

**MANCHESTER WATER DISTRICT**  
**Resolution No. 2024-11**

**A RESOLUTION OF  
THE BOARD OF COMMISSIONERS OF MANCHESTER WATER DISTRICT  
ACCEPTING CONSTRUCTION LOAN FUNDING FROM THE DEPARTMENT OF  
COMMERCE PUBLIC WORKS BOARD FOR THE WELL 10 MANGANESE  
TREATMENT PROJECT**

**WHEREAS**, Manchester Water District's (MWD) Well 10 groundwater source has historically experienced elevated levels of manganese from it produced water for the distribution system; and

**WHEREAS**, in 2018, MWD and ATEC Systems Associates performed a pilot project of ATEC's Iron and Manganese Removal System to determine its efficacy in removing iron and manganese from the District's source water; and

**WHEREAS**, it was determined from the pilot project that ATEC's filtration system would consistently remove iron and manganese from the District's produced water below detection limits; and

**WHEREAS**, MWD staff and contracted consultants have unsuccessfully applied to the Department of Commerce's Public Works Board for construction loan funding in 2021, 2022, and 2023 to help fund the needed filtration improvements; and

**WHEREAS**, in June 2024, District staff in coordination with BHC Consultants, LLC, submitted another loan application to the Public Works Board to help fund the Well 10 Manganese Treatment Project; and

**WHEREAS**, on September 6, 2024, the Public Works Board selected MWD as one of the construction loan recipients selected for next year's PWB 2025 Construction Loan cycle; and

**WHEREAS**, the District scored 29 out of 55 applications; and

**WHEREAS**, the awarded loan amount of \$960,000 is for a term of 20-years at 1.71% interest; and


**WHEREAS**, the Board of Commissioners (Board) of Manchester Water District have determined that accepting the construction loan funding from the Public Works Board is necessary for District source redundancy, water quality, and is in the best interest of the District's rate payers.

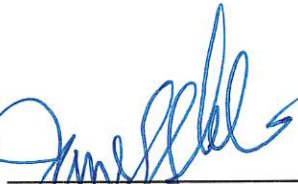
**NOW THEREFORE BE IT RESOLVED** by the District Board that the General Manager is authorized to take any steps necessary to proceed with receiving the funding and formally accepts the construction loan funding for the Well 10 Manganese Treatment Project as indicated in the Public Works Board Award Letter dated November 1, 2024, attached as Exhibit A, and is hereby approved.


**THIS RESOLUTION** was duly considered and approved by the Manchester Water District Board of Commissioners in a regularly scheduled open public meeting on November 12, 2024.

1. **Ratification.** Any act consistent with the authority granted pursuant to this Resolution occurring prior to the effective date of this Resolution is hereby ratified and affirmed; and
2. **Severability.** The provisions of this Resolution are declared separate and severable. The invalidity of any clause, sentence, paragraph, subdivision, section or portion of this resolution or the invalidity of the application thereof to any person or circumstances, shall not affect the validity of the remainder of the resolution, or the validity of its application to other persons or circumstances; and
3. **Effective Date.** This resolution shall become effective immediately upon adoption and signature as provided by law.


ADOPTED by the Manchester Water District Board of Commissioners on November 12, 2024.

  
Steve Pedersen  
Board Chair

  
James E. Strode  
Secretary

  
Robert Ballard  
Commissioner

Approved as to Form:

  
Ken Bagwell, District Attorney