



Denise Duffy & Associates, Inc.
 PLANNING AND ENVIRONMENTAL CONSULTING

QUARTERLY STATUS REPORT

Project Name: PWM/GWR – Blanco Drain Diversion Facilities
Project Manager: Denise Duffy, Project Manager; Diana Staines, Deputy Project Manager
Report Period: Quarter 4, October 2018 – December 2018
Date of Report: January 4, 2019

The purpose of this status report is to document actions and monitoring performed by Denise Duffy and Associates (DD&A) as part of the environmental compliance process for the construction phase of the above referenced project component. This Status Report provides the necessary documentation for the State Water Resources Control Board (SWRCB) to satisfy the environmental review requirements of the Clean Water State Revolving Fund (CWSRF) Program. For detailed information on compliance with applicable mitigations and conditions, see the Environmental Compliance Plan (ECP) for the Blanco Drain Diversion Facilities dated June 26, 2017.

WORK/TASKS PERFORMED DURING THIS REPORTING PERIOD:

Compliance Matrix: Blanco Drain Diversion Facilities Mitigation Compliance Tracking Matrix is used for the purposes of monitoring and documenting compliance with the mitigation measures identified in the Mitigation Monitoring and Reporting Program (MMRP) and applicable permit conditions. DD&A regularly updates and maintains the compliance matrix to document mitigation and permit condition status throughout the construction period. The most up to date Compliance Tracking Matrix is dated December 27, 2018 and can be accessed using this Sharefile link: <https://ddaplanning.sharefile.com/d-sd40a53032944cb28>.

Meeting Attendance: DD&A participated in weekly construction progress meetings to discuss pending construction activities, schedule, and other topical items related to construction. Moreover, DD&A also participated in additional meetings to discuss construction logistics, and other items related to compliance with the MMRP.

Biological Monitoring/Reporting: During this reporting period, DD&A conducted on-going biological monitoring of construction-related activities pursuant to the requirements of Mitigation Measure BT-1a, BT-1b, BT-1c, and related conditions from the U.S. Fish and Wildlife Service (USFWS) Biological Opinion (BO) and the California Department of Fish and Wildlife (CDFW) Streambed Alteration Agreement (SAA). DD&A will continue to conduct on-going biological monitoring during construction. DD&A is also conducting additional CRLF clearance surveys following rain events of 0.25 inches or more within 24 hours in accordance with the work window extension granted by the USFWS.

Tel: (831) 373-4341
 Fax: (831) 373-1417
 947 Cass Street, Suite 5
 Monterey, CA 93940

Employee Education: Employee Education for this project was completed onsite during previous reporting periods. DD&A will continue to coordinate with Monterey One Water and Covello to conduct Employee Education as needed to ensure compliance and that all crew members receive the required environmental education.

Construction Condition Compliance: During this reporting period DD&A worked closely with the Construction Manager and Construction Contractor to communicate applicable condition compliance requirements during the construction phase of the project. Covello continues to be informed of reporting items and any interim corrective actions needed to ensure compliance with the applicable construction phase requirements. These items have also been conveyed to the contractor with appropriate follow-up from Covello.

Document Management/SRF Compliance: DD&A maintains applicable project permits, agency submittals, and up-to-date version of the Compliance Matrix for the ProCore and SRF Sharefile sites.

Project Management: DD&A continues to coordinate on-going project management activities, including progress billings and management, coordination of DD&A staff resources, and similarly related activities at the management level.

Document Review: During this reporting period, DD&A reviewed weekly construction meeting minutes and compliance documentation for the purposes of MMRP or condition compliance.

Submittals to Agencies: During this reporting period, DD&A submitted a memorandum requesting the extension of the winter work window at Blanco Drain to the USFWS on behalf of M1W. The USFWS granted an extension of the winter work window at Blanco Drain until February 19, 2019, with additional conditions.

MMRP Required Document Preparation: During this reporting period, DD&A continued to document compliance with applicable MMRP or permit condition requirements.

FUTURE MONITORING & REPORTING ACTIONS:

DD&A will continue to conduct on-going monitoring and reporting throughout the duration of remaining construction activities and will also conduct post-construction monitoring as required, in coordination with Monterey One Water and the Contractor. Future activities include meeting attendance, working with the construction team to address all during-construction and post-construction requirements, as well as conducting on-going biological monitoring, reporting and employee training.

Blanco Drain Diversion Facilities Mitigation and Condition Compliance Tracking Matrix

Lead Agency:

Monterey Regional Water Pollution Control Agency
Contact: Tom Kouretas, P.E.

Compliance Monitor:

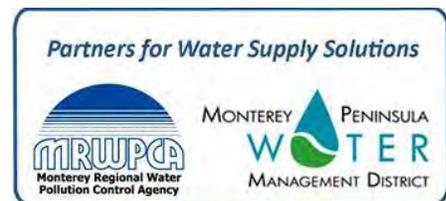
Denise Duffy and Associates, Inc.
Contact: Diana Staines, AICP

Construction Manager:

Covello Group
Contact: Melanie Carrido, P.E.

Date: December 27, 2018

This Mitigation and Condition Compliance Tracking Matrix is prepared on behalf of the Monterey Regional Water Pollution Control Agency (“Lead Agency”) to facilitate mitigation compliance for the Pure Water Monterey Groundwater Replenishment Project (PWM/GWR) Blanco Drain Diversion Facilities (“Project”). The Project is located within unincorporated Monterey County, California. Each of the individual construction phase mitigation measures and conditions applicable to the Project are identified below. The following table includes a brief description of the requirements of those mitigation measures and conditions, as well as key deliverables, when materials were submitted for review, the date comments were provided to the Project Proponent or their representatives, the date when any revised reports were submitted, and the date the material was approved. In addition, this matrix also identifies the status and any relevant notes related to that mitigation measure. **Please note that several mitigation measures include multiple reporting requirements. In these instances, the applicable mitigation measure is divided into separate sub-components. These compliance matrices are meant to be used as a summary and compliance tool and thus do not include the full text of the mitigations from the Mitigation Monitoring & Reporting Program (“MMRP”) or the full text of the permit conditions for each permit; please refer to the Permit Handbook in this ECP if needed to see the full text of these mitigations and conditions.**



CONSTRUCTION PHASE PWM/GWR Blanco Drain Mitigation Compliance Tracking Matrix														
Source	Mitigation/ Condition Name/ Number	Project Sub- Component	Description	Deliverable	Responsibility to Prepare	Responsibility to Review	Requires Agency Approval (Y/N)	DD&A Internal Review Schedule				Date of Agency Approval	Notes (specify agency approval)	Compliance Status ¹
								Date Submitted to DD&A	Date Comments Submitted	Final Draft Submitted	Date DD&A Approved			
LSAA	Reporting Measure 2.8d	All Components	Submit Seed Mixture	Seed Mixture		DD&A		NA				NA		NA
LSAA	Reporting Measure 2.9d	All Components	Submit pH Testing Results (if not waiting 30 days for concrete to cure)	pH Testing Results				NA				NA		NA
MMRP USFWS BO Section 401 WQC	MM BT-1q-4 /Multiple ²	All Components	CRLF Monitoring	Monitoring Logs	DD&A	MRWPCA	N	DD&A will continue to submit Biological Monitoring Reports throughout Project Construction.				NA		Ongoing Monitoring.
Section 401 WQC LSAA	Multiple ³	Pump Station	Turbidity Monitoring	Monitoring Logs	Anderson Pacific	MRWPCA	Y (submittal required)	Anderson Pacific will be monitoring in field, DD&A will submit data to Agencies as necessary.						Ongoing Monitoring.
LSAA	Multiple ⁴	HDD	HDD Monitoring	Monitoring Logs	Anderson Pacific	MRWPCA	N	Anderson Pacific will be monitoring during all HDD Activities				NA		Ongoing Monitoring.
MMRP	Mitigation Measure AQ-1-1	All Components	Water Active Construction Areas	Monitoring Logs	Covello	DD&A	N	Covello will be preparing Monitoring Logs throughout the Construction Phase				NA		Ongoing Monitoring.
MMRP	Mitigation Measure AQ-1-2	All Components	Prohibit Grading During High Winds	Monitoring Logs	Covello	DD&A	N	Covello will be preparing Monitoring Logs throughout the Construction Phase				NA		Ongoing Monitoring.
MMRP	Mitigation Measure AQ-1-3	All Components	Cover Hauling Trucks	Monitoring Logs	Covello	DD&A	N	Covello will be preparing Monitoring Logs throughout the Construction Phase				NA		Ongoing Monitoring.
MMRP	MM AQ-1-4 and MM AQ 1-5 ⁵	All Components	Sweep Daily	Monitoring Logs	Covello	DD&A	N	Covello will be preparing Monitoring Logs throughout the Construction Phase				NA		Ongoing Monitoring.
MMRP LSAA	MM AQ-1-7/ Multiple ⁶	All Components	Replant Disturbed Areas	Photo of Replanting		DD&A	N	NA				NA		NA
MMRP	Mitigation Measure AQ-1-9	All Components	Dust Complaint Sign	Photo of Posted Sign		DD&A	N					NA		

¹ As of today's date: December 27, 2018.

² MMRP Mitigation Measure BT-1q-4, USFWS BO Avoidance and Minimization Measure, CRLF 4, Section 401 WQC Condition 11

³ Section 401 WQC Condition 5, LSAA Avoidance and Minimization Measure 2.14

⁴ LSAA Avoidance and Minimization Measure 2.12b, LSAA Avoidance and Minimization Measure 2.12g, LSAA Avoidance and Minimization Measure 2.12h, LSAA Avoidance and Minimization Measure 2.12e

⁵ MMRP Mitigation Measure AQ-1-4, MMRP Mitigation Measure AQ-1-5

⁶ MMRP Mitigation Measure AQ-1-7, MMRP Mitigation Measure BT-1c-1, MMRP Mitigation Measure BT-1c-2, LSAA Avoidance and Minimization Measure 2.8d

CONSTRUCTION PHASE PWM/GWR Blanco Drain Mitigation Compliance Tracking Matrix														
Source	Mitigation/ Condition Name/ Number	Project Sub- Component	Description	Deliverable	Responsibility to Prepare	Responsibility to Review	Requires Agency Approval (Y/N)	DD&A Internal Review Schedule				Date of Agency Approval	Notes (specify agency approval)	Compliance Status ¹
								Date Submitted to DD&A	Date Comments Submitted	Final Draft Submitted	Date DD&A Approved			
MMRP Section 401 WQC LSAA USFWS BO	MM BT-1a-5/ Multiple ⁷	All Components	Erosion Control	Monitoring Logs	Covello	DD&A	N	Covello will be preparing Monitoring Logs throughout the Construction Phase				NA		Ongoing Monitoring.
MMRP USFWS BO	MM BT-1a-6/ Multiple ⁸	All Components	No Firearms	Monitoring Logs	DD&A	MRWPCA	N	DD&A will continue to submit Biological Monitoring Reports throughout Project Construction.				NA		Ongoing Monitoring.
MMRP USFWS BO	MM BT-1a-7/ Multiple ⁹	All Components	Food-Related Items Disposal	Monitoring Logs	DD&A	MRWPCA	N	DD&A will continue to submit Biological Monitoring Reports throughout Project Construction.				NA		Ongoing Monitoring.
MMRP USFWS BO	MM BT-1a-9/ Multiple ¹⁰	All Components	Proximity of Refueling / Maintaining Equipment to Waterbody	Monitoring Logs	DD&A	MRWPCA	N	DD&A will continue to submit Biological Monitoring Reports throughout Project Construction.				NA		Ongoing Monitoring.
MMRP	Mitigation Measure BT-1c-4	All Components	Remove Invasive Plants	Monitoring Logs	DD&A	MRWPCA	N	DD&A will continue to submit Biological Monitoring Reports throughout Project Construction.				NA		Ongoing Monitoring.
MMRP USFWS BO	MM BT-1q-7/ Multiple ¹¹	Pump Station	Screen Dewatering Intakes	Specifications	Anderson Pacific	DD&A	N					NA		
MMRP	Mitigation Measure BT-2a-2	All Components	Minimize Lighting	Monitoring Logs	Anderson Pacific	DD&A	N	Covello will be preparing Monitoring Logs throughout the Construction Phase				NA		Ongoing Monitoring.
MMRP	Mitigation Measure CR-2b	All Components	Discovery of Archaeological Resources	Only if Needed	Qualified Archaeologist	NA	Y – Agency Notification may be required.	NA				NA		Only if needed.
MMRP	Mitigation Measure NV-2a-1	All Components	Sound Control Devices on Internal Combustion Engines	Monitoring Logs	Anderson Pacific	DD&A		Covello will be preparing Monitoring Logs throughout the Construction Phase						Ongoing Monitoring.
MMRP	Mitigation Measure NV-2a-2	All Components	Avoid Noise from Impact Tools	Monitoring Logs	Anderson Pacific	DD&A		Covello will be preparing Monitoring Logs throughout the Construction Phase						Ongoing Monitoring.
MMRP	Mitigation Measure NV-2a-3	All Components	Location of Stationary Noise Sources	Monitoring Logs	Anderson Pacific	DD&A		Covello will be preparing Monitoring Logs throughout the Construction Phase						Ongoing Monitoring.

⁷ MMRP Mitigation Measure BT-1a-5, Section 401 WQC Condition 15, LSAA Avoidance and Minimization Measure 2.8c, USFWS BO Avoidance and Minimization Measure, Construction BMP 5

⁸ MMRP Mitigation Measure BT-1a-6, USFWS BO Avoidance and Minimization Measure, Construction BMP 6

⁹ MMRP Mitigation Measure BT-1a-7, USFWS BO Avoidance and Minimization Measure, Construction BMP 7

¹⁰ MMRP Mitigation Measure BT-1a-9, USFWS BO Avoidance and Minimization Measure, Construction BMP 9

¹¹ MMRP Mitigation Measure BT-1q-7, USFWS BO Avoidance and Minimization Measure CRLF 7

CONSTRUCTION PHASE PWM/GWR Blanco Drain Mitigation Compliance Tracking Matrix														
Source	Mitigation/ Condition Name/ Number	Project Sub- Component	Description	Deliverable	Responsibility to Prepare	Responsibility to Review	Requires Agency Approval (Y/N)	DD&A Internal Review Schedule				Date of Agency Approval	Notes (specify agency approval)	Compliance Status ¹
								Date Submitted to DD&A	Date Comments Submitted	Final Draft Submitted	Date DD&A Approved			
Section 401 WQC	WQC Condition 12.	All Components	Discovery of Western Pond Turtle	Only if Needed	DD&A	MRWPCA	Y – Notification Needed						Only if needed.	
Section 401 WQC	WQC Condition 16.	All Components	Pre-Wash Imported Construction Materials	Monitoring Logs	Anderson Pacific	DD&A	N	Covello will be preparing Monitoring Logs throughout the Construction Phase.				NA		Ongoing Monitoring.
Section 401 WQC	WQC Condition 20.	All Components	Hazardous Chemical Containment	Monitoring Logs	Covello	DD&A	N	Covello will be preparing Monitoring Logs throughout the Construction Phase.				NA		Ongoing Monitoring.
Section 401 WQC LSAA	Multiple ¹²	All Components	Documentation at Project Site	Evidence	DD&A	MRWPCA	N	NA				NA	Copies of all permits are located in the on-site ECP/	Complete.
Section 404 Auth.	Regional NWP 12 Condition 1	Pump Station	Disposal of Excess Material	Monitoring Logs	Covello	DD&A	N	Covello will be preparing Monitoring Logs throughout the Construction Phase.				NA		Ongoing Monitoring.
Section 401 WQC Water Rights Permit LSAA	Multiple ¹³	Pump Station	Prevent Materials from Entering Surface Waters	Monitoring Logs	Covello	DD&A	N	Covello will be preparing Monitoring Logs throughout the Construction Phase.				NA		Ongoing Monitoring.
LSAA	Avoidance and Minimization Measure 2.4a	All Components	Movement of Fish and Wildlife	Monitoring Logs	DD&A	MRWPCA	N	DD&A will continue to submit Biological Monitoring Reports throughout Project Construction.				NA		Ongoing Monitoring.
LSAA	Avoidance and Minimization Measure 2.5a	All Components	Prohibit Removal of Trees and Shrubs	Monitoring Logs	DD&A	MRWPCA	N	DD&A will continue to submit Biological Monitoring Reports throughout Project Construction.				NA		Ongoing Monitoring.
LSAA	Avoidance and Minimization Measure 2.5b	All Components	Minimize Disturbance to Vegetation	Monitoring Logs	DD&A	MRWPCA	N	DD&A will continue to submit Biological Monitoring Reports throughout Project Construction.				NA		Ongoing Monitoring.
LSAA	Avoidance and Minimization Measure 2.5c	All Components	Disposal of Vegetation	Monitoring Logs	DD&A	MRWPCA	N	DD&A will continue to submit Biological Monitoring Reports throughout Project Construction.				NA		Ongoing Monitoring.
LSAA	Multiple ¹⁴	All Components	Limit Project Activities to Dry Conditions	Monitoring Logs	Covello	DD&A	N	Covello will be preparing Monitoring Logs throughout the Construction Phase.				NA		Ongoing Monitoring.
LSAA	Avoidance and Minimization Measure 2.6d	All Components	Storage of Equipment and Materials Outside CDFW Jurisdictional Area	Monitoring Logs	Covello	DD&A	N	DD&A will continue to submit Biological Monitoring Reports throughout Project Construction.				NA		Ongoing Monitoring.

¹² Section 401 WQC Condition 37, LSAA Administrative Measure 1.1, LSAA Administrative Measure 1.2

¹³ Section 401 WQC Condition 17, Section 401 WQC Condition 18, Water Rights Permit 21376 - Condition 16, LSAA Avoidance and Minimization Measure 2.9c, LSAA Avoidance and Minimization Measure 2.9b, LSAA Avoidance and Minimization Measure 2.7a

¹⁴ LSAA Avoidance and Minimization Measure 2.6a, LSAA Avoidance and Minimization Measure 2.8b

CONSTRUCTION PHASE PWM/GWR Blanco Drain Mitigation Compliance Tracking Matrix														
Source	Mitigation/ Condition Name/ Number	Project Sub- Component	Description	Deliverable	Responsibility to Prepare	Responsibility to Review	Requires Agency Approval (Y/N)	DD&A Internal Review Schedule				Date of Agency Approval	Notes (specify agency approval)	Compliance Status ¹
								Date Submitted to DD&A	Date Comments Submitted	Final Draft Submitted	Date DD&A Approved			
LSAA	Avoidance and Minimization Measure 2.6e	All Components	Prohibit Vehicles in Sensitive Areas	Monitoring Logs	Covello	DD&A	N	Covello will be preparing Monitoring Logs throughout the Construction Phase.				NA		Ongoing Monitoring.
LSAA	Multiple ¹⁵	All Components	Stockpile Management	Monitoring Logs	Covello	DD&A	N	Covello will be preparing Monitoring Logs throughout the Construction Phase.				NA		Ongoing Monitoring.
LSAA	Avoidance and Minimization Measure 2.7d	All Components	Minimize Fill Material	Monitoring Logs	Covello	DD&A	N	Covello will be preparing Monitoring Logs throughout the Construction Phase.				NA		Ongoing Monitoring.
LSAA	Avoidance and Minimization Measure 2.7e	Pump Station and HDD	Condition of Rip-Rap/Rock	Monitoring Logs	Covello	DD&A	N	Covello will be preparing Monitoring Logs throughout the Construction Phase.				NA		Ongoing Monitoring.
LSAA	Avoidance and Minimization Measure 2.8a	All Components	Significant Rainfall Events	Monitoring Logs	Covello	DD&A	N	Covello will be preparing Monitoring Logs throughout the Construction Phase.				NA		Ongoing Monitoring.
LSAA	Avoidance and Minimization Measure 2.9d	Pump Station and HDD	Installation of Concrete	Monitoring Logs	Covello	DD&A	N	Covello will be preparing Monitoring Logs throughout the Construction Phase.				NA		Ongoing Monitoring.
LSAA	Avoidance and Minimization Measure 2.12d	HDD	Avoid Contamination During HDD	Frac-Out Plan	Anderson Pacific	CDFW/SWRCB	N	Anderson Pacific will be monitoring during all HDD Activities				NA		Ongoing Monitoring.
LSAA	Avoidance and Minimization Measure 2.12f	HDD	Fluorescent Dye	Frac-Out Plan	Anderson Pacific	CDFW/SWRCB	N	Anderson Pacific will be monitoring during all HDD Activities				NA		Ongoing Monitoring.
LSAA	Multiple ¹⁶	HDD	Occurrence of Frac-Out	Only if Needed	DD&A	CDFW	Y – Notification Needed	NA						Only if Needed
LSAA	Avoidance and Minimization Measure 2.3f	All Components	Avoid Monterey Dusky-Footed Woodrat	Only if needed.	DD&A	CDFW	Y – Report may need to be submitted	NA						Only if needed.
USFWS BO	Terms and Conditions b	All Components	Relocation of CRLF	Only if Needed	DD&A	USFWS	Y – Notification Needed	NA						Only if Needed
USFWS BO	Disposition of Dead or Injured Specimens	All Components	Dead or Injured CRLF	Only if Needed	DD&A	USFWS	Y – Notification Needed	NA						Only if needed.

¹⁵ Avoidance and Minimization Measure 2.7b, Avoidance and Minimization Measure 2.7c, MMRP Mitigation Measure AQ-1-6

¹⁶ LSAA Avoidance and Minimization Measure 2.12i, LSAA Avoidance and Minimization Measure 2.12k



Denise Duffy & Associates, Inc.
PLANNING AND ENVIRONMENTAL CONSULTING

QUARTERLY STATUS REPORT

Project Name: PWM/GWR – Reclamation Ditch
Project Manager: Denise Duffy, Project Manager; Diana Staines, Deputy Project Manager
Report Period: Quarter 4, October 2018 – December 2018
Date of Report: January 4, 2019

The purpose of this status report is to document actions and monitoring performed by Denise Duffy and Associates (DD&A) as part of the environmental compliance process for the construction phase of the above referenced project component. This Status Report provides the necessary documentation for the State Water Resources Control Board (SWRCB) to satisfy the environmental review requirements of the Clean Water State Revolving Fund (CWSRF) Program. For detailed information on compliance with applicable mitigations and conditions, see the Environmental Compliance Plan (ECP) for the Reclamation Ditch Diversion Facilities dated June 2018.

WORK/TASKS PERFORMED DURING THIS REPORTING PERIOD:

Compliance Matrix: The Reclamation Ditch Diversion Facilities Mitigation Compliance Tracking Matrix is used for the purposes of monitoring and documenting compliance with the mitigation measures identified in the Mitigation Monitoring and Reporting Program (MMRP) and applicable permit conditions. DD&A regularly updates and maintains the compliance matrix to document mitigation and permit condition status throughout the construction period. The most up to date Compliance Tracking Matrix is dated December 27, 2018 and can be accessed using this Sharefile link: <https://ddaplanning.sharefile.com/d-sd40a53032944cb28>.

Meeting Attendance: DD&A participated in weekly construction progress meetings to discuss pending construction activities, schedule, and other topical items related to construction. Moreover, DD&A also participated in additional meetings to discuss construction logistics, and other items related to compliance with the MMRP.

Biological Monitoring/Reporting: During this reporting period, DD&A qualified biologists conducted on-going biological monitoring of construction-related activities pursuant to the requirements of applicable mitigation measures. DD&A will continue to conduct on-going biological monitoring during construction. For specific events that occur during the biological monitoring please refer to the biological monitoring work logs that are produced every month.

Employee Education: Employee Education for this project was completed onsite during previous reporting periods. DD&A will continue to coordinate with Monterey One Water and Covello to conduct

Tel: (831) 373-4341
Fax: (831) 373-1417
947 Cass Street, Suite 5
Monterey, CA 93940

Employee Education as needed to ensure compliance and that all crew members receive the required environmental education.

Construction Condition Compliance: During this reporting period DD&A worked closely with the Construction Manager and Construction Contractor to communicate applicable condition compliance requirements during the construction phase of the project. Covello continues to be informed of reporting items and any interim corrective actions needed to ensure compliance with the applicable construction phase requirements. These items have also been conveyed to the contractor with appropriate follow-up with Covello.

Document Management/SRF Compliance: DD&A maintains applicable project permits, agency submittals, and up-to-date versions of the Compliance Matrix for the ProCore and SRF Sharefile sites.

Project Management: DD&A continues to coordinate on-going project management activities, including progress billings and management, coordination of DD&A staff resources, and similarly related activities at the management level.

Document Review: During this reporting period, DD&A reviewed weekly construction meeting minutes and compliance documentation for the purposes of MMRP or condition compliance.

Submittals to Agencies: During this reporting period, DD&A submitted email documentation to the National Marine Fisheries Service (NMFS) on behalf of Monterey One Water, as part of the required measures for the work window extension for in-channel work at Reclamation Ditch.

MMRP Required Document Preparation: During this reporting period, DD&A continued to document compliance with applicable MMRP or permit condition requirements.

FUTURE MONITORING & REPORTING ACTIONS:

DD&A will continue to conduct on-going monitoring and reporting throughout the duration of remaining construction activities and will also conduct post-construction monitoring as required, in coordination with Monterey One Water and the Contractor. Future activities include meeting attendance, working with the construction team to address all during-construction requirements, as well as conducting on-going biological monitoring, reporting and employee training.

Reclamation Ditch Diversion Facilities Mitigation and Condition Compliance Tracking Matrix

Lead Agency:

Monterey One Water
Contact: Tom Kouretas, P.E.

Compliance Monitor:

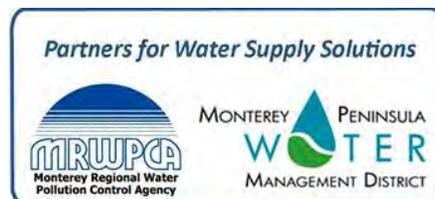
Denise Duffy and Associates, Inc.
Contact: Diana Staines

Construction Manager:

Covello Group
Contact: Melanie Carrido, P.E.

Date: December 27, 2018

This weekly Mitigation and Condition Compliance Tracking Matrices is prepared on behalf of the Monterey One Water (“Lead Agency”) to facilitate mitigation compliance for the Pure Water Monterey Groundwater Replenishment Project (PWM/GWR) Reclamation Ditch Diversion Facilities (“Project”). The first table (Pre-Construction Phase) includes all of the mitigation and conditions applicable during the pre-construction phase and their status; the second table (Construction Phase) includes all of the mitigations and conditions that are applicable during construction, and the third table (Post Construction) includes all of the mitigations and conditions that are applicable to post construction. The Project is located within unincorporated Monterey County, California. Each of the individual mitigation measures and conditions applicable to the Project are identified below. The following tables include a brief description of the requirements of those mitigation measures and conditions, as well as key deliverables, when materials were submitted for review, the date comments were provided to the Project Proponent or their representatives, the date when any revised reports were submitted, and the date the material was approved. In addition, this matrix also identifies the status and any relevant notes related to that mitigation measure. **Please note that several mitigation measures include multiple reporting requirements. In these instances, the applicable mitigation measure is divided into separate sub-components. These compliance matrices are meant to be used as a summary and compliance tool and thus do not include the full text of the mitigations from the Mitigation Monitoring & Reporting Program (“MMRP”) or the full text of the permit conditions for each permit; please refer to the Permit Handbook in this ECP if needed to see the full text of these mitigations and conditions.**



PRE-CONSTRUCTION PHASE
PWM/GWR Reclamation Ditch Diversion Facilities
Mitigation Compliance Tracking Matrix

Source	Mitigation/Condition Name/ Number	Description	Deliverable	Responsibility to Prepare	Responsibility to Review	Requires Agency Approval (Y/N)	DD&A Internal Review Schedule				Date of Agency Approval	Notes (specify agency approval)	Compliance Status ¹
							Date Submitted to DD&A	Date Comments Submitted	Final Draft Submitted	Date DD&A Approved			
MMRP	Mitigation Measure AQ-1	Construction Criteria Pollutant Emissions	Construction Fugitive Dust Control Plan	Anderson Pacific	DD&A	N	6/7/17	6/13/17	NA	6/13/17	NA	Rec Ditch and Blanco Drain share one Plan.	Plan Complete/ Ongoing monitoring required.
LSAA MMRP USFWS BO	MM BT-1a-8 /Multiple ²	On-site Spill Plan/On-Site Spill Containment Measures	Spill Response Plan	Anderson Pacific	CM Engineers/ M1W DD&A	Y	5/16/17	6/1/17	6/14/17	6/16/17	6/27/17	Rec Ditch and Blanco Drain share one Plan.	Plan Complete/ Ongoing monitoring required.
LSAA Section 401 WQC	Multiple ³	Clearwater Diversion Plan	Diversion and Dewatering Plan	Anderson Pacific	CM Engineers/ M1W DD&A	Y	5/15/18	5/17/18	5/30/18	5/30/18	6/18/18	In-ditch construction anticipated to begin on July 9.	Complete.
Water Rights Permit	21376 - Condition 15	Erosion Control /Revegetation Plan and Implementation Schedule	Erosion Control Plan	Anderson Pacific	CM Engineers/ M1W DD&A	Y	5/9/18	NA		5/11/18	6/28/18	Approval letter from Amanda Montgomery on June 28, 2018	Plan Complete/ Ongoing monitoring required.
MMRP	Mitigation Measure EN-1	Construction Equipment Efficiency Plan	Construction Equipment Efficiency Plan	Anderson Pacific	DD&A	N	6/12/17	6/14/17	NA	6/14/17	NA	Rec Ditch and Blanco Drain share one Plan.	Plan Complete/ Ongoing monitoring required.
MMRP	Mitigation Measure PS-3	Waste Reduction and Recycling Plan	Waste Reduction and Recycling Plan	Anderson Pacific	DD&A	N	6/14/17	6/15/17	NA	6/15/17	NA	Rec Ditch and Blanco Drain share one Plan.	Plan Complete/ Ongoing monitoring required.
LSAA	Multiple ⁴	Work Schedule	Work Schedule	Anderson Pacific	NA	N	NA					Incomplete.	
Section 401 WQC	WQC Condition 31	Pre-Construction Notification	Notification	DD&A	NA	N	NA					Notification sent to Chase on 7/2/18.	Complete.
MMRP USFWS BO	MM BT-1q-1/Multiple ⁵	Submit Biologist Credentials	Biologist Credentials	DD&A	NA	Y	NA				5/23/17	Biologist approved for previous PWM components	Complete.
LSAA	Multiple ⁶	Pre-Construction Survey	Survey Results	DD&A Bio	M1W	Y						Draft Pre-Construction Survey Report dated September 24, 2018	Complete.
MMRP	MM BF-1b	Pre-Construction Fish Survey	Survey Results	DD&A Bio	M1W	Y						Surveys completed on July 9. Report prepared by fisheries biologist available upon request.	Complete.
MMRP LSAA	MM BT-1k-2 /Multiple ⁷	Pre-Construction Avian Survey	Survey Results	DD&A Bio	M1W	Y						Draft Pre-Construction Survey Report dated September 24, 2018	Complete.

¹ As of today's date: **December 27, 2018.**

² LSAA Avoidance and Minimization Measure 2.9e, LSAA Reporting Measure 3.2k, MMRP Mitigation Measure BT-1a-8, USFWS BO Avoidance and Minimization Measure, Construction BMP 8

³ LSAA Reporting Measure 3.2l, LSAA Avoidance and Minimization Measure 2.11, Section 401 WQC Condition 7

⁴ LSAA Reporting Measure 3.2a, LSAA Administrative Measure 1.10

⁵ USFWS BO Terms and Conditions a, USFWS BO Avoidance and Minimization Measure, CRLF 1, MMRP Mitigation Measure BT-1q-1

⁶ LSAA Avoidance and Minimization Measure 2.3a, LSAA Reporting Measure 3.2b

⁷ MMRP Mitigation Measure BT-1k-2, MMRP Mitigation Measure BT-1k-3, MMRP Mitigation Measure BT-1k-1, LSAA Avoidance and Minimization Measure 2.4b, LSAA Reporting Measure 3.2h

PRE-CONSTRUCTION PHASE
PWM/GWR Reclamation Ditch Diversion Facilities
Mitigation Compliance Tracking Matrix

Source	Mitigation/Condition Name/ Number	Description	Deliverable	Responsibility to Prepare	Responsibility to Review	Requires Agency Approval (Y/N)	DD&A Internal Review Schedule				Date of Agency Approval	Notes (specify agency approval)	Compliance Status ¹
							Date Submitted to DD&A	Date Comments Submitted	Final Draft Submitted	Date DD&A Approved			
MMRP LSAA USFWS BO	MM BT-1a-1 /Multiple ⁸	Employee Education Program	Sign-In Sheets	DD&A/Covello	NA	N			NA		DDA conducted first training on 6/20, DDA will continue to perform more training as new working come onsite.	Complete/On-going	
MMRP LSAA USFWS BO Section 401 WQC	MM BT-1a-2 /Multiple ⁹	Protective Fencing	Monitoring Logs	DD&A Bio	M1W	N			NA		Draft Pre-Construction Survey Report dated September 24, 2018	Complete/On-going	
LSAA Section 401 WQC MMRP	MM BT-1c-3 /Multiple ¹⁰	Construction Equipment Inspection	Monitoring Logs	Covello	M1W	N			NA		In-ditch construction anticipated to begin on July 9.	Complete/On-going	

⁸ MMRP Mitigation Measure BT-1a-1, MMRP Mitigation Measure BT-1q-3, LSAA Administrative Measure 1.11, USFWS BO Avoidance and Minimization Measure, CRLF 3, USFWS BO Avoidance and Minimization Measure, Construction BMP 1

⁹ MMRP Mitigation Measure BT-1a-2, MMRP Mitigation Measure BT-1a-3, MMRP Mitigation Measure LU-1:-2, MMRP Mitigation Measure BT-2a-1, LSAA Avoidance and Minimization Measure 2.2, USFWS BO Avoidance and Minimization Measure, Construction BMP 2, USFWS BO Avoidance and Minimization Measure, Construction BMP 3, Section 401 WQC Condition 8, Section 401 WQC Condition 9

¹⁰ LSAA Avoidance and Minimization Measure 2.6b, LSAA Avoidance and Minimization Measure 2.6c, LSAA Avoidance and Minimization Measure 2.6f, Section 401 WQC Condition 19, MMRP Mitigation Measure BT-1c-3



Denise Duffy & Associates, Inc.
 PLANNING AND ENVIRONMENTAL CONSULTING

QUARTERLY STATUS REPORT

Project Name: PWM/GWR – Advanced Water Purification Facility
Project Manager: Denise Duffy, Project Manager; Ashley Quackenbush, Associate Planner
Report Period: Quarter 4, October 2018 – December 2018
Date of Report: January 4, 2019

The purpose of this status report is to document actions and monitoring performed by Denise Duffy & Associates (DD&A) as part of the environmental compliance process for the construction phase of the above referenced project component. This Status Report provides the necessary documentation for the State Water Resources Control Board (SWRCB) to satisfy the environmental review requirements of the Clean Water State Revolving Fund (CWSRF) Program. For detailed information on compliance with applicable mitigations and conditions, see the Environmental Compliance Plan (ECP) for the Advanced Water Purification Facility dated September 25, 2017.

WORK/TASKS PERFORMED DURING THIS REPORTING PERIOD:

Compliance Matrix: The Advanced Water Purification Facilities Mitigation Compliance Tracking Matrix is used for the purposes of monitoring and documenting compliance with the mitigation measures identified in the Mitigation Monitoring and Reporting Program (MMRP) and applicable permit conditions. DD&A regularly updates and maintains the compliance matrix to document mitigation and permit condition status throughout the construction period. The most up to date Compliance Tracking Matrix is dated December 27, 2018 and can be accessed using this Sharefile link: <https://ddaplanning.sharefile.com/d-sd40a53032944cb28>.

Meeting Attendance: DD&A participated in weekly construction progress meetings to discuss pending construction activities, schedule, and other topical items related to construction.

Biological Monitoring/Reporting: During this reporting period, DD&A conducted on-call biological monitoring and reporting of construction-related activities. Biological monitoring and reporting for the AWP component is minimal as there are no biological surveys or vegetation protections required for this component.

Employee Education: Employee Education for this project was completed onsite during previous reporting periods. DD&A will continue to coordinate with Monterey One Water and MHW to conduct Employee Education as needed to ensure compliance and that all crew members receive the required environmental education.

Tel: (831) 373-4341
 Fax: (831) 373-1417
 947 Cass Street, Suite 5
 Monterey, CA 93940

Construction Condition Compliance: During this reporting period DD&A worked closely with the Construction Manager and Construction Contractor to communicate applicable condition compliance requirements during the construction phase of the project. MWH will be informed of reporting items and any interim corrective actions needed to ensure compliance with the applicable construction phase requirements. These items have also been conveyed to the contractor to ensure the appropriate monitoring and reporting is being conducted.

Document Management/SRF Compliance: DD&A maintains applicable project permits, agency submittals, and up-to-date version of the Compliance Matrix for the ProCore and SRF Sharefile sites.

Project Management: DD&A continues to coordinate on-going project management activities, including progress billings and management, coordination of DD&A staff resources, and similarly related activities at the management level.

Document Review: During this reporting period, DD&A reviewed weekly construction meeting minutes and compliance documentation for the purposes of MMRP or condition compliance.

Submittals to Agencies: During this reporting period, DD&A did not submit any documentation to regulatory agencies on behalf of M1W.

MMRP Required Document Preparation: During this reporting period, DD&A continued to document compliance with applicable MMRP or permit condition requirements.

FUTURE MONITORING & REPORTING ACTIONS:

DD&A will continue to conduct on-going monitoring and reporting throughout the duration of remaining construction activities and will also conduct post-construction monitoring as required, in coordination with M1W and the Contractor. Future activities include meeting attendance, working with the construction team to address all during-construction and post-construction requirements, as well as conducting monitoring, reporting and employee training.

Advanced Water Purification Facility Mitigation & Condition Compliance Tracking Matrix

Lead Agency:

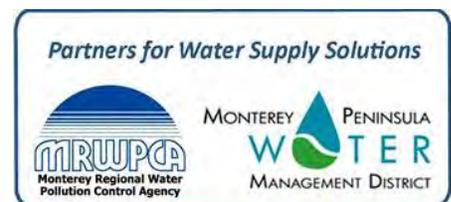
Monterey Regional Water Pollution Control Agency
Contact: Bob Holden, P.E.

Compliance Monitor:

Denise Duffy and Associates, Inc.
Contact: Ashley Quackenbush

Date: December 27, 2018

The following Mitigation Compliance Tracking Matrix was created on behalf of the Monterey Regional Water Pollution Control Agency ("MPWPCA" or "Lead Agency") to facilitate mitigation compliance for the Pure Water Monterey Groundwater Replenishment Project ("PWM/GWR) Advanced Water Purification Facility ("Project" or "AWPF"). Each of the individual mitigation measures applicable to the Project are identified below. The following table includes a brief description of the requirements of those mitigation measures, as well as key deliverables, timing of deliverables (e.g., pre-construction, during construction, etc.). In addition, this matrix also identifies the status and any relevant notes related to that mitigation measure. Please note that several mitigation measures include multiple reporting requirements. In these instances, the applicable mitigation measure is divided into separate sub-components. This compliance matrix does not include the full text of the Mitigation Monitoring & Reporting Program ("MMRP"); please refer to the MMRP for the Pure Water Monterey Groundwater Replenishment Project (MRWPCA Resolution 2015-24) for a detailed description of the mitigation requirements.



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**PWM/GWR Advanced Water Purification Facilities
Mitigation Compliance Tracking Matrix**

Source	Mitigation/ Condition Name/Number	Description	Deliverables	Timing	Date Submitted	Review Schedule	Final Draft Submitted (if applicable)	Date Approved	Notes	Mitigation Status ¹		
						Date Comments Submitted						
MMRP	AQ-1	Construction Fugitive Dust Control Measures*	Construction Specifications	Prior to construction	8/30/2017		N/A	9/13/2017	These measures are contained in submittal #01 14 10-3.0 - Fugitive Dust Control and Monitoring Plan. Dust control measures are also included in the SWPPPP	COMPLETE		
			Monitoring ²	During construction				N/A		Most recent inspection log from 3/26/2018 marked this condition as passed and did not identify any issues.	<i>ON-GOING</i>	
MMRP & USFWS Biological Opinion	BT-1a	Construction Best Management Practices*	Employee Education Program	Prior to construction			N/A		An Employee Education training protocol was provided to MNS on 9/26/17, training was initiated 10/2/17, and will be ongoing throughout the duration of construction.	COMPLETE/ON-GOING		
			Tree Protection: Evidence	Prior to construction	10/17/2017	10/17/2017	10/18/2017	10/18/2017	Vegetation protection was documented in a Memorandum from DD&A to MNS Reference: BT-1a-2 Implement Construction Best Management Practices	COMPLETE		
			Tree Protection: Reporting ³	During construction					N/A	Not applicable per memorandum from DD&A to MNS Reference: BT-1a-2 Implement Construction Best Management Practices	NOT APPLICABLE	
			Protective Fencing: Evidence	Prior to construction	10/17/2017	10/17/2017	10/18/2017	10/18/2017		Vegetation protection was documented in a Memorandum from DD&A to MNS Reference: BT-1a-2 Implement Construction Best Management Practices	COMPLETE	
			Protective Fencing: Reporting ³	During construction					N/A	Not applicable per memorandum from DD&A to MNS Reference: BT-1a-2 Implement Construction Best Management Practices	NOT APPLICABLE	
			Restore Disturbed Areas	Post construction					N/A			
			Erosion Control ³	During construction					N/A		Most recent inspection log from 3/26/2018 marked this condition as passed and did not identify any issues.	<i>ON-GOING</i>
			No Firearms ³									
			Trash Disposal ³									
			Spill Plan	Prior to construction	9/22/2017				N/A	9/27/2017	These measures are contained in submittal #01 14 10-5.0 - Onsite Spill Response Plan. Onsite spill response measures are also included in the SWPPPP	COMPLETE

**PWM/GWR Advanced Water Purification Facilities
Mitigation Compliance Tracking Matrix**

Source	Mitigation/ Condition Name/Number	Description	Deliverables	Timing	Date Submitted	Review Schedule	Final Draft Submitted (if applicable)	Date Approved	Notes	Mitigation Status ¹
						Date Comments Submitted				
			Spill Plan: Monitoring ²	During construction			N/A		Most recent inspection log from 3/26/2018 marked this condition as passed and did not identify any issues.	ON-GOING
			Staging Area Management ³							
MMRP	BT-1c	Non-Native, Invasive Species Controls*	Landscaping requirements	During construction			NA		On-going condition that will be monitored in the field; will be verified when re-planting is proposed. Most recent inspection log from 3/26/2018 marked this condition as passed and did not identify any issues.	ON-GOING
			Cleaning of Equipment	During construction						
			Removal of Invasive Species	During construction						
MMRP	BT-1k	Pre-Construction Surveys for Protected Avian Species*	Pre-Construction Survey Report(s)	Prior to Construction, if construction commences before September 15			N/A		Construction scheduled to commence after September 15 for the 2017 season, therefore no pre-construction survey is required at this time.	NOT APPLICABLE
			Construction timeframe, if avian species present							
			Avian Species Timeframe Pre-Construction Surveys, if avian species present							
			No-Disturbance Buffer, if avian species present							
MMRP	CR-2b	Discovery of Archaeological Resources or Human Remains	On-going Monitoring ²	During project construction			N/A		No action needed unless resource uncovered. Most recent inspection log from 3/26/2018 marked this condition as passed and did not identify any issues.	ON-GOING
MMRP & Section 106 Letter of Concurrence	CR-2c	Native American Notification	Notification as needed ³	During project construction			N/A		No action needed unless resource uncovered. Most recent inspection log from 3/26/2018 marked this condition as passed and did not identify any issues.	ON-GOING
MMRP & Section 106 Letter of Concurrence	EN-1	Construction Equipment Efficiency Plan*	Construction Equipment Efficiency Plan	Prior to construction	9/11/2017		N/A	9/12/2017	These measures are contained in submittal #01 14 10-1.0 - Construction Equipment Efficiency Plan. Additional measures are contained in the SWPPP.	COMPLETE
MMRP	PS-3	Construction Waste Reduction and Recycling Plan*	Construction Waste Reduction Plan	Prior to construction	9/11/2017		N/A	9/12/2017	These measures are contained in submittal #01 14 10-2.0 - Construction Equipment Efficiency Plan. Additional measures are contained in the SWPPP.	COMPLETE
			Monitoring ²	During construction			N/A		Most recent inspection log from 3/26/2018 marked this condition as passed and did not identify any issues.	ON-GOING
MMRP	TR-3	Roadway Rehabilitation Program*	Documentation	Prior to construction			10/9/2017		DD&A documented road condition.	COMPLETE

**PWM/GWR Advanced Water Purification Facilities
Mitigation Compliance Tracking Matrix**

Source	Mitigation/ Condition Name/Number	Description	Deliverables	Timing	Date Submitted	Review Schedule	Final Draft Submitted (if applicable)	Date Approved	Notes	Mitigation Status ¹
						Date Comments Submitted				
			Enforcement	Post construction						
USFWS Biological Opinion	Avoidance and Minimization Measure, Construction-Phase Monitoring	Implement Construction-Phase Monitoring	Monitoring ²	Prior to construction	10/17/2017	10/17/2017	10/18/2017	10/18/2017	Monitoring of site clearance was documented in a Memorandum from DD&A to MNS Reference: BT-1a-2 Implement Construction Best Management Practices	COMPLETE
			Handling and Relocation Protocol	Prior to construction	N/A			Handling and relocation protocol is not required for the AWPf site.	COMPLETE	
			Train On-Site Monitor	During construction	9/26/2017	N/A		9/26/2017	Construction monitor training completed as part of the Employee Education conducted on 9/26/17	COMPLETE
			Daily Inspection	During construction	N/A			Most recent inspection log from 3/26/2018 marked this condition as passed and did not identify any issues.	<i>ON-GOING</i>	
			Daily Log	During construction						
Monterey County Use Permit	Condition#2 - PD002	Permit Approval Notice	Recorded Permit Approval Notice	Prior to construction	5/2/2017	N/A		5/1/2017	Monterey County cleared condition.	COMPLETE
Monterey County Use Permit	Condition #3 - PD003(A)	Cultural Resources Negative Archaeological Report	Note on Plans	Prior to construction	4/6/2017	N/A		4/7/2017	Monterey County cleared condition.	COMPLETE
Monterey County Use Permit	Condition #4 - PD004	Indemnification Agreement	Recorded Indemnification Agreement	Prior to construction	6/23/2017	N/A		6/26/2017	Monterey County cleared condition.	COMPLETE
Monterey County Use Permit	Condition #5 - PD014(A)	Lighting Plan	Submit Lighting Plan	Prior to operation						
Monterey County Use Permit	Condition #6 – PDSP001	Fire Protection	Documentation	30-Sep-18						
Monterey County Use Permit	Condition #7 – EHSP01	Regional Water Quality Board Permit Amendment	Documentation	Prior to operation						
Monterey County Use Permit	Condition #8 – EHSP02	Waste Discharge Permit	Documentation	Prior to operation	5/15/2017	N/A		5/15/2017	Monterey County cleared condition.	COMPLETE
Monterey County Use Permit	Condition #9 – EHSP03	Business Response Plan	Documentation	Prior to operation						
Monterey County Use Permit	Condition #10 – EHSP04	Compliance for handling, storage, and disposal of Hazardous Waste	Documentation	Prior to operation						
Monterey County Use Permit	Condition #11 – EHSP05	Risk Management Plan	Documentation	Prior to operation						
Monterey County Use Permit & Grading Permit	Condition #12	Waste Discharger Identification	Documentation	Prior to grading permit	9/22/2017	N/A		9/22/2017	Monterey County cleared condition.	COMPLETE
Monterey County Use Permit & Grading Permit	Condition #13	Erosion Control Plan	Documentation	Prior to grading permit	5/4/2017	7/20/2017	9/18/2017	9/22/2017	Monterey County cleared condition.	COMPLETE
Monterey County Use Permit & Grading Permit	Condition #14	Geotechnical Certification	Documentation	Prior to final inspection						

**PWM/GWR Advanced Water Purification Facilities
Mitigation Compliance Tracking Matrix**

Source	Mitigation/ Condition Name/Number	Description	Deliverables	Timing	Date Submitted	Review Schedule	Final Draft Submitted (if applicable)	Date Approved	Notes	Mitigation Status ¹
						Date Comments Submitted				
Monterey County Use Permit & Grading Permit	Condition #15	Grading Plan	Documentation	Prior to grading permit	5/4/2017	7/20/2017	9/18/2017	9/22/2017	Monterey County cleared condition.	COMPLETE
Monterey County Use Permit & Grading Permit	Condition #16	Inspection - During Active Construction	Schedule Inspection	During construction	1/11/2017				Inspection Passed .	COMPLETE
Monterey County Use Permit & Grading Permit	Condition #17	Inspection - Following Active Construction	Schedule Inspection	Prior to final inspection						
Monterey County Use Permit & Grading Permit	Condition #18	Inspection - Prior to Land Disturbance	Schedule Inspection	Prior to land disturbance	10/13/2017				Inspection passed.	COMPLETE

1. This Table last updated on December 27, 2018

2. It is assumed that monitoring logs will be maintained on-site and DD&A will field verify as part of on-going monitoring efforts. Logs will be compiled and distributed to the project team on a regular

* **This** mitigation has multiple reporting requirements

3. Text shown in *Italics* indicates that the task is pending and/or requires on-going monitoring. Text shown in **bold** indicates that the condition/mitigation is considered complete.



Denise Duffy & Associates, Inc.
 PLANNING AND ENVIRONMENTAL CONSULTING

QUARTERLY STATUS REPORT

Project Name: PWM/GWR – Injection Well Facilities – Phase 2
Project Manager: Tyler Potter, Project Manager
Report Period: Quarter 4, October 2018 – December 2018
Date of Report: January 4, 2019

The purpose of this status report is to document actions and monitoring performed by Denise Duffy and Associates (DD&A) as part of the environmental compliance process for the construction phase of the above referenced project component. This Status Report provides the necessary documentation for the State Water Resources Control Board (SWRCB) to satisfy the environmental review requirements of the Clean Water State Revolving Fund (CWSRF) Program. For detailed information on compliance with applicable mitigations and conditions, see the Environmental Compliance Plan (ECP) for Phase 2 of the Injection Well Facilities dated May 17, 2018.

WORK/TASKS PERFORMED DURING THIS INVOICE PERIOD:

Compliance Matrix: The Phase 2 Injection Well Facilities Mitigation Compliance Tracking Matrix is used for the purposes of monitoring and documenting compliance with the mitigation measures identified in the Mitigation Monitoring and Reporting Program (MMRP) and applicable permit conditions. DD&A regularly updates and maintains the compliance matrix to document mitigation and permit condition status throughout the construction period. The most up to date Compliance Tracking Matrix is dated December 27, 2018 and can be accessed using this Sharefile link: <https://ddaplanning.sharefile.com/d-sd40a53032944cb28>.

Meeting Attendance: DD&A participated in weekly construction progress meetings to discuss pending construction activities, schedule, and other topical items related to Phase 2 of the IWF. Moreover, DD&A also participated in additional meetings to discuss construction logistics, revegetation requirements, and other items related to compliance with the MMRP.

Biological Monitoring/Reporting: DD&A conducted on-going biological monitoring of construction-related activities pursuant to the requirements of Mitigation Measure BT-1a, BT-1b, BT-1c, BT-1d and related conditions from the U.S. Fish and Wildlife Service (USFWS) Biological Opinion (BO). DD&A will continue to conduct on-going biological monitoring during construction.

Employee Education: Employee Education for this project was completed onsite during previous reporting periods. DD&A will continue to coordinate with MPWMD and Covello to conduct Employee Education as needed to ensure compliance and that all crew members receive the required environmental education.

Tel: (831) 373-4341
 Fax: (831) 373-1417
 947 Cass Street, Suite 5
 Monterey, CA 93940

Construction Condition Compliance: During this reporting period DD&A worked closely with the Construction Manager and Construction Contractor to communicate condition compliance requirements during the construction phase of the project. Covello continues to be informed of reporting items and any interim corrective actions needed to ensure compliance with the applicable construction phase requirements. These items have also been conveyed to the contractor to ensure the appropriate monitoring and reporting is being conducted.

Document Management/SRF Compliance: DD&A maintains applicable project permits, agency submittals, and up-to-date version of the Compliance Matrix for the ProCore and SRF Sharefile sites.

Project Management: DD&A continues to coordinate on-going project management activities, including progress billings and management, coordination of DD&A staff resources, and similarly related activities at the management level.

Document Review: During this reporting period, DD&A reviewed weekly construction meeting minutes and compliance documentation for the purposes of MMRP or condition compliance.

Submittals to Agencies: During this reporting period, DD&A did not submit any documentation to regulatory agencies on behalf of MPWMD.

MMRP Required Document Preparation: During this reporting period, DD&A continued to document compliance with applicable MMRP or permit condition requirements.

FUTURE MONITORING & REPORTING ACTIONS:

DD&A will continue to conduct on-going monitoring and reporting throughout the duration of remaining construction activities and will also conduct post-construction monitoring as required, in coordination with MPWMD, M1W, and the Contractor. Future activities include meeting attendance, working with the construction team to address all during-construction and post-construction requirements, as well as conducting on-going biological monitoring, reporting and employee training, as needed.

Injection Well Facilities – Phase 2 Mitigation Monitoring & Reporting Program

Compliance Monitor:

Denise Duffy and Associates, Inc.
Contact: Tyler Potter, AICP

Project Proponent:

Monterey Peninsula Water Management District
Contact: Maureen Hamilton

Date: December 27, 2018

The following Mitigation Compliance Tracking Matrix was created on behalf of the Monterey Peninsula Water Management District (“MPWMD”) to facilitate mitigation compliance for the Pure Water Monterey Groundwater Replenishment Project (“PWM/GWR”) Injection Well Facilities (“Project”). The Project is located within the city of Seaside in Monterey County, California. Each of the individual mitigation measures applicable to the Project are identified below. The following table includes a brief description of the requirements of those mitigation measures, as well as key deliverables, timing of deliverables (e.g., pre-construction, during construction, etc.), when materials were submitted for review, the date comments were provided to the Project Proponent or their representatives, the date when any revised reports were submitted, and the date the material was approved. In addition, this matrix also identifies the status and any relevant notes related to that mitigation measure. Please note that several mitigation measures include multiple reporting requirements. In these instances, the applicable mitigation measure is divided into separate sub-components. This compliance matrix does not include the full text of the Mitigation Monitoring & Reporting Program (“MMRP”); please refer to the MMRP for the Pure Water Monterey Groundwater Replenishment Project (MRWPCA Resolution 2015-24) for a detailed description of the mitigation requirements.



**PWM/GWR Injection Well Facilities – Phase 2
Mitigation Compliance Tracking Matrix**

Source	Mitigation/ Condition Name/Number	Description	Deliverables	Timing	Notes	Mitigation Status ¹
MMRP	AE-2	Minimize Construction Nighttime Lighting*	Construction Specifications	Prior to construction	Conformed Contract Documents dated April 6, 2018, contain nighttime lighting requirements; specifically, Volume 2 Technical Specifications (Section 01 50 00), Volume 3 Construction Drawings (Sheet G-004 General Notes #17), and Volume 4 Technical Specifications for Monitoring Well Clusters Construction Lighting (Section 01-08).	COMPLETE On-Going monitoring required during construction (see DD&A's memo dated 5/18/2018)
			Monitoring ²	During construction		
MMRP	AE-3	Provide Aesthetic Screening for New Above-Ground Structures	Design Specifications	Prior to construction	Conformed Contract Documents dated April 6, 2018, contain nighttime lighting requirements; specifically, Volume 3 Construction Drawings Architectural plans (sheets A-160 through A-162) and Electrical Site Landscape and Irrigation Plan (sheet L-160).	COMPLETE (see DD&A's memo dated 5/18/2018)
MMRP	AE-4	Exterior Lighting Minimization	Design Specifications	Prior to construction	DD&A following up with MPWMD/M1W.	COMPLETE (see DD&A's memo dated 6/8/2018)
MMRP	AQ-1	Construction Fugitive Dust Control Measures*	Construction Specifications	Prior to construction	Conformed Contract Documents dated April 6, 2018, contain relevant nighttime lighting requirements; specifically, Volume 2 Technical Specifications (Section 01 05 00), Volume 3 Construction Drawings (Sheet G-004 General Notes #14), and Volume 4 Technical Specifications for Monitoring Well Clusters Construction Lighting (Section 01-04).	COMPLETE On-Going Monitoring Required during Construction (see DD&A's memo dated 5/18/2018)
			Monitoring ²	During construction		

PWM/GWR Injection Well Facilities – Phase 2 Mitigation Compliance Tracking Matrix

Source	Mitigation/ Condition Name/Number	Description	Deliverables	Timing	Notes	Mitigation Status ¹
MMRP	BT-1a	Construction Best Management Practices*	Employee Education Program	Prior to construction	Employee Education Program (issued May 2017) prepared in connection with Phase 1. This plan is applicable to all phases of the project and no additional documentation is warranted. Initial training was provided May 14, 2018. Additional training will be provided as necessary.	COMPLETE (see DD&A's memo dated 6/15/2018)
			Tree Protection: Evidence	Prior to construction	DD&A observed installation on May 14-17, 2018; photographic evidence included. DD&A continues to monitor.	COMPLETE (see DD&A's memo dated 6/15/2018)
			Tree Protection: Reporting ³	During construction		
			Protective Fencing: Evidence	Prior to construction	DD&A observed installation on May 14-17, 2018; photographic evidence included. DD&A continues to monitor.	COMPLETE (see DD&A's memo dated 6/15/2018)
			Protective Fencing: Reporting ³	During construction		
			Restore Disturbed Areas	Post construction		
			Erosion Control ³	During construction		
			No Firearms ³	During construction		
			Trash Disposal ³	During construction		
			Spill Plan	Prior to construction	These measures are contained in the Conformed Contract Documents dated April 6, 2018; specifically, Volume 3 Construction Drawings Erosion Control Plan, and Volume 4 Technical Specifications for Monitoring Well Clusters Construction Lighting (Section 01-05, 01-06, and 01-10).	COMPLETE (see DD&A's memo dated 6/15/2018)
Spill Plan: Monitoring ²	During construction					
Staging Area Management ³	During construction					

**PWM/GWR Injection Well Facilities – Phase 2
Mitigation Compliance Tracking Matrix**

Source	Mitigation/ Condition Name/Number	Description	Deliverables	Timing	Notes	Mitigation Status ¹
			City of Seaside Coordination	Prior to Construction	MPWMD coordinated with the City of Seaside in connection with obtaining a grading permit. As part of these discussions, MPWMD and Seaside addressed issues concerning the proposed injection well facilities. No further action is warranted.	COMPLETE (see notes)
MMRP	BT-1b	Construction Best Management Practices*	Monitoring ²	Prior to construction	M1W/MPWMD have retained DD&A to conduct on-going monitoring of construction-related activities associated with Phase 2 construction. No additional documentation is warranted.	COMPLETE (see DD&A's memo dated 5/18/2018)
			Handling and Relocation Protocol	Prior to construction	Relocation Plan (submitted to CDFW on May 19, 2017) prepared in connection with Phase 1. This plan is applicable to all phases of the project and no additional documentation is warranted.	COMPLETE (see DD&A's memo dated 5/18/2018)
			Train On-Site Monitor	During construction		
			Daily Inspection	During construction		
			Daily Log	During construction		
MMRP	BT-1c	Non-Native, Invasive Species Controls*	Landscaping requirements	During construction		
			Cleaning of Equipment	During construction		
			Removal of Invasive Species	During construction		
MMRP	BT-1d	Pre-Construction Survey for California Legless Lizard*	Legless Lizard Management Plan	Prior to construction	LLMP and pre-construction surveys were completed by DD&A and submitted to CDFW; no further action warranted.	COMPLETE On-Going monitoring required during construction (See DD&A's memo dated 6/8/2018)
			Legless Lizard Management Plan: Pre-Construction survey	Prior to construction		
			Legless Lizard Management Plan: Monitoring ²	Prior to and during construction		
			Salvage & Relocation	Prior to and during construction		
MMRP	BT-1e	Rare Plant Restoration Plan*	Design Specifications	Prior to construction	A Rare Plant Restoration Plan is not required as it is only applicable outside	

**PWM/GWR Injection Well Facilities – Phase 2
Mitigation Compliance Tracking Matrix**

Source	Mitigation/ Condition Name/Number	Description	Deliverables	Timing	Notes	Mitigation Status ¹
			Rare Plant Restoration Plan	Prior to construction	of Former Fort Ord lands. Inside Former Fort Ord MM BT-4 takes percent.	NOT APPLICABLE (See DD&A's memo dated 5/18/2018)
			Rare Plant Restoration Plan: Monitoring ²	During and post construction		
			Conservation Easement/Land Preservation Agreement	Prior to construction		
MMRP	BT-1f	Botanical Surveys*	Pre-Construction Survey Report(s)	Prior to Construction	Botanical survey was completed in 2016 in compliance with the requirements of this mitigation. No further action is warranted.	COMPLETE (See DD&A's memo dated 6/8/2018).
			Design Specification			
			Authorization for Incidental Take, if applicable			
			Special-Status Plant Species Restoration, if applicable			
MMRP	BT-1g	Construction Surveys for Special-Status Bats*	Conservation Easement/Land Preservation Agreement	Prior to construction	DD&A completed pre-construction surveys; no bats were identified as present.	Not Applicable (See DD&A's memo dated 6/8/2018)
			Pre-Construction Survey Report(s)			
			Bat Presence Surveys, if applicable			
			Roost Exclusion Measures, if applicable			
MMRP	BT-1h	Implement MM BT-1a & BT-1b	Pre-Construction Survey Report(s)	Prior to and during construction	See applicable conditions.	ON-GOING
			Maternity Roost Avoidance, if applicable			
MMRP	BT-1i	Pre-Construction Survey for Monterey Dusky-Footed Woodrat	Pre-Construction Survey Report(s)	Prior to Construction	Pre-construction surveys completed; nine nests located and flagged. Nest to be monitored throughout duration of construction.	COMPLETE (See DD&A's memo dated 6/8/2018)
MMRP	BT-1k	Pre-Construction Surveys for Protected Avian Species*	Pre-Construction Survey Report(s)	Prior to Construction	Pre-construction surveys have been completed. No special-status avian species were documented during pre-construction surveys.	COMPLETE (See DD&A's memo dated 6/8/2018)

**PWM/GWR Injection Well Facilities – Phase 2
Mitigation Compliance Tracking Matrix**

Source	Mitigation/ Condition Name/Number	Description	Deliverables	Timing	Notes	Mitigation Status ¹
			Construction timeframe, if avian species present		Not applicable. Construction activities occurring during nesting season.	NOT APPLICABLE
			Avian Species Timeframe Pre-Construction Surveys, if avian species present		Not applicable. Construction activities occurring during nesting season.	NOT APPLICABLE
			No-Disturbance Buffer, if avian species present		Only applicable if avian species present.	NOT APPLICABLE
MMRP	BT-1m	Minimize Effects of Nighttime Construction Lighting*	Evidence of Nighttime Lighting Specifications	Prior to construction	Conformed Contract Documents dated April 6, 2018, contain nighttime lighting requirements; specifically, Volume 2 Technical Specifications (Section 01 50 00), Volume 3 Construction Drawings (Sheet G-004 General Notes #17), and Volume 4 Technical Specifications for Monitoring Well Clusters Construction Lighting (Section 01-08).	COMPLETE On-Going monitoring required during construction (see DD&A's memo dated 5/18/2018)
			Monitoring ²	During construction		
MMRP	BT-4	HMP Plant Species Salvage	Salvage Plan	Prior to, during, and after construction	Salvage Plan (dated June 6, 2017) prepared in connection with Phase 1. This plan is applicable to all phases of the project and no additional documentation is warranted.	COMPLETE On-Going monitoring required during construction (see DD&A's memo dated 5/18/2018)
MMRP	CR-2b	Discovery of Archaeological Resources or Human Remains	On-going Monitoring ²	During project construction		On-going
MMRP & Section 106 Letter of Concurrence	CR-2c	Native American Notification	Notification as needed ³	During project construction		On-going

**PWM/GWR Injection Well Facilities – Phase 2
Mitigation Compliance Tracking Matrix**

Source	Mitigation/ Condition Name/Number	Description	Deliverables	Timing	Notes	Mitigation Status ¹
MMRP & Section 106 Letter of Concurren ce	EN-1	Construction Equipment Efficiency Plan*	Construction Equipment Efficiency Plan	Prior to construction	Conformed Contract Documents Volume 2 Technical Specifications (Section 01 50 00 - 2) dated April 6, 2018, includes measures to require that the contractor implement energy efficient measures during construction. Compliance with Section 01 50 00 is sufficient for the purpose of EN-1; also contained in a separate plan.	COMPLETE (see DD&A's memo dated 5/18/2018)
MMRP	HH-2a	Environmental Site Assessment	Environmental Database Report	Prior to construction	The City of Seaside did not require a Phase 1 Environmental Site Assessment in connection with the issuance of the grading permit for the project.	NOT APPLICABLE (see DD&A's memo dated 5/18/2018)
MMRP	HH-2b	Health and Safety Plan*	Health & Safety Plan	Prior to construction	Specialty Construction Inc. prepared a Health & Safety Plan, reviewed and approved by DD&A and MPWMD	COMPLETE (see DD&A's memo dated 5/18/2018)
			Monitoring ²	During construction		
MMRP	HH-2c	Materials and Dewatering Disposal Plan*	Materials and Dewatering Disposal Plan	Prior to construction	Documentation included in Volume 4 Technical Specifications for Monitoring Well Clusters Construction Lighting (Section 01-05), Construction Drawings, Construction Support Plan, Draft Civil Works plan.	COMPLETE On-Going monitoring required during construction (see DD&A's memo dated 5/18/2018)
			Monitoring ²	During project construction		
MMRP	NV-1a	Drilling Contractor Noise Measures*	Contractor specifications	Prior to construction	Conformed Contract Documents dated April 6, 2018, contain relevant drilling	COMPLETE

**PWM/GWR Injection Well Facilities – Phase 2
Mitigation Compliance Tracking Matrix**

Source	Mitigation/ Condition Name/Number	Description	Deliverables	Timing	Notes	Mitigation Status ¹
			Well Construction Noise Control Plan	Prior to construction	contractor noise measures; specifically, Volume 2 Technical Specifications (Section 01 50 00), Volume 3 Construction Drawings (Sheet G-004 General Notes #17), and Volume 4 Technical Specifications for Monitoring Well Clusters Construction Lighting (Section 01-10 & 02-02).	On-Going monitoring required during construction (see DD&A's memo dated 5/18/2018)
MMRP	NV-1c	Neighborhood Notice	Evidence of Notice	Prior to construction	MPWMD/M1W provided evidence.	COMPLETE (see DD&A's memo dated 6/8/2018)
MMRP	PS-3	Construction Waste Reduction and Recycling Plan*	Construction Waste Reduction Plan	Prior to construction	Compliance memorandum issued; additional documentation required prior to construction of electrical building and other project elements that will generate disposable waste.	COMPLETE (see DD&A's memo dated 6/14/2018)
			Monitoring ²	During construction		
MMRP	TR-3	Roadway Rehabilitation Program*	Documentation	Prior to construction	Photographic evidence provided to DDA.	COMPLETE (see DD&A's memo dated 5/18/2018)
			Enforcement	Post construction		
USFWS BO	BMP1	Employee Education Program	Evidence of Employee Education Program	Prior to and during construction	Employee Education Program (issued May 2017) prepared in connection with Phase 1. This plan is applicable to all phases of the project and no additional documentation is warranted. Please see clearance memo for BT-1a above.	COMPLETE/On-Going
USFWS BO	BMP2	Exclusionary Fencing*	Exclusionary Fencing	Prior to construction	DD&A observed installation on May 14-17, 2018; photographic evidence included. DD&A continues to monitor.	COMPLETE (see DD&A's memo dated 6/15/2018)
			Monitoring ²	During construction		

**PWM/GWR Injection Well Facilities – Phase 2
Mitigation Compliance Tracking Matrix**

Source	Mitigation/ Condition Name/Number	Description	Deliverables	Timing	Notes	Mitigation Status ¹
USFWS BO	BMP3	Protective Fencing*	Protective Fencing	Prior to construction	DD&A observed installation on May 14-17, 2018; photographic evidence included. DD&A continues to monitor.	COMPLETE (see DD&A's memo dated 6/15/2018)
			Monitoring ²	During construction		
USFWS BO	BMP5	Erosion Control	Erosion control measures	Prior to, during, and post construction	Conformed Contract Documents dated April 6, 2018, contain erosion control measures; specifically, various erosion control measures are contained in Volume 2 Technical Specifications contains (Sections 01 11 00, 01 50 00, and 01 89 13) and Volume 3 Construction Drawings (Sheet G-004 General Notes #20, Grading Notes #6, Sheet C-001, and Sheet L-001).	COMPLETE On-Going monitoring required during construction
USFWS BO	BMP6	Firearm Restriction	N/A	During construction		
USFWS BO	BMP7	Waste Disposal	N/A	During construction		
USFWS BO	BMP8	On-Site Spill Plan	On-Site Spill Plan	During construction		
USFWS BO	Construction Phase Monitoring	Biological Monitoring*	Monitoring ²	During construction		
			Handling and Relocation Protocols	Prior to construction	Relocation Plan (submitted to CDFW on May 19, 2017) prepared in connection with Phase 1. This plan is applicable to all phases of the project and no additional documentation is warranted.	COMPLETE (please see measure BT-1b above)
			Construction Monitor: Training	During construction		
			Construction Monitor: Monitoring ²	During construction		
			Daily logs	During construction		



QUARTERLY STATUS REPORT

Project Name: PWM/GWR – Product Water Conveyance Facilities
Project Manager: Denise Duffy, Project Manager; Diana Staines, Deputy Project Manager
Report Period: Quarter 4, October 2018 – December 2018
Date of Report: December 27, 2018

The purpose of this status report is to document actions and monitoring performed by Denise Duffy and Associates (DD&A) as part of the environmental compliance process for the construction phase of the above referenced project component. This Status Report serves as a status update for the State Water Resources Control Board (SWRCB) to satisfy the environmental review requirements of the Clean Water State Revolving Fund (CWSRF) Program. For detailed information on compliance with applicable mitigations and conditions, see the Environmental Compliance Plan (ECP) for the Product Water Conveyance Facilities (also referred to as the RUWAP Project) dated June December 14, 2017.

WORK/TASKS PERFORMED DURING THIS REPORTING PERIOD:

Compliance Matrix: The Product Water Conveyance Facilities Mitigation Compliance Tracking Matrix is used for the purposes of monitoring and documenting compliance with the mitigation measures identified in the Mitigation Monitoring and Reporting Program (MMRP) and applicable permit conditions. DD&A regularly updates and maintains the compliance matrix to document mitigation and permit condition status throughout the construction period. The most up to date Compliance Tracking Matrix is dated December 27, 2018 and can be accessed using this Sharefile link: <https://ddaplanning.sharefile.com/d-sc1c07cfde4a4860a>.

Meeting Attendance: DD&A participated in regularly scheduled bi-weekly construction meetings to discuss pending construction activities, schedule, and other topical items related to construction. Moreover, DD&A also participated in additional meetings to discuss construction logistics, and other items related to compliance with the MMRP.

Biological Monitoring/Reporting: During this reporting period, DD&A qualified biologists conducted pre-construction biological surveys pursuant to the requirements of Mitigation Measures 4.4-R1, BT-1k, 4.4-R6, BT-1i, and CUM-R2 and related conditions from the U.S. Fish and Wildlife Service Biological Opinion. Weekly biological monitoring of the Product Water Conveyance Facilities alignment continued to occur during construction.

Employee Education: Employee Education for this project was completed onsite during previous

Tel: (831) 373-4341
Fax: (831) 373-1417
947 Cass Street, Suite 5
Monterey, CA 93940

reporting periods. DD&A will continue to coordinate with Marina Coast Water District and MHW to conduct Employee Education as needed to ensure compliance and that all crew members receive the required environmental education.

Construction Condition Compliance: During this reporting period DD&A worked closely with the Construction Manager and Construction Contractor to communicate applicable condition compliance requirements during the construction phase of the project. MWH will be informed of reporting items and any interim corrective actions needed to ensure compliance with the applicable construction phase requirements. These items have also been conveyed to the contractor to ensure the appropriate monitoring and reporting is being conducted.

Document Management/SRF Compliance: DD&A maintains applicable project permits, agency submittals, and up-to-date version of the Compliance Matrix for the EADoc and SRF Sharefile sites.

Project Management: DD&A continues to coordinate DD&A staff resources as part of on-going project management activities, including progress billings and management, coordination of DD&A staff resources, and similarly related activities at the management level.

Document Review: During this reporting period, DD&A reviewed bi-weekly construction meeting minutes and compliance documentation for the purposes of MMRP or condition compliance.

Submittals to Agencies: During this reporting period, DD&A did not submit any documentation to regulatory agencies on behalf of MCWD.

MMRP Required Document Preparation: During this reporting period, DD&A continued to document compliance with applicable MMRP or permit condition requirements.

FUTURE MONITORING & REPORTING ACTIONS:

DD&A will continue to conduct on-going monitoring and reporting throughout the duration of remaining construction activities and will also conduct post-construction monitoring as required, in coordination with Marina Coast Water District and the Contractor. Future activities include meeting attendance, working with the construction team to address all during-construction and post-construction requirements, as well as conducting on-going biological monitoring, reporting and employee training.

Product Water Conveyance Facilities Mitigation and Condition Compliance Tracking Matrix

Lead Agency:

Marina Coast Water District
Contact: Mike Wegley

Compliance Monitor:

Denise Duffy and Associates, Inc.
Contact: Diana Staines

Construction Manager:

MWH Constructors
Brian Jensen

Date: December 27, 2018

This Mitigation and Condition Compliance Tracking Matrix is prepared on behalf of the Marina Coast Water District (“Lead Agency”) to facilitate mitigation compliance for the Product Water Conveyance Facilities shared by the Regional Urban Water Augmentation Project and the Pure Water Monterey Groundwater Replenishment Project (“Project”). The Project is located within unincorporated Monterey County and the Cities of Marina and Seaside. Each of the individual construction phase mitigation measures and conditions applicable to the Project are identified below. The following table includes a brief description of the requirements of those mitigation measures and conditions, as well as key deliverables, when materials were submitted for review, the date comments were provided to the Project Proponent or their representatives, the date when any revised reports were submitted, and the date the material was approved. In addition, this matrix also identifies the status and any relevant notes related to that mitigation measure. **Please note that several mitigation measures include multiple reporting requirements. In these instances, the applicable mitigation measure is divided into separate sub-components. These compliance matrices are meant to be used as a summary and compliance tool and thus do not include the full text of the mitigations from the Mitigation Monitoring & Reporting Program (“MMRP”); please refer to the Permit Handbook in this ECP if needed to see the full text of these mitigations and conditions.**



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**Product Water Conveyance Facilities
Mitigation Compliance Tracking Matrix**

Source	Mitigation/ Condition Name/ Number	Description	Deliverable	Responsibility to Prepare/Implement	Responsibility to Review	Requires Regulatory Agency Submittal(Y/N)	Internal Review Schedule		Notes (specify agency approval)	Compliance Status ¹
							Date Submitted	Date Approved		
MMRP	4.3-R1	Water Active Construction Areas	Dust Control Plan (included in SWPPP)	Mountain Cascade	DD&A	N	NA	Dust Control Plan submitted as part of SWPPP. MCI responsible for onsite compliance.	Ongoing Monitoring	
MMRP	4.3-R1	Prohibit Grading During High Wind	Dust Control Plan (included in SWPPP)	Mountain Cascade	DD&A	N	NA	Dust Control Plan submitted as part of SWPPP. MCI responsible for onsite compliance.	Ongoing Monitoring.	
MMRP	4.3-R1	Cover Hauling Trucks	Dust Control Plan (included in SWPPP)	Mountain Cascade	DD&A	N	NA	Dust Control Plan submitted as part of SWPPP. MCI responsible for onsite compliance.	Ongoing Monitoring	
MMRP	4.3-R1	Pave, Water, or Apply Stabilizers	Dust Control Plan (included in SWPPP)	Mountain Cascade	DD&A	N	NA	Dust Control Plan submitted as part of SWPPP. MCI responsible for onsite compliance.	Ongoing Monitoring	
MMRP	4.3-R1	Sweep daily – Construction Sites	Dust Control Plan (included in SWPPP)	Mountain Cascade	DD&A	N	NA	Dust Control Plan submitted as part of SWPPP. MCI responsible for onsite compliance.	Ongoing Monitoring	
MMRP	4.3-R1	Sweep Daily Streets	Dust Control Plan (included in SWPPP)	Mountain Cascade	DD&A	N	NA	Dust Control Plan submitted as part of SWPPP. MCI responsible for onsite compliance.	Ongoing Monitoring.	
MMRP	4.3-R1	Hydroseed or Apply Stabilizers	Dust Control Plan (included in SWPPP)	Mountain Cascade	DD&A	N	NA	Dust Control Plan submitted as part of SWPPP. MCI responsible for onsite compliance.	Ongoing Monitoring	
MMRP	4.3-R1	Exposed Stockpile Management	Dust Control Plan (included in SWPPP)	Mountain Cascade	DD&A	N	NA	Dust Control Plan submitted as part of SWPPP. MCI responsible for onsite compliance.	Ongoing Monitoring	
MMRP	4.3-R1	Limit Traffic Speed	Dust Control Plan (included in SWPPP)	Mountain Cascade	DD&A	N	NA	Dust Control Plan submitted as part of SWPPP. MCI responsible for onsite compliance.	Ongoing Monitoring.	
MMRP and Biological Opinion	4.3-R1 and 4.4-R12	Erosion Control Measures	Dust Control Plan (included in SWPPP)	Mountain Cascade	DD&A	N	NA	Dust Control Plan submitted as part of SWPPP. MCI responsible for onsite compliance.	Ongoing Monitoring	
MMRP	4.3-R1	Replant Vegetation	Dust Control Plan (included in SWPPP)	Mountain Cascade	DD&A	N	NA	Dust Control Plan submitted as part of SWPPP. MCI responsible for onsite compliance.	Ongoing Monitoring	
MMRP	4.3-R1	Install Wheel Washers	Dust Control Plan (included in SWPPP)	Mountain Cascade	DD&A	N	NA	Dust Control Plan submitted as part of SWPPP. MCI responsible for onsite compliance.	Ongoing Monitoring.	
MMRP	4.3-R1	Limit Construction Area	Dust Control Plan (included in SWPPP)	Mountain Cascade	DD&A	N	NA	Dust Control Plan submitted as part of SWPPP. MCI responsible for onsite compliance.	Ongoing Monitoring	
MMRP	4.3-R1	Post Sign for Dust Complaints including MBARD phone number	Dust Complaint Sign Posted On-Site	Mountain Cascade	DD&A	N	NA	Sign Posted onsite. Any complaints can be made using project hotline number provided in noticing materials.	Complete	
MMRP MMRP and Biological Opinion	4.4-R1 and BT-1e	Rare Plant Restoration Plan – Ongoing Monitoring	Biological Logs	DD&A	MHW/MCDW	N	NA	DD&A maintains biological monitoring logs internally. Logs can be made available upon request.	Ongoing Monitoring	
MMRP	4.4-R4	Construction Monitoring Program for Coast Horned Lizards – Ongoing Monitoring	Biological Logs	DD&A	MHW/MCDW	Y	NA	DD&A maintains biological monitoring logs internally. Logs can be made available upon request.	Ongoing Monitoring.	
MMRP and Biological Opinion	4.4-R9	Exclusionary Fencing – Maintenance	Biological Logs	DD&A	MHW/MCDW	N	NA	DD&A maintains biological monitoring logs internally. Logs can be made available upon request.	Ongoing Monitoring	
MMRP and Biological Opinion	4.4-R11	Protective fencing – Maintenance	Biological Logs	DD&A	MHW/MCDW	N	NA	DD&A maintains biological monitoring logs internally. Logs can be made available upon request.	Ongoing Monitoring	

¹ As of today's date: December 27, 2018

**Product Water Conveyance Facilities
Mitigation Compliance Tracking Matrix**

Source	Mitigation/ Condition Name/ Number	Description	Deliverable	Responsibility to Prepare/Implement	Responsibility to Review	Requires Regulatory Agency Submittal(Y/N)	Internal Review Schedule		Notes (specify agency approval)	Compliance Status ¹
							Date Submitted	Date Approved		
MMRP and Biological Opinion	BT-1a	No Firearms	Daily Logs	Mountain Cascade / MWH	MCWD	N		NA	MHW maintains daily construction monitoring logs internally. Logs can be made available upon request.	Ongoing Monitoring.
MMRP and Biological Opinion	BT-1a	Spill Prevention in Staging Area	Daily Logs	Mountain Cascade / MWH	MCWD	N		NA	MHW maintains daily construction monitoring logs internally. Logs can be made available upon request.	Ongoing Monitoring.
MMRP and Biological Opinion	BT-1b	Monitor Ground Disturbing Activities	Biological Logs	DD&A	MHW/MCDW	N		NA	DD&A maintains biological monitoring logs internally. Logs can be made available upon request.	Ongoing Monitoring.
MMRP	BT-1c	Replanting Requirement	Biological Logs	DD&A	MHW/MCDW	N		NA	DD&A maintains biological monitoring logs internally. Logs can be made available upon request.	Ongoing Monitoring.
MMRP	BT-1c	Seed Mix Requirements	Biological Logs	DD&A	MHW/MCDW	NM		NA	DD&A maintains biological monitoring logs internally. Logs can be made available upon request.	Ongoing Monitoring.
MMRP	BT-1c	Construction Equipment Cleaning	Daily Logs	Mountain Cascade / MWH	MCWD	N		NA	MHW maintains daily construction monitoring logs internally. Logs can be made available upon request.	Ongoing Monitoring.
MMRP	BT-1c	Removal of Non-native, Invasive Plants	Biological Logs	DD&A	MHW/MCDW	N		NA	DD&A maintains biological monitoring logs internally. Logs can be made available upon request.	Ongoing Monitoring.
MMRP	BT-1d	Legless Lizard Management Plan – Ongoing Monitoring	Biological Logs	DD&A	MHW/MCDW	N		NA	DD&A maintains biological monitoring logs internally. Logs can be made available upon request.	Ongoing Monitoring.
MMRP	BT-1g	Construction Monitoring – Special Status Bat Species ²	Biological Logs	DD&A	MHW/MCDW	N		NA	DD&A maintains biological monitoring logs internally. Logs can be made available upon request.	Ongoing Monitoring.
MMRP and Biological Opinion	4.4-R22	Disposal of Food-Related Items and Trash	Daily Logs	Mountain Cascade / MWH	MCWD	N		NA	MHW maintains daily construction monitoring logs internally. Logs can be made available upon request.	Ongoing Monitoring.
MMRP	BT-4	Salvage Plan – Implementation	Biological Logs	DD&A	MHW/MCDW	N		NA	DD&A maintains biological monitoring logs internally. Logs can be made available upon request.	Ongoing Monitoring.
MMRP and Section 108 Letter of Concurrence	4.6-R2	Cease Work if Archaeological Resources are Discovered	Daily Logs	Mountain Cascade / MWH	MCWD	N		NA	Only if resources are recovered	NA
MMRP and Section 108 Letter of Concurrence	CR-2c	Native American Notification	Daily Logs	Mountain Cascade / MWH	MCWD	N		NA	Only if resources are recovered	NA
MMRP	4.6-R3	Compliance with Archaeological Policies and Programs	Project Specifications	Mountain Cascade / MWH	MCWD	N		NA	Contractor is required to comply with all applicable regulations.	Ongoing
MMRP	4.6-R4	Archaeological Survey Report ³	NA	NA	NA	NA		NA	No longer applicable to project, see memo for justification.	NA
MMRP	4.6-R5	CEQA Evaluation of Cultural Resources	NA	NA	NA	NA		NA	No longer applicable to project, see memo for justification.	NA

² Only required if it is determined that bats are utilizing the site and may be impacted by the Project.

³ Only required if cultural resources are found during Archeological Inventory of Unsurveyed Areas.

**Product Water Conveyance Facilities
Mitigation Compliance Tracking Matrix**

Source	Mitigation/ Condition Name/ Number	Description	Deliverable	Responsibility to Prepare/Implement	Responsibility to Review	Requires Regulatory Agency Submittal(Y/N)	Internal Review Schedule		Notes (specify agency approval)	Compliance Status ¹
							Date Submitted	Date Approved		
MMRP	4.6-R9	Evaluation of Cultural Resources ⁴	Daily Logs	Mountain Cascade / MWH	MCWD	N	NA		Only if resources are recovered	NA
MMRP	EN-1	Construction Equipment Efficiency Plan – Implementation	Daily Logs	Mountain Cascade / MWH	MCWD	N	NA		MHW maintains daily construction monitoring logs internally. Logs can be made available upon request.	Ongoing Monitoring.
MMRP	HH-2b	Health and Safety Plan – Implementation	Daily Logs	Mountain Cascade / MWH	MCWD	N	NA		MHW maintains daily construction monitoring logs internally. Logs can be made available upon request.	Ongoing Monitoring.
MMRP	HH-2c	Materials Disposal Plan – Ongoing Monitoring	Daily Logs	Mountain Cascade / MWH	MCWD	N	NA		MHW maintains daily construction monitoring logs internally. Logs can be made available upon request.	Ongoing Monitoring.
MMRP	4.8-R1	Military Munitions Monitor	Sign-In Sheets	Mountain Cascade / MWH	MCWD	N			Not yet applicable	NA
MMRP	4.8-R2	Military Munitions Safety Measures ⁵	Daily Logs	Mountain Cascade / MWH	MCWD	N	NA		MHW maintains daily construction monitoring logs internally. Logs can be made available upon request.	Ongoing Monitoring.
MMRP	4.11-R2	Location of Noise-generating Equipment	Daily Logs	Mountain Cascade / MWH	MCWD	N	NA		MHW maintains daily construction monitoring logs internally. Logs can be made available upon request.	Ongoing Monitoring.
MMRP	4.11-R2	Shield Noise-generating Equipment ⁶	Daily Logs	Mountain Cascade / MWH	MCWD	N	NA		MHW maintains daily construction monitoring logs internally. Logs can be made available upon request.	Ongoing Monitoring.
MMRP	4.11-R2	Nosie Reducing Engine Housings ⁷	Daily Logs	Mountain Cascade / MWH	MCWD	N	NA		MHW maintains daily construction monitoring logs internally. Logs can be made available upon request.	Ongoing Monitoring.
MMRP	4.11-R2	Portable acoustic barriers ⁸	Daily Logs	Mountain Cascade / MWH	MCWD	N	NA		MHW maintains daily construction monitoring logs internally. Logs can be made available upon request.	Ongoing Monitoring.
MMRP	4.11-R3	Sound Control Devices on Gasoline and Diesel Engines	Daily Logs	Mountain Cascade / MWH	MCWD	N	NA		MHW maintains daily construction monitoring logs internally. Logs can be made available upon request.	Ongoing Monitoring.
MMRP	NV-2b	Limit Construction Hours in City of Marina	Daily Logs	Mountain Cascade / MWH	MCWD	N	NA		MHW maintains daily construction monitoring logs internally. Logs can be made available upon request.	Ongoing Monitoring.
MMRP	4.11-R4	Shut-off Nosie Generating Equipment	Daily Logs	Mountain Cascade / MWH	MCWD	N	NA		MHW maintains daily construction monitoring logs internally. Logs can be made available upon request.	Ongoing Monitoring.
MMRP	NV-2a	Sound Control Devices on Internal Combustion Engines	Daily Logs	Mountain Cascade / MWH	MCWD	N	NA		MHW maintains daily construction monitoring logs internally. Logs can be made available upon request.	Ongoing Monitoring.
MMRP	NV-2a	Impact Tools Requirements	Daily Logs	Mountain Cascade / MWH	MCWD	N	NA		MHW maintains daily construction monitoring logs internally. Logs can be made available upon request.	Ongoing Monitoring.
MMRP	NV-2a	Location of Stationary Sources	Daily Logs	Mountain Cascade / MWH	MCWD	N	NA		MHW maintains daily construction monitoring logs internally. Logs can be made available upon request.	Ongoing Monitoring.
MMRP	NV-2a	City of Marina Noise Requirements	Daily Logs	Mountain Cascade / MWH	MCWD	N	NA		MHW maintains daily construction monitoring logs internally. Logs can be made available upon request.	Ongoing Monitoring.
MMRP	4.13-R1	Maintain Public Access to Open Space	Daily Logs	Mountain Cascade / MWH	MCWD	N	NA		MHW maintains daily construction monitoring logs internally. Logs can be made available upon request.	Ongoing Monitoring.
MMRP	PS-3	Construction Waste Reduction and	Daily Logs	Mountain Cascade / MWH	MCWD	N	NA		MHW maintains daily construction monitoring logs internally. Logs can be made available upon request.	Ongoing Monitoring.

⁴ When resources are encountered.

⁵ In the event military munitions are suspected or discovered.

⁶ Where possible.

⁷ If Stationary noise sources are located within 500 feet of noise-sensitive receptors

⁸ If noise-generating equipment is located less than 200 feet from noise-sensitive receptors.

**Product Water Conveyance Facilities
Mitigation Compliance Tracking Matrix**

Source	Mitigation/ Condition Name/ Number	Description	Deliverable	Responsibility to Prepare/Implement	Responsibility to Review	Requires Regulatory Agency Submittal(Y/N)	Internal Review Schedule		Notes (specify agency approval)	Compliance Status ¹
							Date Submitted	Date Approved		
		Recycling Plan – Implementation								
MMRP	4.14-R2	TCP Requirement - Continual coordination with the Affected Agencies	Email correspondence/Meeting Minutes	Mountain Cascade	MHW/MCWD	N		NA	MCI has been in contact with affected agencies, MCI will comply with all encroachment permit conditions.	Ongoing Monitoring.
MMRP	4.14-R6	Coordination with MST	Email correspondence with MST	Mountain Cascade	MHW/MCWD	N		NA	MCI has been in coordinated with MST to ensure access to stops	Ongoing Monitoring.
MMRP	4.14-R7	Maintain Access to MST Bus Stops	Email correspondence with MST	Mountain Cascade	MHW/MCWD	N		NA	MCI has been in coordinated with MST to ensure access to stops	Ongoing Monitoring.
Record of Environmental Consideration	7.1.2.4.b(i)	Coordination with the POM Cultural Resource Manager and compliance with Integrated Cultural Resource Management Plan ⁹	Email correspondence with POM	Mountain Cascade	MHW/MCWD	N		NA	Only in the case of inadvertent discoveries	NA
Record of Environmental Consideration	7.1.2.8.b(i)	Compliance General Permit to Discharge Stormwater	Daily Logs	Mountain Cascade	MHW/MCWD	N		NA	Onsite QSP to ensure compliance with SWPPP. MHW maintains daily construction monitoring logs internally. Logs can be made available upon request.	Ongoing Monitoring.
Biological Opinion	Terms and Conditions (b)	Appropriate Relocation of CRLF	Biological Logs	DD&A	MHW/MCDW	N		NA	Only needed of CRLF are encountered	NA
MMRP	4.7-R3	Recycled Water Emergency Response Procedures	Emergency Procedures	MCWD	MCWD	N			Not yet applicable	Incomplete/ Not yet required

⁹ Only in the case of inadvertent discoveries.