

Dust Control Plan (DCP)

DCP for Monterey Peninsula Water Supply Project (MPWSP)

Desalination Plant

Project Address:

14175 Del Monte Blvd.

Marina, CA 93933

Owner:

California American Water Company

511 Forest Lodge Road, Suite 100

Pacific Grove, CA 93950

General Contractor/Report Prepared By:

CDM Constructors, Inc. (CCI)

1808 Ashton Ave., Suite 240

Carlsbad, CA 92008

Preparation Date:

October 6, 2025

1. Project General Information

Project Name: Monterey Peninsula Water Supply Project (MPWSP) Desalination Facilities

Project Address: 14177 Del Monte Blvd., Marina CA 93933

Cities/County: Desalination Plant property is within unincorporated Monterey County

Construction Dates: November 2025 through June 2028

Disturbed Surface Area: 20 acres

Project Description:

The MPWSP Desalination Plant project site (APN 229-011-021) is situated between Charles Benson Road and the Salinas River, east of Highway 1 and west of the Monterey Regional Waste Management District landfill. The site is currently undeveloped. The project includes construction of a new desalination plant within the project site which includes clearing and grubbing of the site, mass grading, site paving and treatment facilities including buildings, storage tanks, ponds, various equipment pads, new electrical service and yard piping including electrical and communications conduits.

The following construction activities are potential sources of dust:

- Site clearing and grubbing
- Site grading
- Construction of yard piping, equipment slabs, tanks, ponds and buildings
- Site paving activities

Attachment 1 shows a general layout of the construction site and proposed facilities.

2. Site Contacts

Project Owner: California American Water Company

Tim O' Halloran, Engineering Manager – Coastal Division

(831) 320-1384

General Contractor: CDM Constructors, Inc.

Tyler Marriott – Project Manager

(310) 925-0019

3. Best Management Practices (BMPs) and Actions

Dust control activities will consist of applying water and/or other dust palliatives to prevent or alleviate airborne emissions from exposed excavation areas or stockpiles from the forces of wind.

Dust control will be applied in accordance with project specifications (Section 01562 – Dust Control) as well as all local requirements related to dust emissions. The following actions and BMPs will be taken during construction of the desalination plant:

- Water will be applied to active and inactive exposed areas a minimum of three (3) times daily and or more frequently based on the construction activities, exposed area and wind conditions.
 - Nontoxic soil stabilizers may be used for unpaved access roads, parking areas, and staging areas under direction of trained staff or as necessary if daily water application (3x per day) are not effective or feasible.
- Hydroseed and/or apply (non-toxic) soil stabilizers to inactive construction areas (previously graded areas inactive for 10 days or more)
- Stockpiles will be adequately wetted (twice daily) or covered when not in use at the end of each workday.
- Street sweeping (with water sweepers) will be performed for paved streets daily, and as necessary if soil or debris present on paved areas.
- Potable water will be trucked on-site for construction.
- Equipment/vehicle speed within active or disturbed areas will be limited to approximately 15 miles per hour (mph) or less to minimize visible dust generation on exposed soils. Speed limit signs will be installed for all unpaved areas to limit equipment or vehicle speed to 15 mph or less.
- Haul trucks will be covered and maintain a minimum of 2 feet of freeboard for hauling operations of soil, sand, and other construction materials within public roads. If the 2 feet of freeboard is ineffective, all haul trucks will be covered.
- Soil drop heights will be minimized while loading trucks to minimize potential dust generation.
- Excavation/grading activities will be suspended during high wind conditions, 15 mph or greater wind. Additional dust control actions will be taken such as additional watering or covering of exposed stockpiles and spoils with plastic liners or traps.
- Erosion and sediment control BMPs will be deployed as outlined in the site specific SWPPP to appropriately stabilize disturbed soil areas and provide secondary containment.

- Stabilized construction entrance/exits will be deployed between paved and unpaved areas as outlined in the site specific SWPPP to minimize dirt track to paved areas. Rock aggregate (3-6" -minus) underlined with fabric, steel rumble plates or other equivalent BMPs will be used for the stabilized entrance/exit.
- Wheel washers shall be installed and used by truck operators at the exits of the construction site.
- All construction and staging areas are surrounding by an existing site fence that will be maintained during construction with locked gates restricting access to the site to prevent dust emissions.

4. Signage

Publicly visible signage will be posted along the project fence-line with telephone numbers of CCI's designated staff related to dust complaints. Signage shall also include the phone number of the Monterey Bay Air Resources District (MBARD).

5. Maintenance and Management:

During all phases of construction, the active and inactive areas will be assessed daily. Designated construction foreman will perform inspections daily during shifts. If any dirt/debris is present on the road outside the direct construction area, CCI will utilize a sweeper to remove the dirt/debris. The project superintendent will spot check areas to ensure no dust issues are present. As necessary, based on the field assessment additional actions will be taken using the BMPs and actions outlined above to minimize dust and address potential problem areas by the end of day.

In the event that a complaint arises related to construction of the desalination plant, the following CCI staff will respond within 48 hours:

Tyler Marriott – Project Manager

(310) 925-0019

6. Contingencies

During unforeseen incidents, if dust emissions become uncontrollable, construction activities will cease immediately until appropriate actions can be implemented or dust emissions are in compliance with local requirements. Additional water trucks will be available for use on an on-call/as needed basis.

Attachments: Attachment 1 – Construction Management Plan/Site Map

CONSTRUCTION MANAGEMENT PLAN NOTES

1. THIS CONSTRUCTION MANAGEMENT PLAN (CMP) WAS DEVELOPED IN SUBSTANTIAL CONFORMANCE WITH THE CMP PREPARED BY DENISE DUFFY & ASSOCIATES, DATED APRIL 11, 2019, AS REQUIRED BY MONTEREY COUNTY CONDITION #20.
2. SEE SHEET G13 FOR LOCATIONS OF ON-SITE TEMPORARY WASTE MANAGEMENT FACILITIES AND FOR TEMPORARY WATER POLLUTION CONTROLS.
3. SEE SHEET G16 FOR OTHER CONDITIONS OF APPROVAL AND MITIGATION MEASURES.
4. CONSTRUCTION DURATION: FALL 2025 – FALL 2028 (3 YEARS)
5. WORK HOURS: 7:00 A.M. TO 7:00 P.M., MONDAY THROUGH FRIDAY.
6. VEHICLE SPEEDS WITHIN THE PROJECT AREA SHALL NOT EXCEED 15 MILES PER HOUR.
7. CHARLES BENSON ROAD IS A PRIVATE ROAD OWNED BY MONTEREY WASTE MANAGEMENT DISTRICT (MRWMD), AND IS OPEN TO THE PUBLIC FROM 7:00 AM TO 4:00 PM MONDAY THROUGH FRIDAY AND 8:00 AM TO 4:00 PM SATURDAYS. THE CONTRACTOR(S) WILL COORDINATE WITH MRWMD AS NEEDED FOR AFTER HOUR ACCESS.
8. LARGE MATERIAL DELIVERIES WILL BE COORDINATED WITH MRWMD AS REQUIRED. TEMPORARY TRAFFIC CONTROLS MAY BE USED IF WARRANTED BY THE NUMBER OF SCHEDULED DELIVERIES AND LOAD SIZES. ANY PROPOSED TEMPORARY TRAFFIC CONTROLS ON CHARLES BENSON ROAD WILL BE COORDINATED AND APPROVED BY MRWMD IN ADVANCE.
9. MATERIALS AND EQUIPMENT DELIVERIES WILL GENERATE AN ESTIMATED MAXIMUM OF 55 TRUCK ROUND-TRIPS PER DAY. THERE ARE NO TRUCK TRIPS ANTICIPATED FOR IMPORT OR EXPORT OF SOIL (EARTHWORK IS BALANCED ON SITE).
10. THE NUMBER OF WORKERS WILL VARY DURING CONSTRUCTION, WITH A MAXIMUM ESTIMATED 88 WORKERS PER DAY. CONSTRUCTION WORKERS ARE ESTIMATED TO GENERATE UP TO 97 ROUND-TRIPS PER DAY (88 COMMUTE TRIPS AND 9 MIDDAY TRIPS).
11. IF REQUIRED BY ENCROACHMENT PERMIT, SCHEDULE TRUCK TRIPS OUTSIDE OF PEAK MORNING AND EVENING COMMUTE HOURS AND SCHEDULE CONSTRUCTION ACTIVITIES TO MINIMIZE IMPACTS DURING HEAVY RECREATIONAL USE PERIODS (WEEKENDS AND HOLIDAYS) .
12. MAINTAIN ACCESS ON CHARLES BENSON ROAD FOR EMERGENCY VEHICLES AT ALL TIMES. COORDINATE WITH FACILITY OWNERS OR ADMINISTRATORS OF SENSITIVE LAND USES SUCH AS POLICE AND FIRE STATIONS, TRANSIT STATIONS, HOSPITALS, AND SCHOOLS. PROVIDE ADVANCE NOTIFICATION TO LOCAL POLICE, FIRE, AND EMERGENCY SERVICE PROVIDERS OF THE TIMING, LOCATION, AND DURATION OF CONSTRUCTION ACTIVITIES THAT COULD AFFECT THE MOVEMENT OF EMERGENCY VEHICLES ON AREA ROADWAYS.

CONSTRUCTION COORDINATOR

NAME: TYLER MARRIOTT, PROJECT MANAGER

CDM SMITH
1808 ASHTON AVE, SUITE 240, CARLSBAD, CA 92008

EMAIL: marriotts@cdmsmith.com

24-HOUR PHONE NUMBER: (310) 925-0019

THE CONSTRUCTION CONTRACTOR SHALL PROVIDE A CONSTRUCTION COORDINATOR THAT CAN BE CONTACTED SHOULD QUESTIONS ARISE DURING CONSTRUCTION (IN CASE OF BOTH REGULAR INQUIRIES AND EMERGENCIES). THEIR CONTACT INFORMATION, INCLUDING THEIR ADDRESS AND 24-HOUR PHONE NUMBER, SHALL BE CONSPICUOUSLY POSTED AT THE JOB SITE IN A MANNER THAN THE CONTACT INFORMATION IS READILY VISIBLE FROM PUBLIC VIEWING AREAS. THE SIGN SHALL INDICATE THAT THE CONSTRUCTION COORDINATOR SHOULD BE CONTACTED TO ANSWER ANY QUESTIONS. THE CONSTRUCTION COORDINATOR SHALL RECORD THE NAME, PHONE NUMBER AND NATURE OF ALL COMPLAINTS (IF ANY) RECEIVED DURING CONSTRUCTION, AND SHALL INVESTIGATE COMPLAINTS AND TAKE REMEDIAL ACTION, IF NECESSARY, WITHIN 24 HOURS OF RECEIPT OF THE COMPLAINT OR INQUIRY.

CONTACT INFORMATION

PROJECT ADDRESS:

14175 DEL MONTE BLVD
MARINA, CA 93933

OWNER, PRIMARY CONTACT:

TIM O'HALLORAN, ENGINEERING MANAGER– COASTAL DIVISION
CALIFORNIA-AMERICAN WATER COMPANY
511 FOREST LODGE ROAD #100, PACIFIC GROVE, CA 93950

OFFICE PHONE: (619) 646-3291
CELL PHONE: (831) 320-1384
EMAIL: Tim.OHalloran@amwater.com

DESIGN-BUILD CONTRACTOR, PRIMARY CONTACT:

TYLER MARRIOTT, PROJECT MANAGER
CDM SMTH
1808 ASHTON AVE, SUITE 240, CARLSBAD, CA 92008

OFFICE PHONE: (760) 710-4682
CELL PHONE: (310) 925-0019
EMAIL: marriotts@cdmsmith.com

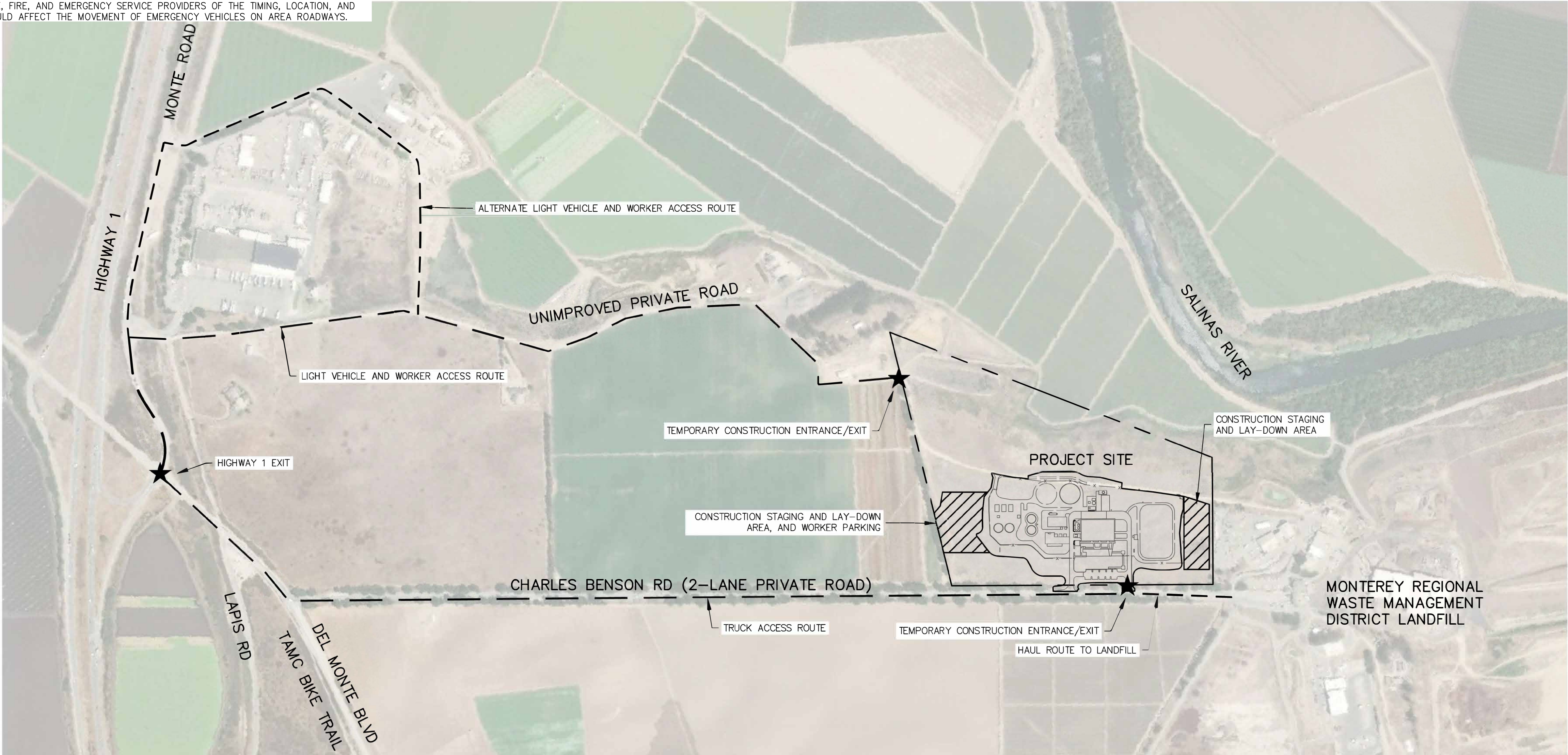
DESIGN-BUILD CONTRACTOR, SECONDARY CONTACT:

THOMAS A. VISOSKY, JR., PE, VICE PRESIDENT
600 WILSHIRE BLVD., SUITE 750, LOS ANGELES, CA 90017

OFFICE PHONE: (213) 457-2133
CELL PHONE: (213) 200-3903
EMAIL: VisoskyTA@cdmsmith.com

EARTHWORK SUMMARY

CUT = 56,000 CY
FILL = 44,000 CY
ON-SITE BALANCE



REVISIONS		REVISIONS	
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**CDM
Smith**

2300 Clayton Road, Suite 950
Concord, CA 94520
Tel: (925) 933-2900

RICHARD P. WEBER

CA LICENSED PROFESSIONAL ENGINEER
NO. C55219

WHITSON ENGINEERS
6 HARRIS COURT
MONTEREY, CA 93940



DRAWN BY N. MILAM
PROJECT ENG'R N. MILAM

DATE MAY 2025

PROJECT 154001-0191

MPWSP DESALINATION INFRASTRUCTURE PROJECT
GENERAL
CONSTRUCTION MANAGEMENT PLAN

CALIFORNIA AMERICAN WATER CO.	COASTAL DIVISION	USE DIMENSIONS ONLY SCALE 1" = 300'
USE APPROVED DRAWINGS ONLY FOR CONSTRUCTION PURPOSES	DRAFT PERMIT SET	154001-0191-G15