Monterey One Water
Providing Cooperative Water Solutions

MEMORANDUM

Date: February 27, 2018

To: Susan Stewart and Jody Hack - State Water Resources Control Board, Division of Financial Assistance

From: Alison Imamura, AICP

Subject: CEQA-Plus Compliance Memorandum for the Salinas Treatment Facility Storage and Recovery (Phase 1B) Project

Attachments : 1. Conceptual Site Plans (2015 EIR), 2. Conceptual Site Plan (2018), 3. Area of Potential Effect map changes, and 4. Aerial Photo of Site

Project Understanding

Monterey One Water (M1W) is undertaking the Salinas Dry Weather Diversion and Storage and Recovery Projects of the Proposition 1 storm water grant and Pure Water Monterey Groundwater Replenishment Project (PWM) to create a reliable source of water supply to replace existing water supply sources for northern Monterey County. The objectives of PWM are to replenish the Seaside Basin with 3,500 AFY of purified recycled water to replace a portion of California American Water Company's (CalAm) water supply as and to provide recycled water for agricultural irrigation in northern Salinas Valley by augmenting inflows to an existing water recycling facility at MRWPCA's Regional Wastewater Treatment Plant (RTP). The GWR Project would provide additional source waters to provide additional recycled water for use in the Castroville Seawater Intrusion Project's agricultural irrigation system.

As part of this effort, M1W will augment and repurpose an existing industrial wastewater treatment facility (IWTF) to capture and store storm water and urban dry weather runoff flows through the winter for later diversion to M1W's Regional Treatment Plant (RTP) to supply PWM Advanced Water Purification Facility (AWPF). The Salinas Treatment Facility Storage and Recovery (Phase 1B) Project is a component to the overall Pure Water Monterey Groundwater Replenishment Project. Phase 1B includes the complete design and construction of a new return pipeline connection to the existing 36" Salinas Force Main Interceptor Pipeline and a pump station from Salinas Treatment Facility Pond 3 to the wash water/storm water storage ponds to convey storm water stored at the ponds to the Monterey One Water (M1W) Regional WWTP. Phase 1B is vital to maximize the yield of Salinas storm water and other source waters for beneficial reuse. This project is currently at a 50% engineering design stage and a minor, non-substantive revision to proposed facilities has been made to the design in the design that will be carried forward to final design in the coming months.

PWM Project – Salinas Treatment Facility Storage and Recovery Project Change

This change to the Salinas Treatment Facility Storage and Recovery (Phase 1B) Project will result a dramatic reduction in construction areas of disturbance, construction activities, and operational impacts

compared to the facilities described in the Final Environmental Impact Report (EIR) for the Pure Water Monterey Groundwater Replenishment Project (PWM/GWR), certified October 2015.

Specifically, the conceptual site plan from the EIR (Attachment 1 – see Keynote 3) and the updated recent conceptual plan are in Attachment 2 – see Keynote 3 red line) show clearly the reduction in pipeline required by this change. This component of the project includes a shorter pipeline and associated trench compared to the EIR-version of this component (new design is approximately 2,000 linear feet of trenching for a new 24-inch pipeline compared to approximately 6,000 LF of trenching for the EIR-evaluated Pond 3 pump station return pipeline). The new pipeline will be construction to the northwesterly boundary of the Salinas Industrial Wastewater Treatment Facility along an existing unvegetated access road, then approximately 50 feet farther to connect to the existing 36-inch Salinas Interceptor force main that passes within 50 feet of the northwest corner of the site. This constitutes a substantive reduction in construction impacts relative to grading (ground disturbance) and equipment use (construction trucks and vehicles). Elimination of trenching and installation of over 4,000 linear feet less of pipeline is a substantive reduction in construction impacts overall (see pages . In addition, no increase in electricity demand and associated air pollution, greenhouse gas emissions and noise impacts that will occur at this site compared to this project component in the PWM EIR. Namely, the project changes will not substantially increase the identified electricity demand of 224 mW-hrs per year or change pumping operation such that a new significant impact would occur; nor will a worsening in severity of previously identified impacts occur. There are no other changes to the impact analyses in the certified PWM EIR in our review of Appendix G to CEQA Guidelines, Environmental Checklist.

Regarding the Federal Compliance, the changes to the area of potential effect and the project impact area for Federal Endangered Species Act, the changes are non-substantive changes to areas of disturbance and excavation, namely a shorter length of pipeline feet of length of less than 15 feet by 10 feet deep trenching and an excavation pit measuring no more than 900 square feet and 20 feet deep to connect to the M1W 36-inch forcemain. See Attachments 3a and 3b for APE maps changes. The site does not contain suitable habitat for any special status species as shown in the photos in Attachment 4.

Review for CEQA Needs

M1W has reviewed the following information to determine whether the project change triggers the need to prepare a subsequent EIR. Conclusions follow this citation reference.

CEQA Guidelines, § 15162. Subsequent EIRs and Negative Declarations

a) When an EIR has been certified or a Negative Declaration adopted, no subsequent EIR shall be prepared for that project unless the lead agency determines, on the basis of substantial evidence in light if the whole record, one or more of the following:
    1. Substantial changes are proposed in the project which will require major revisions of the EIR or Negative Declaration due to the involvement of new significant environmental effects or a substantial increase in severity of previously identified significant effects;
    2. Substantial changes occur with respect to the circumstances under which the project is being undertaken which will require major revisions of the EIR or Negative Declaration due to involvement of new significant environmental effects or a substantial increase in severity of previously identified significant effects; or

3. New information of substantial importance which was not known could not have been known with the exercise of reasonable diligence at the time the previous EIR was certified or the Negative Declaration was adopted, shows the following:
    A. The project will have one or more significant effects not discussed in the previous EIR or Negative Declaration.
    B. Significant effects previously examined will be substantially more severe than previously shown in the previous EIR.
    C. Mitigation measures or alternatives previously found not to be feasible would in fact be feasible, and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measure or alternative; or
    D. Mitigation measures or alternatives which are considerably different from those analyzed in the previous EIR would substantially reduce one or more significant effects on the environment, but the project proponent decline to adopt the mitigation measure or alternative.

b) If changes to a project or its circumstances occur or new information becomes available after adoption of a negative declaration, the lead agency shall prepare a subsequent EIR if required under subsection (a). Otherwise the lead agency shall determine whether to prepare a subsequent negative declaration, an addendum, or no further documentation.

c) If a project was approved prior to the occurrence of the conditions described in the subsection (a), the subsequent EIR or Negative Declaration shall be prepared by the Public Agency which grants the next discretionary approval for the project. In this situation no other Responsible Agency shall grant an approval for the project until the subsequent EIR has been certified or subsequent Negative Declaration adopted.

d) A subsequent EIR or subsequent Negative Declaration shall be given the same notice and public review as required under Section 15087 or Section 15072. A subsequent EIR or Negative Declaration shall state where the previous document is available and can be reviewed.

Changes to Salinas Treatment Facility Storage and Recovery (Phase 1B) Project Pond 3 Pump Station Do Not Trigger New Subsequent EIR or Other Review

Based on M1W's review of the CEQA Guidelines and project information, the proposed changes to the Salinas Treatment Facility Storage and Recovery Project (Phase 1B) do not meet any of the criteria listed in Guidelines Section §15162 (Subsequent EIRs and Negative Declarations), as the project changes are not substantial and major changes to the previously approved environmental documents would not be required. Project component construction and operational effects are smaller, less severe and are located on less land No new significant impacts would result, no new areas with sensitive or protected resources are present, no increase in severity of impacts would occur, and no new mitigation measures nor new alternatives are being proposed that would reduce environmental impacts that the agency refuses to implement. In addition, the circumstances under which the previous documents were approved have not significantly been altered and no new information of substantial importance has been established. Based on the information contained in this memorandum, no subsequent or supplemental EIR is required.

KEY NOTES:

1. NEW POND 3 PUMP STATION INLET BOX
2. NEW POND 3 PUMP STATION WET WELL
3. NEW 18" FORCE MAIN
4. NEW DIVERSION STRUCTURE NO. 3
5. EXISTING PRESSURE M.H. ON 30" LINE
6. NEW 30" GRAVITY MAIN
7. RETURN PUMP STATION WET WELL
8. RETURN PUMP STATION VALVE VAULT
9. NEW FLOW METER VAULT
10. NEW 18" FORCE MAIN INSIDE EXIST. 33" IWW PIPELINE TO SALINAS P.S.
11. EXIST. 42" IWW PIPELINE
12. EXIST. IWW PUMP STATION
13. EXIST. 24" IWW INLET PIPELINE
14. EXIST. 18" IWW OUTLET PIPELINE
15. EXIST. 30" IWW DISTRIBUTION PIPELINE
16. EXIST. INLET TO POND
17. EXIST. RISER MANHOLE
18. EXIST. 24" IWW DISTRIBUTION PIPELINE
19. EXIST. POND INLET STRUCTURE
20. EXIST. POND 3 PUMP STATION
21. EXIST. IRRIGATION BEDS DISTRIBUTION STRUCTURE
22. EXIST. DISTRIBUTION PIPELINES TO IRRIGATION BEDS

LEGEND

- EXISTING MANHOLES
- EXISTING STORM DRAIN
- EXISTING SANITARY SEWER
- EXISTING IWW PIPELINE
- NEW PIPING
- NEW STRUCTURE

0 300’ 600’

SCALE: 1”=600’

Source: E2 Consulting Engineers, Inc. 2014

Industrial Wastewater Treatment Plant Conceptual Site Plan

April 2015

Pure Water Monterey GWR Project
Draft EIR

Figure
2-22

KEY NOTES:

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22. EXIST. DISTRIBUTION PIPELINES TO IRRIGATION BEDS

LEGEND

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- EXISTING STORM DRAIN
- EXISTING SANITARY SEWER
- EXISTING IWW PIPELINE
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April 2015

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Draft EIR

Figure
2-22

KEY NOTES:

1. NEW POND 3 PUMP STATION INLET BOX
2. NEW POND 3 PUMP STATION WET WELL AND VALVE VAULT
3. NEW 24" FORCE MAIN TO EXIST. 36" SALINAS FORCE MAIN
4. NEW ELECTRICAL BUILDING
5. EXISTING PRESSURE M.H. ON 30" LINE
6. NEW 33" IWW PIPELINE EXTENSION TO POND NO. 1
7. EXISTING 36" SALINAS FORCE MAIN
8. EXIST. PRESSURE M.H. ON 36" SALINAS FORCE MAIN
9. NEW FLOW METER VAULT
10. EXIST. 33" IWW PIPELINE TO IWTP
11. EXIST. 42" IWW PIPELINE
12. EXIST. IWW PUMP STATION
13. EXIST. 24" IWW INLET PIPELINE
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21. EXIST. IRRIGATION BEDS DISTRIBUTION STRUCTURE
22. EXIST. DISTRIBUTION PIPELINES TO IRRIGATION BEDS
23. NEW VALVE VAULT

LEGEND

- EXISTING MANHOLES
- EXISTING STORM DRAIN
- EXISTING SANITARY SEWER
- EXISTING IWW PIPELINE
- NEW PIPING
- NEW STRUCTURE

0 300' 600'

SCALE: 1"=600'

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MRWPCA

SALINAS STORMWATER STORAGE AND CONVEYANCE PROJECT - PHASE 1B

CONCEPTUAL SITE PLAN AT IWTP

FIG. 1-3

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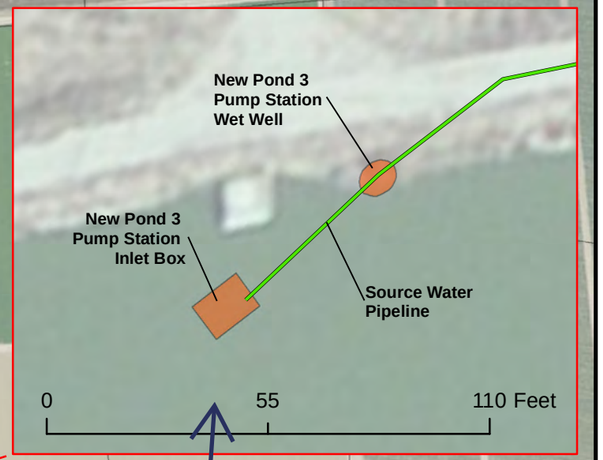
M-11



Monterey County

No longer proposed within Salinas Storage and Recovery Phase 1B project.

Salinas Treatment Facility
Storage and Recovery

N

AREA OF POTENTIAL EFFECT MAP BOOKLET

PURE WATER MONTEREY
GROUNDWATER REPLENISHMENT PROJECT

VERSION DATE: OCTOBER 22, 2015 vs Feb 28, 2018

- Assessor Parcel Lines
- Proposed Source Water Pipeline
- Proposed Product Water Pipeline
- Proposed Electrical Line
- Existing Wastewater Pipelines
- Footprint of Permanent Aboveground Facilities
- GWR Source Water Diversion Sites
- GWR Treatment Facilities
- GWR Product Water Conveyance
- New Pond 3 Pump Station/ Pipeline APE area (Feb 28, 2018)

0 0.05 0.1 mi

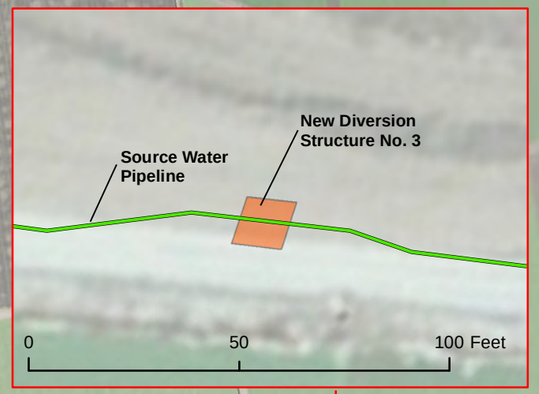
0 0.075 0.15 km

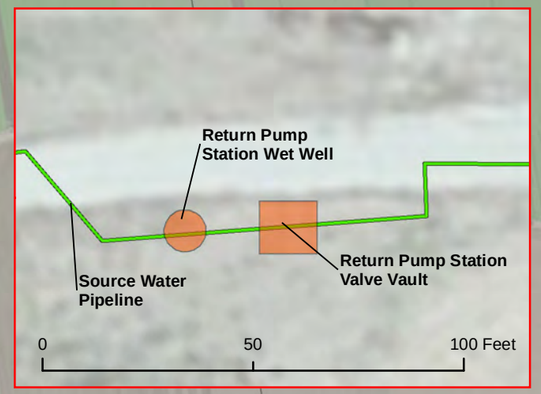
DD&A

Pure Water Monterey
A Groundwater Replenishment Project

Note: This line represents an existing 33-inch pipeline that is proposed to be slip-lined to operate as a force main for returning water from the SIWTF ponds to the SAPS for conveyance of stored wastewater and stormwater to the RTP.

M-12





33 inch Pipeline
SEE NOTE

No longer proposed within SW project.

Salinas Treatment Facility
Storage and Recovery

Monterey County

N

AREA OF POTENTIAL EFFECT MAP BOOKLET

PURE WATER MONTEREY GROUNDWATER REPLENISHMENT PROJECT

VERSION DATE: OCTOBER 22, 2015

- Assessor Parcel Lines
- Existing Wastewater Pipelines
- Proposed Electrical Line
- Proposed Product Water Pipeline
- Proposed Source Water Pipeline
- Footprint of Permanent Aboveground Facilities
- GWR Source Water Diversion Sites
- GWR Treatment Facilities
- GWR Product Water Conveyance
- GWR Injection Wells and Backflush Facilities

0 0.05 0.1 mi

0 0.075 0.15 km

DD&A

Pure Water Monterey
A Groundwater Replenishment Project

Attachment 4

New Site Areas for Salinas Treatment Facility Storage and Recovery Project - Phase 1B

Aerial date: 10/2016