

# BJ Holtzman

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## Objective

To start a new challenge using my 22 years of experience in water treatment, distribution, and emergency management

## Employment History

**Montgomery County Environmental Services**  
1850 Spaulding Road, Kettering, Oh 45432

**February 2022 - Present**

### **Water Quality Administrator**

- Ohio EPA Operator of record for water distribution system
- Manages 24/7 water pumping operations
- Manages water quality sampling operations
- In charge of emergency operations planning
- Manages utility locating program
- Manages emergency distribution system repair work and crew dispatch center

**City of Dayton, Department of Water Supply & Treatment**  
101 W. Third St. Dayton, OH 45402

**April 1999 - February 2022**

**Maintenance Mechanic** Miami Treatment Plant

April 1999-2000

**Operator II** – assigned maintenance Miami Treatment Plant

2000-2003

**Operator II** – assigned maintenance Ottawa Treatment Plant

2003-2012

- Maintain and operate City of Dayton's OEPA class 4 lime softening plants
- Sampling of treated water and lab work in order to adjust chemistry of plant flow
- Operation of distribution system flows and levels
- Lead operator in absence of plant supervisor
- Operation and maintenance of storm and sanitary pumping operations

### **Pumping Systems Supervisor**

2012-2022

**OEPA Operator of Record** for Dayton's Water Distribution System

2018-2022

- Directs and coordinates 24/7 water pumping operations and maintenance activities of City of Dayton's large centralized pump stations and all remote water distribution facilities
- High quality judgement required to balance construction and maintenance activities with system demands to ensure successful, effective and cost-efficient completion of projects with continuous water supply to all customers in the city of Dayton and Montgomery county
- Coordinating operational emergency response efforts
- Maintains working relationships with emergency services officers and water system managers in system's northern suburbs and within Montgomery county's department of Environmental Services
- Must thoroughly understand and be able to apply comprehension of the federal, state, and local environmental rules and regulations to the daily water pumping functions
- Knowledgeable of union contracts, personal policies, procedures, and divisional work rules
- Administrative duties to include pumping bureau budget, procurement of materials and services, staff performance evaluations and discipline, employee time management, safety training and continuous education

## Education

Wayne High School  
5400 Chambersburg Rd, Huber Heights 45424

1992-1996

## Experience/Skills

- Project management and Plan review
- Development of water loss programs at Dayton and Montgomery County per AWWA standards
- Development of SOPs

- Planning and implementation of distribution system improvements for Dayton, Montgomery County and neighboring communities
- Lead coordination efforts to establish operational procedures between outside entities.
- Project manager over various pump station, reservoir and tower construction projects
- Locate, identify, test and create SOP's for interconnects from neighboring community's distribution systems for mutual aid
- Operation of all tanks, pumps, levels and adjustment of system controls throughout the water distribution system
- Coordinate critical distribution main shut downs between engineering, pumping and field operations
- Utilize yearly main break data to adjust system pressures/levels to reduce service interruptions
- Utilization of SCADA system and metering to locate, identify and solve system anomalies
- Sampling and lab analysis of water for EPA records and operational needs
- Spec, purchase, install flushers, set meter pits, adjust flushing cycles, flows and times to optimize water chemistry
- Spec solar and grid powered mixers to improve quality of water in storage
- Installation of continuous water quality samplers at remote water storage facilities.

### **License/Certifications**

- OEPA Class III Water Supply License

### **Career Development**

- Water Asset Management Conference
  - Oct. 18-19 2016 Columbus, OH
  - Focus on monetary water loss, AWWA M36 water loss audit
  - Attended as a member of City/County Joint Water Loss Committee
- OTCO Water Class III/IV Workshop 2007-present
- Teex disaster management courses 2022
- Centrifugal Pump Class
  - Sept. 2019 Columbus, OH
- AWWA water loss workshop
  - March 13-15 2017 Nashville, TN
  - Attended as a member of City/County Joint Water Loss Committee
- AWWA Water Infrastructure Conference
  - Yearly attendance 2012-present

### **Achievements/Awards**

- City of Dayton Water employee of the year 2020
  - Water worthy award - Customer service (2021) and team work (2018)

### **Water Infrastructure Projects**

- Smart valve project 2022
  - Identify critical water users
  - Install remotely operated valves to shut non critical water mains and supply water directly from reservoirs to critical customers during emergencies
  - Spec equipment and coordinate construction activities
  - Develop SOP's for the new system
- Mutual Aid Project 2022
  - Write MOU for aid between local water utilities
  - Meet with local utilities individually, Have MOU's signed
  - Locate, restore and operate emergency interconnects between neighboring communities to ensure adequate flows and operational readiness
  - Build stock of emergency supply equipment for internal and external use
  - Plan operational exercises, emergency exercises and develop sop's
- Flushing and water main upgrade program 2022
  - Using chemistry and GIS data, Identify water quality issues
  - Loop mains that can be connected to other mains to improve water age/quality
  - Develop flushing program, including continuous chemistry monitoring for dead ends
- Develop Water loss program per AWWA Standards
- DM-1 Pump Station Upgrade
  - Project manager April 2016 - November 2017
  - Approval of plans, pay requests, change orders and adjustments in the field
  - Commissioning of pump station
- Large Water Meter Study 2015-2018

- Responsible for contractor selection, planning and design, approvals, installation of pitotmeter taps, manholes and vaults. Restoration of abandoned flow meters for calibration
- Sewer Interceptor Project
- Westbrook Pump Station upgrade
- DM-5 Proposed Pump Station
- Brandtford Pump Station
  - Reservoir abandonment and pumping configuration was changed leaving no way to isolate station for maintenance without cutting off supply to airport and northern suburbs
  - Engineering estimate of greater than \$150K to install line stop and cut new valve in 30" concrete supply main
  - Created a faster, lower cost plan using an existing vault to install 30" valve. Saved \$120K.
- Supervisor over Reservoir Rehab Projects
  - Burkhardt 2012
  - Germantown 2014
  - Anderson 2018-present

### **Asset Management**

Founding member of Dayton's Water Loss Control Committee

- Committee drafted Joint Water Loss Control Plan for City of Dayton and Montgomery County to address unaccounted/non-revenue water

Pipe Diver and Smart Ball

- Critical Water Main Condition Assessment Project
- Proposal, contractor selection and project planning
- In charge of coordinating system flows and valving adjustments during operation

Computer Maintenance Management System (CMMS)

- Coordination with IT department to ensure success of CMMS (Hanson)
- Development of:
  - Naming standards, Database of assets, Condition assessments, Criticality scoring
  - SOP's for the use of CMMS by department supervisors and employees
  - Spec and budget for hardware
    - Portable note books (military spec) for field
    - Diagnosis tools for maintenance
  - Determine software solutions for communication between maintenance tools and existing CMMS

### **Special Projects/Contracts**

- Montgomery County Water Service Agreement
- WS&T representative for proposed acquisition of WPAFB utilities
  - Initial site visits with consultants for condition assessments of assets including water treatment plants, potable water distribution system, storm and sanitary connections
  - Developed staffing plans, equipment levels and budget
  - Assess immediate deficiencies needing addressed during time of acquisition
  - Emergency response SOP's
- Brookville System Improvements
  - Preliminary trouble shooting and field work for design and modeling
  - Planning for construction of booster station, water tower and distribution piping
  - Commissioning of new Booster Station. SOP's for Operation of new assets.
  - Performed field modifications to new tower during construction, put in service per AWWA standards, made adjustments to Brookville System for the tower and booster station to perform optimally
  - Added new tower to Dayton's SCADA System. Worked with IT to spec communication equipment. Budget for Equipment, provide electricians to install and program equipment, work with MCES for permission to pass radio signal across their tower and back to Dayton's System. Make adjustments to SCADA graphics to reflect new tower
- Electrical Usage
  - Using historical data and operational knowledge, proposed and set new Block and Index Pricing for the Water Department's Electrical Rates saving money over previous contract

## **References**

Renee Miller  
Field Services Manager  
Montgomery County Environmental  
Services  
5573 Markdale Dr.  
Centerville, OH 45459  
937-781-6086

David Shade  
Water Utility Field Operations Manager  
City of Dayton  
4537 Larch Tree Ct.  
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937-689-0941

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