RESOLUTION NO. 2021-05

A RESOLUTION OF THE BOARD OF DIRECTORS OF MONTEREY ONE WATER (1) CERTIFYING THE 2021 FINAL SUPPLEMENTAL EIR FOR THE PROPOSED MODIFICATIONS TO THEPURE WATER MONTEREY GROUNDWATER REPLENISHMENT PROJECT, (2) ADOPTING CALIFORNIA ENVIRONMENTAL QUALITY ACT FINDINGS, (3) APPROVING MITIGATION MEASURES AND A MITIGATION MONITORING AND REPORTING PROGRAM, AND (4) ADOPTING A STATEMENT OF OVERRIDING CONSIDERATIONS

WHEREAS, on October 8, 2015, the Board of Directors of Monterey One Water ("M1W"), as lead agency under the California Environmental Quality Act ("CEQA"), approved the Pure Water Monterey Groundwater Replenishment Project ("PWM/GWR Project") per Resolution 2015-24 and certified the Environmental Impact Report ("PWM/GWR Project EIR") (State Clearinghouse No. 2013051094); and

WHEREAS, on June 20, 2016 and March 6, 2017, respectively, the Monterey Peninsula Water Management District ("MPWMD") approved Addenda Nos. 1 and 2 to the PWM/GWR Project EIR, and approved project modifications within that agency's jurisdiction (acting as responsible agency); and

WHEREAS, on October 30, 2017, M1W approved Addendum No. 3 to the PWM/GWR Project EIR and approved project modifications and expanded capacity of the Advanced Water Purification Facility and shared use of the Product Water Conveyance Facilities; and

WHEREAS, the PWM/GWR Project is a water supply project that will serve northern Monterey County. The project provides: (1) purified recycled water for recharge of a groundwater basin that serves as drinking water supply; (2) purified recycled water for urban landscape irrigation within Marina Coast Water District service area; and (3) recycled water to augment the existing Castroville Seawater Intrusion Project's agricultural irrigation supply. The PWM/GWR Project also includes a drought reserve component to support use of the new supply for crop irrigation during dry years; and

WHEREAS, the M1W Board now wishes to consider proposed modifications to the PWM/GWR Project ("Proposed Modifications"). In partnership and with funding from the Monterey Peninsula Water Management District ("MPWMD") and California American Water Company ("CalAm"), M1W has completed the Final Supplemental EIR for the Proposed Modifications to the PWM/GWR Project ("2021 Final SEIR") which includes a Draft Supplemental Environmental Impact Report document dated November 7, 2019 ("Draft SEIR"), a Final SEIR document dated April 17, 2020 ("2020 Final SEIR"), and an Environmental Memorandum dated April 12, 2021 related to changes to the SEIR since the 2020 Final SEIR was prepared.The 2021 Final SEIR analyzes and discloses the changes to the PWM/GWR Project EIR's analysis and conclusions associated with the construction, operation, and maintenance of M1W's Proposed Modifications to expand the water supply yield of the approved PWM/GWR Project. The Proposed Modifications would result in an "Expanded PWM/GWR Project" as further

described below. These modifications are proposed as a backup to the California American Water ("CalAm") Monterey Peninsula Water Supply Project ("MPWSP"). The 2021 Final SEIR is a supplement to the PWM/GWR Project Final EIR, certified by M1W on October 8, 2015, with Addenda approved on June 20, 2016 and March 6, 2017 by MPWMD and by M1W on October 30, 2017 to address prior project changes; and

WHEREAS, the Proposed Modifications would result in an Expanded PWM/GWR Project that would provide an additional 2,250 AFY of purified recycled water for injection into the Seaside Groundwater Basin and subsequent extraction to replace the same quantity of CalAm's existing potable water supplies and to provide for growth. In order to provide an additional 2,250 AFY of treated water, the Proposed Modifications would require new and expanded facilities, including improvements at the existing Advanced Water Purification Facilityto increase peak capacity; additional product water conveyance facilities; additional injection well facilities; additional monitoring wells, including the relocation of a previously approved monitoring well; and new potable water extraction and delivery facilities consisting of four new extraction wells, conveyance pipelines, and treatment facilities; and

WHEREAS, the Expanded PWM/GWR Project would recycle and reuse water from the same sources as the approved PWM/GWR Project. The Proposed Modifications would not change the maximum amount of source waters to be conveyed to the Regional Treatment Plant as described and evaluated in the PWM/GWR Project Final EIR. As under the approved PWM/GWR Project, the source water flows would be treated using the existing Regional Treatment Plant processes and would then be further treated and recycled by the Salinas Valley Reclamation Plant for agricultural irrigation or by the Advanced Water Purification Facility for urban irrigation or for groundwater replenishment in the Seaside Basin; and

WHEREAS, throughout the remainder of these findings, the term "PWM/GWR Project" refers to the original project as approved in 2015 and modified in 2016 and 2017, and the term "Proposed Modifications" refers to the project modifications analyzed in the 2021 Final SEIR and now under consideration by the Board; and

WHEREAS, this resolution contains M1W's certification of the 2021 Final SEIR, its CEQA findings, its adopted mitigation measures and mitigation monitoring and reporting program, and its statement of overriding considerations supporting approval of the Proposed Modifications. The State Clearinghouse number for the PWM/GWR Project, including for the Proposed Modifications, is SCH#2013051094; and

WHEREAS, a Draft Supplemental Environmental Impact Report for the Proposed Modifications to the Pure Water Monterey Groundwater Replenishment Project ("Draft SEIR") was released for public and agency review on November 7, 2019. The Draft SEIR assesses the changes to environmental effects of implementation of the Proposed Modifications compared to the environmental effects of the approved PWM/GWR Project, identifies means to eliminate or reduce significant adverse impacts of the Proposed Modifications, and evaluates a reasonable range of alternatives to the Proposed Modifications; and

WHEREAS, the 2021 Final SEIR is comprised of the Draft SEIR together with two additionalvolumes. One volume is the 2020 Final SEIR that includes the comments on the Draft SEIR submitted by interested public agencies, organizations, and members of the public during the public review period between November 7, 2019 to January 31, 2020 ; written responses to the environmental issues raised in those comments; revisions to the text of the Draft SEIR reflecting

changes made in response to comments and other information; other minor changes to the text of the Draft SEIR; and additional appendices prepared in response to comments on the Draft SEIR. The second volume is an Environmental Memorandum which evaluates the changes to the Proposed Modifications since completion of the April 2020 Final SEIR and exhibits to that memorandum.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of Monterey One Water as follows:

I. CERTIFICATION OF THE 2021 FINAL SEIR

The M1W Board (the "Board") certifies that it has been presented with the 2021 Final SEIR, and that it has reviewed and considered the information contained in the 2021 Final SEIR prior to making the following findings and statement of overriding considerations in Section II, below.

Pursuant to CEQA Guidelines section 15090 (Title 14 of the California Code of Regulations, section 15090) the Board certifies that the 2021 Final SEIR has been completed in compliance with CEQA and the CEQA Guidelines. The Board certifies the Final SEIR for the Proposed Modifications as described above.

The Board further certifies that the 2021 Final SEIR reflects its independent judgment and analysis.

II. FINDINGS

Having received, reviewed, and considered the 2021 Final SEIR and other information in the record of proceedings, the Board hereby adopts the following findings in compliance with CEQA and the CEQA Guidelines:

Part A: Findings regarding the environmental review process and the contents of the 2021 Final SEIR.

Part B: Findings regarding the significant environmental impacts of the Proposed Modifications and the mitigation measures for those impacts identified in the 2021 Final SEIR and adopted as conditions of approval, as well as the reasons that some potential mitigation measures are rejected. A summary of impacts and mitigation measures is provided in Exhibit A.

Part C: Findings regarding alternatives and the reasons that alternatives are rejected.

Part D: Statement of Overriding Considerations determining that the benefits of implementing the Proposed Modifications outweigh the significant unavoidable environmental impacts that will result and therefore justify approval of the Proposed Modifications despite such impacts.

The Board certifies that these findings are based on full appraisal of all viewpoints, including all comments received up to the date of adoption of these findings, concerning the environmental issues identified and discussed in the 2021 Final SEIR. The Board adopts the findings and the statement in Parts A through D.

In addition to the findings regarding environmental impacts, alternatives and overriding considerations, Part E, below, identifies the custodian and location of the record of proceedings,as required by CEQA.

Part F, below, describes the Mitigation Monitoring and Reporting Program for the Proposed Modifications. As described in Part F, the Board hereby adopts the Mitigation Monitoring andReporting Program as set forth in Exhibit B to these findings.

Part G, below, summarizes the findings and determinations regarding the Project.

A. Environmental Review Process

1. Prior Environmental Review

This section summarizes the prior environmental review of the PWM/GWR Project. On May 30, 2013, M1W distributed a Notice of Preparation (NOP) to commence the environmental review process. A second NOP was released on December 9, 2014. M1W subsequently prepared a Draft EIR, which was distributed for public review on April 22, 2015 for a 45-day public review period. As required pursuant to CEQA Guidelines Sec. 15088, M1W prepared responses to comments received during the public review period and prepared a Final EIR. The M1W Board of Directors approved the PWM/GWR Project (as modified) and certified the Final EIR (PWM/GWR Project Final EIR) (State Clearinghouse No. 2013051094) on October 8, 2015.

After the approval of the PWM/GWR Project, minor changes to components of the PWM/GWR Project were subject to discretionary action by responsible agencies. These actions included approval of a water distribution system permit by the MPWMD, including addition of the Hilby Pump Station and minor re-alignments to the Monterey Pipeline. The effects of these minor modifications were evaluated in Addendum No. 1 and Addendum No. 2 tothe PWM/GWR Project Final EIR. The analyses determined that the modifications would not result in any additional environmental effects beyond those previously identified in the PWM/GWR Final EIR. These actions did not require discretionary approval by M1W; thus, the Addenda Nos. 1 and 2 were prepared for consideration and approval by MPWMD's Board of Directors (acting as responsible agency) on June 20, 2016 and March 6, 2017, respectively.

M1W prepared Addendum No. 3 to the PWM/GWR Project Final EIR in October 2017. The Addendum evaluated changes to the approved PWM/GWR Project to increase the operational capacity of the approved Advanced Water Purification Facility to allow delivery of600 AFY of purified recycled water to MCWD. In addition, Addendum No. 3 also considered the effects of the shared use of facilities with MCWD. That analysis determined that the modifications would not result in any additional environmental effects beyond those previously identified in the PWM/GWR Final EIR. M1W approved the modifications to the PWM/GWR Project and adopted Addendum No. 3 on October 30, 2017.

2. Notice of Preparation and Scoping Meeting

In accordance with CEQA Guidelines Sec. 15063 and 15082, M1W, as Lead Agency, prepared a Notice of Preparation ("NOP") for the SEIR to evaluate the Proposed Modifications that are the subject of these findings. The NOP was published and distributed to local, State, and Federal agencies and other interested parties on May 15, 2019 for a 30-day review period which ended on June 14, 2019.

M1W conducted a public scoping meeting on Wednesday June 5, 2019 at 5:30 PM at the Oldemeyer Center located at 986 Hilby Avenue, Seaside, CA 93955 to present the Proposed Modifications to the public and agencies and to solicit input as to the scope and content of the SEIR. Public notices were published in local newspapers informing the general public of

availability of the NOP and of the scoping meetings. Appendix A to the Draft SEIR includes the NOP and the written comments received in response to the NOP.

3. Preparation of the SEIR

The Draft SEIR was completed and published on November 7, 2019 with a noticed public review and comment period ending on December 23, 2019. The Draft SEIR addressed comments received on the NOP and during the scoping meeting by inclusion of any relevant environmental analysis in the text of the Draft SEIR. Pursuant to CEQA Guidelines Sec. 15087(a), M1W mailed copies of the Notice of Availability ("NOA") to all parties who previously requested such notice in writing. M1W distributed these notices concurrently with publication of the Draft SEIR. M1W also noticed the availability of the Draft SEIR in a newspaper of general circulation in the area affected by the Proposed Modifications concurrently with publication of the Draft SEIR. M1W also posted notices on and off the site in the area where the Proposed Modifications are located. M1W posted the NOA of the Draft SEIR at the office of the Monterey County Clerk. M1W also submitted the Draft SEIR for review by State agencies through the State Clearinghouse.

M1W conducted a public meeting on December 12, 2019 at 5:30 PM at the Oldemeyer Center located at 986 Hilby Avenue, Seaside, CA 93955. In December 2019, M1W received several letters requesting that M1W extend the public review period for the Draft SEIR, including several requesting the review period be extended to end on January 31, 2020. Numerous other letters and phone calls requested that M1W maintain the public review period deadline of December 23, 2019. In response to these letters, M1W conducted a special Board meeting on December 19, 2019.

The Board was provided information on the various options related to the public review period timeframe and at the December 19, 2019 special meeting voted to extend the public review period to January 31, 2020. The decision complied with all applicable laws, regulations, and statutes, including CEQA and the CEQA Guidelines. M1W subsequently revised and republished the Notice of Availability with the new public review period end date, including publishing it as a new legal notice in the Monterey County Herald, posting it at the County Clerkand at the State Office of Planning and Research (State Clearinghouse), emailing it to the same distribution list as was used for the Draft SEIR, and posting hard copies at the M1W and MPWMD offices, at the project sites, and at local libraries.

During the comment period, M1W received written comments from state and local agencies, organizations, and individuals. A total of 52 comment letters or emails were received on the Draft SEIR or on the Proposed Modifications during the public review period. In addition,oral comments were received at the December 12, 2019 public meeting and by phone on December 18 and 19 (related to the Board consideration of extending the public review period on December 19). Two additional letters from agencies were received after the close of the public review period and are also included in the 2021 Final SEIR.

The 2020 Final SEIR was completed and made available to public agencies and members of the public on April 13, 2020 ("2020 Final SEIR").

After completion of the 2020 Final SEIR, some minor changes to the Proposed Modifications became necessary. The changes to the Proposed Modifications are specific to the Injection Well Facilities. Namely, after completion of the 2020 Final SEIR, M1W proceeded with construction of two of the previously approved injection wells in the same geographic area as was

evaluated in the certified PWM/GWR Final EIR. By contrast, the Proposed Modifications described in the 2020 Final SEIR had included relocation of these two injection wells. Those relocations are no longer necessary. This change results in the need for constructing only one additional deep well at the Expanded Injection Well Area that was evaluated in the 2020 Final SEIR for a total of nine approved wells (the same number as was evaluated in the 2020 Final SEIR). The Expanded Injection Well Area also could serve as a location for potential future replacement wells if replacement of existing wells is needed, but no replacement wells are proposed for approval at this time.

The 2021 Final SEIR includes an environmental memorandum summarizing the changes to the project description and resulting changes to the environmental analysis and conclusions by topical area since the 2020 Final SEIR. ("Environmental Memorandum"). Exhibits are attached to support the information in the Environmental Memorandum including a list of changes to the project description, a complete revised project description, and a summary of environmental impacts and mitigation measures of the project with changes.

The 2021 Final SEIR contains all comments received during and immediately after the public comment period on the Draft SEIR, together with written responses to significant environmental issues raised in those comments, which were prepared in accordance with CEQA and the CEQAGuidelines and the Environmental Memorandum described above.

The Board finds and determines that the 2021 Final SEIR provides adequate, good faith, and reasoned responses to all comments raising significant environmental issues.

4. Absence of Significant New Information

CEQA Guidelines Section 15088.5 requires a lead agency to recirculate an EIR for further review and comment when significant new information is added to the EIR after public notice is given of the availability of the draft EIR but before certification of the final EIR. New information added to an EIR is not "significant" unless the EIR is changed in a way that deprivesthe public of a meaningful opportunity to comment upon a substantial adverse environmental effect of the project or a feasible way to mitigate or avoid such an effect that the project proponent declines to implement. The Guidelines provide definitions of significant new information under this standard. Recirculation is not required where the new information added to the EIR merely clarifies or amplifies or makes insignificant modifications in an adequate EIR.

The Board recognizes that the 2021 Final SEIR incorporates information obtained by M1W since the Draft SEIR was completed, and contains additions, clarifications, modifications, and other changes. With respect to this information, the Board finds as follows:

Changes to the Proposed Modifications – Injection Well Facilities. As described in the Environmental Memorandum included in the 2021 Final SEIR, minor changes to the proposed Injection Well Facilities were made after completion of the 2020 Final SEIR. The 2020 Final SEIR included relocation of two deep injection wells that had been previously approved at the Approved Injection Well Area. Under the Proposed Modifications, those two wells were proposed to be relocated to the Expanded Injection Well Area analyzed in the 2020 Final SEIR. Since completion of the 2020 Final SEIR, M1W has proceeded with construction of these two deep injection wells in their originally approved location; therefore, relocation of these two wells is no longer part of the Proposed Modifications. The Proposed Modifications continue to include one additional deep injection well in the Expanded Injection Well Area. The Environmental

Memorandum included in the 2021 Final SEIR demonstrates that the changes to the proposed Injection Well Facilities would not result in a new significant impact or substantially increase the severity of a significant impact identified by the 2020 Final SEIR. Therefore, in accordance with CEQA and the CEQA Guidelines, no recirculation of the SEIR is necessary based on the changes and additions to the Proposed Modifications in the 2021 Final SEIR.

***Other Changes to Project Description*.** M1W and MCWRA staff intend to continue to work together to better define various rights to use certain wastewater flows that enter M1W wastewater collection and treatment facilities. Section 4.01 of the Amended and Restated Water Recycling Agreement between the two agencies, as amended through June 2020 ("ARWRA"), designates water rights to wastewater flows originating from outside of M1W's 2001 service area as equally split between M1W and MCWRA. The M1W Regional Treatment Plant and surrounding land, including the Monterey Regional Waste Management District land, are located outside of M1W's 2001 boundaries as shown on maps published by the Local Area Formation Commission of Monterey County. A potential future amendment to the ARWRA could change section 4.01 regarding the allocation of some of the wastewater flows. The proposed amendment terms were discussed at the March 18, 2021 M1W Recycled Water Committee, at the March 29, 2021 M1W Board meeting, and at the April 7, 2021 MCWRA Basin Management Advisory Committee meeting. M1W staff has analyzed the potential future changes to source water allocation in section 4.01 however, these changes would not result in any new significant impact nor substantially increase the severity of a significant impact identified by the 2020 Final SEIR. Therefore, in accordance with CEQA and the CEQA Guidelines, no recirculation of the SEIR is necessary based on these changes and additions to the Proposed Modifications in the 2021 Final SEIR.

The 2020 Final SEIR included a MPWMD updated water supply and demand analysis, in Appendix O. (MPWMD, March 13, 2020). Revisions to the water supply and demand analysis were subsequently approved by the MPWMD on May 18, 2020 and again on February 25, 2021. A reference to the revisions is added to a footnote 13 in the project description revisions provided in the Environmental Memorandum; however, these changes would not result in any new significant impact nor substantially increase the severity of a significant impact identified by the 2020 Final SEIR. Therefore, in accordance with CEQA and the CEQA Guidelines, no recirculation of the SEIR is necessary based on these changes and additions to the Proposed Modifications in the 2021 Final SEIR.

Other Changes to the Final SEIR. Other minor changes and edits have been made to the text and tables of the Draft SEIR and to the appendices, as described in Chapter 5 of the 2020 Final SEIR and in the Environmental Memorandum. These changes are generally of an administrative nature such as correcting typographical errors, making minor adjustments to the data, and adding or changing certain phrases to clarify or to improve readability.

***Changes to Mitigation Measures*.** As described in Chapter 5 of the 2020 Final SEIR (Changes to the Draft SEIR) and in the responses to comments on the Draft SEIR, several mitigation measures have been modified, including Mitigation Measures AQ-1, BT-1i, BT-1j, BT-1k, CR-2b, and EN-1. The Board finds that these changes to the mitigation measures in the Final SEIR augment the mitigation measures as proposed in the Draft SEIR, strengthen the effectiveness of the proposed mitigation measures, respond to agency input, and/or enhance their clarity, but do not cause any new or more severe environmental impacts. Therefore, in accordance with CEQA and the CEQA Guidelines, no recirculation of the SEIR is necessary based on the changes and

additions to the mitigation measures in the 2021 Final SEIR.

The Board finds that these changes are of a minor, non-substantive nature and do not require circulation of the SEIR.

In addition to the changes and corrections described above, the 2021 Final SEIR provides additional information in response to comments and questions from public agencies, private organizations, and individuals received during the CEQA comment period. The Board finds that this additional information does not constitute significant new information requiring recirculation, but rather that the additional information clarifies or amplifies an adequate SEIR. The public has not been deprived of a meaningful opportunity to comment upon a substantial adverse environmental effect of the Proposed Modifications or a feasible alternative or mitigation measure.

Recirculation is required in four situations. Here, the Board finds that the additional information, including the changes described above, does not show that:

a. A new significant environmental impact would result from theproject or from a new mitigation measure proposed to be implemented.

b. A substantial increase in the severity of an environmental impactwould result unless mitigation measures are adopted that reduce the impact to a level of insignificance.

c. A feasible project alternative or mitigation measure considerably different from others previously analyzed would clearly lessen the significant environmental impacts of the project, but the project's proponents decline to adopt it.

d. The Draft EIR was so fundamentally and basically inadequate and conclusory in nature that meaningful public review and comment were precluded.

Based on the foregoing and having reviewed the information contained in the 2021 Final SEIR and in the record of M1W's proceedings, including the comments on the Draft SEIR and the responses thereto, and the above-described information, the Board hereby finds that no significant new information has been added to the 2021 Final SEIR since public notice was given of the availability of the Draft SEIR that would require recirculation of the Draft SEIR. Therefore, in accordance with CEQA Guidelines Section 15088.5(b), no recirculation of the Draft SEIR is required.

5. Differences of Opinion Regarding the Impacts of the Proposed Modifications

In making its determination to certify the 2021 Final SEIR and to approve the Proposed Modifications, the Board recognizes that a range of technical and scientific opinion exists with respect to certain environmental issues. The Board has acquired an understanding of the range of this technical and scientific opinion by its review of the Draft SEIR, the comments received on the Draft SEIR and the responses to those comments in the 2021 Final SEIR, as well as testimony, letters, and reports regarding the 2021 Final SEIR and its own experience and expertise in these environmental issues. The Board has reviewed and considered, as a whole, the evidence and analysis presented in the Draft SEIR, the evidence and analysis presented in the comments on the Draft SEIR, the evidence and analysis presented in the 2021 Final SEIR, the information submitted on the 2021 Final SEIR, and the reports prepared by the experts who prepared the SEIR, by M1W's consultants, and by staff, addressing those comments. The Board has gained a comprehensive and well-rounded understanding of the environmental issues presented by the Proposed Modifications.

In turn, this understanding has enabled the Board to make its decisions after weighing and considering the various viewpoints on these important issues. The Board accordingly certifies that its findings are based on full appraisal of all the evidence contained in the 2021 Final SEIR, as well as the evidence and other information in the record addressing the 2021 Final SEIR.

B. Impacts and Mitigation Measures

These findings provide the written analysis and conclusions of the Board regarding the environmental impacts of the Proposed Modifications and the mitigation measures identified by the 2021 Final SEIR and adopted by the Board as conditions of approval for the Proposed Modifications.

In making these findings, the Board has considered the opinions of other agencies and members of the public, including opinions that disagree with some of the analysis and significance thresholds used in the SEIR. The Board finds that the determination of significancethresholds is a judgment that is within the discretion of the Board; the significance thresholds used in the SEIR are supported by substantial evidence in the record, including the expert opinion of the SEIR preparers and M1W staff; and the significance thresholds used in the SEIR provide reasonable and appropriate means of assessing the significance of the adverse environmental effects of the Proposed Modifications.

In particular, the SEIR relied on significance criteria for evaluating impacts that are tailored to this type of project. The criteria used in the SEIR to determine whether an impact is or is not "significant" are based on (a) CEQA-stipulated "mandatory findings of significance" listed in CEQA Guidelines section 15065; (b) the relationship of the project effect to the adopted policies, ordinances, and standards of M1W and of responsible agencies; and (c) commonly accepted practice and the professional judgment of the SEIR authors and M1W staff.

1. Findings on the Proposed Modifications' Environmental Impacts.

Exhibit A, Summary of Impacts and Mitigation Measures for the Proposed Modifications, attached to these findings and incorporated herein by reference summarizes the environmental determinations of the 2021 Final SEIR about the Proposed Modifications' significant impacts before and after mitigation. This exhibit does not attempt to describe the full analysis of each environmental impact contained in the 2021 Final SEIR. Instead, Exhibit A provides a summary description of each significant impact, describes the applicable mitigation measures identified in the PWM/GWR Project EIR and 2021 Final SEIR and adopted by the Board where the measure is within the Board's jurisdiction to adopt, and states the Board's findings on the significance of each impact after imposition of the adopted mitigation measures. The Board finds that the following impacts of the Proposed Modifications would or could remain significant following M1W adoption of the mitigation measures described in the 2021 Final SEIR:

- Impact NV-1: Construction Noise
- Secondary Effects of Growth Inducement

A full explanation of these environmental findings and conclusions can be found in the PWM/GWR Project EIR and 2021 Final SEIR, and these findings hereby incorporate by reference the discussion and analysis in the PWM/GWR Project EIR and 2021 Final SEIR supporting the 2021 Final SEIR's determinations regarding the Proposed Modifications' impacts and mitigation measures designed to address those impacts. In making these findings, the Board ratifies, adopts,

and incorporates the analysis and explanation in the PWM/GWR Project EIR and 2021 Final SEIR, and ratifies, adopts, and incorporates in these findings the determinations and conclusions of the 2021 Final SEIR relating to environmental impacts and mitigation measures, except to the extent any such determinations and conclusions are specifically and expressly modified by these findings.

2. Adoption of Proposed Modifications Design Features and Mitigation Measures as Conditions of Approval.

The Board adopts and incorporates as conditions of approval of the Proposed Modifications, the mitigation measures set forth in the Mitigation Monitoring and Reporting Program attached to these findings as Exhibit B to reduce or avoid the potentially significant impacts of the Proposed Modifications. In adopting these mitigation measures, the Board intends to adopt each of the mitigation measures recommended for approval by the 2021 Final SEIR that applies to a component of the Proposed Modifications that would be constructed by or funded by the Board. Accordingly, in the event an applicable mitigation measure recommended in the 2021 Final SEIR has inadvertently been omitted from Exhibit B, such mitigation measure is hereby adopted and incorporated in the findings below by reference. In addition, in the event thelanguage describing a mitigation measure set forth in Exhibit B fails to accurately reflect the mitigation measures in the 2021 Final SEIR due to a clerical error, the language of the mitigation measure as set forth in the 2021 Final SEIR shall control, unless the language of the mitigation measure has been specifically and expressly modified by these findings.

The Board hereby finds that the adopted mitigation measures are changes or alterationsthat have been required in, or incorporated into, the Proposed Modifications which mitigate oravoid significant effects on the environment.

Some of the mitigation measures cannot be fully implemented by the Board because the measures apply to a component of the Proposed Modifications that the Board does not control. As described on pages 2-26 through 2-32 of the Draft SEIR, the CalAm Facilities for the Expanded PWM/GWR Project include four CalAm Extraction Wells and associated piping and treatment facilities; and CalAm Conveyance Facilities pipelines. CalAm has confirmed that it would implement all of the mitigation measures that the SEIR identifies for the CalAm Facilities, including the following: AE-2, AE-3, AE-4, AQ-1, BT-1a, BT-1b, BT-1c, BT-1d, BT-1f, BT-1h, BT-1i, BT-1j, BT-1k, BT-1m, BT-4, CR-2b, CR-2c, EN-1, NV-1a, NV-1c, NV-1e,NV-1f, NV-2, PS-3, TR-2, TR-3, TR-4. See Exhibit A.

The Board hereby finds that these mitigation measures are within the jurisdiction of other public agencies issuing regulatory approvals to CalAm and can and should be approved by those other agencies.

3. Findings on Additional Suggested Mitigation Measures.

In several comments on the Draft SEIR, various measures were suggested by commenters as proposed additional mitigation measures or modifications to the mitigation measures identified by the SEIR. As described above, several of the SEIR's mitigation measures were modified in response to such comments. Other comments requested minor modifications in mitigation measures identified in the Draft SEIR, requested mitigation measures for impacts thatwere less than significant, or requested additional mitigation measures for impacts as to which the Draft SEIR identified mitigation measures that would reduce the identified impact to a less than significant level; these requests are declined as unnecessary.

With respect to the additional measures suggested by commenters that were not added to the 2021 Final SEIR, the Board hereby adopts and incorporates by reference the reasons set forth in the responses to comments contained in the 2021 Final SEIR as its grounds for rejecting adoption of these mitigation measures.

C. Basis for the Board's Decision to Approve the Proposed Modifications

1. Summary of Discussion of Alternatives in the 2021 Final SEIR

The 2021 Final SEIR evaluates potential alternatives to the Proposed Modifications. The SEIR examines the environmental impacts of each alternative in comparison with the Proposed Modifications and the relative ability of each alternative to satisfy the project objectives.

The SEIR also describes the criteria used to identify a range of reasonable alternatives for review in the SEIR and describes proposals that M1W concluded did not merit additional, more-detailed review because they did not present viable alternatives to the Proposed Modifications.

2. The Board's Findings Relating to Alternatives

In making these findings, the Board certifies that it has independently reviewed and considered the information on alternatives provided in the 2021 Final SEIR, including the information provided in comments on the Draft SEIR and the responses to those comments in the 2021 Final SEIR.The 2021 Final SEIR's discussion and analysis of these alternatives is not repeated in these findings, but the discussion and analysis of the alternatives in the 2021 Final SEIR is incorporated in these findings by reference.

The 2021 Final SEIR describes and evaluates in detail several alternatives to the Project. As set forth in section B above, the Board has adopted mitigation measures that mitigate the significant environmental effects of the Proposed Modifications. As explained in section D of these findings, while these mitigation measures will not mitigate all Proposed Modifications impacts to a less than significant level, they will mitigate those impacts to a level that the Board finds is acceptable. The Board finds that only the Proposed Modifications would satisfy all the project objectives. The Board finds that the remaining alternatives are unable to satisfy the project objectives to the same degree as the Proposed Modifications. The Board further finds that, on balance, none of the remaining alternatives has environmental advantages over the Proposed Modifications that are sufficiently great to justify approval of such an alternative instead of the Proposed Modifications, in light of each such alternative's inability to satisfy the project objectives to the same degree as the Proposed Modifications. Accordingly, the Board hasdetermined to approve the Proposed Modifications instead of approving one of the remaining alternatives.

In making this determination, the Board finds that when compared to the other alternatives described and evaluated in the 2021 Final SEIR, the Proposed Modifications, as mitigated, provide a reasonable balance between fully satisfying the project objectives and reducing potential environmental impacts to an acceptable level. The Board further finds and determines that the Proposed Modifications should be approved, rather than one of the other alternatives, forthe reasons set forth below.

a. Description of Project Objectives

The primary objectives of the Proposed Modifications are to reduce discharges of secondary effluent to Monterey Bay and to replenish the Seaside Groundwater Basin with 2,250

AFY of additional purified recycled water to replace Cal-Am's use of existing water sources. To accomplish this primary objective, the Proposed Modifications would need to meet the following objectives:

- Be capable of commencing operation, or of being substantially complete, by the end of 2021 or as necessary to meet Cal-Am's replacement water needs;
- Be cost-effective such that the Proposed Modifications would be capable of supplying reasonably-priced water; and
- Be capable of complying with applicable water quality regulations intended to protect public health.

b. Discussion and Findings Relating to the Alternatives Evaluated in the Draft SEIR

Chapter 6 of the Draft SEIR provides a full discussion of the following alternatives,which are summarized below:

- No Project/No Modifications Alternative
- Elimination of Extraction Wells EW-3 and EW-4 Alternative

No Project/ No Modifications Alternative

CEQA Guidelines Sec. 15126.6 requires that an EIR include an evaluation of the No Project Alternative to provide decisionmakers the information necessary to compare the relative impacts of approving a project to not approving a project. The No Project Alternative is defined as continuation of existing conditions, as well as conditions that are reasonably expected to occur in the event that a project is not implemented.

Here, the approved PWM/GWR Project is under construction with certain components being operational to meet the objectives of the approved PWM/GWR Project and would be implemented regardless of whether the Proposed Modifications are approved. Under the No Project Alternative for the Proposed Modifications, the Proposed Modifications would not be implemented.

Under the No Project/ No Modifications Alternative, the primary objectives of reducing discharges of secondary effluent to the Monterey Bay and replenishing the Seaside Groundwater Basin with 2,250 AFY of additional purified recycled water to replace CalAm's use of existing water sources would not be achieved.

Under this alternative, it remains reasonably likely that the MPWSP desalination project would be constructed; however, should the MPWSP be delayed and not able to meet the Cease and Desist Order deadline of December 31, 2021 for CalAm to deliver new water supplies to the CalAm Monterey Service area, there would be no back-up plan.

On balance, the environmental benefits that might be achieved with this alternative are outweighed by its failure to provide the environmental benefits of the Proposed Modifications or to achieve the project objectives, and the Board rejects this alternative.

Elimination of Extraction Wells EW-3 and EW-4 Alternative

This alternative consists of the elimination of Extraction Wells, called EW-3 and EW-4,

from the Proposed Modifications, while still including construction of treatment facilities at the site that was proposed for EW-3. This alternative would reduce the total number of Extraction Wells from four to two. All the other Proposed Modifications would be constructed and operated as described in the Draft SEIR. Under this alternative, Extraction Wells EW-1, EW-2, as well as CalAm's existing extraction wells, would be operated at an increased capacity to offset the elimination of Extraction Wells EW-3 and EW-4, and backflush, treatment and conveyance facilities would still be built.

This alternative would eliminate the new, significant and unavoidable construction noise impact of the Proposed Modifications. Other than the elimination of the significant unavoidable noise impact at this location, all other impacts would remain unchanged or slightly reduced due to the reduced footprint and facilities at this project location.

Assuming the Proposed Modifications can operate without EW-3 and EW-4, this alternative could potentially meet the primary project objectives of reducing discharges of secondary effluent to Monterey Bay and replenishing the Seaside Groundwater Basin with 2,250 AFY of additional purified recycled water to replace CalAm's use of existing water sources. However, this alternative would not provide the same level of reliability as the Proposed Modifications, as two wells at each site were proposed for reliability/redundancy of the system.

Due to the reduced reliability of the extraction well system that would result from Elimination of Extraction Wells EW-3 and EW-4, the Board finds that this alternative would not accomplish the project objectives as fully as the Proposed Modifications.

On balance, the environmental benefits that might be achieved with this alternative are outweighed by its failure to satisfy the project objectives to the same degree as the Proposed Modifications. The environmental advantages of this alternative over the Proposed Modifications are not sufficiently great to justify approval of this alternative instead of the Proposed Modifications, and the Board rejects this alternative.

Summary of Findings Regarding Alternatives

For all of the foregoing reasons, the Board has determined to approve the Proposed Modifications, instead of any of the other alternatives evaluated in the Draft SEIR. On balance, the Board finds that the Proposed Modifications best achieve the project objectives and environmental benefits.

c. Findings Regarding Suggestions for Modifying the Proposed Modifications, Variations on the Alternatives, and a Suggested MPWSP Alternative

Various modifications to the Proposed Modifications and variations on the alternatives were proposed in comments on the Draft SEIR.

Certain commenters expressed their preference that CalAm's MPWSP desalination project be analyzed as an alternative to the Proposed Modifications, and this is thoroughly discussed in Chapter 3 of the Final SEIR (Master Responses to Comments on the Draft SEIR), which is incorporated by reference into these findings. CEQA Guidelines Sec. 15126.6 requiresan EIR to describe a range of reasonable alternatives to the project which would feasibly attain most of the basic objectives of the project but would avoid or substantially lessen any of the significant effects of the project. An EIR is not required to consider alternatives which are infeasible. Here, the

CalAm desalination project would not avoid or substantially lessen any of the significant effects of the Proposed Modifications, and it is not a feasible alternative to the Proposed Modifications. Nor would the CalAm MPWSP achieve most of the objectives of the Proposed Modifications. Therefore, the CalAm desalination project does not meet CEQA's criteria for an alternative to the Proposed Modifications.

The 2021 Final SEIR determined that no additional alternatives were considered necessary to be added in the 2021 Final SEIR because the alternatives suggested either would not reduce identified new significant impacts of the Proposed Modifications or would not feasibly meet most of the basic project objectives. With respect to the additional alternatives suggested by commenters that were not added to the 2021 Final SEIR, the Board hereby adopts and incorporates by reference the reasons set forth in the responses to comments contained in the 2021 Final SEIR as its grounds for rejecting the addition of these alternatives.

Findings Regarding Adequacy of Range of Alternatives. The Board finds that the range of alternatives evaluated in the SEIR reflects a reasonable attempt to identify and evaluatevarious types of alternatives that would potentially be capable of reducing the Proposed Modifications' environmental effects, while accomplishing most of the project objectives. The Board finds that the alternatives analysis is sufficient to inform the Board and the public regarding the tradeoffs between the degree to which alternatives to the Proposed Modifications could reduce environmental impacts and the corresponding degree to which the alternatives would hinder the ability to achieve the project objectives.

D. Statement of Overriding Considerations

1. Impacts That Remain Significant

As discussed above and in Exhibit A, the Board has found that the followingimpacts of the Proposed Modifications would or could remain significant following M1W adoption of the mitigation measures described in the 2021 Final SEIR:

- Impact NV-1: Construction Noise
- Secondary Effects of Growth Inducement

2. Overriding Considerations Justifying Project Approval

In accordance with CEQA Guidelines Sec. 15093, the Board has, in determining whether or not to approve the Proposed Modifications, balanced the economic, social, technological, and other project benefits against the Proposed Modifications' unavoidable environmental risks, and finds that the benefits of the Proposed Modifications set forth below outweigh the significant adverse environmental effects that are not mitigated to less than significant levels. This statement of overriding considerations is based on the Board's review of the 2021 Final SEIR and other information in the administrative record. The benefits identified below provide separate and independent bases for overriding the significant environmental effects of the Proposed Modifications.

- The Proposed Modifications would reduce discharges of secondary effluent to Monterey Bay and replenish the Seaside Groundwater Basin with 2,250 AFY of additional purified recycled water to replace Cal-Am's use of existing water sources.

- Operations of the Proposed Modifications would result in reduced pumping of the Carmel River alluvial aquifer resulting in increased flows in Carmel River that would benefit habitat for aquatic and terrestrial species.
- The Proposed Modifications would maximize the use of recycled water in compliance with the state Recycled Water Policy.

E. Record of Proceedings

Various documents and other materials constitute the record upon which the Board bases these findings and the approvals contained herein. The location and custodian of these documents and materials is: Chayito Ibarra, Clerk to the Board, M1W, 5 Harris Court, Building D, Monterey, CA 93940.

F. Mitigation Monitoring and Reporting Program

In accordance with CEQA and the CEQA Guidelines, the Board must adopt a mitigation monitoring program to ensure that the mitigation measures adopted herein are implemented. The Board hereby adopts the Mitigation Monitoring and Reporting Program for the Project attached to these findings as Exhibit B.

G. Summary

1. Based on the foregoing findings and the information contained in the administrative record, the Board has made one or more of the following findings with respect to each of the significant environmental effects of the Proposed Modifications identified in the 2021 Final SEIR:

    a. Changes or alterations have been required in, or incorporated into, the Proposed Modifications which avoid or substantially lessen the significant environmental effects on the environment.

    b. Those changes or alterations that are wholly or partially within theresponsibility and jurisdiction of another public agency have been, or can and should be, adoptedby that other public agency.

    c. Specific economic, social, technological, or other considerations make infeasible the mitigation measures or alternatives identified in the 2021 Final SEIR that would otherwise avoid or substantially lessen the identified significant environmental effects of the Proposed Modifications.

2. Based on the foregoing findings and information contained in the record, it is hereby determined that:

    a. All significant effects on the environment due to approval of the Proposed Modifications have been eliminated or substantially lessened where feasible.

    b. Any remaining significant effects on the environment found unavoidable are acceptable due to the factors described in the Statement of Overriding Considerations in Section II.D, above.

PASSED, APPROVED AND ADOPTED by the Board of Directors of the Monterey One Water at a regular meeting duly held on April 26, 2021 by the following roll call vote:

AYES:	**CARBONE, MOORE, GRIER, STEFANI, PHILLIPS, DONALDSON, WILLIAMSON, SMITH, CROMEENES, CAMPBELL**
NOES:	**NONE**
ABSENT:	**NONE**

Mary Ann Carbone, Chair
M1W Board of Directors

ATTEST:

Paul A. Sciuto, General Manager
Secretary to Board of Directors

Exhibit A

Exhibit A
to Resolution 2021-05

SUMMARY OF IMPACTS AND MITIGATION MEASURES

for the Proposed Modifications to the Pure Water Monterey Groundwater Replenishment Project:

(April 12, 2021)

Table 1 Summary of Impacts and Mitigation Measures and **Table 2** Summary of Cumulative Impacts and Mitigation Measures lists the impacts and mitigation measures of the Pure Water Monterey Groundwater Replenishment Project and the Proposed Modifications. This table has been updated from the 2020 Final SEIR to include notes about the effects of the 2021 Changes to the Injection Well Facilities. The 2021 Changes to the Injection Well Facilities will not increase the severity of any previous identified significant impacts, nor would in these changes result in any new significant impacts. In addition, the 2021 Changes to the Injection Well Facilities would not result in any changes to the mitigation measures presented in the 2020 Final SEIR.

Table 1. Summary of Impacts and Mitigation Measures

Impact Statement	Advanced Water Purification Facility (no changes)	Product Water Conveyance Pipeline (no changes)	Injection Well Facilities with 2021 Changes	CalAm Distribution System Extraction Wells (no changes)	CalAm Distribution System Conveyance Pipelines (no changes)	Proposed Modifications Overall (no changes)	Mitigation Measure Number, Name, and Applicability	Notes about 2021 Changes to the Injection Well Facilities
KEY TO ACRONYMS: NI – No Impact; LS – Less than Significant; LSM – Less than Significant with Mitigation; SU – Significant and Unavoidable; BI- Beneficial Impact								
AE-1: Construction Impacts on Scenic Views, Scenic Resources and Visual Quality of the Surrounding Areas. Construction of the Proposed Modifications would not result in substantial effects on scenic views, scenic resources, or the visual character or quality of public views of the areas surrounding the Proposed Modifications facilities.	NI	LS	LS	LS	LS	LS	None required.	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. These impact conclusions remain the same as in the 2020 Final SEIR.
AE-2: Construction Impacts due to Temporary Light and Glare. Construction of the Proposed Modifications could result in substantial, temporary sources of light or glare.	LS	NI	LS	LSM	LSM	LSM	**AE-2**: Minimize Construction Nighttime Lighting. (Applies to the CalAm Extraction Wells and Conveyance Pipelines).	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. These impact conclusions and associated mitigation measures remain the same.
AE-3: Degradation of Visual Quality of Sites and Surrounding Areas. Proposed Modifications would not result in a substantial degradation of the visual character of the project area and its surroundings.	LS	NI	LS	LSM	NI	LSM	**AE-3:** Provide Aesthetic Screening for New Above-Ground Structures. (Applies to the following project components: CalAm Extraction Wells).	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. These impact conclusions and associated mitigation measures remain the same.
AE-4: Impacts due to Permanent Light and Glare during Operations. Operation of Proposed Modifications may result in a substantial new source of light or glare that would adversely affect day or nighttime views in the area.	LS	NI	LSM	LSM	NI	LSM	**AE-4:** Exterior Lighting Minimization. (Applies to the following project components: Injection Well Facilities and CalAm Extraction Wells).	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. Mitigation Measure AE-4 would continue to apply to the Injection Well Facilities with the 2021 changes. These impact conclusions

Table 1. Summary of Impacts and Mitigation Measures

Impact Statement	Advanced Water Purification Facility (no changes)	Product Water Conveyance Pipeline (no changes)	Injection Well Facilities with 2021 Changes	CalAm Distribution System Extraction Wells (no changes)	CalAm Distribution System Conveyance Pipelines (no changes)	Proposed Modifications Overall (no changes)	Mitigation Measure Number, Name, and Applicability	Notes about 2021 Changes to the Injection Well Facilities
KEY TO ACRONYMS: NI – No Impact; LS – Less than Significant; LSM – Less than Significant with Mitigation; SU – Significant and Unavoidable; BI- Beneficial Impact								
								and associated mitigation measures remain the same.
AQ-1: Construction Criteria Pollutant Emissions. Construction of the Proposed Modifications would result in emissions of criteria pollutants, specifically PM10, that may result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable Federal or State ambient air quality standard.	LSM[1]	LSM[1]	LSM[1]	LSM[1]	LSM[1]	LSM[1]	**AQ-1**: Construction Fugitive Dust Control Plan. (Applies to All Proposed Modifications).	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. Mitigation Measure AQ-1 would continue to apply to the Injection Well Facilities with the 2021 changes. These impact conclusions and associated mitigation measures remain the same.
AQ-2: Construction Exposure of Sensitive Receptors to Pollutant Emissions. Construction of the Proposed Modifications would not expose sensitive receptors to substantial pollutant concentrations.	LS	LS	LS	LS	LS	LS	None required.	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. These impact conclusions remain the same as in the 2020 Final SEIR.
AQ-3: Construction Odors. Construction of the Proposed Modifications would not result in other emissions (e.g., odors) that	LS	LS	LS	LS	LS	LS	None required	The 2021 Changes to Injection Well Facilities

[1] Under Impact AQ-1, the implementation of each component when looked at individually would not a have a significant impact; it is only when all components are implemented together (with overlapping construction schedules) that a significant impact would occur triggering Mitigation Measures to reduce the impact to less than significant (LS).

Table 1. Summary of Impacts and Mitigation Measures

Impact Statement	Advanced Water Purification Facility (no changes)	Product Water Conveyance Pipeline (no changes)	Injection Well Facilities with 2021 Changes	CalAm Distribution System Extraction Wells (no changes)	CalAm Distribution System Conveyance Pipelines (no changes)	Proposed Modifications Overall (no changes)	Mitigation Measure Number, Name, and Applicability	Notes about 2021 Changes to the Injection Well Facilities
KEY TO ACRONYMS: NI – No Impact; LS – Less than Significant; LSM – Less than Significant with Mitigation; SU – Significant and Unavoidable; BI- Beneficial Impact								
would adversely affect a substantial number of people.								would not worsen the severity of this impact. These impact conclusions remain the same as in the 2020 Final SEIR.
AQ-4: Construction Greenhouse Gas Emissions. Construction of the Proposed Modifications would generate greenhouse gas emissions, either directly or indirectly, but would not cause the Project with the Proposed Modifications to make a considerable contribution to significant cumulative impacts due to greenhouse gas emissions and the related global climate change impacts.	LS: The construction of the Proposed Modifications would not make a considerable contribution to significant cumulative impacts due to greenhouse gas emissions and the related global climate change impacts.						None required.	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. These impact conclusions remain the same as in the 2020 Final SEIR.
AQ-5: Operational Criteria Pollutant Emissions. Operation of the Project with the Proposed Modifications would not expose sensitive receptors to substantial pollutant concentrations.	LS	LS	LS	LS	LS	LS	None required.	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. These impact conclusions remain the same as in the 2020 Final SEIR.
AQ-6: Operational Greenhouse Gas Emissions. Operation of the Proposed Modifications would generate GHG emissions, either directly or indirectly. These emissions would not cause the Project with the Proposed Modifications to exceed significance thresholds such that they would	LS: The Proposed Modifications would not make a considerable contribution to significant cumulative impacts of greenhouse gas emissions and the related global climate change impacts						None required.	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. These impact conclusions

Table 1. Summary of Impacts and Mitigation Measures

Impact Statement	Advanced Water Purification Facility (no changes)	Product Water Conveyance Pipeline (no changes)	Injection Well Facilities with 2021 Changes	CalAm Distribution System Extraction Wells (no changes)	CalAm Distribution System Conveyance Pipelines (no changes)	Proposed Modifications Overall (no changes)	Mitigation Measure Number, Name, and Applicability	Notes about 2021 Changes to the Injection Well Facilities
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result in a considerable contribution to significant cumulative impacts of GHG emissions. In addition, the Proposed Modifications would not conflict with applicable plan, policy or regulation adopted for the purpose of reducing greenhouse gas emissions.								remain the same as in the 2020 Final SEIR.
BF-1: Habitat Modification Due to Construction of Diversion Facilities.	NI	NI	NI	NI	NI	NI	None required.	No impact would result from the 2021 Changes to the Injection Well Facilities. These impact conclusions remain the same as in the 2020 Final SEIR.
BF-2: Interference with Fish Migration Due to Project Operations.	NI	NI	NI	NI	NI	NI	None required.	No impact would result from the 2021 Changes to the Injection Well Facilities. These impact conclusions remain the same as in the 2020 Final SEIR.
BF-3: Reduction in Fish Habitat or Fish Populations Due to Project Operations.	NI	NI	NI	NI	NI	BI	None required.	No impact would result from the 2021 Changes to the Injection Well Facilities. These impact conclusions remain the same as in the 2020 Final SEIR.

Table 1. Summary of Impacts and Mitigation Measures

Impact Statement	Advanced Water Purification Facility (no changes)	Product Water Conveyance Pipeline (no changes)	Injection Well Facilities with 2021 Changes	CalAm Distribution System Extraction Wells (no changes)	CalAm Distribution System Conveyance Pipelines (no changes)	Proposed Modifications Overall (no changes)	Mitigation Measure Number, Name, and Applicability	Notes about 2021 Changes to the Injection Well Facilities
KEY TO ACRONYMS: NI – No Impact; LS – Less than Significant; LSM – Less than Significant with Mitigation; SU – Significant and Unavoidable; BI- Beneficial Impact								
BT-1: Construction Impacts to Special-Status Species and Habitat. Construction of the Proposed Modifications may adversely affect, either directly or through habitat modification, special-status plant and wildlife species and their habitat within the Biological Study Area.	NI	LSM	LSM	NI	NI	LSM	**BT-1a**: Implement Construction Best Management Practices. (Applies to all Proposed Modifications, except the Advanced Water Purification Facility) **BT-1b**: Implement Construction-Phase Monitoring. (Applies to all Proposed Modifications, except the Advanced Water Purification Facility) **BT-1c:** Implement Non-Native, Invasive Species Controls. (Applies to all Proposed Modifications, except the Advanced Water Purification Facility) **BT-1d**: Conduct Pre-Construction Surveys for California Legless Lizard. (Applies to Product Water Conveyance Pipelines, Injection Well Facilities, and Extraction Wells) **BT-1e:** Prepare and Implement Rare Plant Restoration Plan to Mitigate Impacts to Kellogg's Horkelia. (Applies to Product Water Conveyance Pipeline and Injection Well Facilities) **BT-1f:** Conduct Pre-Construction Protocol-Level Botanical Surveys within the remaining portion of the Biological Study Area. (Applies to all Proposed Modifications, except the Advanced Water Purification Facility) **BT-1h:** Implementation of Mitigation Measures BT-1a and BT-1b to Mitigate Impacts to the Monterey Ornate Shrew, Coast Horned Lizard, Coast Range Newt, Two-Striped Garter Snake, and Salinas Harvest Mouse. (Applies to Injection Well Facilities and Extraction Wells) **BT-1i**: Conduct Pre-Construction Surveys for Monterey Dusky-Footed Woodrat. (Applies to Injection Well Facilities and Extraction Wells) **BT-1j:** Conduct Pre-Construction Surveys for American Badger. (Applies to Injection Well Facilities and Extraction Wells) **BT-1k:** Conduct Pre-Construction Surveys for Protected Avian Species, including, but not limited to, white-tailed kite and California horned lark. (Applies to all Proposed Modifications, except the Advanced Water Purification Facility) **BT-1m:** Minimize effects of nighttime construction lighting. (Applies to Injection Well Facilities and Extraction Wells)	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. Mitigation Measures BT-1a through BT-1K would continue to apply to the Injection Well Facilities with the 2021 changes. These impact conclusions and associated mitigation measures remain the same.
BT-2: Construction Impacts to Sensitive Habitats. Proposed Modifications construction may adversely affect sensitive	NI	LS	LS	NI	NI	LS	None required.	The 2021 Changes to Injection Well Facilities would not worsen the

Table 1. Summary of Impacts and Mitigation Measures

Impact Statement	Advanced Water Purification Facility (no changes)	Product Water Conveyance Pipeline (no changes)	Injection Well Facilities with 2021 Changes	CalAm Distribution System Extraction Wells (no changes)	CalAm Distribution System Conveyance Pipelines (no changes)	Proposed Modifications Overall (no changes)	Mitigation Measure Number, Name, and Applicability	Notes about 2021 Changes to the Injection Well Facilities
KEY TO ACRONYMS: NI – No Impact; LS – Less than Significant; LSM – Less than Significant with Mitigation; SU – Significant and Unavoidable; BI- Beneficial Impact								
habitats (including riparian, wetlands, and/or other sensitive natural communities) within the Biological Study Area.								severity of this impact. These impact conclusions remain the same as in the 2020 Final SEIR.
BT-3: Construction Conflicts with Local Policies, Ordinances, or Approved Habitat Conservation Plan. Construction of the Proposed Modifications would potentially conflict with local policies or ordinances protecting biological resources. A potential conflict may occur if the Fort Ord HMP plant species on the former Fort Ord that do not require a take authorization from the Service or CDFW are impacted, and salvage is not conducted. There are no approved HCPs applicable to the Proposed Modifications.	NI	LSM	LSM	LSM	LSM	LSM	**BT-4:** Fort Ord HMP Plant Species Salvage. (Applies to Product Water Conveyance Pipeline, Expanded Injection Well Facilities, Extraction Wells, and CalAm Conveyance Pipelines)	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. Mitigation Measure BT-4 would continue to apply to the Injection Well Facilities with the 2021 changes. These impact conclusions and associated mitigation measures remain the same.
CR-1: Construction Impacts on Archaeological Resources or Human Remains. Construction of the Proposed Modifications may result in a substantial adverse change in the significance to unknown archaeological resources during construction and/or encounter unknown human remains.	LSM	LSM	LSM	LSM	LSM	LSM	**CR-2b**: Discovery of Archaeological Resources or Human Remains. (Applies to all Proposed Modifications components). **CR-2c:** Native American Notification (Applies to all Proposed Modifications)	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. Mitigation Measures CR-2b and CR-2c would continue to apply to the Injection Well Facilities with the 2021 changes. These impact conclusions and associated mitigation measures remain the same.

Table 1. Summary of Impacts and Mitigation Measures

Impact Statement	Advanced Water Purification Facility (no changes)	Product Water Conveyance Pipeline (no changes)	Injection Well Facilities with 2021 Changes	CalAm Distribution System Extraction Wells (no changes)	CalAm Distribution System Conveyance Pipelines (no changes)	Proposed Modifications Overall (no changes)	Mitigation Measure Number, Name, and Applicability	Notes about 2021 Changes to the Injection Well Facilities
KEY TO ACRONYMS: NI – No Impact; LS – Less than Significant; LSM – Less than Significant with Mitigation; SU – Significant and Unavoidable; BI- Beneficial Impact								
CR-2: Construction Impacts on Unknown Paleontological Resources. Construction of the Proposed Modifications would not result in damage to or destruction of unknown paleontological resources.	LS	LS	LS	LS	LS	LS	None required.	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. These impact conclusions remain the same as in the 2020 Final SEIR.
EN-1: Construction Impacts due to Temporary Energy Use. Proposed Project and Project Modifications construction could result in wasteful or inefficient use of energy if construction equipment is not maintained or if haul trips are not planned efficiently. The Proposed Project and Project Modifications would not conflict with existing energy standards.	LSM	LSM	LSM	LSM	LSM	LSM	**EN-1**: Construction Equipment Efficiency Plan. (Applies to all Proposed Modification components).	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. Mitigation Measure EN-1 would continue to apply to the Injection Well Facilities with the 2021 changes. These impact conclusions and associated mitigation measures remain the same.
EN-2: Operational Impacts due to Energy Use. Proposed Project operations would not result in the consumption of energy such that existing supplies would be substantially constrained nor would the Project result in the unnecessary, wasteful, or inefficient use of energy resources.	LS	LS	LS	LS	LS	LS	None required.	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. These impact conclusions remain the same as in the 2020 Final SEIR.
GS-1: Construction-Related Erosion or Loss of Topsoil. Construction of the Proposed Modifications would not result in substantial soil erosion or the loss of topsoil.	LS	LS	LS	LS	LS	LS	None required.	The 2021 Changes to Injection Well Facilities would not worsen the

Table 1. Summary of Impacts and Mitigation Measures

Impact Statement	Advanced Water Purification Facility (no changes)	Product Water Conveyance Pipeline (no changes)	Injection Well Facilities with 2021 Changes	CalAm Distribution System Extraction Wells (no changes)	CalAm Distribution System Conveyance Pipelines (no changes)	Proposed Modifications Overall (no changes)	Mitigation Measure Number, Name, and Applicability	Notes about 2021 Changes to the Injection Well Facilities
KEY TO ACRONYMS: NI – No Impact; LS – Less than Significant; LSM – Less than Significant with Mitigation; SU – Significant and Unavoidable; BI- Beneficial Impact								
								severity of this impact. These impact conclusions remain the same as in the 2020 Final SEIR.
GS-2: Construction-Related Soil Collapse and Soil Constraints during Pipeline Trenching. Construction of some Proposed Modifications pipeline components would be located on geologic units or soils that are unstable, or that may become unstable during project construction, and potentially result in soil instability or collapse; however, this exposure would not result in a substantial risk to people or structures.	LS	LS	LS	LS	LS	LS	None required.	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. These impact conclusions remain the same as in the 2020 Final SEIR.
GS-3: Exposure to Seismic Ground Shaking and Liquefaction. The Proposed Modifications would be located in a seismically active area; however, operations of the Proposed Modifications would not expose people or structures to a substantial risk of loss, injury, or death involving exposure to seismic groundshaking and liquefaction.	LS	LS	LS	LS	LS	LS	None required.	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. These impact conclusions remain the same as in the 2020 Final SEIR.
GS-4: Hydro-Collapse of Soils from Well Injection. Operation of the Proposed Modifications would not create a substantial risk to life or property due to its facilities being located on a geologic unit or soils that are unstable, or that would become unstable as a result of hydro-collapse.	NI	NI	LS	NI	NI	LS	None required.	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. These impact conclusions remain the same as in the 2020 Final SEIR.

Table 1. Summary of Impacts and Mitigation Measures

Impact Statement	Advanced Water Purification Facility (no changes)	Product Water Conveyance Pipeline (no changes)	Injection Well Facilities with 2021 Changes	CalAm Distribution System Extraction Wells (no changes)	CalAm Distribution System Conveyance Pipelines (no changes)	Proposed Modifications Overall (no changes)	Mitigation Measure Number, Name, and Applicability	Notes about 2021 Changes to the Injection Well Facilities
KEY TO ACRONYMS: NI – No Impact; LS – Less than Significant; LSM – Less than Significant with Mitigation; SU – Significant and Unavoidable; BI- Beneficial Impact								
HH-1: Use and Disposal of Hazardous Materials During Construction. Construction of the Proposed Modifications would not create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials during construction.	LS	LS	LS	LS	LS	LS	None required.	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. These impact conclusions remain the same as in the 2020 Final SEIR.
HH-2: Accidental Release of Hazardous Materials During Construction. Construction of the Proposed Modifications would not create a significant hazard due to upset and accident conditions involving the release of hazardous materials into the environment.	LS	LS	LS	LS	LS	LS	None required.	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. These impact conclusions remain the same as in the 2020 Final SEIR.
HH-3: Construction of Facilities on Known Hazardous Materials Site. Construction of the Proposed Modifications would occur on a known hazardous materials site pursuant to Government Code Sec. 65962.5; however, the Proposed Modifications would not result in a significant hazard to people or the environment.	LS	LS	LS	LS	LS	LS	None required.	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. These impact conclusions remain the same as in the 2020 Final SEIR.

Table 1. Summary of Impacts and Mitigation Measures

Impact Statement	Advanced Water Purification Facility (no changes)	Product Water Conveyance Pipeline (no changes)	Injection Well Facilities with 2021 Changes	CalAm Distribution System Extraction Wells (no changes)	CalAm Distribution System Conveyance Pipelines (no changes)	Proposed Modifications Overall (no changes)	Mitigation Measure Number, Name, and Applicability	Notes about 2021 Changes to the Injection Well Facilities
KEY TO ACRONYMS: NI – No Impact; LS – Less than Significant; LSM – Less than Significant with Mitigation; SU – Significant and Unavoidable; BI- Beneficial Impact								
HH-4: Use of Hazardous Materials During Construction Within 0.25-Miles of Schools. Construction of the Proposed Modifications would not result in nor create a significant hazard to the public or the environment due to handling of hazardous materials or hazardous emissions within 0.25 mile of a school during construction.	LS	LS	LS	LS	LS	LS	None required.	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. These impact conclusions remain the same as in the 2020 Final SEIR.
HH-5: Wildland Fire Hazard during Construction. Construction of the Proposed Modifications would not increase the risk of wildland fires in high fire hazard areas.	LS	LS	LS	LS	LS	LS	None required.	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. These impact conclusions remain the same as in the 2020 Final SEIR.
HH-6: Use and Disposal of Hazardous Materials During Operation. Operations of the Proposed Modifications would not create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials.	LS	LS	LS	LS	LS	LS	None required.	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. These impact conclusions remain the same as in the 2020 Final SEIR.
HH-7: Operation of Facilities on Known Hazardous Materials Site. Proposed Modifications facilities would be located on a known hazardous materials site; however, the Proposed Modifications would not result	LS	LS	LS	LS	LS	LS	None required.	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. These impact conclusions

Table 1. Summary of Impacts and Mitigation Measures

Impact Statement	Advanced Water Purification Facility (no changes)	Product Water Conveyance Pipeline (no changes)	Injection Well Facilities with 2021 Changes	CalAm Distribution System Extraction Wells (no changes)	CalAm Distribution System Conveyance Pipelines (no changes)	Proposed Modifications Overall (no changes)	Mitigation Measure Number, Name, and Applicability	Notes about 2021 Changes to the Injection Well Facilities
KEY TO ACRONYMS: NI – No Impact; LS – Less than Significant; LSM – Less than Significant with Mitigation; SU – Significant and Unavoidable; BI- Beneficial Impact								
in a significant hazard to people or the environment.								remain the same as in the 2020 Final SEIR.
GW-1: Construction Groundwater Depletion, Levels, and Recharge. Construction of the Proposed Modifications components would not deplete groundwater supplies nor interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of local groundwater levels.	NI	LS	LS	LS	LS	LS	None required.	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. These impact conclusions remain the same as in the 2020 Final SEIR.
GW-2: Construction Groundwater Quality. Construction of the Proposed Modifications would not violate any water quality standards or otherwise degrade water quality.	NI	LS	LS	LS	LS	LS	None required.	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. These impact conclusions remain the same as in the 2020 Final SEIR.
GW-3: Operational Groundwater Depletion and Levels: Salinas Valley Groundwater Basin. Operation of the Project with the Proposed Modifications would not deplete groundwater supplies in the Salinas Valley Groundwater Basin nor interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater levels in the Salinas Valley Groundwater Basin.	NI	NI	NI	NI	NI	BI	None required.	No impact would result from the 2021 Changes to the Injection Well Facilities. These impact conclusions remain the same as in the 2020 Final SEIR.

Table 1. Summary of Impacts and Mitigation Measures

Impact Statement	Advanced Water Purification Facility (no changes)	Product Water Conveyance Pipeline (no changes)	Injection Well Facilities with 2021 Changes	CalAm Distribution System Extraction Wells (no changes)	CalAm Distribution System Conveyance Pipelines (no changes)	Proposed Modifications Overall (no changes)	Mitigation Measure Number, Name, and Applicability	Notes about 2021 Changes to the Injection Well Facilities
KEY TO ACRONYMS: NI – No Impact; LS – Less than Significant; LSM – Less than Significant with Mitigation; SU – Significant and Unavoidable; BI- Beneficial Impact								
GW-4: Operational Groundwater Depletion and Levels: Seaside Basin. Operation of the Project with the Proposed Modifications would not deplete groundwater supplies in the Seaside Basin nor interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater levels in the Seaside Basin.	LS	LS	LS	LS	LS	LS	None required.	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. These impact conclusions remain the same as in the 2020 Final SEIR.
GW-5: Operational Groundwater Quality: Salinas Valley. Operation of the Proposed Project would not degrade groundwater quality in the Salinas Valley.	NI	NI	NI	NI	NI	BI	None required.	No impact would result from the 2021 Changes to the Injection Well Facilities. These impact conclusions remain the same as in the 2020 Final SEIR.
GW-6: Operational Groundwater Quality: Seaside Basin. Operations of the Project with the Proposed Modifications would not degrade groundwater quality in the Seaside Basin, including due to injection of purified recycled water into the basin.	NI	NI	BI/LS[2]	LS	LS	BI/LS[2]	None required.	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. These impact conclusions remain the same as in the 2020 Final SEIR.
HS-1: Construction Impacts to Surface Water Quality due to Discharges. Construction of the Proposed Modifications involve well drilling and development.	LS	LS	LS	LS	LS	LS	None required.	The 2021 Changes to Injection Well Facilities would not worsen the

[2] For concentrations of total dissolved solids and chloride, the impact would be beneficial; for all other water quality parameters, the impact would be less than significant.

Table 1. Summary of Impacts and Mitigation Measures

Impact Statement	Advanced Water Purification Facility (no changes)	Product Water Conveyance Pipeline (no changes)	Injection Well Facilities with 2021 Changes	CalAm Distribution System Extraction Wells (no changes)	CalAm Distribution System Conveyance Pipelines (no changes)	Proposed Modifications Overall (no changes)	Mitigation Measure Number, Name, and Applicability	Notes about 2021 Changes to the Injection Well Facilities
KEY TO ACRONYMS: NI – No Impact; LS – Less than Significant; LSM – Less than Significant with Mitigation; SU – Significant and Unavoidable; BI- Beneficial Impact								
Dewatering of shallow groundwater during excavation would generate water requiring disposal. Compliance with existing regulatory requirements would ensure that water disposal during construction would not violate any water quality standards or waste discharge requirements or substantially degrade surface water quality, would not cause substantial erosion or siltation, and would not otherwise substantially degrade surface water quality.								severity of this impact. These impact conclusions remain the same as in the 2020 Final SEIR.
HS-2: Construction Impacts to Surface Water Quality due to Earthmoving and Drainage Alterations. Construction of the Proposed Modifications would not violate any water quality standards or waste discharge requirements, would not cause substantial erosion or siltation, and would not otherwise substantially degrade surface water quality including marine water quality, due to earthmoving, drainage alterations, and use of hazardous chemicals.	LS	LS	LS	LS	LS	LS	None required.	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. These impact conclusions remain the same as in the 2020 Final SEIR.
HS-3: Operational Impacts to Surface Water Quality due to Well Maintenance Discharges. Operation of the Proposed Modifications would not violate any water quality standards or waste discharge requirements, would not cause substantial erosion or siltation, and would not otherwise substantially degrade surface water quality due to well maintenance discharges.	NI	NI	LS	LS	NI	LS	None required.	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. These impact conclusions remain the same as in the 2020 Final SEIR.

Table 1. Summary of Impacts and Mitigation Measures

Impact Statement	Advanced Water Purification Facility (no changes)	Product Water Conveyance Pipeline (no changes)	Injection Well Facilities with 2021 Changes	CalAm Distribution System Extraction Wells (no changes)	CalAm Distribution System Conveyance Pipelines (no changes)	Proposed Modifications Overall (no changes)	Mitigation Measure Number, Name, and Applicability	Notes about 2021 Changes to the Injection Well Facilities
KEY TO ACRONYMS: NI – No Impact; LS – Less than Significant; LSM – Less than Significant with Mitigation; SU – Significant and Unavoidable; BI- Beneficial Impact								
HS-4: Operational Marine Water Quality due to Ocean Discharges. The Proposed Modifications' operational discharges of reverse osmosis concentrate to the ocean through the M1W outfall would not violate water quality standards or waste discharge requirements, or otherwise substantially degrade water quality.	LS	NI	NI	NI	NI	LS	None required.	No impact would result from the 2021 Changes to the Injection Well Facilities. These impact conclusions remain the same as in the 2020 Final SEIR.
HS-5: Operational Drainage Pattern Alterations. The Proposed Modifications would alter existing drainage patterns by increasing impervious surfaces, but would not substantially increase the rate or amount of runoff such that it would: (1) cause erosion or siltation on- or off-site, (2) cause flooding on- or offsite, (3) exceed the existing storm drainage system capacity, or (4) impede or redirect flood flows.	LS	LS	LS	LS	LS	LS	None required.	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. These impact conclusions remain the same as in the 2020 Final SEIR.
HS-6: Operational Carmel River Flows. Operations of the Proposed Modifications would result in reduced pumping of the Carmel River alluvial aquifer resulting in increased flows in Carmel River that would benefit habitat for aquatic and terrestrial species.	BI	BI	BI	BI	BI	BI	None required.	The 2021 Changes to Injection Well Facilities would not changes this level of impact. These impact conclusions remain the same as in the 2020 Final SEIR.
LU-1: Operational Consistency with Plans, Policies, and Regulations. The Proposed Modifications would have one or more components that would potentially conflict, or be inconsistent with, applicable land use plans, policies, and regulations without implementation of mitigation	LSM	LSM	LSM	LSM	LSM	LSM	All other mitigation measures (see Table 4.12-4 in Section 4.12, Land Use, Agriculture, and Forest Resources).	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. All applicable mitigation measures would continue to apply to the Injection Well

Table 1. Summary of Impacts and Mitigation Measures

Impact Statement	Advanced Water Purification Facility (no changes)	Product Water Conveyance Pipeline (no changes)	Injection Well Facilities with 2021 Changes	CalAm Distribution System Extraction Wells (no changes)	CalAm Distribution System Conveyance Pipelines (no changes)	Proposed Modifications Overall (no changes)	Mitigation Measure Number, Name, and Applicability	Notes about 2021 Changes to the Injection Well Facilities
KEY TO ACRONYMS: NI – No Impact; LS – Less than Significant; LSM – Less than Significant with Mitigation; SU – Significant and Unavoidable; BI- Beneficial Impact								
measures identified in this Supplemental EIR.								Facilities with the 2021 changes. These impact conclusions and associated mitigation measures remain the same.
MR-1: Operational Impacts on Marine Biological Resources. Operation of the Proposed Modifications would not result in substantial adverse effects on candidate, sensitive, or special-status species and would not interfere substantially with the movement of any native resident or migratory fish or wildlife species.	LS	NI	NI	NI	NI	LS	None required.	No impact would result from the 2021 Changes to the Injection Well Facilities. These impact conclusions remain the same as in the 2020 Final SEIR.
NV-1: Construction Noise. Construction would result in a temporary increase in ambient noise levels in the vicinity of all Proposed Modifications sites. Temporary construction noise would not be substantial at most construction sites, except at the CalAm Extraction Wells.	LS	LSM	LS	SU	LSM	SU	**NV-1a:** Drilling Contractor Noise Measures. (Applies to Expanded Injection Well Facilities, CalAm Extraction Wells) **NV-1c:** Neighborhood Notice. (Applies to Expanded Injection Well Facilities, CalAm Extraction Wells) **NV-1e:** Additional Noise Controls for Nighttime Construction of Wells. (Applies to CalAm Extraction Wells) **NV-1f:** Offsite Accommodations for Substantially Affected Nighttime Receptors near Wells. (Applies to CalAm Extraction Wells)	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. These impact conclusions and associated mitigation measures remain the same.
NV-2: Operational Noise. Operation of the Proposed Modifications would potentially increase existing noise levels, but would not exceed noise level standards except at CalAm Extraction Wells.	LS	LS	LS	LSM	LS	LSM	**NV-2**: Stationary-Source Noise Controls. (EW-3 and EW-4)	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. These impact conclusions and associated mitigation measure(s) remain the same.

Table 1. Summary of Impacts and Mitigation Measures

Impact Statement	Advanced Water Purification Facility (no changes)	Product Water Conveyance Pipeline (no changes)	Injection Well Facilities with 2021 Changes	CalAm Distribution System Extraction Wells (no changes)	CalAm Distribution System Conveyance Pipelines (no changes)	Proposed Modifications Overall (no changes)	Mitigation Measure Number, Name, and Applicability	Notes about 2021 Changes to the Injection Well Facilities
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PH-1: Construction-Related Growth Inducement. Construction of the Proposed Modifications would result in temporary increases in construction employment but would not induce substantial population growth.	-	-	-	-	-	**LS**	None required.	The 2021 Changes to Injection Well Facilities would not changes this level of impact. These impact conclusions remain the same as in the 2020 Final SEIR.
PH-2: Operations-Related Growth Inducement. Operation of the Proposed Modifications would not result in substantial population growth directly during project operations.	-	-	-	-	-	**LS**	None required.	The 2021 Changes to Injection Well Facilities would not changes this level of impact. These impact conclusions remain the same as in the 2020 Final SEIR.
PS-1: Construction Public Services Demand. Construction of the Proposed Modifications would not result in increased demands for fire and police protection services, schools, or parks that would result in the need for new or physically altered facilities to maintain service capacity or performance objectives.	LS	LS	LS	LS	LS	LS	None required.	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. These impact conclusions remain the same as in the 2020 Final SEIR.

Table 1. Summary of Impacts and Mitigation Measures

Impact Statement	Advanced Water Purification Facility (no changes)	Product Water Conveyance Pipeline (no changes)	Injection Well Facilities with 2021 Changes	CalAm Distribution System Extraction Wells (no changes)	CalAm Distribution System Conveyance Pipelines (no changes)	Proposed Modifications Overall (no changes)	Mitigation Measure Number, Name, and Applicability	Notes about 2021 Changes to the Injection Well Facilities
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PS-2: Construction Landfill Capacity. Construction of the Proposed Modifications would result in generation of solid waste; however, the solid waste would be disposed at a landfill with sufficient permitted daily and overall capacity to accommodate the project's solid waste disposal needs.	LS	LS	LS	LS	LS	LS	None required.	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. These impact conclusions remain the same as in the 2020 Final SEIR.
PS-3: Construction Solid Waste Policies and Regulations. Construction of the Proposed Modifications would potentially conflict with State and local statutes, policies and regulations related to solid waste.	LSM	LSM	LSM	LSM	LSM	LSM	**PS-3**: Construction Waste Reduction and Recycling Plan. (Applies to all Proposed Modifications).	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. Mitigation Measure PS-3 would continue to apply to the Injection Well Facilities with the 2021 changes. These impact conclusions and associated mitigation measure(s) remain the same.
PS-4: Public Services Demand During Operation. Operation of the Proposed Modifications would not result in increased demands for fire and police protection services, schools, or parks that would result in the need for new or physically altered facilities to maintain service capacity or performance objectives.	LS	LS	LS	LS	LS	LS	None required.	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. These impact conclusions remain the same as in the 2020 Final SEIR.
PS-5: Landfill Capacity for Operations. Operation of the Proposed Modifications would not result in adverse effects on landfill	LS	LS	LS	LS	LS	LS	None required.	The 2021 Changes to Injection Well Facilities

Table 1. Summary of Impacts and Mitigation Measures

Impact Statement	Advanced Water Purification Facility (no changes)	Product Water Conveyance Pipeline (no changes)	Injection Well Facilities with 2021 Changes	CalAm Distribution System Extraction Wells (no changes)	CalAm Distribution System Conveyance Pipelines (no changes)	Proposed Modifications Overall (no changes)	Mitigation Measure Number, Name, and Applicability	Notes about 2021 Changes to the Injection Well Facilities
KEY TO ACRONYMS: NI – No Impact; LS – Less than Significant; LSM – Less than Significant with Mitigation; SU – Significant and Unavoidable; BI- Beneficial Impact								
capacity or be out of compliance with Federal, State, and local statutes and regulations related to solid waste.								would not worsen the severity of this impact. These impact conclusions remain the same as in the 2020 Final SEIR.
TR-1: Construction Traffic. Construction of the Proposed Modifications would result in a temporary increase in traffic volumes on regional and local roadways due to construction-related vehicle trips, which would not result in conflicts with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities.	LS	LS	LS	LS	LS	LS	None required.	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. These impact conclusions remain the same as in the 2020 Final SEIR.
TR-2: Construction-Related Traffic Increases, Safety and Access Limitations. Construction activities could result in temporary traffic increases, safety hazards, and/or disruption of access.	LS	LS	LS	LS	LSM	LSM	**TR-2**: Traffic Control and Safety Assurance Plan. (Applies to CalAm Conveyance Pipeline).	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. These impact conclusions and associated mitigation measure(s) remain the same.
TR-3: Construction-Related Roadway Deterioration. Construction truck trips could result in increased wear-and-tear on the designated haul routes, which could result in temporary impacts to performance of the regional circulation system.	LSM	LSM	LSM	LSM	LSM	LSM	**TR-3**: Roadway Rehabilitation Program (Applies to All Proposed Modifications).	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. Mitigation Measure TR-3 would continue to apply to

Table 1. Summary of Impacts and Mitigation Measures

Impact Statement	Advanced Water Purification Facility (no changes)	Product Water Conveyance Pipeline (no changes)	Injection Well Facilities with 2021 Changes	CalAm Distribution System Extraction Wells (no changes)	CalAm Distribution System Conveyance Pipelines (no changes)	Proposed Modifications Overall (no changes)	Mitigation Measure Number, Name, and Applicability	Notes about 2021 Changes to the Injection Well Facilities
KEY TO ACRONYMS: NI – No Impact; LS – Less than Significant; LSM – Less than Significant with Mitigation; SU – Significant and Unavoidable; BI- Beneficial Impact								
								the Injection Well Facilities with the 2021 changes. These impact conclusions and associated mitigation measure(s) remain the same.
TR-4: Construction Parking Interference. Construction activities may temporarily affect parking availability.	LS	LS	LS	LS	LSM	LSM	**TR-4**: Construction Parking Requirement (CalAm Conveyance Pipeline).	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact because there are no additional construction parking needs due to these changes. These impact conclusions and associated mitigation measure(s) remain the same.
TR-5: Operational Traffic. Operation and maintenance of the Proposed Modifications would result in small traffic increases on regional and local roadways, but would not substantially affect the performance of the regional circulation system or result in a significant increase in VMT.	LS	LS	LS	LS	LS	LS	None required.	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. These impact conclusions remain the same as in the 2020 Final SEIR.
WW-1: Construction-Related Water Demand. The Proposed Modifications would result in a temporary increase in water use due to construction-related demand. Existing water supplies would be	LS	LS	LS	LS	LS	LS	None required.	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. These impact conclusions

Table 1. Summary of Impacts and Mitigation Measures

Impact Statement	Advanced Water Purification Facility (no changes)	Product Water Conveyance Pipeline (no changes)	Injection Well Facilities with 2021 Changes	CalAm Distribution System Extraction Wells (no changes)	CalAm Distribution System Conveyance Pipelines (no changes)	Proposed Modifications Overall (no changes)	Mitigation Measure Number, Name, and Applicability	Notes about 2021 Changes to the Injection Well Facilities
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sufficient to serve this construction-related demand. No new or expanded water supply sources are warranted.								remain the same as in the 2020 Final SEIR.
WW-2: Construction-Related Wastewater Generation. The Proposed Modifications would result in a temporary increase in wastewater generation due to demand from construction workers, but existing wastewater treatment facilities have sufficient capacity to serve construction-related demands.	LS	LS	LS	LS	LS	LS	None required.	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. These impact conclusions remain the same as in the 2020 Final SEIR.
WW-3: Operational Water Supply. Sufficient water supplies are available for operation of the Proposed Modifications.	LS	LS	LS	LS	LS	LS	None required.	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. These impact conclusions remain the same as in the 2020 Final SEIR.
WW-4: Operational Wastewater Treatment Capacity. Operation of the Proposed Modifications would not result in a determination by the wastewater treatment provider that would serve the project that it has inadequate capacity to serve the Proposed Modifications' projected demand in addition to M1W's existing commitments.	LS	LS	LS	LS	LS	LS	None required.	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. These impact conclusions remain the same as in the 2020 Final SEIR.

Table 1. Summary of Impacts and Mitigation Measures

Impact Statement	Advanced Water Purification Facility (no changes)	Product Water Conveyance Pipeline (no changes)	Injection Well Facilities with 2021 Changes	CalAm Distribution System Extraction Wells (no changes)	CalAm Distribution System Conveyance Pipelines (no changes)	Proposed Modifications Overall (no changes)	Mitigation Measure Number, Name, and Applicability	Notes about 2021 Changes to the Injection Well Facilities
KEY TO ACRONYMS: NI – No Impact; LS – Less than Significant; LSM – Less than Significant with Mitigation; SU – Significant and Unavoidable; BI- Beneficial Impact								
WW-5: Operational Need for New Water or Wastewater Treatment Facilities or Expansion. Operation of the Proposed Modifications would not result in the construction of new water or wastewater treatment facilities or the expansion of existing facilities beyond those evaluated in this Supplemental Draft EIR.	LS	LS	LS	LS	LS	LS	None required.	The 2021 Changes to Injection Well Facilities would not worsen the severity of this impact. These impact conclusions remain the same as in the 2020 Final SEIR.

Table 2. Summary of Cumulative Impacts and Mitigation Measures (no changes, See Note A)

	Topical Section/ Cumulative Impact Issue		Determination of Significance and Discussion of Contribution of the Proposed Modifications to Cumulative Impacts (if applicable)
4.2	Aesthetics		LS: The Project Modifications would not cause the Project to make a cumulatively considerable contribution to significant cumulative construction or operational aesthetic impacts.
4.3	Air Quality and Greenhouse Gas		LSM: The Proposed Modifications would potentially make a considerable contribution to significant cumulative regional emissions of PM_{10}; however, with implementation of Mitigation Measure AQ-1, the impact would be reduced to less than significant.
4.4	Biological Resources: Fisheries		NI: The Proposed Modifications would make no contribution to a cumulative impact on fishery biological resources.
4.5	Biological Resources: Terrestrial		LS: The Proposed Modifications would not cause the Project to make a considerable contribution to significant cumulative impacts to terrestrial biological resources.
4.6	Cultural and Paleontological Resources		LS: The Project Modifications would not cause the Project to make a cumulatively considerable contribution to cumulative construction or operational cultural resources impacts.
4.7	Energy		LS: The Proposed Modifications would not cause the Project to make a cumulatively considerable contribution to a cumulative impact to energy resources.
4.8	Geology, Soils, and Seismicity		LS: The Proposed Modifications would not cause the Project to make a cumulatively considerable contribution to construction or operational cumulative geology, seismicity or soils impacts.
4.9	Hazards and Hazardous Materials		LS: The Project Modifications would not cause the Project to make a cumulatively considerable contribution to construction or operational cumulative impacts related to hazards or hazardous materials.
4.10	Hydrology/Water Quality: Groundwater		LS: The Proposed Modifications would not cause the Project to make a cumulatively considerable contribution to cumulative impacts to hydrology and water quality of groundwater resources.
4.11	Hydrology/Water Quality: Surface Water	nland Surface Waters	LS: The Project Modifications would not cause the Project to make a cumulatively considerable contribution to cumulative construction or operational impacts to hydrology or water quality of inland surface waters.
		Marine Surface Waters	LS: The Project Modifications would not cause the Project to make a cumulatively considerable contribution to cumulative construction or operational impacts to hydrology or water quality of marine waters.
4.12	Land Use		LS: The Proposed Modifications would not cause the Project to make a cumulatively considerable contribution to a cumulative land use impact.
4.13	Marine Biological Resources		LS: The Proposed Modifications would not cause the Project to make a cumulatively considerable contribution to cumulative impacts to marine biological resources.
4.14	Noise and Vibration		LS: The Project Modifications would not cause the Project to make a cumulatively considerable contribution to construction or operational cumulative noise and vibration impacts.
4.15	Population and Housing		LS: The Proposed Modifications would not cause the Project to make a considerable contribution to significant cumulative impacts related to population and housing
4.16	Public Services, Recreation, and Utilities		LS: The Proposed Modifications would not cause the Project to make a cumulatively considerable contribution to cumulative impacts related to schools, parks, recreational facilities or other public services and utilities (fire and police protection, solid waste).
4.17	Traffic and Transportation		LS: The Proposed Modifications would not cause the Project to make a cumulatively considerable contribution to significant cumulative traffic and transportation impact.
4.18	Water Supply and Wastewater Systems		LS: The Proposed Modifications would not cause the project as a whole to contribute to a new significant cumulative impact or substantially increase the severity of the project's contribution to a significant cumulative impact on water supply or wastewater system

Note A: No changes to the conclusions of the cumulative impacts analysis would occur due to the 2021 Changes to the Injection Well Facilities. Because the 2021 Changes to the Injection Well Facilities do not increase the extent or intensity of any construction or operational activities there would be no increase to the severity of any cumulative impacts nor would there be any new cumulative impacts as described in the discussions in sections 4.1 through 4.17, above. As described above, the 2021 Changes to Injection Well Facilities would not result in any new significant cumulative impacts or worsen the severity of any significant cumulative impacts previously identified in the 2020 Final SEIR.

Exhibit B

Exhibit B
to Resolution 2021-05

MITIGATION MONITORING AND REPORTING PROGRAM

for the Proposed Modifications to the Pure Water Monterey Groundwater Replenishment Project:

(April 12, 2021)

INTRODUCTION

Section 21081.6 of the California Public Resources Code and Section 15091(d) and Section 15097 of the California Environmental Quality Act (CEQA) Guidelines require public agencies "to adopt a reporting or monitoring program for changes to the project which it has adopted or made a condition of project approval in order to mitigate or avoid significant effects on the environment." This Mitigation Monitoring and Reporting Program (MMRP) has been prepared for the Proposed Modifications to the Pure Water Monterey Groundwater Replenishment Project (Proposed Modifications). This MMRP is based on the mitigation measures included in the Final Supplemental Environmental Impact Report for the Proposed Modifications (Final SEIR).

This MMRP includes only the mitigation measures, monitoring and reporting requirements identified in the Final SEIR for the Proposed Modifications, and it does not include mitigation measures identified for the original Pure Water Monterey Groundwater Replenishment Project (PWM/GWR Project), which was approved on October 8, 2015 and analyzed in the PWM/GWR Project EIR.

For a complete list of acronyms used in this document, please refer to the acronym list in the Draft SEIR on pages x through xi.

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Impacts	Mitigation Measures	Applicable Components	Timing of Implementation	Implementation Responsibility[1]	Timing of Monitoring	Responsibility for Compliance Monitoring[1]
Impact AE-2: Construction Impacts due to Temporary Light and Glare	**Mitigation Measure AE-2**: **Minimize Construction Nighttime Lighting**. As part of its contract specifications, CalAm and M1W shall require its construction contractors to implement site-specific nighttime construction lighting measures for nighttime construction at the Injection Well Facilities, Extraction Wells, and Conveyance Pipelines. The measures shall, at a minimum, require that lighting be shielded, directed downward onto work areas to minimize light spillover, and specify that construction lighting use the minimum wattage necessary to provide safety at the construction sites. M1W shall ensure these measures are implemented at all times during nighttime construction.	CalAm Extraction Wells and Conveyance Pipelines	In contract specifications and during project construction	M1W, CalAm, construction contractors	During project construction	M1W and CalAm
Impact AE-3: Degradation of Visual Quality of Sites and Surrounding Areas	**Mitigation Measure AE-3: Provide Aesthetic Screening for New Above-Ground Structures.** The aboveground features at the proposed CalAm Extraction Wells, shall be designed to minimize visual impacts by incorporating screening with vegetation, or other aesthetic design treatments, subject to review and approval of the City of Seaside, which has also requested that the buildings be designed with Monterey/Mission style architecture to match the design of the structures that have been built on the Santa Margarita ASR site and the Seaside Middle School ASR Site. All pipelines placed within the City of Seaside on General Jim Moore Boulevard shall be placed underground. CalAm shall coordinate with the City of Seaside on the location of Extraction Wells. Use of standard, commercial-grade, chain link fencing and barbed wire should be discouraged.	CalAm Extraction Wells	Prior to City of Seaside and City of Marina issuance of grading, easements/ ROW permits	M1W project engineers and contractors	During project construction	M1W; Cities of Seaside and Marina (public works directors)
Impact AE-4: Impacts due to Permanent Light and Glare during Operations	**Mitigation Measure AE-4**: **Exterior Lighting Minimization.** To prevent exterior lighting from affecting nighttime views, the design and operation of lighting at the Injection Well Facilities and CalAm Extraction Wells, shall adhere to the following requirements: • Use of low-intensity street lighting and low-intensity exterior lighting shall be required. • Lighting fixtures shall be cast downward and shielded to prevent light from spilling onto adjacent offsite uses. • Lighting fixtures shall be designed and placed to minimize glare that could affect users of adjacent properties, buildings, and roadways. • Fixtures and standards shall conform to state and local safety and illumination requirements.	Injection Well Facilities and CalAm Extraction Wells	Prior to City of Seaside and Marina issuance of grading and easements/ ROW permits	M1W project engineers and contractors	During project operation	M1W; Cities of Seaside and Marina (public works directors)
Impact AQ-1: Construction Criteria Pollutant Emissions	**Mitigation Measure AQ-1**: **Construction Fugitive Dust Control Plan.** The following standard Dust Control Measures shall be implemented during construction to help prevent potential nuisances to nearby receptors due to fugitive dust and to reduce contributions to exceedances of the state ambient air quality standards for PM_{10}, in accordance with MBARD's CEQA Guidelines. a. Water all active construction areas as required with non-potable sources to the extent feasible; frequency should be based on the type of operation, soil, and wind exposure and minimized to prevent wasteful use of water. b. Prohibit grading activities during periods of high wind (over 15 mph). c. Cover all trucks hauling soil, sand, and other loose materials and require trucks to maintain at least 2 feet of freeboard. d. Sweep daily (with water sweepers) all paved access roads, parking areas, and staging areas at construction sites. e. Sweep streets daily (with water sweepers) if visible soil material is carried onto adjacent public streets. f. Enclose, cover, or water daily exposed stockpiles (dirt, sand, etc.). g. Replant vegetation in disturbed areas as quickly as possible. h. Wheel washers shall be installed and used by truck operators at the exits of the construction sites to the Advanced Water Purification Facility site, and the Injection Well Facilities. i. Post a publicly visible sign that specifies the telephone number and person to contact regarding dust complaints. This person shall respond to complaints and take corrective action within 48 hours. The phone number of the MBARD shall also be visible to ensure compliance with MBARD rules. j. Per Monterey Bay Air Resources District recommendations, when feasible, the project shall use construction and tree remover equipment that conforms to ARB's Tier 3 or Tier 4 emission standards or construction equipment that uses alternative fuels such as	All Proposed Modifications	During project construction	M1W, CalAm project engineers and contractors	During project construction	M1W, CalAm, and MBARD

[1] CalAm Extraction Wells and Conveyance Pipelines and the associated mitigation measures would be the responsibility of CalAm to implement and the local jurisdictions and/or the California Public Utilities Commission to monitor.

Impacts	Mitigation Measures	Applicable Components	Timing of Implementation	Implementation Responsibility[1]	Timing of Monitoring	Responsibility for Compliance Monitoring[1]
	compressed natural gas (CNG), propane, electricity or biodiesel to reduce diesel exhaust emissions.					
Impact BT-1: Construction Impacts to Special-Status Species and Habitat	**Mitigation Measure BT-1a: Implement Construction Best Management Practices**. The following best management practices shall be implemented during all identified phases of construction (i.e., pre-, during, and post-) to reduce impacts to special-status plant and wildlife species: 1. A qualified biologist must conduct an Employee Education Program for the construction crew prior to any construction activities. A qualified biologist must meet with the construction crew at the onset of construction at the site to educate the construction crew on the following: 1) the appropriate access route(s) in and out of the construction area and review project boundaries; 2) how a biological monitor will examine the area and agree upon a method which would ensure the safety of the monitor during such activities, 3) the special-status species that may be present; 4) the specific mitigation measures that will be incorporated into the construction effort; 5) the general provisions and protections afforded by the USFWS and CDFW; and 6) the proper procedures if a special-status species is encountered within the site. 2. Trees and vegetation not planned for removal or trimming shall be protected prior to and during construction to the maximum extent possible through the use of exclusionary fencing, such as hay bales for herbaceous and shrubby vegetation, and protective wood barriers for trees. Only certified weed-free straw shall be used, to avoid the introduction of non-native, invasive species. A biological monitor shall supervise the installation of protective fencing and monitor at least once per week until construction is complete to ensure that the protective fencing remains intact. 3. Protective fencing shall be placed prior to and during construction to keep construction equipment and personnel from impacting vegetation outside of work limits. A biological monitor shall supervise the installation of protective fencing and monitor at least once per week until construction is complete to ensure that the protective fencing remains intact. 4. Following construction, disturbed areas shall be restored to pre-construction contours to the maximum extent possible and revegetated using locally-occurring native species and native erosion control seed mix, per the recommendations of a qualified biologist. 5. Grading, excavating, and other activities that involve substantial soil disturbance shall be planned and carried out in consultation with a qualified hydrologist, engineer, or erosion control specialist, and shall utilize standard erosion control techniques to minimize erosion and sedimentation to native vegetation (pre-, during, and post-construction). 6. No firearms shall be allowed on the construction sites at any time. 7. All food-related and other trash shall be disposed of in closed containers and removed from the project area at least once a week during the construction period, or more often if trash is attracting avian or mammalian predators. Construction personnel shall not feed or otherwise attract wildlife to the area. 8. To protect against spills and fluids leaking from equipment, the project proponent shall require that the construction contractor maintains an on-site spill plan and on-site spill containment measures that can be easily accessed. 9. Refueling or maintaining vehicles and equipment should only occur within a specified staging area that is at least 100 feet from a waterbody (including riparian and wetland habitat) and that has sufficient management measures that will prevent fluids or other construction materials including water from being transported into waters of the state. Measures shall include confined concrete washout areas, straw wattles placed around stockpiled materials and plastic sheets to cover materials from becoming airborne or otherwise transported due to wind or rain into surface waters. 10. The project proponent and/or its contractors shall coordinate with the City of Seaside on the location the Expanded Injection Well Area and the removal of sensitive biotic material.	All Proposed Modifications, except the Advanced Water Purification Facility	Prior to, during and after project construction	M1W, CalAm, construction contractors and qualified biologist	Prior to and during project construction	M1W, CalAm, qualified biologist and construction biological monitor; City of Seaside for Injection Well Facilities
Impact BT-1: Construction Impacts to Special-Status	**Mitigation Measure BT-1b: Implement Construction-Phase Monitoring.** The project proponents shall retain a qualified biologist to monitor all ground disturbing construction activities (i.e., vegetation removal, grading, excavation, or similar activities) to protect any special-status species encountered. Any handling and relocation protocols of special-status wildlife species shall be determined in coordination with CDFW prior to any ground disturbing activities and conducted by a qualified biologist with appropriate scientific collection permit. After	All Proposed Modifications, except the Advanced Water Purification Facility	Prior to and during project construction	M1W, qualified biologists	Prior to and during project construction	M1W qualified biologist and construction biological

Impacts	Mitigation Measures	Applicable Components	Timing of Implementation	Implementation Responsibility[1]	Timing of Monitoring	Responsibility for Compliance Monitoring[1]
Species and Habitat (continued)	ground disturbing project activities are complete, the qualified biologist shall train an individual from the construction crew to act as the on-site construction biological monitor. The construction biological monitor shall be the contact for any specialstatus wildlife species encounters, shall conduct daily inspections of equipment and materials stored on site and any holes or trenches prior to the commencement of work, and shall ensure that all installed fencing stays in place throughout the construction period. The qualified biologist shall then conduct regular scheduled and unscheduled visits to ensure the construction biological monitor is satisfactorily implementing all appropriate mitigation protocols. Both the qualified biologist and the construction biological monitor shall have the authority to stop and/or redirect project activities to ensure protection of resources and compliance with all environmental permits and conditions of the project. The qualified biologist and the construction monitor shall complete a daily log summarizing activities and environmental compliance throughout the duration of the project. The log shall also include any special-status wildlife species observed and relocated.					monitor; CDFW
	Mitigation Measure BT-1c: Implement Non-Native, Invasive Species Controls. The following measures shall be implemented to reduce the introduction and spread of non-native, invasive species: 1. Any landscaping or replanting required for the project shall not use species listed as noxious by the California Department of Food and Agriculture (CDFA). 2. Bare and disturbed soil shall be landscaped with CDFA recommended seed mix or plantings from locally adopted species to preclude the invasion on noxious weeds in the Biological Study Area. 3. Construction equipment shall be cleaned of mud or other debris that may contain invasive plants and/or seeds and inspected to reduce the potential of spreading noxious weeds, before mobilizing to arrive at the construction site and before leaving the construction site. 4. All non-native, invasive plant species shall be removed from disturbed areas prior to replanting.	All Proposed Modifications, except the Advanced Water Purification Facility	During project construction	Construction contactors	During project construction	M1W qualified biologist and construction biological monitor

Impacts	Mitigation Measures	Applicable Components	Timing of Implementation	Implementation Responsibility[1]	Timing of Monitoring	Responsibility for Compliance Monitoring[1]
Impact BT-1: Construction Impacts to Special-Status Species and Habitat (continued)	**Mitigation Measure BT-1d: Conduct Pre-Construction Surveys for California Legless Lizard.** The project proponents shall retain a qualified biologist to prepare and implement a legless lizard management plan in coordination with CDFW, which shall include, but is not limited to, the protocols for pre-construction surveys, construction monitoring, and salvage and relocation. The management plan shall include, but is not limited to, the following: • Pre-Construction Surveys. Pre-construction surveys for legless lizards shall be conducted in all suitable habitat proposed for construction, ground disturbance, or staging. The qualified biologist shall hold or obtain a CDFW scientific collection permit for this species. The pre-construction surveys shall use a method called "high-grading." The high grading method shall include surveying the habitat where legless lizards are most likely to be found, and the survey must occur under the conditions when legless lizards are most likely to be seen and captured (early morning, high soil moisture, overcast, etc.). The intensity of a continued search may then be adjusted, based on the results of the first survey in the best habitat. • A "three pass method" shall be used to locate and remove as many legless lizards as possible. A first pass shall locate as many legless lizards as possible, a second pass should locate fewer lizards than the first pass, and a third pass should locate fewer lizards than the second pass. All search passes shall be conducted in the early morning when legless lizards are easiest to capture. Vegetation may be removed by hand to facilitate hand raking and search efforts for legless lizards in the soil under brush. If lizards are found during the first pass, an overnight period of no soil disturbance must occur before the second pass, and the same requirement shall be implemented after the second pass. If no lizards are found during the second pass, a third pass is not required. Installation of a barrier, in accordance with the three-pass method, shall be required if legless lizards are found at the limits of construction (project boundaries) and sufficient soft sand and vegetative cover are present to suspect additional lizards are in the immediate vicinity on the adjacent property. A barrier shall prevent movement of legless lizards into the property. All lizards discovered shall be handled according to the salvage procedures outlined below. • Construction Monitoring. Monitoring by a qualified biologist shall be ongoing during construction. The onsite monitor shall be present during all ground-disturbing construction activities. To facilitate the careful search for lizards during construction, vegetation may need to be removed. If removal by hand is impractical, equipment such as a chainsaw, string trimmer, or skid-steer may be used, if a monitor and crew are present. The task of the vegetation removal is to remove plants under the direction of the monitor, allowing the monitor to watch for legless lizards. After plants are removed, the monitor and crew shall search the exposed area for legless lizards. If legless lizards are found during pre-construction surveys or construction monitoring, the protocols for salvage and relocation identified below shall be followed. Upon completion of pre-construction surveys, construction monitoring, and any resulting salvage and relocation actions, a report shall be submitted to the CDFW. The CDFW must be notified at least 48 hours before any field activity begins. • Salvage and Relocation. Only experienced persons may capture or handle legless lizards. The monitor must demonstrate a basic understanding, knowledge, skill, and experience with this species and its habitat. Once captured, a lizard shall be placed in a lidded, vented box containing clean sand. Areas of moist and dry sand need to be present in the box. The boxes must be kept out of direct sunlight and protected from temperatures over 72°F. The sand must be kept at temperatures under 66°F. Ideal temperatures are closer to 60°F. On the same day as capture, the lizards shall be examined for injury and data recorded on location where found as well as length, color, age, and tail condition. Once data is recorded, lizards shall be relocated to appropriate habitat, as determined through coordination with the CDFW, qualified biologist, and potential landowners. • Suitability of habitat for lizard release must be evaluated and presented in a management plan. The habitat must contain habitat factors most important to the health and survival of the species such as appropriate habitat based on soils, vegetated cover, native plant species providing cover, plant litter layer and depth, soil and ambient temperature, quality and composition of invertebrate population and prey availability. Potential relocation sites that contain the necessary conditions may exist within the habitat reserves on the former Fort Ord, including the Fort Ord National Monument. Lizards shall be marked with a unique tag (pit or tattoo) prior to release. Release for every lizard shall be recorded with GPS. GPS locations shall be submitted as part of the survey result report to document the number and locations of lizards relocated.	Product Water Conveyance Pipelines, Injection Well Facilities, and Extraction Wells	Prior to and during project construction	M1W, qualified biologist	Prior to and during project construction	M1W, qualified biologist

Impacts	Mitigation Measures	Applicable Components	Timing of Implementation	Implementation Responsibility[1]	Timing of Monitoring	Responsibility for Compliance Monitoring[1]
	Mitigation Measure BT-1e: Prepare and Implement Rare Plant Restoration Plan to Mitigate Impacts to Kellogg's Horkelia. Impacts to rare plant species individuals shall be avoided through project design and modification, to the extent feasible while taking into consideration other site and engineering constraints. If avoidance is not possible, the species shall be replaced at a 1:1 ratio for area of impact through preservation, restoration, or combination of both. A Rare Plant Restoration Plan, approved by the Lead Agency prior to commencing construction on the component site upon which the rare plant species would be impacted, shall be prepared and implemented by a qualified biologist. The plan shall include, but is not limited to, the following: a. A detailed description of on-site and/or off-site mitigation areas, salvage of seed and/or soil bank, plant salvage, seeding and planting specifications, including, if appropriate, increased planting ratio to ensure the applicable success ratio. Specifically, seed shall be collected from the on-site individuals that would be impacted and grown in a local greenhouse, and then transplanted within the mitigation area. Plants shall be transplanted while they are young seedlings in order to develop a good root system. Alternatively, the mitigation area may be broadcast seeded in fall; however, if this method is used, some seed shall be retained in the event that the seeding fails to produce viable plants and contingency measures need to be employed. b. A description of a 3-year monitoring program, including specific methods of vegetation monitoring, data collection and analysis, restoration goals and objectives, success criteria, adaptive management if the criteria are not met, reporting protocols, and a funding mechanism. The mitigation area shall be preserved in perpetuity through a conservation easement or other legally enforceable land preservation agreement. Exclusionary fencing shall be installed around the mitigation area to prevent disturbance until success criteria have been met.	Product Water Conveyance Pipeline and Injection Well Facilities	Prior to project construction	Project engineers, project biologist, M1W	For 3 years upon completion of construction	M1W qualified biologist
Impact BT-1: Construction Impacts to Special-Status Species and Habitat (continued)	**Mitigation Measure BT-1f: Conduct Pre-Construction Protocol-Level Botanical Surveys within the remaining portion of the Biological Study Area.** The project proponents shall retain a qualified biologist to conduct protocol-level surveys for special-status plant species within the Biological Study Area not yet surveyed. Protocol-level surveys shall be conducted by a qualified biologist at the appropriate time of year for species with the potential to occur within the site. A report describing the results of the surveys shall be provided to the project proponents prior to any ground disturbing activities. The report shall include but is not limited to 1) a description of the species observed, if any; 2) map of the location, if observed; and 3) recommended avoidance and minimization measures, if applicable. The avoidance and minimization measures shall include, but are not limited to, the following: • Impacts to species individuals shall be avoided through project design and modification, to the extent feasible while taking into consideration other site and engineering constraints. • If impacts to State listed plant species cannot be avoided, the project proponents shall comply with the CESA and consult with the CDFW to determine whether authorization for the incidental take of the species is required prior to commencing construction. If it is determined that authorization for incidental take is required from the CDFW, the project proponents shall comply with the CESA to obtain an incidental take permit prior to commencing construction on the site upon which State listed plant species could be taken. Permit requirements typically involve preparation and implementation of a mitigation plan and mitigating impacted habitat at a 3:1 ratio through preservation and/or restoration. At a minimum, the impacted plant species shall be replaced at a 1:1 ratio through preservation and/or restoration, as described below. The project proponents shall retain a qualified biologist to prepare a mitigation plan, which shall include, but is not limited to identifying; avoidance and minimization measures; mitigation strategy, including a take assessment, avoidance and minimization measures, compensatory mitigation lands, and success criteria; and funding assurances. The project proponents shall be required to implement the approved plan and any additional permit requirements. • If impacts to non-State listed, special-status plant species cannot be avoided, the species shall be replaced at a 1:1 ratio for acreage and/or individuals impacted through preservation, restoration, or combination of both. A Rare Plant Restoration Plan, approved by the project proponents prior to commencing of construction on the site upon which the rare plant would be impacted, shall be prepared and implemented by a qualified biologist. The plan shall include, but is not limited to, the following: • A detailed description of on-site and/or off-site mitigation areas, salvage of seed and/or soil bank, plant salvage, seeding and planting specifications, including, if appropriate, increased planting ratio to ensure the applicable success ratio. Specifically, seed shall be collected from the on-site individuals that will be impacted and grown in a local greenhouse, and then transplanted within the mitigation	All Proposed Modifications, except the Advanced Water Purification Facility	Prior to project construction	M1W, qualified biologist	During construction and 3 years following completion of construction	M1W qualified biologist

Impacts	Mitigation Measures	Applicable Components	Timing of Implementation	Implementation Responsibility[1]	Timing of Monitoring	Responsibility for Compliance Monitoring[1]
	area. Plants shall be transplanted while they are young seedlings in order to develop a good root system. Alternatively, the mitigation area may be broadcast seeded in fall; however, if this method is used, some seed shall be retained in the event that the seeding fails to produce viable plants and contingency measures need to be employed. • A description of a three-year monitoring program, including specific methods of vegetation monitoring, data collection and analysis, restoration goals and objectives, success criteria, adaptive management if the criteria are not met, reporting protocols, and a funding mechanism. • The mitigation area shall be preserved in perpetuity through a conservation easement or other legally enforceable land preservation agreement. Exclusionary fencing shall be installed around the mitigation area to prevent disturbance until success criteria have been met.					
Impact BT-1: Construction Impacts to Special-Status Species and Habitat (continued)	**Mitigation Measure BT-1h: Implementation of Mitigation Measures BT-1a and BT-1b to Mitigate Impacts to the Monterey Ornate Shrew, Coast Horned Lizard, Coast Range Newt, Two-Striped Garter Snake, and Salinas Harvest Mouse.** If these species are encountered, implementation of Mitigation Measures BT-1a and BT-1b, which avoid and minimize impacts through implementing construction best management practices and monitoring, would reduce potential impacts to these species to a less-than-significant level.	Injection Well Facilities and Extraction Wells	Prior to and during project construction	M1W contractors and qualified biologists	Prior to and during project construction	M1W qualified biologist
	Mitigation Measure BT-1i: Conduct Pre-Construction Surveys for Monterey Dusky- Footed Woodrat. To avoid and reduce impacts to the Monterey dusky-footed woodrat, the project proponents shall retain a qualified biologist to conduct pre-construction surveys in suitable habitat proposed for construction, ground disturbance, or staging within three days prior to construction for woodrat nests within the project area and in a buffer zone 100 feet out from the limit of disturbance. All woodrat nests shall be flagged for avoidance of direct construction impacts and protection during construction, where feasible. Nests that cannot be avoided shall be manually deconstructed prior to land clearing activities to allow animals to escape harm. If a litter of young is found or suspected, nest material shall be replaced, and the nest left alone for two to three weeks before a re-check to verify that young are capable of independent survival before proceeding with nest dismantling. The following specific requirements of MPWSP Final EIR/EIS (MMs 4.6-1k) shall also be required. If woodrat nests are found during the preconstruction surveys, the wildlife biologist shall conduct additional surveys throughout the duration of construction activities at the potentially affected facility site to identify any newly constructed woodrat nests. If nests are observed outside of the construction area, the qualified biologist shall demarcate a minimum 50-foot buffer area with orange construction fencing and require that all construction activities and disturbance remain outside of the fencing. Active woodrat nests located within the anticipated construction disturbance areas shall be relocated. Nests shall be relocated outside of the peak breeding season, (peak breeding season is typically February through November) to minimize disturbance to young woodrats. Protocol for relocation of woodrats and/or their nests by qualified biologists shall be followed, as described below: a. Clear understory vegetation from around the nest using hand tools. b. After all vegetative cover has been cleared around the nest, the biologist shall gently disturb the nest to encourage the woodrat(s) to abandon the nest and seek cover in adjacent habitat. c. Once the woodrats have left the nest, the biologist shall carefully relocate the nest sticks to suitable habitat outside of the construction disturbance area, piling the sticks at the base of trees or large shrubs if available. If multiple nests are relocated, the stick piles shall be placed at least 25 feet from one another. d. The qualified biologist shall ensure potential health hazards to the biologists moving nests are addressed to minimize the risk of contracting diseases associated with woodrats and woodrat nests. e. If young are encountered during dismantling of the nest, nest material shall be replaced and a 50-foot no- disturbance buffer shall be established around the active nest. The buffer shall remain in place until young have matured enough to disperse on their own accord and the nest is no longer active. Nesting substrate shall then be collected and relocated to suitable oak woodland habitat outside of the project area.	Injection Well Facilities and Extraction Wells	Prior to project construction	M1W contractors and qualified biologists	Prior to project construction	M1W qualified biologist

Impacts	Mitigation Measures	Applicable Components	Timing of Implementation	Implementation Responsibility[1]	Timing of Monitoring	Responsibility for Compliance Monitoring[1]
Impact BT-1: Construction Impacts to Special-Status Species and Habitat (continued)	**Mitigation Measure BT-1j: Conduct Pre-Construction Surveys for American Badger.** To avoid and reduce impacts to the American badger, the project proponents shall retain a qualified biologist to conduct focused pre-construction surveys for badger dens in all suitable habitat proposed for construction, ground disturbance, or staging no more than two weeks prior to construction. Surveys shall be conducted wherever suitable habitat exist within 100 feet of the project area boundary. Vegetation communities in the project area include non-native grasslands. Along pipeline alignments, surveys shall be phased to occur within 14 days prior to disturbance along that portion of the alignment. Game cameras shall be used to record any movements at potentially active dens for no less than three (3) nights. If no potential badger dens are present, no further mitigation is required. If potential dens are observed, the following measures are required to avoid potential significant impacts to the American badger: 1. If the qualified biologist determines that potential dens are inactive, the biologist shall excavate these dens by hand with a shovel to prevent badgers from re-using them during construction. 2. If the qualified biologist determines that potential dens may be active, the den shall be monitored for a period sufficient (as determined by a qualified biologist) to determine if the den is a maternity den occupied by a female and her young, or if the den is occupied by a solitary badger. 3. Maternity dens occupied by a female and her young shall be avoided during construction and a minimum buffer of 200 feet in which no construction activities shall occur shall be maintained around the den. After the qualified biologist determines that badgers have stopped using active dens within the project boundary, the dens shall be hand-excavated with a shovel to prevent re-use during construction. 4. Solitary male or female badgers shall be passively relocated by blocking the entrances of the dens with soil, sticks, and debris for three to five days to discourage the use of these dens prior to project construction disturbance. The den entrances shall be blocked to an incrementally greater degree over the three to five-day period. After the qualified biologist determines that badgers have stopped using active dens within the project boundary, the dens shall be hand-excavated with a shovel to prevent re-use during construction. The following applicable requirements of MPWSP Final EIR/EIS (MM 4.6-1j), Item 6, shall also be required. If active badger dens are found during the course of preconstruction surveys, the following measures shall be taken to avoid and minimize adverse effects on American badger: a. Relocation shall be prohibited during the badger pupping season (typically February 15 to June 1). b. Construction activities shall not occur within 50 feet of active badger dens observed outside of the project area. c. The qualified biologist shall contact CDFW immediately if natal badger dens are detected. The 200-foot buffer area identified in 3) above, may be reduced, if approved by CDFW, and if construction would not alter the behavior of the adult or young in a way that would cause injury or death to those individuals. d. If the biologist determines that potential dens within the project area, and outside the breeding season, may be active, the biologist shall notify the CDFW.	Injection Well Facilities and Extraction Wells	Prior to project construction	M1W construction contractors and qualified biologists	Prior to project construction	M1W qualified biologist
	Mitigation Measure BT-1k: Conduct Pre-Construction Surveys for Protected Avian Species, including, but not limited to, white-tailed kite and California horned lark. Prior to the start of construction activities at each project component site, a qualified biologist shall conduct pre-construction surveys for active nests. Pre-construction surveys shall be conducted no more than 10 days prior to the start of ground disturbance to maximize the probability that nests that could potentially be impacted are detected. Surveys shall cover a sufficient area around the work site to identify nests and determine their status. A sufficient area means any area potentially affected (including direct impacts (i.e., nest destruction), noise, vibration, and movement of workers or equipment) by the project. 1. No preconstruction surveys or avoidance measures are required for construction activities that would be completed entirely during the non-nesting season (September 16 to January 31). 2. For all construction activities scheduled to occur during the nesting season (February 1 to September 15), the qualified biologist shall conduct a preconstruction avian nesting survey no more than 10 days prior to the start of staging, site clearing, and/or ground disturbance. 3. Because some bird species nest early in spring and others nest later in summer, surveys for nesting birds may be required to continue	All Proposed Modifications, except the Advanced Water Purification Facility	Prior to project construction and if found establish and comply with no-disturbance buffer	M1W, CalAm, construction contractors, and qualified biologists	Prior to project construction	M1W, CalAm, qualified biologist(s), USFWS

Impacts	Mitigation Measures	Applicable Components	Timing of Implementation	Implementation Responsibility[1]	Timing of Monitoring	Responsibility for Compliance Monitoring[1]
	during construction to address new arrivals, and because some species breed multiple times in a season. The necessity and timing of these continued surveys shall be determined by the qualified biologist based on review of the final construction plans. 4. If there is a break of 10 days or more in construction activities during the breeding season, a new nesting bird survey shall be conducted before reinitiating construction. 5. The qualified biologist shall be capable of determining the species and nesting stage without causing intrusive disturbance. The surveys shall cover all potential nesting sites within 500 feet of the project area for raptors and within 300 feet for other birds. 6. If active nests are found in the project area or vicinity (500 feet for raptors and 300 feet for other birds), the nests shall be continuously surveyed for the first 24 hours prior to any construction related activities to establish a behavioral baseline and, once work commences, all nests shall be continuously monitored to detect any behavioral changes as a result of the project, if feasible. If behavioral changes are observed, . avoidance and minimization measures shall be applied to ensure that the construction activities do not cause the adult to abandon an active nest or young or change an adult's behavior so it could not care for an active nest or young. If continuous monitoring is not feasible, a no-disturbance buffer (at least 500 feet for raptors and 250 feet for other birds [or as otherwise determined in consultation with CDFW] shall be created around the active nests). These buffers will remain in place until the breeding season has ended or until a qualified biologist has determined that the birds have fledged and are no longer reliant upon the nest or parental care for survival. If the nest(s) are found in an area where ground disturbance is scheduled to occur, the project operator shall require that ground disturbance be delayed until after the birds have fledged. The buffer distance can be reduced with authorization from CDFW if construction activities would not cause an adult to abandon an active nest or young or change an adult's behavior so it could not care for an active nest or young.					
Impact BT-1: Construction Impacts to Special-Status Species and Habitat (continued)	**Mitigation Measure BT-1m: Minimize Effects of Nighttime Construction Lighting.** Nighttime construction lighting shall be focused and downward directed to preclude night illumination of the adjacent open space area.	Injection Well Facilities and Extraction Wells	During project construction	M1W and CalAm construction contractors	During project construction	M1W, CalAm, City of Seaside, City of Monterey
Impact BT-3: Construction Conflicts with Local Policies, Ordinances, or Approved Habitat Conservation Plan.	**Mitigation Measure BT-4. Fort Ord HMP Plant Species Salvage.** For impacts to the Fort Ord HMP plant species within the Biological Study Area that do not require take authorization from USFWS or CDFW, salvage efforts for these species shall be evaluated by a qualified biologist per the requirements of the Fort Ord HMP and Biological Opinion. A salvage plan shall be prepared and implemented by a qualified biologist, which shall include, but is not limited to: a description and evaluation of salvage opportunities and constraints; a description of the appropriate methods and protocols of salvage and relocation efforts; identification of relocation and restoration areas; and identification of qualified biologists approved to perform the salvage efforts, including the identification of any required collection permits from USFWS and/or CDFW. Where proposed, seed collection shall occur from plants within the Biological Study Area and topsoil shall be salvaged within occupied areas to be disturbed. Seeds shall be collected during the appropriate time of year for each species by qualified biologists. At the time of seed collection, a map shall also be prepared that identifies the specific locations of the plants for any future topsoil preservation efforts. The collected seeds shall be used to revegetate temporarily disturbed construction areas and reseeding and restoration efforts on- or off-site, as determined appropriate in the salvage plan.	Product Water Conveyance Pipeline, Expanded Injection Well Facilities, Extraction Wells, and CalAm Conveyance Pipelines	Prior to, during, and after construction	M1W Biologist	During, and after construction	M1W qualified biologist

Impacts	Mitigation Measures	Applicable Components	Timing of Implementation	Implementation Responsibility[1]	Timing of Monitoring	Responsibility for Compliance Monitoring[1]
Impact CR-1: Construction Impacts on Archaeological Resources or Human Remains	**Mitigation Measure CR-2b**: **Discovery of Archaeological Resources or Human Remains.** If archaeological resources or human remains are unexpectedly discovered during any construction, work shall be halted within 50 meters (±160 feet) of the find until it can be evaluated by a qualified professional archaeologist. If the find is determined to be significant, an archaeologist shall inspect the find within 24 hours of discovery. The archaeologist, in consultation with the project proponent and the appropriate Native American Representative, determine whether preservation in place is feasible. Consistent with CEQA Guidelines Section 15126.4(b)(3), this may be accomplished through planning construction to avoid the resource; incorporating the resource within open space; capping and covering the resource; or deeding the site into a permanent conservation easement. If avoidance is determined to be infeasible, a qualified archaeologist, in consultation with M1W and the appropriate Native American Representative, shall prepare and implement an Archaeological Research Design and Treatment Plan (ARDTP). Treatment of unique archaeological resources shall follow the applicable requirements of Public Resources Code Section 21083.2 and be implemented with the oversight and concurrence of the Lead Agency. Treatment for most resources would consist of (but would not be not limited to) sample excavation, artifact collection, site documentation, and historical research, with the aim to target the recovery of important scientific data contained in the portion(s) of the significant resource to be impacted by the project. The ARDTP shall include provisions for analysis of data in a regional context, reporting of results within a timely manner and subject to review and comments by the appropriate Native American representative before being finalized, curation of artifacts and data at a local facility acceptable to the appropriate Native American representative, and dissemination of final confidential reports to the appropriate Native American representative, the Northwest Information Center of the California Historical Resources Information System, the Lead Agency and interested professionals. The County Coroner shall be notified in accordance with provisions of Public Resources Code 5097.98-99 in the event human remains are found and the Native American Heritage Commission shall be notified in accordance with the provisions of Public Resources Code Sec. 5097 if the remains are determined to be of Native American origin.	All Proposed Modifications components	During project construction	M1W, CalAm, and qualified archaeologists	During project construction	M1W, CalAm, and qualified archaeologist
	Mitigation Measure CR-2c: **Native American Notification** Because of their continuing interest in potential discoveries during construction, all listed Native American Contacts shall be notified of any and all discoveries of archaeological resources in the project area.	All Proposed Modifications	During project construction	M1W, CalAm and qualified archaeologist	During project construction	M1W, CalAm and qualified archaeologist
Impact EN-1: Construction Impacts due to Temporary Energy Use	**Mitigation Measure EN-1**: **Construction Equipment Efficiency Plan.** M1W (for all components) or CalAm (for the CalAm Extraction Facilities and Distribution System) shall contract with a qualified professional (i.e., construction manager, planner or energy efficiency consultant) to prepare a Construction Equipment Efficiency Plan that identifies the specific measures that M1W or CalAm (and its construction contractors) will implement as part of project construction to increase the efficient use of construction equipment. Such measures shall include, but not necessarily be limited to: procedures to ensure that all construction equipment is properly tuned and maintained at all times; a commitment to utilize existing electricity sources where feasible rather than portable diesel-powered generators; consistent compliance with idling restrictions of the State; and identification of procedures (including the use of routing plans for haul trips) that will be followed to ensure that all materials and debris hauling is conducted in a fuel-efficient manner. Compliance with reduction of heavy equipment idling onsite to a maximum of 5 minutes per the California Air Resources Board requirement on Heavy Duty Diesel Vehicles shall be enforced by on-site construction monitors. More specifically, the plan will conform to Per California Code of Regulations Title 13, Motor Vehicles, section 2449(d)(3) Idling, which limits idling times of construction vehicles to no more than five minutes, thereby precluding unnecessary and wasteful consumption of fuel due to unproductive idling of construction equipment. Grading plans shall reference this requirement and a sign shall be posted on-site stating that construction workers need to shut off engines at or before five minutes of idling. The plan (including the use of routing plans for haul trips) shall be submitted to the permitting agency and/or lead agency (M1W or local jurisdictions responsible for individual permits) at least 20 days prior to the beginning of construction activities.	All Proposed Modification components	Prior to project construction	M1W, CalAm. energy efficiency expert, construction contractors	During project construction	M1W and CalAm
Impact LU-1: Operational Consistency with Plans, Policies, and	All other mitigation measures (see Table 4.12-4 in Section 4.12, Land Use, Agriculture, and Forest Resources).	All Proposed Modifications components	See other rows for specific timing of each mitigation measure	See other lines for responsibilities for each mitigation	See other rows for specific timing of each	See other rows for responsibilities for each mitigation measure

Impacts	Mitigation Measures	Applicable Components	Timing of Implementation	Implementation Responsibility[1]	Timing of Monitoring	Responsibility for Compliance Monitoring[1]
Regulations				measure	mitigation measure	
Impact NV-1: Construction Noise	**Mitigation Measure NV-1a: Drilling Contractor Noise Measures.** Contractor specifications shall include a requirement that drill rigs located within 700 feet of noise-sensitive receptors shall be equipped with noise reducing engine housings or other noise reducing technology and the line of sight between the drill rig and nearby sensitive receptors shall be blocked by portable acoustic barriers and/or shields to reduce noise levels such that drill rig noise levels are no more 75 dBA at 50 feet. This would reduce the nighttime noise level to less than 60 dBA Leq at the nearest residence. The contractor shall submit to the M1W and the Seaside Building Official, a "Well Construction Noise Control Plan" for review and approval. The plan shall identify all feasible noise control procedures that would be implemented during night-time construction activities. At a minimum, the plan shall specify the noise control treatments to achieve the specified above noise performance standard.	Expanded Injection Well Facilities, CalAm Extraction Wells	Prior to and during project construction	Construction contractors	During project construction	M1W, Seaside building official
	Mitigation Measure NV-1c: **Neighborhood Notice**. Residences and other sensitive receptors within 900 feet of a nighttime construction area shall be notified of the construction location and schedule in writing, at least two weeks prior to the commencement of construction activities. The notice shall also be posted along the proposed pipeline alignments, near the proposed facility sites, and at nearby recreational facilities. The contractor shall designate a noise disturbance coordinator who would be responsible for responding to complaints regarding construction noise. The coordinator shall determine the cause of the complaint and ensure that reasonable measures are implemented to correct the problem. A contact number for the noise disturbance coordinator shall be conspicuously placed on construction site fences and included in the construction schedule notification sent to nearby residences.	Expanded Injection Well Facilities, CalAm Extraction Wells	Prior to project construction	M1W, CalAm, construction contractor, noise disturbance coordinator	Prior to project construction	M1W and CalAm
	Mitigation Measure NV-1e: Additional Noise Controls for Nighttime Construction of Wells. The construction contractor(s) shall identify feasible noise controls for implementation during well drilling development activities within 500 feet of the Fitch Park military housing community. The construction contractor(s) shall locate all stationary noise-generating equipment as far as possible from nearby noise-sensitive receptors. Drill rigs within 500 feet of noise-sensitive receptors shall be equipped with noise-reducing engine housings or other noise-reducing technology. Additionally, acoustic barriers and/or enclosures shall be used with a goal of reducing noise from well drilling activities to 60 dBA Leq or less at residences. There are a number of options available to achieve this performance standard. Barrier blankets are available with a sound transmission class rating of 32, which can provide 16 to 40 dBA of sound transmission loss, depending on the frequency of the noise source (ENC, 2014). The realized sound transmission reduction of barrier blankets needs to be sufficient to achieve the performance standard of 60 dBA Leq or less at residences.	CalAm Extraction Wells	Prior to and during construction	CalAm, construction contractor, noise disturbance coordinator	During project construction	CalAm, MPWMD, and Seaside Building official working with the U.S. Army and Monterey Peninsula Unified School District
	Mitigation Measure NV-1f: Offsite Accommodations for Substantially Affected Nighttime Receptors near Wells. CalAm shall provide temporary hotel accommodations for all residences and any other nighttime sensitive receptors: 1. That would be exposed to 24-hour project construction activities and 2. Where nighttime construction noise would exceed 60 dBA with windows closed or 35 dBA with windows open, even with implementation of acoustic barriers and/or shielding measures. The accommodations shall be provided for the duration of 24-hour construction activities. CalAm shall provide accommodations reasonably similar to those of the impacted residents in terms of number of beds and amenities. If identified accommodations do not include typical residential kitchen facilities (e.g., cooktop, oven, full size refrigerator), then CalAm shall provide displaced individuals with a per diem allowance to offset costs of meals for the period of relocation.	CalAm Extraction Wells	During construction	CalAm, construction contractor, noise disturbance coordinator	Prior to project construction	CalAm, MPWMD, and/or Seaside Building official working with the U.S. Army and Monterey Peninsula Unified School District
Impact NV-2: Operational Noise	**Mitigation Measure NV-2: Stationary-Source Noise Controls.** CalAm shall retain an acoustical engineer to design stationary-source noise controls and ensure the applicable noise standards are met. At a minimum, all stationary noise sources at EW-3 and EW-4 shall be located within enclosed structures and with adequate noise control to maintain noise levels to no greater than 55 CNEL (or 48 dBA Leq assuming 24-hour per day operation), at the property lines of nearby residences. Once the stationary noise sources have been installed, the contractor(s) shall conduct a single long-term (24-hour) monitoring of noise levels to ensure that noise levels resulting from the operation of the well comply recommended noise limits.	EW-3 and EW-4	During project construction	M1W construction contractor	During project construction	CalAm and Seaside building officials (working with U.S. Army)

Impacts	Mitigation Measures	Applicable Components	Timing of Implementation	Implementation Responsibility[1]	Timing of Monitoring	Responsibility for Compliance Monitoring[1]
Impact PS-3: Construction Solid Waste Policies and Regulations	**Mitigation Measure PS-3**: **Construction Waste Reduction and Recycling Plan**. The construction contractor(s) shall prepare and implement a construction waste reduction and recycling plan identifying the types of construction debris generated and the manner in which those waste streams will be handled. In accordance with the California Integrated Waste Management Act of 1989, the plan shall emphasize source reduction measures, followed by recycling and composting methods, to ensure that construction and demolition waste generated is managed consistent with applicable statutes and regulations. In accordance with the California Green Building Standards Code and local regulations, the plan shall specify that all trees, stumps, rocks, and associated vegetation and soils, and 50% of all other nonhazardous construction and demolition waste, be diverted from landfill disposal. The plan shall be prepared in coordination with the Monterey Regional Waste Management District and be consistent with Monterey County's Integrated Waste Management Plan. Upon project completion, M1W and CalAm shall collect the receipts from the contractor(s) to document that the waste reduction, recycling, and diversion goals have been met.	All Proposed Modifications	Prior to, during, and after project construction	M1W and CalAm construction contractors	Upon project completion	M1W and CalAm
Impact TR-2: Construction-Related Traffic Delays, Safety and Access Limitations	**Mitigation Measure TR-2**: **Traffic Control and Safety Assurance Plan.** Prior to construction, MW1 and CalAm shall prepare and implement a traffic control plan for the roadways and intersections affected by the Product Water Conveyance Pipeline, Injection Well Facilities, and CalAm Conveyance Pipeline. The traffic control plan(s) shall comply with the affected jurisdiction's encroachment permit requirements and shall be based on detailed design plans. The plan shall include measures that would provide for continuity of vehicular, pedestrian, and bicyclist access; reduce the potential for traffic accidents; and ensure worker safety in construction zones. Where project construction activities could disrupt mobility and access for bicyclists and pedestrians, the plan shall include measures to ensure safe and convenient access would be maintained. The traffic control and safety assurance plan shall be developed on the basis of detailed design plans for the approved project. The plan shall include, but not necessarily be limited to, the elements listed below: ***General*** a. Develop circulation and detour plans to minimize impacts on local streets. As necessary, signage and/or flaggers shall be used to guide vehicles to detour routes and/or through the construction work areas. b. Implement a public information program to notify motorists, bicyclists, nearby residents, and adjacent businesses of the impending construction activities (e.g., media coverage, email notices, websites, etc.). Notices of the location(s) and timing of lane closures shall be published in local newspapers and on available websites to allow motorists to select alternative routes. ***Roadways*** c. Haul routes that minimize truck traffic on local roadways and residential streets shall be used to the extent feasible. d. Schedule truck trips outside of peak morning and evening commute hours to minimize adverse impacts on traffic flow. e. Limit lane closures during peak hours. Travel lane closures, when necessary, shall be managed such that one travel lane is kept open at all times to allow alternating traffic flow in both directions along affected two-lane roadways. In the City of Marina, one-way traffic shall be limited to a maximum of 5 minutes of traffic delay. f. Restore roads and streets to normal operation by covering trenches with steel plates outside of normal work hours or when work is not in progress. g. Comply with roadside safety protocols to reduce the risk of accidents. Provide "Road Work Ahead" warning signs and speed control (including signs informing drivers of state legislated double fines for speed infractions in a construction zone) to achieve required speed reductions for safe traffic flow through the work zone. Train construction personnel to apply appropriate safety measures as described in the plan. h. Provide flaggers in school areas at street crossings to manage traffic flow and maintain traffic safety during the school drop-off and pickup hours on days when pipeline installation would occur in designated school zones. i. Maintain access to private driveways. j. Coordinate with MST so the transit provider can temporarily relocate bus routes or bus stops in work zones as deemed necessary. ***Pedestrian and Bicyclists*** k. Perform construction that crosses on street and off street bikeways, sidewalks, and other walkways in a manner that allows for safe access for bicyclists and pedestrians. Alternatively, provide safe detours to reroute affected bicycle/pedestrian traffic. ***Recreational Trails*** l. At least two weeks prior to construction, post signage along all potentially affected recreational trails; Class I, II, and II bicycle routes; and	CalAm Conveyance Pipeline	Prior to project construction	M1W and CalAm construction contractor	During project construction	M1W, CalAm, and City of Seaside

Impacts	Mitigation Measures	Applicable Components	Timing of Implementation	Implementation Responsibility[1]	Timing of Monitoring	Responsibility for Compliance Monitoring[1]
	pedestrian pathways, to warn bicyclists and pedestrians of construction activities. The signs shall include information regarding the nature of construction activities, duration, and detour routes. Signage shall be composed of or encased in weatherproof material and posted in conspicuous locations, including on park message boards, and existing wayfinding signage and kiosks, for the duration of the closure period. At the end of the closure period, CalAm, M1W or either of its contractors shall retrieve all notice materials. ***Emergency Access*** m. Maintain access for emergency vehicles at all times. Coordinate with facility owners or administrators of sensitive land uses such as police and fire stations, transit stations, hospitals, and schools. n. Provide advance notification to local police, fire, and emergency service providers of the timing, location, and duration of construction activities that could affect the movement of emergency vehicles on area roadways. o. Avoid truck trips through designated school zones during the school drop-off and pickup hours.					
Impact TR-3: Construction-Related Roadway Deterioration	**Mitigation Measure TR-3**: **Roadway Rehabilitation Program.** Prior to commencing project construction, M1W and CalAm shall detail the preconstruction condition of all local construction access and haul routes proposed for substantial use by project-related construction vehicles. The construction routes surveyed must be consistent with those identified in the construction traffic control and safety assurance plan developed under Mitigation Measure TR-2. After construction is completed, the same roads shall be surveyed again to determine whether excessive wear and tear or construction damage has occurred. Roads damaged by project-related construction vehicles shall be repaired to a structural condition equal to, or greater than, that which existed prior to construction activities.	All Proposed Modifications	Prior to project construction, after project construction	M1W and CalAm construction contractors	After project construction	M1W, CalAm, and City of Seaside
Impact TR-4: Construction Parking Interference	**Mitigation Measure TR-4**: **Construction Parking Requirement**. Prior to commencing project construction, the construction contractor(s) shall coordinate with the City of Seaside to identify designated worker parking areas that would avoid or minimize parking displacement in congested areas of Seaside. The contractors shall provide transport between the designated parking location and the construction work areas. The construction contractor(s) shall also provide incentives for workers that carpool or take public transportation to the construction work areas. The engineering and construction design plans shall specify that contractors limit time of construction within travel lanes and public parking spaces and provide information to the public about locations of alternative spaces to reduce parking disruptions.	CalAm Conveyance Pipeline	Prior to project construction	M1W and CalAm construction contractor	During project construction	M1W, City of Seaside

RESOLUTION NO. 2021-06

A RESOLUTION OF THE BOARD OF DIRECTORS OF MONTEREY ONE WATER APPROVING THE PROPOSED MODIFICATIONS TO THE PURE WATER MONTEREY GROUNDWATER REPLENISHMENT PROJECT AS DESCRIBED IN THE 2021 FINAL SUPPLEMENTAL IMPACT REPORT FOR THE PROPOSED MODIFICATIONS AND ADOPTING CONDITIONS FOR PROJECT FUNDING AND IMPLEMENTATION

WHEREAS, On October 8, 2015, the Board of Directors of Monterey One Water ("M1W"), as lead agency under the California Environmental Quality Act ("CEQA"), approved the Pure Water Monterey Groundwater Replenishment Project ("PWM/GWR Project") per Resolution 2015-24 and certified the Environmental Impact Report ("PWM/GWR Project EIR") (State Clearinghouse No. 2013051094).

WHEREAS, the PWM/GWR Project is a water supply project that will serve northern Monterey County. The project provides: (1) purified recycled water for recharge of a groundwater basin that serves as drinking water supply; and (2) recycled water to augment the existing Castroville Seawater Intrusion Project's agricultural irrigation supply. The PWM/GWR Project also includes a drought reserve component to support use of the new supply for crop irrigation during dry years.

WHEREAS, the M1W Board now wishes to consider approval of proposed modifications to the PWM/GWR Project to expand the project yield ("Proposed Modifications"). In partnership with, and with funding from, the Monterey Peninsula Water Management District ("MPWMD") and California American Water Company ("CalAm"), M1W has completed the Final Supplemental EIR for the Proposed Modifications to the Pure Water Monterey Groundwater Replenishment Project ("2021 Final SEIR"). The 2021 Final SEIR analyzes and discloses the changes to the PWM/GWR Project EIR's analysis and conclusions associated with the construction, operation, and maintenance of M1W's Proposed Modifications to expand the water supply yield of the approved PWM/GWR Project. The Proposed Modifications evaluated in the 2021 Final SEIR would result in the "Expanded PWM/GWR Project" as further described below. These modifications have been referred to as a backup to CalAm's Monterey Peninsula Water Supply Project ("MPWSP").

WHEREAS, the Proposed Modifications would result in an Expanded PWM/GWR Project that would provide an additional 2,250 AFY of purified recycled water for injection into the Seaside Groundwater Basin and subsequent extraction to replace the same quantity of CalAm's existing potable water supplies. In order to provide an additional 2,250 AFY of treated water, the Proposed Modifications would require new and expanded facilities, including improvements at the existing Advanced Water Purification Facility to increase peak capacity; additional product water conveyance facilities; additional and relocated injection well facilities, including the relocation of previously approved facilities into an expanded injection well area; additional monitoring wells, including the relocation of a previously approved monitoring well; and new potable water extraction and delivery facilities consisting of four new extraction wells, conveyance pipelines, and treatment facilities.

WHEREAS, a Draft Supplemental Environmental Impact Report for the Proposed Modifications to the Pure Water Monterey Groundwater Replenishment Project ("Draft SEIR") was released for public and agency review on November 7, 2019. The Draft SEIR assesses the changes to environmental effects of implementation of the Proposed Modifications compared to the environmental effects of the approved PWM/GWR Project, identifies means to eliminate or reduce significant adverse impacts of the Proposed Modifications, and evaluates a reasonable range of alternatives to the Proposed Modifications.

WHEREAS, a Final Supplemental Environmental Impact Report document for the Proposed Modifications was prepared and presented to the M1W Board in April 2020 ("2020 Final SEIR"). At that time, the M1W Board did not certify the Final Supplemental Environmental Impact Report or approve the project.

WHEREAS, after completion of the 2020 Final SEIR, some minor changes to the Proposed Modifications became necessary. The changes to the Proposed Modifications are specific to the Injection Well Facilities. Namely, after completion of the 2020 Final SEIR, M1W proceeded with construction of two of the previously approved injection wells in the same geographic area as was evaluated in the certified PWM/GWR Final EIR. By contrast, the Proposed Modifications described in the 2020 Final SEIR had included relocation of these two injection wells. Those relocations are no longer necessary. This change results in the need for constructing only one additional deep well at the Expanded Injection Well Area that was evaluated in the 2020 Final SEIR for a total of nine approved wells (the same number as was evaluated in the 2020 Final SEIR). The Expanded Injection Well Area also could serve as a location for potential future replacement wells if replacement of existing wells is needed, but no replacement wells are proposed for approval at this time.

WHEREAS, on February 22, 2021, the M1W Board considered and discussed potential actions on the Final SEIR to support a potential Expanded PWM/GWR Project approval. The Board discussed staff recommendations and received comments from members of the public. The Board directed staff to proceed with updates to the 2020 Final SEIR to reflect the change described above and requested staff to bring the item back for potential action.

WHEREAS, on March 29, 2021, the M1W Board approved amending a cost sharing agreement with the MPWMD, a budget and contracts for additional consultant and staff services to update the Final SEIR and for development of a regional water balance model to enhance stakeholder outreach for concerns about M1W water volumes.

WHEREAS, an Environmental Memorandum was prepared by Denise Duffy & Associates to analyze the changes to the 2020 Final SEIR that would be needed due to the change in the Proposed Modifications since the 2020 Final SEIR was completed. The Environmental Memorandum found that there would be no additional significant impacts and no worsening in severity of previously identified significant impacts compared to those disclosed in the 2020 Final SEIR for the Proposed Modifications.

WHEREAS, the 2021 Final SEIR for the Proposed Modifications is comprised of the Draft SEIR together with two additional volumes. One volume (referred to as the "2020 Final SEIR") includes the comments on the Draft SEIR submitted by interested public agencies, organizations,

and members of the public during the noticed public review period November 7, 2019 to January 31, 2020; written responses to the environmental issues raised in those comments; revisions to the text of the Draft SEIR reflecting changes made in response to comments and other information; other minor changes to the text of the Draft SEIR; and additional appendices prepared in response to comments on the Draft SEIR. The second volume includes the Environmental Memorandum prepared to analyze the change in the Proposed Modifications since April 2020.

WHEREAS, prior to considering this Resolution, this Board approved Resolution 2021-05, and thus, this Board has certified the 2021 Final SEIR for the Proposed Modifications to the PWM/GWR Project, adopted California Environmental Quality Act findings, approved mitigation measures and a mitigation monitoring and reporting program, and adopted a Statement of Overriding Considerations.

NOW, THEREFORE BE IT RESOLVED by the Board of Directors of the Monterey One Water as follows:

PROJECT APPROVAL

1. The Board hereby approves the Proposed Modifications as described in the 2021 Final SEIR subject to the conditions described below.

2. The Board hereby authorizes M1W staff to engage in exploratory discussions with CalAm and MPWMD regarding their interest in funding the Proposed Modifications and the potential terms of a Water Purchase Agreement or an amendment to the existing Water Purchase Agreement for the expanded quantities of water that could be delivered to CalAm by the Proposed Modifications.

3. The Board hereby conditions its approval of the Proposed Modifications as follows:

a. M1W staff shall not enter into a Water Purchase Agreement without an additional Board approval. Prior to entering into any Water Purchase Agreement or amending or modifying the existing Water Purchase Agreement with CalAm and the Monterey Peninsula Water Management District concerning the Proposed Modifications to the PWM/GWR Project, M1W staff shall bring the terms of such agreement to the Recycled Water Committee of this Board for its recommendation, and to the full Board for its approval. This Board retains full discretion as to whether to enter into a Water Purchase Agreement, and upon which terms.

b. M1W staff shall not commit to make substantial expenditures or enter into any contracts relating to the engineering design, permitting, construction or operation of the following components of the PWM/GWR Expansion Project: Modifications to the Advanced Water Purification Facility; Modifications to the Product Water Conveyance Pipeline; and Modifications to the Injection Well Facilities. Prior to committing to make such expenditures or entering into such contracts, M1W staff shall bring the expenditure requests and/or contracts to the Recycled Water Committee of this Board for its recommendation, and to the full Board for its approval. This Board retains full discretion as to whether to prepare engineering designs and bid documents, permitting reports and applications, and to construct such components of the Proposed Modifications.

4. As a further condition of its approval, the Board requires that if any of the components of the Proposed Modifications are undertaken, the mitigation measures described in the adopted Mitigation Monitoring and Reporting Program for the Proposed Modifications must be implemented.

PASSED, APPROVED AND ADOPTED by the Board of Directors of the Monterey One Water at a regular meeting duly held on April 26, 2021 by the following roll call vote:

AYES: **CARBONE, MOORE, GRIER, STEFANI, PHILLIPS, DONALDSON, WILLIAMSON, SMITH, CROMEENES, CAMPBELL**

NOES: **NONE**

ABSENT: **NONE**

Mary Ann Carbone, Chair
M1W Board of Directors

ATTEST:

Paul A. Sciuto, General Manager
Secretary to Board of Directors