

Dust Control Plan (DCP)

For

Transmission Mains Monterey Peninsula Water Supply Project (TMMPWSP)

Transfer Pipeline

Cities of Seaside and Marina

Monterey County, CA

Owner:

California American Water Company

511 Forest Lodge Road, Suite 100

Pacific Grove, California 93950

General Contractor:

Garney Construction

324 E. 11th St, Suite E2

Tracy, CA 95376

DCP Prepared By:

Kaz & Associates, LLC

6600 Goodyear Road

Benicia, CA 94510

Preparation Date:

July 25, 2019

Section 1: Project General Information

Project Name: Transmission Mains Monterey Peninsula Water Supply Project (TMMPWSP) - Transfer Pipeline

Project Address: General Jim Moore Blvd. near Coe Avenue in Seaside to Lightfighter Drive; under HWY 1 and along the along the Transportation Agency for Monterey County (TAMC) right-of-way (ROW); back under HWY 1 to Marina Drive along west shoulder of Del Monte Blvd within TAMC ROW to the future Desalination Plant Site.

Cities/County: Seaside and Marina; Monterey County

Construction Dates: September 1, 2019 through January 2021

Disturbed Surface Area: 49.59-acres

- Pipe Installation within streets: 13,000 LF x 20' ROW area = 260,000 sf = 5.97-acres
- Pipe Installation outside of streets: 38,000 LF x 50' ROW area = 1,900,000 = 43.62-acres

Right of Way (ROW) Areas:

- 20 ft wide work areas related to pipe installation within existing roads/streets
- 50 ft wide work areas for all unpaved ROW areas

Storage Yard Locations:

- Northwest corner of Lightfighter and First Street
- CalAm La Playa Yard – 1237 Playa Avenue, Seaside, Ca 93955
- 299 Neponset Road, Salinas, CA, 93908

Description of Construction operations:

The TMMPWSP - Transfer Pipeline will consist of the installation of approximately 51,000 linear feet (LF) of 36" diameter transmission main pipe installation. The Transfer Pipeline will deliver product water from the Desalination Plant to the existing 30-inch shared pipeline and the aquifer storage and recovery (ASR) system. The Transfer Pipeline will begin at the proposed Desalination

Plant and connect to the shared pipeline approximately 1,000 LF south of the intersection of General Jim Moore Blvd. and Coe Avenue in Seaside. There are four jack and bore locations along the alignment, as well as all associated appurtenances, flow meter vaults (3), an above grade pressure regulating station and numerous pressure reducing vaults. The following construction activities are potential sources of dust:

- Pot Holing for existing utilities within existing roads and ROW areas
- Construction of the Transmission Mains and appurtenances, including all associated vaults, Jack/Bore, and pipeline testing activities
- Site Restoration, stabilization and paving activities

Attachment 1 site map reflects project's alignment, water sources and storage yard locations

Section 2: Site Contacts

Project Owner: California American Water Company

Contact: Tim O'Halloran Title: Engineering Manager – Coastal Division

Phone: (831) 646-3291

General Contractor: Garney Construction*

Contact: Sean Summers Title: Project Manager

Phone: (415) 350-3219

Contact: Brian Thompson Title: Superintendent

Phone: (209) 665-9922

*Responsible for the preparation, submittal, and implementation of the Dust Control Plan and responsible for the dust generating operation and dust control applications

Section 3: Best Management Practices and Actions

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

Dust control will be applied in accordance with project specifications, (01062: Environmental Requirements, Section D) as well as all local requirements related to dust emissions. The following actions and BMPs will be deployed by Garney Construction during construction of the pipeline:

- 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, staging areas and completed pipe sections 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 and at the end of each workday.
- Street sweeping (with water sweepers) will be performed for paved streets and staging areas daily, and as necessary if soil or debris are present on paved areas.
- Potable water sources (metered) will be from fire hydrants along the project alignment or from the available potable water tap at/near the designated storage yards.
- 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 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 per project specifications. Additional dust control actions will be taken such as additional watering or covering of exposed stockpiles and spoils with plastic liners or tarps.
- 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 out 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 sites to the MPWSP Desalination Plant, the slant wells, and the ASR well facilities.
- Signs, cones, and other barricades will be used to restrict access to the construction area, staging and storage areas to prevent dust emissions.
- Disturbed areas where vegetation cover was removed will be have vegetation replanted as quickly as possible.

Signage:

Publicly visible signage will be posted along alignment with telephone numbers of Garney's designated staff related to dust complaints. Monterey Bay Unified Air Pollution Control District (MBUAPCD) contact number will be posted (831) 647-9411.

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, Garney Construction 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 assessments additional actions will be taken using

the BMPs and actions outlined above to minimize dust and address potential problem areas by end of day.

In the event that complaint arise related to the construction of the pipeline,. The following Garney Construction staff will respond within 48 hours.

Contact: Brian Thompson

Title: Superintendent

Phone: (209) 665-9922

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.

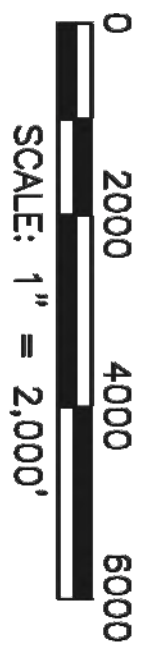
Attachments

Attachment 1: Site Map

Attachment 1: Site Map

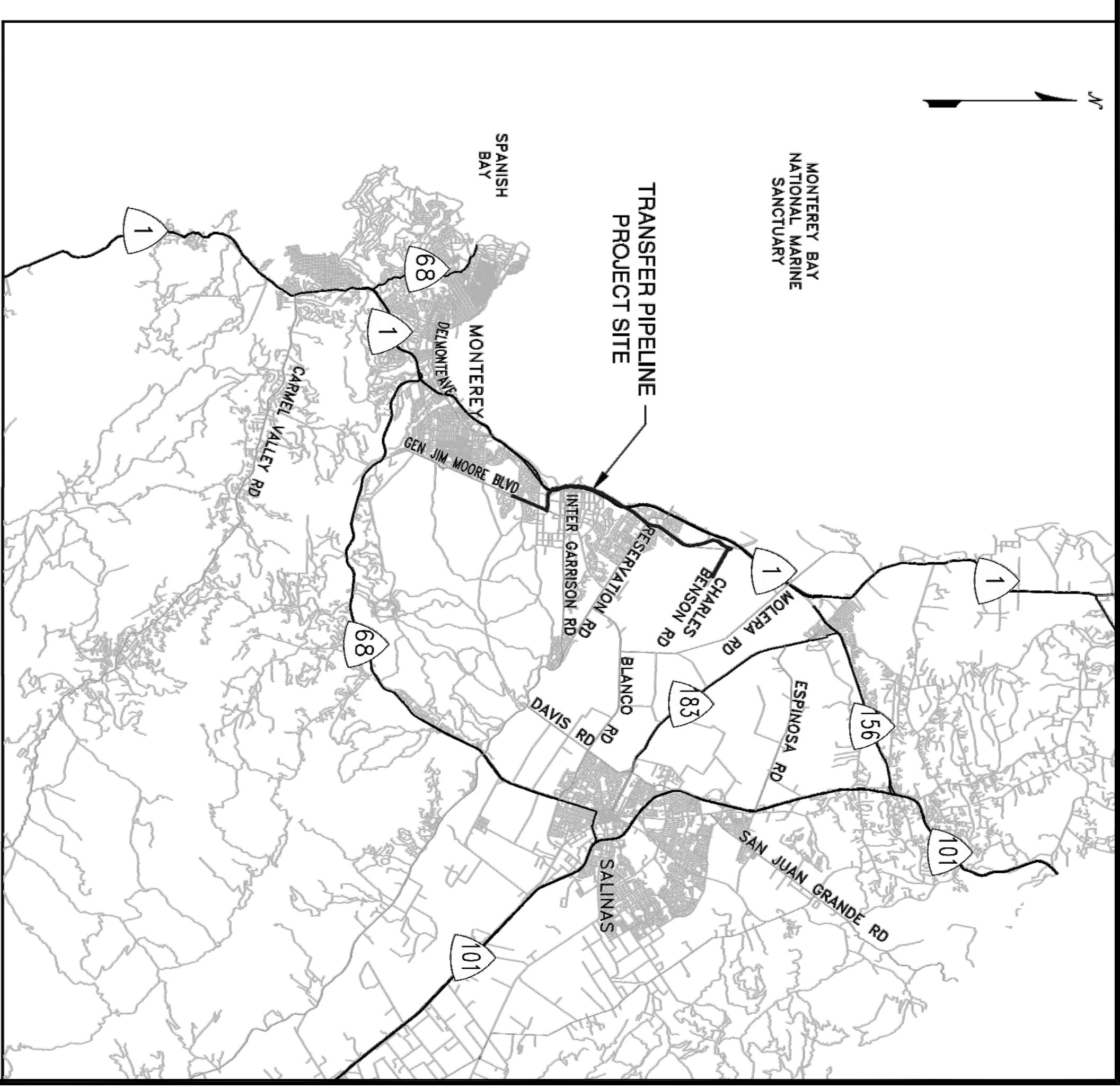


KEY MAP
1"=2,000'



- LEGEND**
- PIPELINE ALIGNMENT
 - STORAGE YARD LOCATIONS
 - FIRE HYDRANT OR OTHER WATER SOURCE LOCATIONS

- NOTES**
- 1) SEE DUST CONTROL PLAN FOR DEPLOYMENT AND IMPLEMENTATION ACTIONS TO BE TAKEN DURING CONSTRUCTION.
 - 2) PLAN TO BE UPDATED TO REFLECT CHANGES TO STAGING AREAS AND WATER SOURCE LOCATIONS.



SITE LOCATION MAP
N.T.S.

REV	DESCRIPTION	DW/ICD	APPROVED	DATE

PREPARED FOR: GARNEY CONSTRUCTION 324 E. 11TH STREET, SUITE E2 TRACY, CA 95376 (925) 800-1848	PREPARED BY: KAZ ASSOCIATES ENVIRONMENTAL SERVICES 6600 GOODYEAR ROAD, BENICIA, CA 94510 PHONE: (707) 747-1128 FAX: (925) 871-5172
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DRAWING DESCRIPTION: TRANSMISSION MAINS FOR MPWSP TRANSFER PIPELINE SEASIDE, MARINA AND MONTEREY COUNTY, CA DUST CONTROL OVERVIEW JULY 2019	BMP INSTALLATION LOG <table border="1"> <thead> <tr> <th>AREA</th> <th>DESCRIPTION OF BMP'S</th> <th>DATE COMPLETED</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	AREA	DESCRIPTION OF BMP'S	DATE COMPLETED												
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