

# **CHRIS STEMPA**

**W3811 Willow Brook Ct, Appleton, Wisconsin 54913**  
**Mobile: 920 284-4612**

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## **PROFESSIONAL OBJECTIVE**

Seeking an opportunity to put my skills, diverse professional experience, training, and education as the City of Appleton Department of Utilities Director.

## **EDUCATION**

B.S. Waste Management, Minor: Soil Science and Chemistry, University of Wisconsin-Stevens Point

## **QUALIFICATION STATEMENT**

Enthusiastic, dedicated, and reliable leader with a proven track record of results driven success and supported by a positive professional trajectory.

## **PROFESSIONAL EXPERIENCE**

### **City of Appleton**

***Deputy Director of Utilities: January 2010 to Present***

This position provides diverse technical and administrative support functions to the Director of Utilities.

- Responsible for ensuring that the Appleton Water Treatment Facility (AWTF) and Appleton Wastewater Treatment Plant (AWWTP) meets or exceeds administrative, community, state, and federal standards by which the Utility is governed.
- Develop strategic initiatives to meet regulatory requirements and implementation of specific programs to ensure sound standards of practice that sustain uninterrupted quality service to the community while preserving/maintaining millions of dollars in Utility Department assets.
- Assist the Utility Director in the development, management, and reporting of budgets for the Water Treatment Facility and the Wastewater Treatment Plant and Lift Stations.
- Direct, manage, supervise, coordinate, and support subordinate staff, work groups, various services, and diverse operations of the Utilities Department. This includes water treatment facility operations, field operations, water distribution, wastewater treatment facility operations, wastewater collection operations, regulatory program areas/functions, and water and wastewater projects (Capital Improvement Program (CIP) and Operations and Maintenance (O&M) Program projects).

### **City of Appleton**

***Environmental Programs Coordinator: February 2007 to December 2009***

Responsible for ensuring the AWWTP Industrial Pretreatment Program and Biosolids Management Program compliance with all state and federal standards.

- Maximized beneficial use for 20,000 tons of biosolids per year across five counties and over 5,000 acres of Wisconsin DNR permitted sites in central and northeast Wisconsin.
- Identified and researched technologies that possessed potential of decreasing program costs while meeting or exceeding environmental regulatory standards. Conceived and lead the effort to develop and construct a large-scale (4.5 acre) collaborative compost pilot project involving the AWWTP, Appleton Department of Public Works and the Outagamie County Solid Waste Department. In 2017 it became the first permitted biosolids compost operation in Wisconsin.
- Identified and implemented cost-recovery and revenue generation programs while utilizing available resources to the maximum benefit of the community. Example includes the development of the AWWTP Hauled Waste Program Tier Rate fee structure. The fee structure

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was supported by computer modeling that utilized waste characteristics, treatment variables, chemical usage, energy consumption, and waste disposal costs. Prior to the rate structure annual revenues were approximately \$500,000. Today the Hauled Waste Program generates over \$2.5 M in annual revenue.

- Maintained relations with industrial users. Ensured facilities were compliant with local, state and federal wastewater discharge requirements related to hazardous materials.
- Provided regulatory and environmental support resources and for performing a variety of Utility environmental permit program functions including Storm Water Pollution Prevention (SWPP) and Spill Prevention Control and Countermeasure (SPCC) plans.
- Promoted and implemented improvement initiatives associated with wastewater processes and operations, beneficial use of process residuals, environmental compliance, health and safety, and community outreach programs.

### **STS Consultants Ltd., Oshkosh, WI**

***Project Scientist/Assistant Project Manager: May 2006-January 2007***

***Senior Engineering Technician III: May 2004-May 2006***

Landfill Construction, Brownfield Redevelopment, Environmental Remediation, Site Investigations, Regulatory Compliance

- Served as project manager and/or lead technician on landfill expansion projects, Brownfield redevelopments, including numerous environmental remediation projects. Served as a liaison between client, contractors, and project staff.
- Coordinated staffing, effectively managed budgets, and provided quality control as required.
- Prepared sampling and testing plans, provided construction related inspection services, and prepared the documentation reports and as-built AutoCAD drawings.
- Performed field construction oversight, documentation, field engineering, construction material testing, surveying, data management, and report preparation during. Served as a liaison between client, contractors, and project staff.
- Prepared proposals, bid documents, regulatory reporting documents, and AutoCAD drawings. Conducted Phase I Environmental Site Assessments under ASTM standards for agricultural, industrial, and commercial properties in Wisconsin.
- Prepared SPCC and SWPP Plans for industrial facilities.

### **SCS BT<sup>2</sup> Inc. Environmental Engineering and Science, Madison, WI**

***Staff Scientist: January 2003 to May 2004***

***Senior O&M Specialist: January 2002 to December 2002***

***Field Technician: May 1998 to December 2001***

Landfill Construction, Site Investigations, Environmental Remediation

- Performed construction oversight, documentation, field engineering, and surveying during four (4) municipal solid waste landfill expansion and two (2) cap/cover construction projects located in Wisconsin. Included groundwater and leachate collection and conveyance systems, gas extraction systems installations, and field testing/sampling of clay and geosynthetic liner and cover construction materials.
- Involved with projects associated with the investigation, remediation, and monitoring of petroleum and chemical releases. Conducted compliance monitoring and evaluated analytical data to determine contaminant trends. Prepared regulatory reporting documents, WPDES permits, and reports. Maintained and tested engineered remediation systems.

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- Performed compliance monitoring for multiple municipal solid waste landfills. Work included particulate monitoring and instrument calibrations, groundwater sampling, gas recovery system testing, data evaluation, and reporting.

## **AFFILIATIONS**

Fox-Wolf Watershed Alliance - Board Member (2011-Present)

Municipal Environmental Group (MEG) – Member (2009–Present)

U.S. Compost Council – Member (2011-Present)

Water Environmental Federation – Member (2007-Present)

## **CERTIFICATIONS/TRAINING**

Wastewater Operator Certification

- Biological Solids/Sludge Handling, Processing and Reuse (OIT)
- Biological Treatment Suspended Growth Processes (OIT)
- Solids Separation (OIT)

Municipal Water Works Operator Certification

- Lime Softening Grade T
- Surface Water Grade T

WDNR NR204 Site Approval Certification (#60020)

## **SELECTED PUBLICATIONS**

Stempa, F. C, et al. “**Analysis of Cyanobacterial Metabolites in Surface and Raw Drinking Water Reveals more than Microcystin.**” Water Research, 2018

## **COMPUTER RELATED SKILLS**

AutoCAD

Arc GIS

Microsoft Office

Tyler Munis Enterprise ERP