



**MUNICIPALITY OF ANCHORAGE  
ASSEMBLY MEMORANDUM**

No. AM 550-2024

Meeting Date: July 2, 2024

1 **FROM: MAYOR**

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3 **SUBJECT: EXECUTIVE APPOINTMENT – MARK CORSENTINO, DIRECTOR**  
4 **OF ANCHORAGE HYDROPOWER UTILITY**  
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6 Pursuant to Anchorage Municipal Charter section 5.02 and Anchorage Municipal  
7 Code sections 3.20.020 and 3.20.070, I ask the Assembly to confirm the following  
8 executive and department director that I have appointed:  
9

10 **Name:**                                 **Position:**  
11 Mark Corsentino                         Director of Anchorage Hydropower Utility  
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13 A resume submitted in accordance with Anchorage Municipal Code section  
14 3.30.173 is attached for your information.  
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16 THE ADMINISTRATION RECOMMENDS APPROVAL.  
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18 Prepared by:                                 Katie Scovic, Chief of Staff  
19 Approved by:                                 Kent Kohlhase, Municipal Manager  
20 Respectfully submitted:                 Suzanne LaFrance, Mayor

# Mark A. Corsentino, P.E.

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## SUMMARY OF QUALIFICATIONS

Motivated, supportive and innovative leader with over twenty years of professional experience in the water, wastewater and utility industry. Critical thinker that strives for continuous improvement in myself, employees and business practices with the goal of enhancing business performance. Effective leadership, communication skills and technical skills necessary to lead company business activities supporting essential utility business needs.

## EDUCATION

Water and Wastewater Leadership Center, University of North Carolina, March 2017

Cold Regions Engineering Short Course, University of Washington, November 2005

Master of Science Civil Engineering, Marquette University, August 2002

Bachelor of Science Biomedical Engineering\*, *Magna Cum Laude*, Marquette University, May 2000

\*Minors in Electrical Engineering and Biology

## EXPERIENCE

February 2019 –Present *General Manager of the Anchorage Water and Wastewater Utility (AWWU), Anchorage, AK*

Directs and oversees all operations of a Municipal Department with two separate State Economically Regulated Utilities with a combined annual revenue of \$130M, annual capital budgets over \$35M, over 280 full time employees, 8 work divisions, a net book value of over \$1B with a replacement value over \$10B, with over 1,600 miles of underground pipelines, 2 water treatment plants, 3 wastewater treatment plants, 200 water and sewer remote facilities, 1 MW Power generation, with a Utility wide SCADA network, including 35 lift stations, 20 finished water reservoirs, 12 high production wells, dozens of booster stations and PRV facilities with 55 pressure zones, 7,500 fire hydrants, 15,000 mainline valves, and approximately 60,000 customer parcels and service lines all within a certificated service area larger than the state of Rhode Island with a population served of approximately 230,000. Oversaw several successful utility rate cases and multiple NACWA Peak Performance Awards, FEMA earthquake recovery reimbursement efforts, lean and green utility operations, COOP through the COVID pandemic. Represented the Municipality in the Anchorage Hydropower Plant Operations Committee as part of the Municipality's ownership of 40MW hydropower plant and its associated federal fish and wildlife study in lieu of FERC relicensing. Oversaw the Stormwater Utility Evaluation and Implementation Program for the Municipality.

August 201 –January 2019 *Director of Operations and Maintenance with the Anchorage Water and Wastewater Utility (AWWU), Anchorage, AK*

Lead and managed a group of ninety five employees, mostly union represented, whose mission is to operate and maintain the Utility's plant, collection and distribution facilities. As a member of the Utility Leadership Team, was integrally engaged in the execution and implementation of the Utility 2016-2021 Strategic Plan. Initiated large diameter line cleaning program and reclassified employee positions to improve retention and to be in alignment with ADEC Operator Certification program. Oversaw emergency recovery of utility assets during magnitude 7.1 earthquake and oversaw implementation of computerized maintenance management system upgrade and integration with Municipal ERP system and Utility asset management system.

August 2007–July 2016 *Project Management Engineer/Supervisor with the Anchorage Water and Wastewater Utility (AWWU), Anchorage, AK*

Managed engineering design and construction projects and supervised employees for the AWWU Engineering capital program. Communicated and coordinated with multiple stakeholders, including all divisions within the Utility, municipal departments, permitting agencies, the public and consultants. Additional duties consisted of managing Utility soil remediation projects, providing corrosion technical assistance for projects, and providing technical input to the AWWU Asset Management Plans and the AWWU DCPM and MASS re-writes. Project

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Management design and construction experience in water transmission main projects, large diameter sewer conveyance projects, water storage reservoir projects, sewer pump station projects, water booster stations projects, water distribution main projects, sewer collection system projects, and wastewater treatment process improvement projects (eg replacing wastewater chlorination with UV disinfection, clarifier rehab, etc.)

August 2002–August 2007 *Project Management Engineer with the Water Business Group in CH2M HILL's Anchorage, AK and Seattle, WA offices. In Anchorage since May 2005.*

Duties consisted of project management, project engineering and construction management services for water and wastewater projects throughout the Pacific Northwest including water treatment plant design and construction (Cedar Water Treatment Plant, Skagit Water Plant Expansion), wastewater plant design and construction (Centralia, Barrow), large diameter sewer conveyance (King County), water transmission main design and construction (Tacoma and Anchorage) and water transmission main impressed current design support efforts.

September 2000–July 2002 *Civil Engineer Trainee (GS-7), United States Geological Survey, Water Resources Division, Middleton, Wisconsin.*

Collected and processed water quality samples for an airport stormwater toxicity study and a cryptosporidium and urban stormwater runoff study. Processed and analyzed the collected field data. Performed maintenance and calibration of gaging stations and automatic data samplers.

July 2001-May 2002 *Graduate Research Assistant, Marquette University, Milwaukee, Wisconsin.*

Studied aerobic and anaerobic biodegradation of the suspected endocrine disrupter precursor nonylphenol ethoxylate found in aircraft deicing fluid. Operated a system of biological reactors under differing environmental conditions.

## **PUBLIC SPEAKING, PAPERS, PRESENTATIONS, CERTIFICATIONS AND MORE:**

- Experienced and versed in creating presentations and speaking publicly to community councils, business associations, Municipal Boards, Municipal and Borough Assemblies, Regulatory Commission of Alaska, State of Alaska Legislature Senate Finance Committee, ADEC Commissioner, and Mayoral Administrations
- Registered Professional Civil Engineer, State of Alaska; AELC11653
- 2006: PNCWA Lead & Copper Rule Lessons Learned for SE Alaska Communities
- 2007: ASCE Pipelines Paper & Presentation: Design and Construction of a Large Welded Steel Pipe Bridge Crossing for Potable Water Supply in Anchorage, Alaska
- 2010: NACE AK Chapter presentation; Corrosion Mitigation of AWWU Infrastructure
- 2011: AWWMA Corrosion presentation: Corrosion Mitigation of AWWU Infrastructure
- 2011-2018: UAA ME 664, Corrosion Processes and Engineering course guest lecturer: Presented Corrosion Problems and Solutions in the Water & Wastewater Industry
- 2013: NACE International Corrosion Conference paper/presentation; DIP External Surface Preparation and Coatings for Buried Water Service from an Owner's Perspective
- 2013: NASTT No Dig presentation; Sewer Condition Assessment in the Far North
- 2023: AWWMA Presentation: Disinfection with On-Site Generation
- NACE International past certifications, 2016; (CP2-Cathodic Protection Technician, CIP2-Coating Inspector Level 2, CP3-Cathodic Protection Technologist successful test)
- Master's thesis; Aquatic toxicity of aircraft deicing runoff on adult fathead minnows, 2002
- Master's thesis work supported September 2003 EST paper; Nonylphenol Ethoxylates and other Additives in Aircraft Deicers, Anti-icers and Airport Runoff
- FEMA ICS 100 Certifications, 2013
- AK CESL and CPR past certifications, 2013, 2015
- OSHA 10 Hour Safety Course
- Volunteer Member of Local Road Service Area Board, 2022-present
- Volunteer high school wrestling coach, 2007-2009
- College summer internship at Abbott Laboratories Diagnostics Division, 1999