

Profile

Which Boards would you like to apply for?

Wake County Water Partnership: Submitted

Please select your first Board preference: *

Wake County Water Partnership

Please select your second Board preference: *

Wake County Water Partnership

Please select your third Board preference: *

Wake County Water Partnership

Please select your fourth Board preference: *

Wake County Water Partnership

Please select your fifth Board preference: *

Wake County Water Partnership

Please select your sixth Board preference: *

Wake County Water Partnership

Patrick

First Name

Haramija

Last Name

8820 Autumn Winds Drive

Street Address

Apt. 207

Suite or Apt

Raleigh

City

NC

State

27615

Postal Code

What district do you live in?

None Selected

Mobile: (732) 759-4479

Primary Phone

Mobile: (732) 759-4479

Alternate Phone

patrick.haramija@gmail.com

Email Address

RVE, Inc.

Employer

Regional Manager

Job Title

If you live in an Extraterritorial Jurisdiction Area, select Yes:

Yes No

In order to assure countywide representation, please indicate your place of residence:

Raleigh

Interests & Experiences

Why are you interested in serving on a Board or Commission?

I'm interested in serving on this board because I live and work in Wake County and have a vested interest in ensuring that water needs and standards are prioritized and addressed. I feel I can make an impact using what I learned from working in the industry.

Work Experience

I am a licensed Professional Engineer in North Carolina with experience in water and wastewater design and construction.

Volunteer Experience

Education

Degree in mechanical Engineering with classes and work experience in civil engineering.

Comments

Many of my colleagues specialize in the water and wastewater industries and I have a large professional network to tap into to assist me in my role on this board, if needed. Thank you for your consideration.

[Patrick_Haramija_s_Resume_-_08.08.2022.pdf](#)

Upload a Resume

If you have another document you would like to attach to your application, you may upload it below:

Please upload a file

Demographics

Date of Birth

Gender *

Male

Patrick Haramija

Ethnicity *

Caucasian

Other

How did you become aware of Wake County volunteer opportunities?

Other

If you selected "Other" above, how?

Elected Official

Please upload a file

ETHICS GUIDELINES FOR COUNTY ADVISORY BOARDS AND COMMISSIONS

By submitting this electronic application, if appointed, I pledge by my signature below that I have read and will comply with the ethics guidelines for advisory boards and commissions as adopted by the Wake County Board of Commissioners, found [here](#).

Patrick A. Haramija, PE

Regional Manager

Overview

Over a decade of experience in successfully managing design-build, design, construction management and construction inspection projects for state, county, municipal, agency and private clients.

Multidisciplinary Regional Manager with a background in civil, water, wastewater, mechanical, electrical and plumbing engineering

Work History

RVE experience: 2020 to Present

Total experience: 10 Years

Education

B.S., Mechanical Engineering, Rutgers University, 2012

Certifications/Registrations

Professional Engineer – NJ License Number 053340

Professional Engineer – NJ License Number 24GE05651800

Grant Management for Federal Aid Projects Certificate

Compliance with the Americans with Disabilities Act (ADA) in the Public Right-of-Way Certificate

40-Hour OSHA Training

Transportation Worker Identification Credential (TWIC)

Traffic Control Coordinator – TCC # 23-XBN7PMN77QQ

Awards/Honors

Recognized by Remington & Vernick Engineers as the 2020 New Employee of the Year

Recognized by AECOM as a high potential employee and was selected to be in the company's Elevate High Potential Program

Chosen to present for AECOM and New Jersey Transit at the 2019 American Public Transportation Association (APTA) convention in Toronto

Work Experience

Remington & Vernick Engineers – North Carolina

Regional Manager: 2022-Present

- Manages the North Carolina region for the company, including two offices and 20 employees.
- Responsible for business development, financial performance, project delivery and staff development.
- Projects include both design and construction management for civil, water, wastewater, mechanical, electrical and plumbing engineering projects for state, county, municipal, agency and private clients in a variety of industries.

Project Manager: 2020-2021

- Managed complex design-build, design, construction management and construction inspection projects for various municipal, county and agency clients.
- Engagements included civil/site engineering, site development, construction management, education, infrastructure and transportation, mechanical, electrical and plumbing engineering (MEP), municipal and water/wastewater engineering projects.
- Managed the design and construction of underground utilities and complex utility relocations.
- Developed technical and cost proposals to win additional work with both new and existing clients.
- Interfaced with clients to provide updates on existing engagements, kept projects on schedule and budget and expanded the types of services that we offer and deliver.
- Assisted the Department Head with day to day operations and management of a 25 person department.

AECOM (New Jersey Transit Hudson-Bergen Light Rail Project) – Jersey City, New Jersey

Senior Management Trainee: 2017-2020

- Assisted the President and CEO in the 24/7 management of the New Jersey Transit Hudson-Bergen Light Rail Transit System, which employed 300 full time employees.
- Acted as the client representative for the company, which assisted in bringing in extra work and providing technical advice to clients regarding design, construction and capital programs.
- Developed five year \$40M Capital Asset Replacement Program budgets and details for the client.
- Managed eight direct reports and other project staff to ensure capital construction projects are designed, planned and executed safely and efficiently.
- Worked with the Business Director to develop the project's forecast and financial reporting.
- Developed and managed the integrated Primavera P6 project work schedule.
- Built strong relationships with the client (New Jersey Transit), local municipalities, politicians, contractors, unions, public and other stakeholders.

Engineer IV: 2016-2017

- Managed the design, construction management and construction inspection of complex civil and mechanical capital construction and rehabilitation projects up to \$3,000,000 in value.
- Worked on multidisciplinary projects including the upgrade of facilities, HVAC, light rail stations, substations, signal systems, SCADA systems, parking lots, intersections and railway crossings.
- Prepared and managed Primavera P6 project schedules

Engineer III: 2013-2016

- Managed the design, construction management and construction inspection of civil and mechanical capital construction and rehabilitation projects up to \$1,000,000 in value.
- Worked on multidisciplinary projects including the upgrade of facilities, HVAC, light rail stations, substations, signal systems, SCADA systems, parking lots, intersections and railway crossings.

Profile

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None Selected

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None Selected

Please select your fourth Board preference: *

None Selected

Please select your fifth Board preference: *

None Selected

Please select your sixth Board preference: *

None Selected

Michael

First Name

Wagner

Last Name

Middle Initial

925 Occonechee Dr

Street Address

Suite or Apt

Fuquay-Varina

City

NC

State

27526

Postal Code

What district do you live in?

None Selected

Business: (919) 567-3911

Primary Phone

Mobile: (919) 272-7826

Alternate Phone

mwagner@fuquay-varina.org

Email Address

Town of Fuquay-Varina

Employer

Public Utilities Director

Job Title

If you live in an Extraterritorial Jurisdiction Area, select Yes:

Yes No

In order to assure countywide representation, please indicate your place of residence:

Fuquay-Varina

Interests & Experiences

Why are you interested in serving on a Board or Commission?

Work Experience

I am a veteran of the United States Coast Guard, who has worked in the water and wastewater public utilities industry for over 16-years. I have served in various roles for Marion County Board of County Commissioners Public Utilities (Ocala, FL), City of Durham Water Management (Durham, NC), City of Goldsboro Public Utilities Director (Goldsboro, NC), and now Town of Fuquay-Varina Public Utilities Director (Fuquay-Varina, NC).

Volunteer Experience

I have volunteered in the NC AWWA-WEA NC AWWA (The North Carolina Section of the American Water Works Association), NC WEA (The North Carolina Member Association of the Water Environment Federation)

Education

Coastal Caroline University, Conway, SC St. Leo University, St. Leo, FL (B.A. Business Administration/Management) North Carolina Central University, Durham, NC (Executive Masters in Public Administration) California State University, Fresno (Effective Utility Management, Certificate)

Comments

I'm seeking to represent the Town of Fuquay-Varina as an active participant.

[MPWagner_Resume_8-15-22.pdf](#)

Upload a Resume

If you have another document you would like to attach to your application, you may upload it below:

Please upload a file

Demographics


Date of Birth

Michael Wagner

Gender *

Male

Ethnicity *

Caucasian

Other

How did you become aware of Wake County volunteer opportunities?

Other

If you selected "Other" above, how?

Nancy Daly

Please upload a file

ETHICS GUIDELINES FOR COUNTY ADVISORY BOARDS AND COMMISSIONS

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Michael Wagner

925 Occoneechee Drive Fuquay-Varina, NC 27526 – (919)272-7826 – mwagner@fuquay-varina.org

OVERVIEW

Determined environmental business professional with proven experience at federal (military), county, and city government levels. Driven leader who will get hands on, create partnerships, and share knowledge. Ability to set goals and strategically prioritize workloads in an ever changing utility environment. Highest quality of customer service while maintaining emphasis on future stakeholders, permit compliance, and environmental impact. Aptitude for identifying, troubleshooting, and pivoting organizational issues.

EDUCATION

North Carolina Central University

Executive Masters Public Administration

Durham, NC

May 2016- December 2017

- Magna Cum Laude

Saint Leo University

Bachelor of Arts: Business Administration

Saint Leo, FL

August 2009 – December 2011

- Dean's List Fall 2009, Spring and Fall 2010, Fall 2011

Coastal Carolina University

Undecided

Conway, SC

January 2003 – May 2004

- 2nd Place Javelin Throw 2003 Big South Conference Outdoor Track and Field Championships • Member of 2003 Men's Conference Championship team
-

TECHNICAL SKILLS/LICENSED COURSES

State of North Carolina Certifications:

Grade A Surface Water • Grade IV Biological Treatment Operator • Surface Irrigation
• Land Application of Residuals • **School Only:** Subsurface Wastewater System

California State University, Fresno:

Effective Utility Management Program

Durham Tech:

Frontline Core and Advanced Leadership

Safety:

OSHA Lockout Course: 29 CFR 1910.147, OSHA 10hr. General Industry and Health,
FEMA: NIMS, NRP, ICS, ICS for single Resources, Hazwoper Awareness

PROFESSIONAL EXPERIENCE

Town of Fuquay-Varina

Public Utilities Director

Fuquay-Varina, NC

September 2021-Present

City of Goldsboro

Public Utilities Director

Goldsboro, NC

August 2016 – September 2021

Responsible for managing, planning, coordinating, and administering all activities of the Public Utilities Department, including protecting public health and the environment. Responsible for the short and long-range strategy of the organization, subject to review by the city council, mayor, and city manager. Responsible for functions relating to raw water development and sanitary sewer treatment planning, protection, and operation; hydraulic system planning; demographics, land use and plan review; and capital program development, both long and short range. Directs and administers the operations/maintenance division functions of source and supply, water treatment, water quality, water control, transmission and distribution, maintenance, and process control. Directs and administers the operations/maintenance division functions of sanitary sewer collection, sewer treatment, effluent water quality, water control, transmission and collection, maintenance, and process control. Directs and administers the operations/maintenance division functions of composting distribution and sales of product, maintenance, and process control. Responsible for managing the department's financial resources. Under general direction of the city manager and human resources director, is responsible for all administrative functions and property administration. Plans, supervises, directs, and evaluates the effectiveness of environmental programs. Analyzes data to develop recommendations for compliance

with environmental legislation and to minimize negative impact of departmental operations on the environment. Reviews environmental research representing the department to governmental, public, and environmental groups. Responsible for planning, managing, coordinating, and administering the purchasing function. Responsible for the analysis, implementation, internal coordination, and direction necessary for development of present and future raw water resources, and for the protection of water rights associated with these water resources. Designs, directs, administers, and ensures operation of the department's conservation program. Serves as the department's representative on all local, state, or federal conservation organizations. Oversees all aspects of the industrial pretreatment program. Responsible for the analysis, implementation, internal coordination, and direction necessary for development of a utility water reuse/recycling program. Responsible for overseeing the environmental, health, and safety programs of the department. This includes developing and training employees. Monitoring of hazardous chemicals, environmental reporting, project management to increase sustainability and to reduce environmental impact, and satisfaction of requirements for EPA and OSHA regulations. Manages local, state, and federal compliance for drinking water, sanitary sewer, and municipal biosolids composting and stormwater permits.

City of Durham, NDWRF

Durham, NC

Plant Operator III

May 2012 – August 2016

- Backup Operator Responsible in Charge • Operate North and South 20 MGD Water Reclamation Facilities within compliance • Monitor SCADA and equipment and make plant adjustments or operational changes • CMMS Asset Management and work orders • Small budget and new initiatives projects • Work with LOTO, SOP's, and confined spaces • Act as team lead and train new hires • Aid in maintaining pumps and plant equipment • Monitor chemicals and set up re-order as well as make adjustments • Label, collect, and analysis samples • Make educated adjustments to plant processes • Maintain records and logs for DMR entries • Operate sludge dewatering equipment and belt presses for biosolids program • Give tours

Marion County Utilities

Ocala, FL

Operator B

October 2006 – March 2012

- Operator Responsible in Charge at Sliver Springs WWTP • Operate Wastewater treatment facility within compliance of State and NPDES permits • Collect and analyze samples • Interact with public • Create and complete reports including DMR and annual reuse • SCADA monitoring and changes • Preventative and corrective maintenance to plant equipment • Operate North County Parks and 11 Fire Station potable wells • Collect water system samples, such as Lead and Copper, dealing in door to door situations.

International Specialty Products

San Diego, CA

Process Technician

November 2004 – December 2005

- Operate and monitor machinery, including milling machines, industrial dryers, laboratory equipment, forklifts • Calculate blending formulas for pH, color, chemicals, moisture • Document product I.D. • Train new hires • OSHA, GMP, Hazmat • Product package

United States Coast Guard (Veteran)

Last Duty Station: Bristol, RI

Machinery Technician

September 1998 – November 2002

- Mechanic • Deck Supervisor • Underway Engineer Supervisor • Security watch stander • Rigger • Outboard motor repair • Oversee preventative maintenance to machinery and equipment • Unit health promotions coordinator; Crane and forklift operator • Cutter Rescue Swimmer

MEMBERSHIPS

• American Water Works Association • Water Environment Federation • NC AWWA-WEA • North Carolina Waterworks Operators Association

Profile

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None Selected

Please select your third Board preference: *

None Selected

Please select your fourth Board preference: *

None Selected

Please select your fifth Board preference: *

None Selected

Please select your sixth Board preference: *

None Selected

Tiffany

First Name

J

Middle Initial

VanDerwerker

Last Name

805 Wakehurst Drive

Street Address

Suite or Apt

Cary

City

NC

State

27519

Postal Code

What district do you live in?

None Selected

Mobile: (540) 212-3181

Primary Phone

Home: (540) 212-3181

Alternate Phone

tiffanyvanderwerker@gmail.com

Email Address

NC State University

Employer

PhD Student

Job Title

If you live in an Extraterritorial Jurisdiction Area, select Yes:

Yes No

In order to assure countywide representation, please indicate your place of residence:

Cary

Interests & Experiences

Why are you interested in serving on a Board or Commission?

I am currently a PhD student at NC State where my husband and I recently moved to Wake County. I am interested in the environmental future of Wake County and believe that education of the public and restoration of natural resources is the best way to keep Wake County beautiful.

Work Experience

2016—2021: Hydrogeologist, Maryland Geological Survey, Baltimore, MD. Responsibilities include conducting local and regional hydrogeologic investigations; interpreting water-quality data in relation to geology, land use, well construction, and other factors; preparing interpretive reports, maps, and data layers. 2012—2014: Staff Geologist, Draper Aden Associates, Blacksburg, VA. Responsibilities included overseeing monitoring well drilling and installation, determining groundwater flow rate and direction, soil sampling for hazardous substances, and validating groundwater data.

Volunteer Experience

Environmental Advisory Council for Carroll County, Maryland (April 2018 – April 2021) Virginia Tech Graduate Student Assembly (August 2014 - May 2016)

Education

North Carolina State University, Raleigh, NC: Earth Sciences, Ph.D., in progress Virginia Tech, Blacksburg, VA: Geosciences/Hydrogeology, M.S. 2016 Virginia Tech, Blacksburg, VA: Geosciences/Geochemistry, B.S. 2012

Comments

I believe that my enthusiasm for environmental stewardship and professional experience make me a great candidate for the Wake County Water Partnership.

[CV_VanDerwerker.pdf](#)

Upload a Resume

If you have another document you would like to attach to your application, you may upload it below:

Please upload a file

Demographics

Tiffany J VanDerwerker

[REDACTED]
Date of Birth

Gender *

Female

Ethnicity *

Caucasian

Other

How did you become aware of Wake County volunteer opportunities?

County Website

If you selected "Other" above, how?

Please upload a file

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Tiffany J. VanDerwerker, P.G.
Ph.D. Student
Marine, Earth and Atmospheric Sciences
North Carolina State University
3154 Jordan Hall | Raleigh, NC
tjvander@ncsu.edu

Education

North Carolina State University, Raleigh, NC: Earth Sciences, Ph.D., in progress
Virginia Tech, Blacksburg, VA: Geosciences/Hydrogeology, M.S. 2016
Virginia Tech, Blacksburg, VA: Geosciences/Geochemistry, B.S. 2012

Professional Experience

2016—2021: Hydrogeologist, Maryland Geological Survey, Baltimore, MD. Responsibilities include conducting local and regional hydrogeologic investigations; interpreting water-quality data in relation to geology, land use, well construction, and other factors; preparing interpretive reports, maps, and data layers.

2012—2014: Staff Geologist, Draper Aden Associates, Blacksburg, VA. Responsibilities included overseeing monitoring well drilling and installation, determining groundwater flow rate and direction, soil sampling for hazardous substances, and validating groundwater data.

Boards and Committee Memberships

PFAS Workgroup - State of Maryland (October 2020 - May 2021)
Environmental Advisory Council for Carroll County, Maryland (April 2018 – April 2021)
Virginia Tech Graduate Student Assembly (August 2014 - May 2016)

Selected Publications and Reports

VanDerwerker, T.J., In Prep., Effects of Road-Deicing Salt on Groundwater in the Maryland Piedmont: Maryland Geological Survey Report of Investigations No. 89

VanDerwerker, T.J., 2019, Water Quality and Temporal Variations in Chloride Concentrations in Groundwater in the Maryland Piedmont: Maryland Geological Survey Administrative Report 19-02-01

VanDerwerker, T.J., Bolton, D.W., and Gemperline, J.M., 2019, Wellwater Quality in the Appalachian Plateau Physiographic Province of Maryland: Maryland Geological Survey Report of Investigations No. 85

Gemperline, J.M., VanDerwerker, T.J., and Andreasen, D.C., 2018, Effects of increased withdrawals from the Aquia aquifer on the Mayo Peninsula, Anne Arundel County, Maryland with an evaluation of water quality: Maryland Geological Survey Report of Investigations No. 84

VanDerwerker, T.J., Zhang, L., Ling, E., Benham, B., and Schreiber, M.E., 2018, Evaluating Geologic Sources of Arsenic in Well Water in Virginia (USA), International Journal of Environmental Research and Public Health, vol. 15, 4, pp. 1-17.

VanDerwerker, T.J., 2016, Evaluating Sources of Arsenic in Groundwater Using a Logistic Regression Model: Blacksburg, Virginia, Virginia Tech, Master's Thesis, <https://vtechworks.lib.vt.edu/handle/10919/77957>

Warburton, T., Schreiber, M., VanDerwerker, T., Ling, E., Benham, B., and Spiller, A., 2019, Spatial Mapping of Trace Element Concentrations in Well Water in Virginia, Dennis Dean Undergraduate Research and Creative Scholarship Conference, Blacksburg, VA (poster).

Selected Presentations

"Road Salt Impacts on Groundwater and Water Quality" Tiffany VanDerwerker and Andrew Lazur, November 13, 2020 conducted as a virtual presentation for the University of Maryland AGNR Cornerstone Event.

"Road Salt Contamination in Groundwater and Surface Water in the Maryland Piedmont" Tiffany VanDerwerker, February 13, 2020 conducted as a talk for the Maryland Delaware Water Well Conference.

"Road Salt Contamination in Groundwater and Surface Water in the Maryland Piedmont" Tiffany VanDerwerker, December 6, 2019 conducted as a talk for the Maryland Water Monitoring Council Annual Conference.

"Temporal Variations in Chloride Concentrations in Groundwater in the Piedmont Physiographic Province of Maryland" Tiffany VanDerwerker, December 7, 2018: conducted as a poster for the Maryland Water Monitoring Council Annual Conference.

"Effects of Increased Withdrawals from the Aquia Aquifer on the Mayo Peninsula, Anne Arundel County, Maryland with an Evaluation of Water Quality" Tiffany J. VanDerwerker, September 27, 2018: conducted as a talk for the Maryland Groundwater Symposium.

"Groundwater 101" Tiffany J. VanDerwerker, September 25, 2018: conducted as a talk for the Central Atlantic States Association (Food and Drug Officials) Baltimore Conference.

"Evaluating Geologic Sources of Arsenic in Groundwater in Virginia using a Logistic Regression Model" Tiffany J. VanDerwerker, February 13-14, 2018: conducted as a talk for the Virginia Water Well Association Winter Conference.

"Evaluating Geologic Sources of Arsenic in Groundwater in Virginia using a Logistic Regression Model" Tiffany J. VanDerwerker and Dr. Madeline Schreiber, October 13, 2017: conducted as a webinar for the Virginia Cooperative Extension.

"Wellwater Quality in the Appalachian Plateau Physiographic Province of MD", Tiffany J. VanDerwerker, September 28, 2017: conducted a talk for the Maryland Groundwater Symposium in Baltimore, MD.

Awards and Accolades

January 2022 – Recipient of Graduate Student Research Grant from the Water Resources Research Institute of the University of North Carolina (WRRI-UNC) and North Carolina Sea Grant: "Assessing Water Quality in the Upper Cape Fear Aquifer, a Potential Alternate Drinking Water Source for Chemours-Area Residents"

April 2021 - Recipient of NC State University Provost's Doctoral Fellowship for academic year 2021-2022 Provost's Fellowships are one-year awards and are designed to help in college and departmental efforts to recruit outstanding new doctoral students to NC State University.

November 2018 - Sponsored attendee of the Emerging Leaders Alliance Conference in Falls Church, VA by the National Groundwater Association to foster leadership in the engineering and scientific community.