



MICHAEL ANDERSON

Senior Water Supply Manager

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SUMMARY

Strategically adept Water Supply Manager with over a decade of comprehensive experience in overseeing municipal water supply operations and ensuring compliance with regulatory standards. Expertise in optimizing water distribution systems, implementing sustainable practices, and enhancing infrastructure resilience. Proven track record in leading cross-functional teams to achieve operational excellence while adhering to budgetary constraints.

WORK EXPERIENCE

Senior Water Supply Manager Metropolitan Water Authority

Jan 2023 - Present

- Directed operations of a multi-million dollar water supply system serving over 2 million residents.
- Implemented advanced water quality monitoring systems, improving compliance rates by 30%.
- Coordinated major infrastructure upgrades, resulting in a 15% reduction in water loss.
- Managed a team of 50+ professionals, fostering a culture of safety and accountability.
- Developed community education programs that increased public awareness of water conservation.
- Oversaw budget planning and resource allocation, achieving a 10% cost reduction.

Water Supply Analyst City Water Services

Jan 2020 - Dec 2022

- Conducted comprehensive analyses of water demand forecasting, enhancing resource planning accuracy.
 - Collaborated with engineers on the design of new distribution networks, ensuring regulatory compliance.
 - Utilized GIS technology to map and assess water supply infrastructure.
 - Engaged with community stakeholders to gather feedback on service improvements.
 - Trained junior staff on water quality assessment protocols and regulatory requirements.
 - Assisted in the development of emergency response plans for water supply disruptions.
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EDUCATION

Master of Science in Environmental Engineering, University of California, Berkeley

Sep 2019 - Oct 2020

ADDITIONAL INFORMATION

- **Technical Skills:** Water resource management, Regulatory compliance, Data analysis, Team leadership, GIS mapping, Community engagement
- **Awards/Activities:** Received the Excellence in Water Management Award for outstanding project leadership.
- **Awards/Activities:** Successfully led a \$5 million infrastructure project that enhanced system reliability.
- **Awards/Activities:** Published research in a peer-reviewed journal on sustainable water practices.
- **Languages:** English, Spanish, French