices	0	1	3	0	2	\$553
7	Meetings and Conference Calls	2	4	2	0	0	\$1,120
8	Project Management	2	3	0	0	2	\$916
	<i>Total DD&A hours by person</i>	11	74	47	9	13	
	<i>Expenses*</i>						\$200
	TOTAL	\$ 2,453	\$8,584	\$4,935	\$900	\$793	\$17,865
Total Budget							\$17,865

*Please note that all deliverables will be provided electronically.

NOTES:

- 1. Approach.** This budget estimate is based on the current understanding of approach per consultation with District.
- 2. Responding to agency comments.** This budget estimate assumes an average number and length of comments from the reviewers with no new technical analysis. DD&A reserves the right to review the comments and adjust the estimated budget to accommodate responding to excessive comments. Specifically, responding to more than an average number of comments revising or conducting new analysis and/or excessively complex comments may require an amendment to the contract.
- 3. Direct Costs.** Estimate does not include any filing fee for Notice of Determination or photocopying costs. Unless otherwise noted or requested, DD&A assumes that all deliverables would be submitted electronically (in PDF format, or if needed, Microsoft Word) only.
- 4. New technical studies.** This task assumes assessment of the following issue areas based upon available information and assumes no new technical studies are needed: aesthetics/visual resources (visual simulations), air quality, biological resources, coastal act consistency, cultural resources, energy, geotechnical and geologic hazards, hazardous materials, hydrology and water quality, noise, traffic and transportation, and utilities/water supply.