



MAP ENVIRONMENTAL INC.

ENVIRONMENTAL SERVICES

2019 Qualification Statement



January 2019

MAP Environmental Inc.

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Dear Friend,

As we conclude our first quarter of 2018, it's very gratifying and encouraging to see so many important and promising projects in Hampton Roads. This year we will witness the long-awaited completion of the new Lesner Bridge, Virginia Beach's first signature bridge, continued growth and development of Hampton Roads Crossing in Suffolk and various transportation infrastructure projects throughout Hampton Roads.



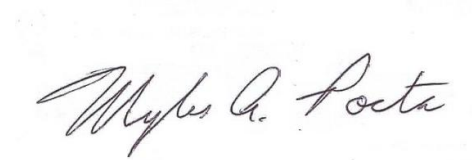
As these and other projects move forward, we are encouraged and optimistic about the region's growth through such endeavors as the City of Virginia Beach's Transatlantic Cable Project, Dominion's Atlantic Coast Pipeline, and Norfolk's continued revitalization efforts.

At MAP Environmental Inc., we are poised to provide environmental services, including timely regulatory consultation on the future growth and development of Hampton Roads. Whether its energy, water resources, land development, utilities, or transportation, we are ready to furnish environmental services and solutions.

Lastly, we are proud and grateful to be celebrating our 20-year anniversary in May. We are honored and blessed to have conducted business with so many valued clients for the past 20 years.

We thank all of our valued clients and friends and look forward to serving the Hampton Roads Community in 2019 and the years to follow!

Sincerely,



Myles A. Pocta, CEP, REM
President

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ABOUT US

In 1998, MAP Environmental Inc. (MAP) was formed in Virginia Beach, Virginia, and has steadily grown into a leading environmental firm in the area. MAP has successfully consulted on over 1,000 public and private projects in Hampton Roads and the state of Virginia. Our success is mostly attributable to the environmental and administrative staff that has consistently provided quality, timely, and personalized environmental service during an era of ever-changing, complex, and challenging environmental rules and regulations.

As with any professional consulting company, our clientele is the lifeblood of our business. Our growing list of clients includes both public and private companies in the Hampton Roads area and other parts of Virginia.



**MAP Environmental Inc. Headquarters
Virginia Beach, Virginia**

After many years of success, MAP Environmental Inc. is engaged on several regionally important projects such as:

- Chesapeake Energy Center, Chesapeake, Virginia
- Lesner Bridge Replacement Project, Virginia Beach, Virginia
- Yorktown Power Station, Yorktown, Virginia
- Hampton Roads Crossing, Portsmouth and Suffolk, Virginia
- Smithfield Foods Corporate Office, Smithfield, Virginia

Given our success and our future prospects, MAP Environmental Inc. is genuinely excited about the unique opportunities and challenges that await us in the coming years.

MISSION AND VALUES

The mission of MAP Environmental Inc. is to be the leading environmental consultant in the region, providing uncompromising personalized service to positively shape the future of the East Coast.

To carry out this mission, MAP advocates the following guiding principles:

1. Ensuring environmental compliance with integrity, efficiency, and courtesy.
2. Fostering partnerships among business, government, and environmental agencies.
3. Completing projects with the highest quality and in a timely, cost-effective manner.
4. Applying a positive, goal-oriented vision and attitude to every project.
5. Serving and supporting our region and local communities.

As part of our principle centered mission, MAP emphasizes the importance of relationships on every project. Whether it is a small, rural project or a large, complex urban assignment, MAP places a high standard on the client relationships throughout the project.

MAP is here to serve your environmental consulting needs. Our staff is experienced, dedicated, and ready to assist our clients with the utmost respect and courtesy, in the office or in the field.



Pictured to the left is one of our Environmental Consultants, Andrew Pocta, conducting a wetlands delineation.

COMMUNITY SERVICE

Community Service is an integral part of our company. The phrase “giving back to the community” is often discussed in business as a desirable activity; however, at MAP, community involvement is a part of our everyday culture. Since 1998, our employees have actively volunteered and participated in many local, regional, and national non-profit organizations, boards, and committees.

Over the years, our company’s president, Myles A. Pocta, has served on several of Virginia Beach’s boards and committees. Some of the local organizations include: the Virginia Beach Commission on Beaches and Waterways (formerly the Virginia Beach Erosion Commission), the Virginia Beach Enhancement Committee and the Transition Areas Advisory Committee. Since 2015, Mr. Pocta has been serving on the Virginia Beach Board of Zoning Appeals.



Regarding community involvement, Myles Pocta is currently on the Old Dominion University’s College of Sciences Advisory Board, Board for Our Lady of Perpetual Help – a senior housing facility – and an active member, lector, and former Pastoral Council Chair at the Church of the Ascension Catholic Church in Virginia Beach. Our Environmental Consultant, Andrew Pocta is an active member of Missioners of Christ, a Virginia Beach-based organization serving the poor in Virginia and abroad in Honduras. Our Operations Manager, Kathy Charbeneau is an active Booster Club and PTSA member and volunteer in the Virginia Beach City Public School system.

From a regional perspective, MAP is also contributing and/or serving on many committees and organizations. Our employees are actively serving the Virginia Beach Board of the Hampton Roads Chamber of Commerce, and are members of the Elizabeth River Project, Lynnhaven River Now, and many other related boards and organizations.

MAP is also actively engaged in several important national organizations. MAP maintains certification and membership with the National Association of Environmental Professionals (NAEP), the Academy of Board Certified Environmental Professionals (ABCEP), and the National Registry of Environmental Professionals (NREP).

SERVICES

MAP Environmental Inc. is a SWaM certified, multi-service environmental consulting firm that serves public and private clients in southeastern Virginia and northeastern North Carolina. We specialize on projects requiring wetland studies, environmental documents including Phase 1 Environmental Site Assessments (ESAs), environmental permitting, wetlands and stream mitigation, and expert environmental advice. Our company has a strong penchant for timely, effective, and successful service. For example, upon securing important Federal environmental permits for a local bridge replacement project, the client's Project Manager said:

"My personal experience with the (MAP) staff has been outstanding. The staff is very responsive, even when given short timelines on complicated scopes of work. Their 'can do' attitude along with their combined knowledge and understanding of the Federal and Virginia environmental regulations gave me confidence and peace of mind that their work would keep the City in compliance...I would highly recommend MAP Environmental Inc. for any environmental work and I am thankful to have them as an integral part of our Project Team."

We offer our clients a variety of services and options. Examples of our services are listed below:



**Munden Point Park
Virginia Beach, Virginia**

Environmental Documents and Studies

Our Environmental Documents and Studies address a wide array of National Environmental Policy Act (NEPA) and State Environmental Impact Report requirements. Environmental reports include the need for the proposed action, reasonable alternatives, environmental impacts of the proposed action and mitigation, and list consulted agencies and persons. Services follow environmental guidelines and ultimately address Federal, State, and local wetlands and water quality permitting requirements. Examples of such studies include: Feasibility and Corridor Studies, National Environmental Policy Act (NEPA) Documents, State Environmental Impact Reports (mini NEPAs), and Coastal Zone Management Consistency Determinations.

Hazardous Waste Studies

Examples of Hazardous Waste Studies include: Phase 1 Environmental Site Assessments (ESAs), Transaction Screen Reports, Environmental Audits, and Due Diligence Surveys. The purpose of a Phase 1 ESA is to identify recognized environmental conditions relating to the presence or likely presence of hazardous materials or petroleum products that adversely affect a property. The Phase 1 ESA is performed to ascertain whether the property represents a significant risk to human health and the environment. In accordance with the American Society for Testing and Materials (ASTM) Standard E1527-13, the ESA includes on-site investigation to visually identify the presence of obvious signs of contamination or hazardous materials.

Wetlands Delineations and Studies

The scope of the wetlands delineation involves a number of interrelated tasks including collecting and reviewing wetlands data of the site including United States Geological Survey, National Wetlands Inventory, Soil Conservation Service Survey, and aerial photography. We perform field investigations needed to define an acceptable wetlands boundary using the 1987 Army Corps of Engineers (COE) Wetlands Delineation Manual, including the 2010 Regional Supplement to the Manual. After conferring with the client on the results of the delineation, we coordinate and secure a wetlands boundary confirmation letter from the COE. Examples of these types of studies include: Wetlands Delineations (1987 COE Wetland Delineation Manual), Jurisdictional Wetlands Determinations, and Stream Determinations.

Wetlands and Water Quality Permitting

Our service involves preparation of joint permit applications, as required by Federal, State and local environmental agencies, for obtaining approval to construct a project in and around jurisdictional waters and wetlands. We submit and track the progress of the permit application, attend meetings when necessary, and coordinate with the client until the wetlands and water quality permits are issued. Our goal is simple: to secure timely approval from the Army Corps of Engineers (COE), Virginia Marine Resources Commission (VMRC), Department of Environmental Quality (DEQ), local wetlands boards, and Chesapeake Bay Preservation Area (CBPA) governing bodies.

Mitigation Planning and Design

Our services include a full range of stream and wetlands mitigation activities from conceptual ideas to detailed compensation plans. We typically provide compensation plans for tidal and non-tidal waters and wetlands throughout Virginia, particularly in the Hampton Roads area. Our plans satisfy Federal, State, and local compensation plan requirements. Examples include: Wildlife Corridor Studies, Wetlands and Stream Mitigation Planning and Banking, Conceptual Mitigation Plans, and Detailed Construction Plans.

Dredging and Coastal Studies

We routinely perform analyses and studies on waterfront, dredging, and marine projects as well. These studies often include assessments, water quality investigations and wetlands evaluations for proposed developments in estuarine, riverine, and waterfront environments (such as piers, bulkheads and marinas). Our services include coordination with, and approval from, local municipalities on the Chesapeake Bay Preservation Area (CBPA) ordinance.

EXPERIENCE

Over the past three decades, MAP Environmental Inc. has provided environmental solutions for projects involving land development, transportation, parks and recreation, utilities, waterfront and marine development, and environmental mitigation.

As with any professional consulting company, the lifeblood of our business and our experience is our clientele. We are fortunate to have a growing list of clients throughout Hampton Roads.

Representative clients include:

- U. S. Army Corps of Engineers
- City of Virginia Beach
- City of Chesapeake
- City of Norfolk and the Norfolk Redevelopment Housing Authority
- Dominion Energy
- Smithfield Foods, Inc.
- The Elizabeth River Project
- Clark Nexsen Architecture and Engineering
- Michael Baker International
- Napolitano Homes
- Terry-Peterson Residential Companies
- Classics 3 Group
- The Franklin Johnston Group
- Marlyn Development Corporation
- Impera Commercial and Land Company
- BECO Construction
- Kotarides Developers
- Chesapeake RV Solutions
- Priority Auto Group

The following pages present our experience and our success on projects related to Transportation, Land Development, Energy, Utilities, Parks and Recreation, Waterfront, and Mitigation.

Transportation

From bridge replacements to roads and tunnel expansions, MAP has garnered significant transportation experience. An example of our recent transportation work is the Lesner Bridge Replacement Project in Virginia Beach, Virginia. Following the completion of the Federal Highway Association (FHWA) and Virginia Department of Transportation (VDOT) approved Environmental Assessment in October 2009, MAP assisted in the procurement of the Finding of No Significant Impact (FONSI) in November 2011. MAP procured the Federal and State permits on this project in 2013. Construction began in spring 2014, and MAP is shepherding all federal and state compliance monitoring until project completion (scheduled for late 2018).



Lesner Bridge Replacement Project, Future Rendering

Some additional examples of our transportation experience include:

- Midtown Tunnel, Portsmouth to Norfolk, Virginia
- Elbow Road Phase II Extension, Virginia Beach, Virginia
- Route 35 Bridge Replacement, Courtland, Virginia
- Route 17 / Shoulders Hill Road, Suffolk, Virginia
- Churchland Bridge, Portsmouth, Virginia
- Nansemond Parkway, Suffolk, Virginia

Land Development

MAP has also worked on various Land Development projects. We have worked with companies that are constructing homes, businesses that are looking to expand, and various government and city officials on public projects. One of our most recent projects regarding land development is the Burton Station Phase III Strategic Growth Area in Virginia Beach. Under the direction of Clark Nexsen, we are handling the environmental permitting responsibilities on the project.



Burton Station, Virginia Beach, Virginia

Other regional land development projects include:

- Harborview, Suffolk, Virginia
- Virginia Modeling, Analysis, and Simulation Center, Suffolk and Portsmouth, Virginia
- Chesapeake Town Center, Chesapeake, Virginia
- Patrick Henry Marketplace, Newport News, Virginia
- Broad Creek Renaissance, Norfolk, Virginia
- Sanctuary at False Cape, Virginia Beach, Virginia

Energy

MAP has also worked on a variety of Energy based projects, including Energy Centers, Power Stations, and Oil Transportation projects. One of our recent Energy projects was for the Chesapeake Energy Center in Chesapeake, Virginia. Since 2010, MAP has provided environmental services to Dominion Virginia Power for on-going improvement to its Chesapeake Energy Center (CEC). Most recently, MAP secured the Army Corps of Engineers (COE) approval on wetland studies and required permitting for shoreline stabilization activities along the Southern Branch of the Elizabeth River. Currently, MAP is Dominion's permit manager for the decommissioning of the CEC.



Chesapeake Energy Center, Chesapeake, Virginia

Our energy portfolio includes projects at the following locations:

- Chesapeake Energy Center, Chesapeake, Virginia
- Yorktown Power Station, Yorktown, Virginia
- Chesterfield Power Station, Chesterfield, Virginia
- Yorktown Oil Terminal, Yorktown, Virginia

Utilities

MAP has worked on diverse utility infrastructure projects that require various environmental clearances and permits. Since 2006, we have provided environmental consulting services to Smithfield Foods on matters relating to wetlands and water quality. We have provided wetlands identification, delineation, and Chesapeake Bay Preservation Area (CBPA) Services, and secured Federal and State approval for roadways, utilities and storm water improvements near the Pagan River. Recently, MAP was engaged in wetlands permitting and CBPA services for Smithfield's facilities.



Smithfield Foods Innovation Center, Smithfield, Virginia

Other utility based experiences are:

- Wilkinson Road Water Main, Henrico County, Virginia
- Salem Road, Virginia Beach, Virginia
- Burton Station, Virginia Beach, Virginia
- Camp Pendleton Utility Line, Virginia Beach, Virginia

Parks and Recreation

MAP also has significant experience with Parks and Recreation projects. One of our more notable projects is the Mount Trashmore Park, which is frequented by over one million visitors annually. Since 2000, MAP has performed wetland compliance studies at Lake Trashmore at the park. Currently, MAP provides environmental services for the City of Virginia Beach – Parks and Recreation Annual Services Contract with Clark Nexsen.



Mount Trashmore Park, Virginia Beach, Virginia

Other examples of our Parks and Recreation experience are:

- West Neck Creek, Virginia Beach, Virginia
- Munden Point Park, Virginia Beach, Virginia
- Hutton Lane, Virginia Beach, Virginia
- Carolanne Farms, Virginia Beach, Virginia
- Princess Anne Wildlife Management Area, Virginia Beach, Virginia
- Buckner Boulevard, Virginia Beach, Virginia

Waterfront

MAP is routinely involved in the regulatory coordination and permitting for a variety of waterfront projects. Recently, MAP assisted the Department of Game and Inland Fisheries with the Federal and State permitting for the Princess Anne Wildlife Management Area boat launch facility.



Norfolk Cruise Terminal, Norfolk, Virginia

Additional waterfront experience includes:

- Norfolk Cruise Terminal, Norfolk, Virginia
- Chesapeake Energy Center, Chesapeake, Virginia
- Appomattox River, Petersburg and Colonial Heights, Virginia
- East Beach Marina and Apartments, Norfolk, Virginia
- Princess Anne Wildlife Management Area, Virginia Beach, Virginia

Mitigation

MAP has shepherded several mitigation projects over the last three decades. From concept to completion, MAP has led mitigation as principal environmental consultant and/or advisor on various wetland mitigation projects throughout Hampton Roads.



East Beach Marina and Apartments Mitigation, Norfolk, Virginia

Further examples consist of:

- Bendix Road, Virginia Beach, Virginia
- Pescara Creek, Norfolk, Virginia
- Appomattox River, Petersburg and Colonial Heights, Virginia
- Hampton Roads Sanitation District - Virginia Initiatives Plant, Norfolk, Virginia
- Sugar Hill, Portsmouth, Virginia
- Paradise Creek, Portsmouth, Virginia
- East Beach, Norfolk, Virginia
- Western Branch Crossings, Chesapeake and Suffolk, Virginia

RESUMES

Resumes for our President, Mr. Myles A. Pocta, our Environmental Consultant, Andrew Pocta, and our Environmental Scientist, Elizabeth Brock, are attached. They have all worked on a variety of projects for MAP Environmental, mostly in the Hampton Roads region.

The resumes provided below are one page, abbreviated resumes in order to demonstrate their specific qualifications and experiences. If you would like an extensive and full copy of their resumes, please contact us and we will be more than happy to send them to you.

Myles A. Pocta, CEP, REM

President

Education:

Bachelor of Science
Old Dominion University,
Physical Science, 1981

Master of Science
Old Dominion University,
Oceanography, 1988

Registration:

- Registered Environmental Manager, 1995 Virginia
- Certified Environmental Professional, 1991 Virginia
- Registered Environmental Professional, 1991 Virginia

Expertise:

- Environmental Impact Statements and Assessments
- Phase I Environmental Site Assessments
- Wetlands Delineation, Evaluation, and Mitigation
- Wetlands and Water Quality Permits
- Coastal Engineering Studies
- Expert Witness Testimony

Years of Experience:

35

QUALIFICATIONS

Myles Pocta has over 35 years of experience in the environmental consulting profession. His expertise includes wetlands and water quality permitting, environmental studies, environmental site assessments, wetland delineations and mitigation. Mr. Pocta has provided environmental solutions to many public and private clients on waterfront and utility projects, coastal engineering, transportation and land development projects. He has managed environmental studies and secured permits for major projects throughout Hampton Roads.

RELEVANT EXPERIENCE

- **Environmental Documents and Studies:** Mr. Pocta has extensive experience in leading, conducting and participating in a range of National Environmental Policy Act documents for transportation, utility, waterfront, land development and energy projects in Hampton Roads. His experience includes Environmental Impact Statements, Environmental Assessments, Categorical Exclusions and Programmatic Categorical Exclusions. Relevant projects include:
 - Midtown Tunnel, Portsmouth and Norfolk, VA
 - Lesner Bridge, Virginia Beach, VA
 - Indian River Road/Elbow Road, Virginia Beach, VA
 - Route 17/Shoulders Hill Road, Suffolk, VA
 - Nansemond Parkway, Suffolk, VA
- **Wetland Delineations:** Mr. Pocta supervises and performs wetlands evaluations and delineations throughout Hampton Roads. These delineations, done pursuant to the 1987 U.S. Army Corps of Engineers (COE) Wetlands Delineation Manual and the recent Regional Supplement, involve area reconnaissance; a review of historical, environmental, and regulatory records; a site investigation; a physical delineation (wetlands flagging), followed by a subsequent COE verification which is used for any necessary permitting and mitigation. Relevant projects include:
 - Old Mill Run, Chesapeake, VA
 - 5310 Holly Blvd, Virginia Beach, VA
 - Chesapeake Energy Center, Chesapeake, VA
 - Seaboard Road - Nimmo Parkway, Virginia Beach, VA
 - Fort Pickett, Blackstone, VA
- **Wetlands Permitting:** Mr. Pocta has shepherded the permitting process on a multitude of projects throughout Hampton Roads. Permitting services, which include agency coordination, permit application, mitigation and permit acquisition, were successfully provided for the following projects:
 - Lesner Bridge, Virginia Beach, VA
 - Midtown Tunnel, Portsmouth, VA
 - Yorktown Oil Terminal, Yorktown, VA
 - Seaboard Road, Virginia Beach, VA
 - Smithfield Foods, Smithfield, VA
- **Phase I Environmental Site Assessments (ESAs):** Mr. Pocta oversees and conducts Phase I ESAs pursuant to ASTM Standard E1527-13 for projects throughout Hampton Roads. These Phase I ESAs include site inspections, land records reviews, aerial photograph analyses, topographic and geologic reviews, and technical report preparation. His experience includes residential, undeveloped, multi-tenant commercial and retail buildings, and industrial development. Representative projects include:
 - Hampton Roads Crossing, Suffolk, VA
 - 3128 Victory Blvd, Portsmouth, VA
 - 820 Shirley Ave, Norfolk, VA
 - 2120 Centerville Turnpike, Virginia Beach, VA
 - Greengables at Berkshire, Chesapeake, VA

Andrew Pocta

Environmental Consultant

Education:

Bachelor of Arts

Virginia Commonwealth University, 2010

Registration:

FAA-Certified sUAS
Remote Pilot

Certificate #3924016

Expertise:

- Wetlands Delineation, Evaluation, and Mitigation
- Phase I Environmental Site Assessments
- Wetlands and Water Quality Permits
- Permit Compliance Monitoring
- Aerial Photography /Videography

Years of Experience:

6

Qualifications

Andrew Pocta has over six years of experience in the environmental consulting profession. His expertise includes conducting wetland delineations and evaluations, preparing joint permit applications (JPAs) and securing necessary wetland permits, preparing environmental documents (i.e. NEPA documents) and environmental site assessments (ESAs), for projects throughout Hampton Roads.

Relevant experience

- **Environmental Documents and Studies:** Mr. Pocta has experience in addressing a wide array of National Environmental Policy Act (NEPA) documents and State Environmental Impact Report requirements for a multitude of projects. This involves evaluating the need for the proposed action, alternatives considered, consultation with the appropriate agencies and preparing a robust inventory of all impacts to environmental resources. Examples of relevant work include:
 - Indian River Road/Elbow Road Revised EA, Virginia Beach, VA
 - Route 17/Shoulders Hill Road, Suffolk, VA
 - Nansemond Parkway/Wilroy Road, Suffolk, VA
 - FLETC, Artesia, NM
- **Wetland Delineations and Permitting:** Mr. Pocta conducts and assists other team members with wetlands evaluations and delineations throughout Hampton Roads. These delineations are done in compliance with the 1987 U.S. Army Corps of Engineers (COE) Wetlands Delineation Manual and the recent Regional Supplement. Subsequently, Mr. Pocta prepares Joint Permit Applications (JPAs) which include agency coordination, mitigation and permit acquisition and associated compliance. A sample of projects for which Mr. Pocta has secured permits is:
 - Thalia Creek Greenway, Virginia Beach, VA
 - Meadows at Bennett's Creek, Suffolk, VA
 - Price Street Apartments, Virginia Beach, VA
 - Kings Fork Village, Suffolk, VA
 - Everton Estates, Chesapeake, VA
- **Project Compliance Monitoring:** Mr. Pocta conducts construction compliance monitoring events and prepares compliance reports for the aforementioned locations. Additionally, Mr. Pocta is a FAA certified Small Unmanned Aircraft System (sUAS or "drone") pilot which he utilizes for recording video footage on a number of projects. Below is a sample of projects:
 - Lesner Bridge, Virginia Beach, VA
 - East Beach, Norfolk, VA
 - Chesapeake Energy Center, Chesapeake, VA
 - Yorktown Power Station, York County, VA
 - Mount Trashmore, Virginia Beach, VA

Molly Bertsch

Environmental Scientist

Education:

Bachelor of Science -
Fisheries Science
Virginia Tech, 2009

Master of Education
Regent University, 2015

Expertise:

- Wetlands Delineation, Evaluation, and Mitigation
- NEPA Concurrence
- Data Collection & Field Analysis Interpretation
- Technical Report Writing
- Phase I Environmental Site Assessments
- Water Quality Monitoring and Permitting
- Permit Compliance Management

Years of Experience:

9

QUALIFICATIONS

Molly Bertsch has 9 years of experience in the environmental profession, including eight years as a scientist and environmental educator for a public agency prior to entering the consulting field. Her expertise includes environmental studies, environmental site assessments, wetland delineations, mitigation, water quality monitoring and permitting, and permit management.

RELEVANT EXPERIENCE

- **Environmental Documents and Studies:** Ms. Bertsch has experience preparing National Environmental Policy Act (NEPA) documents and addressing State Environmental Impact Report requirements for a wide array of projects. This involves evaluating project need and alternatives considered, consulting with appropriate federal and state agencies, and preparing inventories of impacts to environmental resources. Ms. Bertsch's most notable projects include:
 - **Federal Law Enforcement Training Center Office of Artesia Operations, Artesia, New Mexico**
 - **Indian River Road and Elbow Road Extended, Virginia Beach, VA**
 - **Nansemond Parkway/Wilroy Road, Suffolk, VA**
- **Joint Permit Applications (JPAs):** Ms. Bertsch prepares JPAs for Clients needing permits for the potential development and/or construction of properties that impact jurisdictional wetlands. Ms. Bertsch's most notable projects are listed below:
 - **Elbow Road Extension- Phase II, Virginia Beach, VA**
 - **Little Creek Expeditionary Base- Fort Story Special Operations Forces Small Arms Testing Center, Virginia Beach, VA**
- **Wetland Delineations:** Ms. Bertsch conducts wetlands evaluations and delineations for the aforementioned areas in Virginia. Ms. Bertsch conducts these assessments according to the 1987 U.S. Army Corps of Engineers (COE) Wetlands Delineation Manual and the recent Regional Supplement, which includes area reconnaissance; a review of historical, environmental, and regulatory records; a site investigation; and wetlands flagging with GPS locations. Ms. Bertsch compiles the findings into a technical report and presents them to the U.S. Army Corps of Engineers for their verification. Ms. Bertsch's most notable projects are listed below:
 - **Naval Station Norfolk- Chambers Field, Norfolk, VA**
 - **McLean Street, Portsmouth, VA**
 - **24th Street, Virginia Beach, VA**
- **Phase I Environmental Site Assessments (ESAs):** Ms. Bertsch conducts Phase I ESAs for projects in Hampton Roads, Virginia. Ms. Bertsch conducts these assessments pursuant to ASTM Standard E1527-13, which include site inspections, land records reviews, aerial photograph analyses, topographic and geologic reviews, and technical report preparation. Ms. Bertsch's most recent projects are listed below:
 - **Southern Boulevard, Virginia Beach, VA**
 - **South Parliament Drive, Virginia Beach, VA**
 - **Peters Creek Road, Roanoke, VA**

REFERENCES

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TESTIMONIALS

MAP is proud to provide uncompromising personalized services to all of our clients. See what some of them have to say about our team:

“My personal experience with the MAP staff has been outstanding. The staff is very responsive, even when given short timelines on complicated scopes of work. Their ‘can do’ attitude along with their combined knowledge and understanding of the Federal and Virginia environmental regulations gave me confidence and peace of mind that their work would keep the City in compliance...I would highly recommend MAP Environmental Inc. for any environmental work and I am thankful to have them as an integral part of our Project Team.”

David Mergen, Environmental Specialist II – City of Chesapeake

“Over the years we have continually engaged MAP Environmental for all of our environmental services. Their professional, responsive and effective service is what brings us back.”

Tuck Bowie, President – The Terry Peterson Companies

"I have the utmost confidence in the quality and effectiveness of MAP Environmental's services. Myles and his staff exhibit sincere care over each project and their high level of respect for their clients is very evident in each interaction."

Jeremy Starkey, First Vice President – Monarch Bank

“When changes were made in the late stages of design and during construction, we were glad that MAP Environmental had the expertise to sort out and address these impacts to our various environmental permits to keep the project on schedule and avoid costly delays!”

Christopher Wojtowicz, P.E. – City of Virginia Beach Public Works

"MAP Environmental was instrumental in the coordination and acquisition of the environmental permits for the Lesner Bridge Project. MAP's execution of a plan for advanced coordination with owners, engineers, stakeholders, and environmental agencies was key to the early acquisition of the environmental permits for this major infrastructure project for the City of Virginia Beach. Their knowledge and understanding of the permit process assured that the project could begin construction within the City's aggressive schedule".

David A. Bradshaw, Principal – Clark Nexsen

CERTIFICATIONS AND ACCREDITATIONS

MAP has a variety of certifications and accreditations. Please find a list of our certifications and accreditations below:

- Virginia Small, Women and Minority owned Business Program (SWaM) Certified – 683855
- Academy of Board Certified Environmental Professionals, Inc. (ABCEP) Members
- Certified Environmental Professional (Certification Number 04302)
- National Association of Environmental Professionals (NAEP) Members
- Hampton Roads Chamber of Commerce- Virginia Beach Board Member
- National Registry of Environmental Professionals
- Registered Environmental Professional (REP 5007)
- Virginia Association of Wetland Professionals (VAWP) Members
- Virginia Association of Soil and Water Conservation Districts (VASWCD) Members
- North American Industry Classification System (NAICS) - 541620, 541330, 541370, 541690
- Standard Industrial Classification (SIC) - 8711, 8713, 8741, 8742

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