The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at ***wvOASIS.gov***. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at ***WVPurchasing.gov*** with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

Header 1

List View

General Information | Contact | Default Values | Discount | Document Information | Clarification Request

Procurement Folder: 1954307
Procurement Type: Central Contract - Fixed Amt
Vendor ID: 000000173443
Legal Name: POTESTA & ASSOCIATES INC
Alias/DBA:
Total Bid: $0.00
Response Date: 06/04/2026
Response Time: 13:22
Responded By User ID: KJTINGLER
First Name: Kristi
Last Name: Tingler
Email: kjtinger@potesta.com
Phone: 3045531269

SO Doc Code: CEOI
SO Dept: 1400
SO Doc ID: AGR2600000001
Published Date: 5/21/26
Close Date: 6/4/26
Close Time: 13:30
Status: Closed
Solicitation Description: Waste Water Treatment Plant - Expression of Interest
Total of Header Attachments: 1
Total of All Attachments: 1

Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

State of West Virginia
Solicitation Response

Proc Folder:	1954307
Solicitation Description:	Waste Water Treatment Plant - Expression of Interest
Proc Type:	Central Contract - Fixed Amt

Solicitation Closes	Solicitation Response	Version
2026-06-04 13:30	SR 1400 ESR06042600000008470	1

VENDOR

000000173443
POTESTA & ASSOCIATES INC

Solicitation Number: CEOI 1400 AGR2600000001

Total Bid: 0 **Response Date:** 2026-06-04 **Response Time:** 13:22:22

Comments:

FOR INFORMATION CONTACT THE BUYER
Larry D McDonnell
304-558-2063
larry.d.mcdonnell@wv.gov

Vendor
Signature X **FEIN#** **DATE**

All offers subject to all terms and conditions contained in this solicitation

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Waste Water Treatment Plant				0.00

Comm Code	Manufacturer	Specification	Model #
81000000			

Commodity Line Comments:

Extended Description:

Please see attached documentation for further details.

POTESTA
Engineers and Environmental Consultants
7012 MacCorkle Avenue, SE, Charleston, WV 25304 • (304) 342-1400 • www.potesta.com

June 4, 2026

Agriculture Department of Administrative Services
1900 Kanawha Boulevard, East
Charleston, West Virginia 25305

RE: Solicitation No. AGR2600000001
Wastewater Treatment Plant at Cedar Lakes Conference Center
Ripley, West Virginia
POTESTA Project No. 0101-26-0148

To Whom It May Concern:

Potesta & Associates, Inc. (POTESTA) is pleased to submit this Letter of Interest and Statement of Qualifications to the West Virginia (WV) Department of Agriculture to evaluate and identify options for advisement on the overall upgrade of the Cedar Lakes Conference Center's Wastewater Treatment Facility and additional facility infrastructure upgrades, demolition of existing structures, and lab upgrades to the Environmental Training Center in Ripley, West Virginia. POTESTA specializes in the evaluation, design, and implementation of wastewater treatment improvements for institutional, municipal, and utility clients. We serve as Engineer-of-Record for numerous utility providers and municipalities for wastewater/water treatment plants, sewer collection systems, pump stations, storage tanks, and large-scale rehabilitation projects.

POTESTA has extensive experience designing package wastewater treatment plants (WWTP) using a variety of technologies, including package Rotating Biological Contractor (RBC), including the recent design, regulatory, bidding, and construction phase services for a 20,000 GPD packaged RBC WWTP constructed at the West Virginia Division of Natural Resources' North Bend State Park. POTESTA has also completed preliminary engineering for two package RBC WWTPs in Boone County, West Virginia.

If you have any questions or require additional information, please feel free to contact us. **Given our technical expertise, comprehensive experience, project knowledge, and proximity, POTESTA is the ideal choice for this work**. We look forward to meeting with the WV Department of Agriculture, other stakeholders, and the selection committee to discuss our qualifications, experience, and approach in further detail.

Sincerely,

POTESTA & ASSOCIATES, INC.

Dana L. Burns

Dana L. Burns, PE, PS
President

Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

State of West Virginia
Centralized Expression of Interest
Architect/Engr

Proc Folder:	1954307	**Reason for Modification:**
Doc Description:	Waste Water Treatment Plant - Expression of Interest	Addendum No. 01
Proc Type:	Central Contract - Fixed Amt	

Date Issued	Solicitation Closes	Solicitation No	Version
2026-05-21	2026-06-04 13:30	CEOI 1400 AGR2600000001	2

BID RECEIVING LOCATION

BID CLERK
DEPARTMENT OF ADMINISTRATION
PURCHASING DIVISION
2019 WASHINGTON ST E
CHARLESTON WV 25305
US

VENDOR

Vendor Customer Code: 000000173443
Vendor Name : Potesta & Associates, Inc.
Address : 7012
Street : MacCorkle Avenue, SE
City : Charleston
State : WV **Country :** US **Zip :** 25304
Principal Contact :
Vendor Contact Phone: **Extension:**

FOR INFORMATION CONTACT THE BUYER
Larry D McDonnell
304-558-2063
larry.d.mcdonnell@wv.gov

Vendor Signature X Dana L. Burns **FEIN#** 31-1509066 **DATE** 06/04/2026

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION

Addendum No. 01
To attach the revised version of the specifications for expression of interest and to include attachment referenced in Section Three: Project Specifications subsection 1.

Bid opening date and time still remains 06/04/2026 at 1:30PM EST/EDT.

No other changes

INVOICE TO	SHIP TO
AGRICULTURE DEPARTMENT OF ADMINISTRATIVE SERVICES 1900 KANAWHA BLVD E CHARLESTON WV 25305-0173 US	STATE FFA-FHA CAMP CEDAR LAKES CONFERENCE CENTER 82 FFA DR RIPLEY WV 25271 US

Line	Comm Ln Desc	Qty	Unit Issue
1	Waste Water Treatment Plant		

Comm Code	Manufacturer	Specification	Model #
81000000			

Extended Description:
Please see attached documentation for further details.

SCHEDULE OF EVENTS

Line	Event	Event Date

	Document Phase	Document Description	Page 3
AGR2600000001	Final	Waste Water Treatment Plant - Expression of Interest	

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CEOI AGR26*01

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received:
(Check the box next to each addendum received)

[X]	Addendum No. 1	[ ]	Addendum No. 6
[ ]	Addendum No. 2	[ ]	Addendum No. 7
[ ]	Addendum No. 3	[ ]	Addendum No. 8
[ ]	Addendum No. 4	[ ]	Addendum No. 9
[ ]	Addendum No. 5	[ ]	Addendum No. 10

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

Potesta & Associates, Inc.

Company

Dana L. Burns

Authorized Signature

06/04/2026

Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.

Statement of QUALIFICATIONS

PREPARED FOR:

West Virginia DEPARTMENT OF AGRICULTURE
COMMISSIONER, KENT A. LEONHARDT

WASTEWATER TREATMENT PLANT
SOLICITATION #AGR2600000001

PREPARED BY:

POTESTA
Engineers and Environmental Consultants

CHARLESTON
7012 MacCorkle Ave., SE
Charleston, WV 25304
(304) 342-1400

MORGANTOWN
125 Lakeview Dr.
Morgantown, WV 26508
(304) 225-2245

WINCHESTER
15 South Braddock St.
Winchester, VA 22601
(540) 450-0180

PROJECT CONTACT:

R. Matthew McLane ⏩ mmclane@potesta.com
7012 MacCorkle Ave., SE ⏩ Charleston, WV 25304

SUBMISSION DUE DATE:

June 4, 2026
Project Number ⏩ 0101-26-0148

TABLE OF CONTENTS

APPENDIX

QUALIFICATIONS / EXPERIENCE

POTESTA
Engineers and Environmental Consultants

EXTENSIVE. TRUSTED. INNOVATIVE.

POTESTA
Engineers and Environmental Consultants

COMPANY PROFILE

Incorporated in 1997 in Charleston, West Virginia by Mr. Ronald R. Potesta, POTESTA is a full-service engineering and environmental consulting firm that has been delivering exceptional services across the Mid-Atlantic region since its inception. Our firm operates under a centralized leadership team, and each project is managed by a designated Project Manager to ensure accountability, communication, and consistent project delivery.

We serve a diverse range of clients, including local, state, and federal agencies, as well as industries such as mining, manufacturing, utilities, waste management, land development, legal, finance, insurance, education, construction, and architecture.

MAIN POINT OF CONTACT

Dana L. Burns, PE, PS
President
dlburns@potesta.com
(304) 342-1400

With over 29 years of proven success, we've delivered countless projects marked by quality, reliability, and lasting client relationships.

OFFICE LOCATIONS

MORGANTOWN, WV


WINCHESTER, VA

CHARLESTON, WV

90+ EMPLOYEES

- **27** Engineers
- **39** Technical Support
- **14** Environmental
- **11** Administrative

SERVICES

ENGINEERING SERVICES

- Civil Engineering
- Geotechnical Engineering
- Water Resources Engineering
- Environmental Engineering
- Site Design
- Stormwater Management
- Water & Wastewater Design
- Transportation Engineering
- Mining Engineering
- Construction Monitoring
- Surveying & CADD

ENVIRONMENTAL SERVICES

- Wetlands & Ecological Studies
- Remediation & Contaminated Site Cleanup
- Air Quality & Emissions Monitoring
- Waste Management & Recycling
- Environmental Site Assessments
- Water & Wastewater Management
- Hazardous Materials Management

REGULATORY SERVICES

- Permitting
- Environmental Impact Assessments (NEPA)
- Regulatory Liaison
- Health & Safety Plans
- Risk Management & Due Diligence

SPECIALIZED SERVICES

- Geographic Information Systems
- Renewable Energy Consulting
- Oil & Gas Consulting
- Coal Supply & Procurement
- Land Management Services
- Litigation Support

POTESTA
Engineers and Environmental Consultants

WASTEWATER ENGINEERING

POTESTA specializes in comprehensive wastewater engineering services, including treatment plant evaluations, rehabilitation projects, and new facility design. We understand the challenges associated with aging wastewater infrastructure and the importance of identifying reliable, cost-effective solutions that meet operational needs, regulatory requirements, and long-term performance goals. Our team has extensive experience evaluating existing treatment processes, developing and comparing treatment alternatives, preparing permitting and bid documents, and providing construction administration and monitoring through project completion. POTESTA offers a fully integrated approach that combines engineering, environmental, surveying, permitting, and construction-phase services under one roof, allowing us to deliver practical solutions while maintaining project schedules, controlling costs, and minimizing impacts to facility operations.

WASTEWATER SYSTEM DESIGN, TREATMENT, AND REGULATORY SUPPORT

PLANNING, REGULATORY, AND SUPPORT SERVICES

- **Conduct facility planning and alternatives analyses to evaluate existing treatment systems, identify cost-effective solutions, and support long-term infrastructure planning.**
- **Provide environmental permitting and regulatory compliance assistance to ensure projects meet federal, state, and local requirements.**
- **Support funding acquisition and administration for wastewater infrastructure improvements.**
- **Perform construction administration, observation, and inspection services to ensure projects are completed in accordance with plans, specifications, schedule, and budget.**

WASTEWATER TREATMENT PLANT (WWTP) DESIGN & OPERATION

- **Evaluate existing wastewater treatment facilities and develop rehabilitation or replacement alternatives based on operational, regulatory, and lifecycle considerations.**
- **Design wastewater treatment systems utilizing biological, physical, and chemical treatment processes tailored to facility-specific needs.**
- **Design instrumentation, controls, and electrical improvements to enhance system reliability, efficiency, and operational performance.**
- **Upgrade and expand wastewater treatment facilities to accommodate changing flows, loading conditions, and future regulatory requirements.**

WASTEWATER SYSTEM DESIGN, TREATMENT, AND REGULATORY SUPPORT

COLLECTION & CONVEYANCE SYSTEMS

- Design, rehabilitation, and replacement of collection system infrastructure, including gravity sewers, force mains, manholes, and pump stations.
- Conduct collection system assessments and rehabilitation programs to address structural deficiencies, infiltration, inflow, and capacity limitations.

ADVANCED & SPECIALIZED TREATMENT PROCESSES

- Implementation and optimization of advanced treatment processes, such as membrane filtration, UV disinfection, and ozonation, to address emerging contaminants and improve water quality.
- Pilot testing and deployment of innovative treatment technologies.
- Design and upgrading of nutrient removal systems to reduce nitrogen and phosphorus discharges and comply with increasingly stringent regulatory standards.

COMBINED & STORMWATER SYSTEMS

- Design and construction of CSO mitigation infrastructure, including storage facilities, tunnels, and green infrastructure, to manage stormwater and prevent sewer overflows during heavy rainfall events.
- Conduct inflow and infiltration (I/I) studies and implement stormwater separation projects to identify sources of excess water, divert stormwater from sanitary sewers, and improve overall system capacity and performance.

SLUDGE & RESIDUALS MANAGEMENT

- Design systems to handle, treat, and dispose of or recycle the sludge produced by wastewater treatment plants.
- Utilize technologies such as centrifuges, belt presses, or drying beds to reduce the volume of sludge and prepare it for disposal or use as fertilizer.
- Ensure safe disposal or converting sludge into products like compost, bio-solids, or renewable energy.

WATER REUSE & RESOURCE RECOVERY

- Water reuse and recycling systems for non-potable and indirect potable applications.
- Effluent reuse applications including irrigation, industrial processes, and municipal uses.
- Biosolids and sludge management encompassing digestion, energy recovery, thickening, dewatering, and disposal.

POTESTA
Engineers and Environmental Consultants

PERMITTING / REGULATORY COMPLIANCE

POTESTA provides environmental permitting and regulatory compliance services for wastewater treatment facilities, collection systems, and utility infrastructure projects throughout West Virginia. Our multidisciplinary team identifies applicable regulatory requirements early in project development and incorporates permitting and compliance considerations into facility evaluations, alternatives analyses, design, and construction activities. POTESTA routinely coordinates with the West Virginia Department of Environmental Protection (WVDEP), U.S. Environmental Protection Agency (EPA), U.S. Army Corps of Engineers (USACE), and other regulatory agencies to support timely permit approvals and successful project implementation.

ENVIRONMENTAL PERMITTING & AGENCY COORDINATION

- **Environmental Constraints & Risk Assessments**
- **Floodplain Impact Analysis**
- **Stream & Wetland Delineation**
- **Cultural, Archaeological, & Historic Resource Coordination**
- **Endangered Species Coordination & Biological Assessments**
- **Invasive Species Management**
- **Water Quality Assessments**
- **Phase I Environmental Site Assessments**
- **Environmental Sampling & Remediation Support**
- **Wetland Mitigation Planning**
- **Stream Restoration & Stabilization Design**
- **Revegetation & Habitat Restoration Planning**
- **Stormwater Management & Erosion and Sediment Control Design**
- **Environmental Compliance Monitoring**
- **Post-Construction Monitoring & Reporting**
- **Regulatory & Permitting Support**

POTESTA
Engineers and Environmental Consultants

CIVIL ENGINEERING

POTESTA has extensive experience supporting public infrastructure, utility, and facility improvement projects for municipalities, counties, regional organizations, educational institutions, and state agencies. Our team provides services from initial planning and facility evaluations through design, permitting, bidding, and construction-phase support, helping clients successfully navigate funding, regulatory, and project delivery requirements.

Our engineering staff offers expertise across a broad range of civil and environmental engineering disciplines, including wastewater treatment facilities, utility infrastructure, site development, grading, drainage, stormwater management, and building-related improvements. In addition, POTESTA provides environmental consulting and regulatory compliance services, assisting clients with permitting, agency coordination, environmental review, and construction support to advance projects efficiently from concept through completion while meeting applicable federal, state, and local requirements.

PRELIMINARY ENGINEERING

- **Site Selection, Feasibility Studies & Alternatives Analysis**
- **Existing Facility, Infrastructure & Utility Condition Assessments**
- **Wastewater Treatment Facility Evaluation & Process Alternatives Analysis**
- **Surveying, GIS Mapping & Data Collection**
- **Utility Coordination, Capacity Evaluation & Service Planning**
- **Environmental Assessments & Site Evaluation**
- **Conceptual Site Layouts & Preliminary Design Development**
- **Grading, Drainage, Stormwater & Geotechnical Evaluation**
- **Permitting, Regulatory Coordination & OPCC**

DESIGN SERVICES

- **Site Layout & Facility Design**
- **Vehicular, Pedestrian & Service Access Design**
- **ADA Accessibility Compliance**
- **Grading, Drainage, Stormwater & Earthwork Design**
- **Water, Wastewater & Utility Infrastructure Design**
- **Retaining Wall, Earth Retention & Slope Stability Design**
- **Building, Laboratory & Facility Improvements**
- **Demolition Planning, Site Redevelopment & Utility Relocations**
- **Construction Drawings, Specifications, Contract Documents & Construction Phase Services**

POTESTA
Engineers and Environmental Consultants

FUNDING ASSISTANCE

POTESTA assists clients in identifying and securing funding opportunities to support their projects. Our team provides guidance through all stages of the funding process, including research, grant writing, and application support, to help clients access local, state, and federal resources that align with their project goals. By leveraging our technical expertise and familiarity with agency requirements, we help maximize funding potential and move projects forward efficiently.

PROJECT FUNDING SERVICES

- **Prioritization of Capital Needs — evaluate and prioritize capital projects based on factors such as urgency, regulatory compliance, risk management, environmental impact, and long-term value.**
- **Identify Funding Opportunities — target the most appropriate funding sources to the specific need, project scope, and regulatory requirements.**
- **Grant Application Assistance — understand what type of grant applying for and ensure project meets conditions of grant. Create detailed project description, cost estimate, and timeline of the project. Provide a Preliminary Engineering Report, if necessary, depending on the grant.**
- **Obtain Approvals Before Project Submission — assist in regulatory processes and obtain required approvals before submission of the application.**
- **Manage and Meet Project Deadlines — develop a clear, detailed project plan and timelines that outlines all major milestones and critical tasks, deliverables, and deadlines.**
- **Track the Status of the Application — monitor the status of the grant applications throughout the review and approval process.**
- **Liaison with Grant-Making Agency — act as a liaison between the client and the grant-making agency, facilitating a smooth, transparent, and efficient relationship. Ensure that all requirements are met, questions are answered, and the project aligns with the funding agency's objectives.**
- **Attend Public Hearings/Meetings — represent our clients at these public forums, helping to ensure smooth communication, regulatory compliance, and public engagement.**

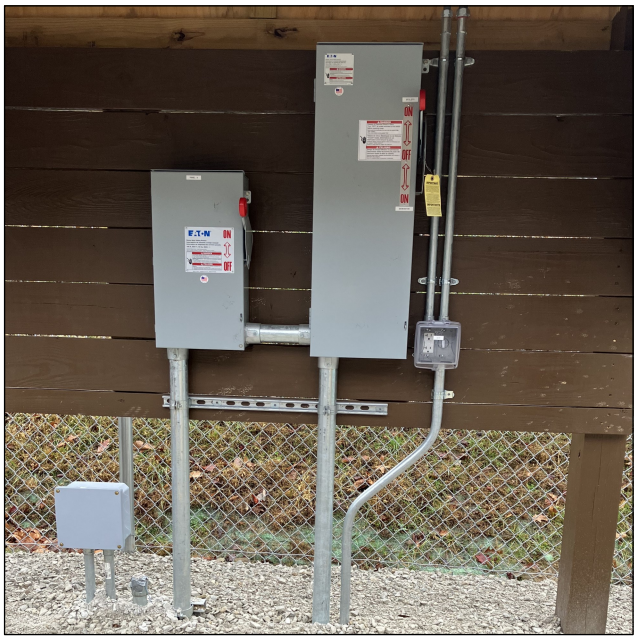
POTESTA
Engineers and Environmental Consultants

Harper Engineering

ELECTRICAL ENGINEERING

Harper Engineering PLLC (Harper) provides comprehensive electrical, mechanical, plumbing, and fire protection engineering services for institutional, governmental, commercial, and public infrastructure projects throughout West Virginia. POTESTA routinely retains Harper to support our wastewater treatment facilities, pump stations, utility infrastructure, laboratory facilities, and building system upgrade projects. The firm's staff has over 100 years of combined experience evaluating existing electrical systems, designing power distribution, lighting, instrumentation, controls, emergency power systems, and coordinating improvements within occupied facilities. Utilizing Building Information Modeling (BIM) Level 350 coordination and a collaborative design approach, Harper delivers efficient, constructible solutions that minimize conflicts, reduce change orders, and support successful project delivery from planning through construction.

POTESTA subcontracted with Harper on the recent **improvements to the wastewater collection and treatment system at North Bend State Park in Ritchie County for the West Virginia Division of Natural Resources**. Harper provided electrical design, mechanical drafting, shop drawings, and construction administration for the installation of a transfer switch for an emergency generator at the WWTP. This experience demonstrates Harper's ability to evaluate existing utility infrastructure, improve system reliability through emergency power solutions, and coordinate upgrades within active wastewater treatment facilities.



Harper's services will be used on this project for electrical upgrades to include a backup generator for power outages and electrical/mechanical—related upgrades to the West Virginia Environmental Training Center Lab.

Mr. Jason Harper brings more than 23 years of experience in the evaluation, design, and implementation of building systems and utility infrastructure improvements. His expertise includes power distribution, emergency power systems, instrumentation and controls, lighting, HVAC, plumbing, and fire protection systems for public facilities, institutional campuses, and utility-related projects. As Principal and Project Manager, he oversees projects from initial assessment and design through construction administration and startup, ensuring practical, reliable, and cost-effective solutions. His responsibilities include project management, multidisciplinary coordination, BIM oversight, quality control, and client communication.

Mr. Harper works closely with project teams during the early stages of design to develop practical, efficient, and reliable building systems that meet operational needs, regulatory requirements, budget constraints, and long-term facility goals.

CONSTRUCTION MANAGEMENT / ADMIN

POTESTA
Engineers and Environmental Consultants

EXPERIENCED. STRONG. QUALIFIED.

POTESTA
Engineers and Environmental Consultants

CONSTRUCTION PHASE SERVICES

Successful project delivery requires careful oversight during construction. Construction phase services include essential activities that support the successful implementation of engineering designs in the field. POTESTA provides construction monitoring and contract administration services to help clients meet regulatory and contractual requirements. Our team verifies that contractor activities comply with design plans and specifications while serving as an extension of the client's staff throughout construction. These services help ensure projects are completed efficiently, safely, and in accordance with project standards.

CONSTRUCTION OBSERVATION

- **Construction Oversight —** Full-time or periodic construction monitoring to verify compliance with design plans, specifications, safety requirements, and quality standards.
- **Quality Assurance / Quality Control (QA/QC) —** Inspections and testing of construction materials and workmanship, identification of deficiencies, and verification of corrective actions.
- **Documentation & Record-Keeping —** Maintenance of detailed records of construction activities, inspections, testing results, and approvals.
- **Environmental Compliance Monitoring —** Verification that construction activities comply with environmental permits and minimize impacts to surrounding resources.

CONSTRUCTION ADMINISTRATION

- **Project Coordination & Meetings —** Participation in pre-construction conferences, progress meetings, and coordination with contractors and project stakeholders.
- **Progress Monitoring & Reporting —** Tracking construction progress, identifying potential issues or delays, and providing regular updates to the client.
- **Contract Administration —** Interpretation of contract documents, preparation of clarifications or supplemental instructions, and management of change orders and claims.
- **Contractor Submittal & Payment Review —** Review of shop drawings, product data, schedules, and contractor payment applications, and preparation of Certificates of Substantial Completion.

POTESTA
Engineers and Environmental Consultants

DAILY FIELD ACTIVITY LOG

7012 MacCorkle Avenue, SE, Charleston, WV 25304 P Phone: (304) 342-1400 P Fax: (304) 343-9031

PROJECT NAME: _____

PROJECT NUMBER: _____

PREPARED BY: _____

DATE: _____ PAGE _____ OF _____

WEATHER CONDITIONS: _____

SITE CONDITIONS: _____

_____

PERSONNEL ON SITE:

CONTRACTOR: _____

_____

OWNER: _____

_____

VISITORS: _____

EQUIPMENT:

EQUIPMENT ON-SITE: _____

_____

_____

_____

_____

EQUIPMENT IN-USE: _____

_____

_____

_____

_____

ACTIVITIES: _____

_____

_____

_____

_____

QUALITY MANAGEMENT

QUALITY ASSURANCE / QUALITY CONTROL

The Project Manager will work closely with the Principal-in-Charge to establish the level of detail, project requirements, and client expectations. POTESTA maintains a comprehensive Quality Assurance/Quality Control (QA/QC) Program that encompasses engineering design, drafting, and technical documentation. Standardized QA/QC procedures include independent reviews, consistency checks, color-coded review systems for drawings and calculations, verification of quantity calculations and measurement methods, and cross-checks between plans, specifications, and supporting documents.

The program also includes training for new staff on company procedures and quality standards, ensuring that all project deliverables are prepared and reviewed in accordance with established QA/QC protocols.

We utilize peer reviews of deliverable documents, secretarial reviews, constructability reviews of drawings, and verification of quantity calculations and measurement methods to ensure compliance with established quality standards. As a standard quality assurance practice, the Project Manager and Principal-in-Charge review and comment on all major deliverables prior to submission to the client.

CONSTRUCTABILITY REVIEW

As part of our quality management process, an experienced engineer will conduct a constructability review of the design documents to assess construction feasibility and identify potential issues before bidding and construction. This review helps reduce change orders, construction delays, and cost overruns.

Key elements of the constructability review include:

- **Identification of potential underground utility conflicts and obstructions.**
- **Evaluation of the design to ensure it can be efficiently and safely constructed.**
- **Verification that plans, specifications, and contract documents are complete, coordinated, and consistent.**
- **Review of project-specific specifications to ensure they adequately address project requirements.**
- **Site review to confirm design assumptions and field conditions.**
- **Recommendations to minimize construction risks, change orders, and contractor claims.**

STAFFING CAPABILITIES

POTESTA
Engineers and Environmental Consultants

SKILLED. READY. CAPABLE.

POTESTA
Engineers and Environmental Consultants

STAFFING PLAN

DANA L. BURNS, PE, PS
Principal-in-Charge — 47 Yrs.

Directs day-to-day operations and management of technical and support staff.

R. MATTHEW MCLANE
Project Manager — 30 Yrs.

Project activities perform under his direction and maintains schedule and budget.

TERENCE C. MORAN, PE
Backup Project Manager — 38 Yrs.

CIVIL ENGINEERING

Mark Kiser, PE, LRS – 42 Yrs.
Kyle Stollings, PE – 45 Yrs.
Jarrett Smith, PE – 23 Yrs.
Daniel Boyles, PE – 6 Yrs.
Claire McDonald, EIT – 3 Yrs.
Alex Keenan, EIT – 7 Yrs.
Tim Rice, EIT – 43 Yrs.

WASTEWATER ENGINEERING

Mark Sankoff, PE – 42 Yrs.
Bob Bragg, PE – 28 Yrs.
Pat Taylor, PE – 37 Yrs.
Robert Ammirato, PE – 22 Yrs.
Bill Cox – 27 Yrs.
Ahmet Oruc – 3 Yrs.
Tim Ball, PE – 46 Yrs.
Joseph Dinkel – 15 Yrs.

SOILS / GEOTECHNICAL

Chris Grose, LRS – 34 Yrs.
David Sharp, PE – 30 Yrs.
Peter Potesta – 13 Yrs.

SURVEYING

Stephan Sayles – 3 Yrs.
Shymeik Leftwich – 2 Yrs.

PERMITTING / REGULATORY COMPLIANCE

Christina Parsons – 26 Yrs.
Jessica Yeager – 30 Yrs.
Timothy Ferguson – 18 Yrs.
Leah Creathers – 19 Yrs.
Dan Miller, PhD – 47 Yrs.
Justin Collins – 4 Yrs.

CONSTRUCTION MONITORING

Francis Hyre – 43 Yrs.
Robert Lamm – 24 Yrs.
Charles Shaffer – 23 Yrs.
Russ Harper – 17 Yrs.
Anthony Fragale – 47 Yrs.
Gabe Sankoff – 3 Yrs.

MAPPING / CADD

Chip Haden (GIS) – 15 Yrs.
Scott Bolyard – 34 Yrs.
Anthony Friend – 28 Yrs.
Michael Sankoff – 35 Yrs.
Brian Leedy – 24 Yrs.
Russ Lester – 35 Yrs.
Joe Martin – 31 Yrs.
Chuck Bird – 32 Yrs.
David Foster – 12 Yrs.
Austin Davis – 4 Yrs.

POTESTA
Engineers and Environmental Consultants

KEY PERSONNEL

PRINCIPAL-IN-CHARGE

Mr. Burns currently oversees the engineering division's daily operations, directing staff coordination, training, and business development while providing overall supervision of technical and support teams. For this project, he will provide executive oversight, technical guidance, and quality control review to help ensure the project is completed efficiently and in accordance with the Client's goals, budget, and schedule.

PROJECT MANAGER

For this project, **Mr. McLane** will serve as Project Manager, overseeing project coordination, client communication, technical execution, scheduling, and quality control to help ensure the project is delivered efficiently and in accordance with the Client's objectives, budget, and schedule.

R. MATTHEW (MATT) MCLANE, SENIOR ENGINEER

Mr. McLane has nearly 30 years of experience in engineering, utility operations, maintenance management, project planning, and infrastructure systems. His background includes water and wastewater collection, treatment, and distribution systems, capital improvement projects, maintenance and reliability programs, and utility operations. Having served in roles ranging from Engineering Technician and Project Manager to Maintenance Superintendent and Reliability Scheduler, Mr. McLane brings a practical, solutions-oriented approach to planning, operations, asset management, and project implementation.

Having previously worked with the Environmental Training Center Class S wastewater treatment system at Cedar Lakes, Mr. Lane is familiar with the facility's wastewater infrastructure and the challenges associated with operating a treatment system that experiences significant fluctuations in flow and loading conditions.

Appendix A contains resumes of key personnel.

DANA L. BURNS, PE, PS, PRESIDENT

With more than 47 years of experience, Mr. Burns brings deep expertise in civil, geotechnical, and environmental engineering. He has led the development of civil/site plans for municipal, commercial, residential, and industrial projects, designed critical utility and transportation infrastructure, and conducted geotechnical assessments and reclamation of unstable sites. He has been particularly involved in projects related to wastewater treatment and infrastructure improvement, including the design and implementation of sewer separation systems and advanced filtration technologies, wastewater system improvements, and sewer line extensions. Mr. Burns has extensive experience navigating the permitting processes and working with various funding agencies to secure support for infrastructure improvements.

TERENCE C. MORAN, PE, SENIOR ENGINEER

Mr. Moran brings over 38 years of civil engineering experience with a strong emphasis on water and wastewater infrastructure. He is highly skilled in all aspects of design, including conceptual planning, grading, utility layout, and drainage solutions. Mr. Moran has served as Project Manager and Project Engineer for more than 100 water and wastewater projects, including the design and upgrading of water and wastewater treatment plants. His deep technical expertise and leadership ensure successful project execution from concept through construction. He will serve as Backup Project Manager.

He is the Project Manager for the Wastewater Improvements Project at North Bend State Park for the WVDNR and ongoing workloads with multiple municipalities and utility providers, including Salt Rock Sewer Public Service District, Boone County Public Service District, Town of Ceredo, Town of Marmet, Sissonville Public Service District, and Town of Wayne.

BOB L. BRAGG, PE, SENIOR ENGINEER

Mr. Bragg has overseen numerous municipal projects from initial planning and funding through design, construction, and final closeout. His expertise includes evaluating alternatives for facility improvements and building systems to meet both current and future operational needs. He is experienced in preparing documentation for state and federal funding agencies, obtaining permits, securing project approvals, and coordinating project implementation.

In addition to his municipal infrastructure experience, Mr. Bragg has managed the design and construction of specialized building environments, including negative-pressure isolation rooms for county health departments, which require careful consideration of ventilation, air quality, and regulatory requirements. He currently serves as Project Manager for the construction of a permanent sludge dewatering and removal facility for the Weston Sanitary Board in Lewis County.

PROJECT GOALS & OBJECTIVES

POTESTA
Engineers and Environmental Consultants

LEAD. COORDINATE. DELIVER.

METHODS OF APPROACH

The following section addresses each of the three goals and objectives identified in the EOI. Our approach has been specifically developed to align with all project requirements while providing practical, cost-effective solutions that support the project's overall vision, schedule, and desired outcomes.

GOAL / OBJECTIVE 1: REVIEW & ANALYZE CONDITIONS & OPERATIONS

Our goal is to develop a wastewater treatment solution that provides long-term reliability, operational efficiency, and regulatory compliance while supporting the continued growth and mission of the WV Department of Agriculture, the Cedar Lakes Conference Center, and the WV Environmental Training Center. POTESTA will work closely with project stakeholders to identify and evaluate viable alternatives, ultimately recommending a solution that delivers the best overall value based on performance, constructability, maintenance requirements, and lifecycle costs.

Anticipated Concepts and Proposed Methods of Approach

POTESTA will utilize a comprehensive engineering evaluation process, including data collection, facility condition assessments, hydraulic and treatment capacity analyses, stakeholder coordination, and alternatives evaluation. Existing infrastructure, operational requirements, projected growth, regulatory considerations, lifecycle costs, constructability, and maintenance requirements will be assessed to compare viable treatment technologies. This systematic approach will allow the project team to identify and recommend the most effective, sustainable, and cost-efficient wastewater treatment solution for the Cedar Lakes Conference Center.

Recognizing the preference for RBC technology, POTESTA brings relevant experience in the design and permitting of packaged wastewater treatment facilities that utilize a variety of treatment processes. Our recent work at North Bend State Park included designing an EPC Bio-Disk system for conditions similar to those at Cedar Lakes, provides valuable insights into the evaluation, design, and implementation of this treatment approach.

GOAL / OBJECTIVE 2: NECESSARY SERVICES TO DESIGN THE FACILITIES

Our goal is to advance the selected wastewater treatment alternative from concept to implementation by developing a comprehensive and constructible solution that supports Cedar Lakes' long-term operational needs. Through careful planning, coordination, and engineering design, we will establish a clear path forward that provides budget certainty, implementation scheduling, and procurement-ready documentation to facilitate a successful project delivery.

Anticipated Concepts and Proposed Methods of Approach

Following completion of data collection, facility assessment, evaluation of treatment alternatives, and selection of the preferred treatment solution, POTESTA will initiate preliminary engineering and project development activities. These efforts will include the development of preliminary process designs and facility layouts; the identification of necessary site improvements, utility modifications, and supporting infrastructure; and the preparation of planning-level construction cost estimates and implementation schedules. Throughout this phase, POTESTA will coordinate closely with project stakeholders to confirm project objectives, refine the project scope, and establish the design criteria that will guide final design.

GOAL / OBJECTIVE 2: NECESSARY SERVICES TO DESIGN THE FACILITIES

Anticipated Concepts and Proposed Methods of Approach

After reviewing and approving the submitted documents, POTESTA will begin preparing hydraulic calculations and detailed design documents for the selected treatment system. Because the project may include new treatment structures, tanks, equipment pads, and associated site improvements, geotechnical investigations will be conducted to characterize subsurface conditions and provide recommendations that support safe, cost-effective, and reliable facility construction and long-term operation.

POTESTA will also complete a review of required regulatory approvals, including environmental consultations, and coordinate with the appropriate agencies to prepare permit applications and supporting documentation. Our experienced environmental team will provide necessary assessments and assist with mitigation planning should environmental constraints be identified. Throughout the design process, POTESTA will incorporate measures to avoid, minimize, and mitigate potential environmental impacts while maintaining compliance with applicable local, state, and federal requirements and supporting timely project delivery.

POTESTA will prepare final construction drawings, technical specifications, contract documents, and an Engineer's Opinion of Probable Construction Cost for the selected wastewater treatment improvements. These documents will be developed to provide a clear and complete basis for contractor bidding and construction, helping to minimize ambiguities, support competitive pricing, and facilitate successful project implementation.

GOAL / OBJECTIVE 3: REVIEW OF BID RESPONSES & CONSTRUCTION OVERSIGHT

Our goal is to support Cedar Lakes and the WV Department of Agriculture through procurement, construction, and project closeout by providing experienced construction observation and administration that promotes quality construction, regulatory compliance, budget accountability, and schedule adherence. Through proactive coordination, regular site observation, and responsive construction administration, POTESTA will help ensure the completed improvements perform as intended and provide long-term value to the facility. Should project costs exceed available funding, we will work with Cedar Lakes and the WV Department of Agriculture to develop a prioritized implementation strategy that preserves critical project objectives while allowing improvements to be phased as funding becomes available.

Anticipated Concepts and Proposed Methods of Approach

POTESTA anticipates attending the pre-bid meeting, providing a technical overview of the proposed improvements, and responding to contractor questions regarding the project. Following the meeting, POTESTA will prepare a summary memorandum for distribution to project stakeholders and provide clarification on bidder inquiries as needed. Additionally, we will prepare recommended revisions to the construction drawings and technical specifications for incorporation into addenda issued by the West Virginia Department of Agriculture.

During construction, POTESTA will provide construction administration and observation services tailored to the needs of the West Virginia Department of Agriculture and Cedar Lakes. Our team can provide a full-time Resident Project Representative (RPR) to observe construction activities, verify conformance with the contract documents, and maintain project records, including daily reports, photographs, and field documentation. Regular communication with the owner, contractor, and regulatory agencies will help promote quality construction, timely resolution of issues, and successful

GOAL / OBJECTIVE 3: REVIEW OF BID RESPONSES & CONSTRUCTION OVERSIGHT

Anticipated Concepts and Proposed Methods of Approach

project delivery. If requested by the WV Department of Agriculture and Cedar Lakes, POTESTA's in-house construction technicians can perform field and materials testing services, including soil compaction, aggregate, concrete, and asphalt testing, to help verify compliance with project specifications and construction quality requirements.

The level of construction administration services provided by POTESTA will be determined in coordination with the project stakeholders and based upon project needs and available funding. If requested, POTESTA can attend the pre-construction meeting; review contractor schedules and work plans; evaluate shop drawings, product data, and material samples; review proposed substitutions and "or equal" items and provide written recommendations for acceptance or rejection; maintain a tracking system for submittal reviews; attend construction progress meetings; issue written clarifications and interpretations of the contract documents; assist with preparation of change orders; and review contractor pay applications for compliance with project progress and contract requirements.

GOAL / OBJECTIVE 4: ADDITIONAL UPGRADES

Our goal is to develop a comprehensive infrastructure improvement program that enhances the reliability, resiliency, and functionality of the Cedar Lakes wastewater system and supporting facilities. In addition to treatment plant improvements, POTESTA will evaluate and design necessary collection systems, electrical, site, and facility upgrades to support long-term operations, improve system performance, reduce maintenance needs, and strengthen the facility's ability to serve current and future users. Where appropriate, these improvements will be integrated into a coordinated implementation strategy to maximize project value and minimize disruption to ongoing activities at Cedar Lakes.

Anticipated Concepts and Proposed Methods of Approach

POTESTA's team will evaluate the condition of the existing manholes, electrical systems, and ancillary facilities to develop practical, cost-effective recommendations that improve system reliability, resiliency, and long-term performance. The additional infrastructure improvements will be incorporated into the same planning, evaluation, design, permitting, cost estimating, and implementation framework established for the wastewater treatment facility, ensuring a coordinated approach that considers operational needs, constructability, regulatory requirements, and long-term value.

To support electrical improvements, including the addition of backup power generation, Harper Engineering will evaluate existing electrical infrastructure, determine generator sizing and operational requirements, and prepare designs that provide reliable emergency power to maintain critical wastewater treatment operations during power outages.

Should improvements to the WV Environmental Training Center Lab be included in the project, POTESTA will coordinate with qualified architectural professionals with whom we have established working relationships on numerous public-sector projects throughout West Virginia. This collaborative approach will ensure that proposed facility modifications are functional, code-compliant, and appropriately integrated with the Environmental Training Center's operational needs, while maintaining consistency with the overall project objectives.

SIMILAR PROJECTS

POTESTA
Engineers and Environmental Consultants

TECHNICAL. PROVEN. RESULTS.

REFERENCE

WASTEWATER SYSTEM IMPROVEMENTS

West Virginia Division of Natural Resources
Ritchie County, West Virginia

Potesta & Associates, Inc. (POTESTA) was retained by the West Virginia Division of Natural Resources (WVDNR) to provide professional engineering services for improvements to the wastewater collection and treatment system at North Bend State Park in Ritchie County, West Virginia. The wastewater treatment plant (WWTP) treats wastewater from four areas of the park: a 27-room lodge with associated offices, a restaurant, and two public restrooms; the pool area; the campground and cabins; and the shelter area.

RBC unit with tertiary treatment (filter) building in the background.

POTESTA completed evaluation, permitting, surveying, design, including drawings, technical specifications, and preliminary opinion of probable construction costs, and bidding and construction phase services, for the following wastewater system improvements:

- Campground/Cabins – New gravity line crossing of the river and manhole rehabilitation.
- Shelter Area – Replacement of grinder pump station and associated force main (including a HDD river crossing).
- WWTP – New 20,000 GPD WWTP constructed at the existing pool location with Rotating Biological Contractor (RBC) technology with tertiary treatment and chlorination/ dechlorination basin.
- Lodge Collection System – New gravity line and installation of a grease trap.
- Equalization (EQ) Tank – New concrete pretreatment tanks and a new concrete aerated EQ tank with a flow meter were installed at the location of the existing WWTP.
- Emergency Power – Installation of a transfer switch for an emergency generator for the WWTP.

The existing WWTP was demolished.

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REFERENCE

WASTEWATER SYSTEM IMPROVEMENTS

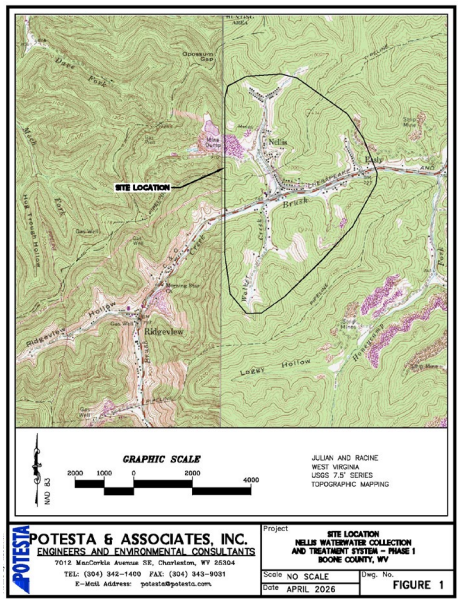
Boone County Public Service District
Boone County, West Virginia

Potesta & Associates, Inc. (POTESTA) was retained by the Boone County Public Service District to complete preliminary engineering for a proposed sanitary sewer collection and wastewater treatment plant (WWTP) in the community of Nellis in northern Boone County, West Virginia. Wastewater treatment had become a significant concern for area residents, as failing septic systems resulted in visible surface discharges of untreated sewage. Limited available land, existing development, a former railroad grade, and steep topography have restricted opportunities for effective improvements to on-site wastewater treatment systems.

Phase I of the project proposed construction includes:

- New WWTP to serve approximately 124 existing potential customers (commercial, institutional, and residential)
- New gravity collection system, including two pump stations
- New effluent discharge infrastructure

POTESTA conducted research on three WWTP process and technology options for alternatives: a WWTP that utilizes rotating biological contractors (RBCs) without tertiary treatment; a WWTP using the extended aeration process with tertiary treatment; and the Orenco Systems "package" WWTP, which incorporates packed bed filters into the treatment process.



Client Contact: Nancy Shreve	(304) 369-2622

WASTEWATER TREATMENT PLANT UPGRADE

Town of Wayne
Wayne, West Virginia

Potesta & Associates, Inc. (POTESTA) was retained by the Town of Wayne (Town) to provide engineering services for the construction of an upgraded wastewater treatment plant (WWTP) featuring increased capacity and an enhanced, more efficient treatment process. The existing WWTP, originally constructed over 60 years ago, had reached the end of its operational lifespan. Since its initial construction, the Town's population has grown significantly, resulting in the plant operating at its maximum design flow capacity. During periods of heavy rainfall, influent flows often exceed the plant's treatment capacity, reducing its effectiveness. The new facility has been strategically designed so that the treatment components are located at elevations above the 100-year floodplain, ensuring continuous operation during a 25-year flood event and maintaining year-round accessibility. Additionally, POTESTA completed preliminary engineering for nine sewer service extensions to be included in future Town projects, which will allow for 187 new plant customers. POTESTA prepared a preliminary engineering report to explore alternatives to determine the most feasible solution for upgrading the WWTP in compliance with its NPDES permit and WVDEP requirements. Once the proposed plan was selected, POTESTA conducted surveying and mapping, prepared contract documents and technical specifications, developed a Long-Term Control Plan, and performed permitting and environmental consultations. The project is ongoing.

The design of the WWTP upgrade includes:

- Plant site development
- Fencing
- Flow equalization basin
- 300,000 GPD Sequencing Batch Reactor treatment process
- UV disinfection
- New operations/controls/lab building
- Mechanical screen/grit removal headworks
- 0.5-meter sludge belt press
- Emergency power generator and auto transfer switch
- SCADA System for the plant and collection system pump stations

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WASTEWATER TREATMENT PLANT, PUMP STATIONS, AND COLLECTION LINES

Town of Marmet
Kanawha County, West Virginia

Potesta & Associates, Inc. (POTESTA) was retained by the Town of Marmet (Town) to provide ongoing engineering and construction phase services to the Town through a Master Service Agreement. POTESTA's efforts to assist the Town have included the review of the potential impacts of Kanawha Public Service District's Lens Creek Collection System Project and the Town of Chesapeake's plans to increase pumping rate to their wastewater treatment plant (WWTP), developing a concept to advance the reduction of infiltration/inflow (I/I) in the collection system, and other improvements in the Town's Wastewater System.

POTESTA's forthcoming professional services are anticipated to include:

- Studies
- Drawings
- Design
- Preparation of Construction Plans and Specifications
- Bid Documents
- Construction Administration/Management
- Construction Observation Services

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FACILITY PLAN – WASTEWATER TREATMENT PLANT AND WASTEWATER COLLECTION SYSTEM IMPROVEMENTS – PROJECT A

Sissonville Public Service District
Kanawha County, West Virginia

Potesta & Associates, Inc. (POTESTA) was retained by Sissonville Public Service District (SPSD) to develop a Facility Plan and Preliminary Engineering Report (PER) for the upgrade of the following in SPSD's wastewater system:

- Rehabilitation of secondary clarifier
- Upgrade disinfection system
- Rehabilitate the chlorine contact tank
- Replacement of WWTP generator and transfer switch
- Upgrade/reconfigure preliminary treatment facility
- Improvements to oxidation ditch
- Replacement of metal grating at WWTP
- Installation of the screen unit in the collection system
- Rehabilitation of two pump station wet wells

Existing Clarifier

Included in this project were:

- Preparing a submittal to the State Historic Preservation Office.
- Preparing a permit application to the Kanawha County Floodplain Manager for installation of the screen unit.
- Preparing a West Virginia Infrastructure and Jobs Development Council (WVIJDC) funding application, PER, and Facility Plan.

The project is to be funded by the West Virginia State Revolving Fund (SRF). WVIJDC approved the PER, while SRF approved the Facility Plan.

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HUNTINGTON SANITARY BOARD
WASTE WATER TREATMENT PLANTS AND ASSISTANCE WITH VARIOUS SERVICES

Huntington Sanitary Board
Huntington, West Virginia

POTESTA currently has a general agreement with the Huntington Sanitary Board (HSB) to perform services related to the Board's implementation of their Long-Term Control Plan, Wastewater Treatment Plant Modernization Plan, and Storm Water Management Utility Establishment/Operation. This agreement has been comprised of multiple work orders for improvement of Huntington's combined sewer system.

Currently, POTESTA has concluded or is in the process of the following work:

- Design and construction services for new regional septage receiving and a vacuum truck disposal, pump station, septage receiver ("the beast") and roadway.

- Management of preparation of wastewater treatment plant sludge incinerator failure analysis and preparation of cost study to replace incinerator including measures to meet new Clean Air Act standards for sludge incinerators.

- Environmental remediation of fly ash lagoon through West Virginia Voluntary Remediation Program and design of Bioretention Basin at WWTP for treatment of stormwater fitting "green" project criteria.

- Evaluation of the mixing zone for the wastewater treatment plant discharge into the Ohio River through computer analysis. Based on the analysis, it was determined that the effluent line required a diffuser to allow for adequate mixing at the discharge.

- Design and construction services of a new HDPE effluent line, diffuser, and air chamber located in the Ohio River to replace 50-year-old existing effluent line which failed due to excessive weight of fill placed on its corrugated metal pipe.

- Design of chlorine room relocation to centralized location within waste water treatment plant to provide a more direct chlorine feed route to contact tank and a more secure area to address chlorine leakage.

- Preparation of preliminary engineering of $75 million capital projects including waste water treatment plant work to support HSB rate increase. Analysis included cost estimate and schedule for the following:

    - New office/laboratory building.
    - Headwork replacement (including screening and grit removal system).
    - New anaerobic digestion system.
    - New scrubber/chlorine removal systems of chlorine room.
    - Primary and secondary scrubber, cover and drive replacement work.
    - Replacement of primary clarifier sludge removal system.
    - Replacement of aerator blow system including moving blowers from centralized building to each active sludge basin.

- Assistance to the HSB regarding the CSO long-term control plan's implementation schedule.

- Preparation of Asset Management Plan including system wide Conditions Assessment Protocol (CAP).

LOCATION OF MAIN INTERCEPTOR SEWER COLLECTION

Huntington Sanitary Board
Huntington, West Virginia

Potesta & Associates, Inc. (POTESTA) currently has a general agreement with the Huntington Sanitary Board (HSB) to perform services related to the Board's implementation of their Long Term Control Plan, Water Treatment Plant Modernization Plan, and Storm Water Management Utility Establishment/Operation. This agreement has been comprised of multiple work orders for improvement of Huntington's combined sewer system.

POTESTA worked with the Huntington Sanitary Board staff to identify the location of the City of Huntington's main combined sewer interceptor line to locate manholes for access to clean out the interceptor. This interceptor was installed in the late 1950s and collects flow from approximately 90 percent of the system. Most of the interceptor line is located in excess of 20 feet below the surface and many of the manholes have been buried under material deposit by the Ohio river over the years and have never been located by the HSB. Some tops of manholes were buried over 10 feet in depth.

POTESTA and the HSB initially performed field work to locate manholes visually; however, with the overgrowth of brush and the amount of river sediment deposited, it became apparent that the line and manholes could not be located by conventional methods. Because of access problems, the use of HSB's camera truck was not possible.

POTESTA and the HSB used the SB Leica DidgiCat System and construction "as-built" record drawings, with excavation equipment, to locate the interceptor and manholes.

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DANVILLE WASTEWATER TREATMENT PLANT UPGRADE PROJECT

Boone County Public Service District
Danville/Madison, West Virginia

Potesta & Associates, Inc. (POTESTA) was retained by Boone County Public Service District (BCPSD) to provide design, permitting, bidding, and construction phase services for the upgrade of the following at the Danville Wastewater Treatment Plant:

- Replace the mechanical bar screen.
- Replace grit pump at grit removal site.
- Repair grit removal unit drain line.
- Upgrade Orbal aeration unit.
- Add third clarifier.
- Replace UV unit.
- Replace the belt filter press with a rotary fan press.
- Replace the hydropneumatic tank for non-potable wash water.

Addition of Third Clarifier

Mechanical Bar Screen to be Replaced

Included in this project were:

- Preparing construction drawings that presented the upgrades.
- Preparing permit applications.
- Preparing a West Virginia Infrastructure and Jobs Development Council funding application, Preliminary Engineering Report, and Facility Plan.
- Preparing contract documents and assisting with the bidding of the project (under contract to provide).
- POTESTA is under contract for construction administration/ observation.

The project is to be funded by the West Virginia State Revolving Fund (SRF).

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CHARLES TOWN RACES & SLOTS WASTEWATER TREATMENT PLANT

PNGI Charles Town Gaming, LLC
Charles Town, Jefferson County, West Virginia

Potesta & Associates, Inc. (POTESTA) was retained by PNGI Charles Town Gaming, LLC to provide professional services for the design and permitting of a wastewater treatment plant (WWTP) in Jefferson County, West Virginia. The WWTP is to treat waste from the Charles Town Races & Slots race track and gaming resort. The facility is required due to the race track's planned expansion and the local Public Service District's lack of additional capacity.

The planned expansion included waste flow from horse washing stalls, race track grandstands, restaurants, gaming facilities and hotels. A gravity main provides influent to the WWTP where a lift station and screening is provided. The WWTP for this project is based on a sequencing batch reactors (SBR) process supplied by Aqua-Aerobics Systems, Inc. Tertiary filtration and chemical treatment (ferric chloride and polymer) is provided to meet Chesapeake Bay standards for nutrient removal. Post-treatment with ultraviolet disinfection and aeration was also incorporated into the WWTP. The facility is designed to meet an initial design daily flow of 250,000 gallons which can be increased to 325,000 gallons per day. Buildings were provided to house the headworks equipment, blowers, emergency generator, tertiary filter and ultraviolet unit and the motor control center, laboratory, office and garage.

POTESTA's responsibilities included:

1. Evaluation of existing WWTP to serve proposed development.
2. Preparation of permit applications including the Waste Load Allocation, West Virginia Department of Environment Protection NPDES permit for discharge into the Flowing Springs Run, West Virginia Department of Health to construct the WWTP, and CSX railroad crossing
3. Conducting a wetland delineation.
4. Site design of the WWTP.
5. Specifying and selecting treatment and other associated equipment.
6. Design, detailed construction drawings and technical specifications for the WWTP.
7. Assistance during construction.

Wastewater Treatment Plant

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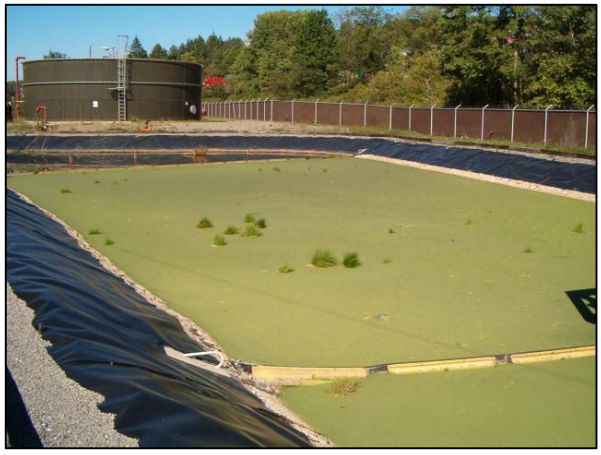
WASTEWATER TREATMENT PLANT

City of Thomas
Thomas, West Virginia

Potesta & Associates, Inc. (POTESTA) was retained by the City of Thomas to provide environmental consulting services related to its existing wastewater treatment facility. POTESTA's services included the following:

- Development of a biosolids management plan.
- Renewal application for individual NPDES sewage permit.
- Review of possible treatment modifications related to a combined influent consisting of municipal sanitary waste and industrial landfill leachate.
- Review of existing operation and maintenance procedures and suggestions for improvements.
- Regulatory liaison.



In completing the aforementioned services, POTESTA also performed composite sludge sampling in the facility's lagoon. The purpose of this sampling was to determine sludge quantity, as well as evaluate its chemical composition in order to properly consider various dewatering and disposal options. POTESTA has also been charged with collecting samples at the various stages of the treatment process. This information will prove to be useful in evaluating the best treatment options to meet the more stringent effluent limitations being imposed by regulatory agencies, particularly for metal concentrations.

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MINERAL WELLS REST AREA
WASTEWATER TREATMENT PLANT

West Virginia Division of Highways
Wood County, West Virginia

Potesta & Associates, Inc. (POTESTA) was retained by the West Virginia Division of Highways (WVDOH) to evaluate sewage disposal options for their rest area along Interstate 77 near Mineral Wells in Wood County, West Virginia. The rest area was being served by a 30-year old package wastewater treatment plant (WWTP); discharge was not consistently meeting National Pollutant Discharge Elimination System effluent limitations and the WWTP was difficult to maintain due to its age and lack of readily available spare parts.

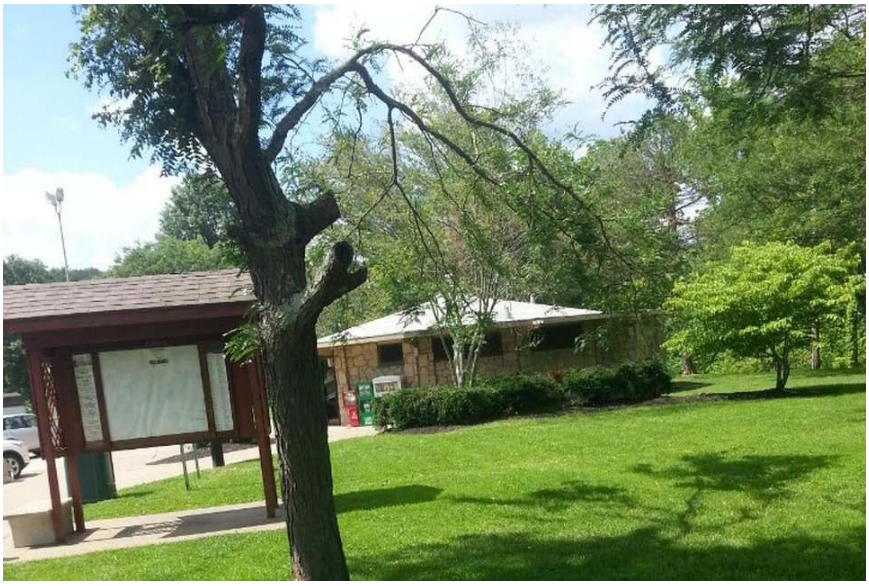
The objective of the evaluation was to provide the WVDOH with an estimate of necessary capital and operation/maintenance costs and advantages/disadvantages, and provide POTESTA's recommendations to assist the WVDOH in the selection of an appropriate wastewater disposal option.

The following options were evaluated:

Option 1: Replace the existing WWTP with a recirculating sand filter.

Option 2: Pump the sewage to the Mineral Wells Public Service District.

Based on our evaluation, POTESTA recommended to the WVDOH that they should pipe the sewage to the Minerals Wells Public Service District.



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EVALUATION OF SANITARY WASTEWATER SYSTEM FOR THE CITY OF OAK HILL

West Virginia American Water
Oak Hill, West Virginia

Potesta & Associates, Inc. (POTESTA) was retained by West Virginia American Water (WVAW) to evaluate the condition of the collection system and wastewater treatment plants (WWTPs) in the City of Oak Hill, evaluate current operation and maintenance (O&M) practices for the collection system and WWTPs, and provide recommendations on potential areas for rehabilitation and improvement in O&M practices for the Oak Hill Sanitary Collection and Treatment System.

Tasks completed as part of the preliminary evaluation included: file review at the West Virginia Department of Environmental Protection (WVDEP) Division of Water and Waste Management (DWWM); meeting with Oak Hill sanitary wastewater system personnel to review and discuss the existing sanitary wastewater system, including tours of the collection system and WWTPs; meetings with WVDEP-DWWM officials; preparation of a summary of five years of Discharge Monitoring Reports; preparation of a preliminary list of prioritized areas for sewer system evaluation study and/or rehabilitation; and preparation of a report summarizing the findings of the preliminary evaluation and providing recommendations.

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EVALUATION OF SANITARY WASTEWATER SYSTEM FOR THE CITY OF WHITE SULPHUR SPRINGS

West Virginia American Water
White Sulphur Springs, West Virginia

Potesta & Associates, Inc. (POTESTA) was retained by West Virginia American Water (WVAW) to evaluate the condition of the existing collection system and wastewater treatment plant (WWTP) in the City of White Sulphur Springs, evaluate current operation and maintenance (O&M) practices for the collection system and WWTP, and provide recommendations on potential areas for rehabilitation and improvement in O&M practices.

Tasks completed as part of the preliminary evaluation included: file review at the West Virginia Department of Environmental Protection (WVDEP) Division of Water and Waste Management (DWWM); meeting with White Sulphur Springs sanitary system officials to review and discuss the existing sanitary wastewater system, including tours of the collection system and WWTP; meetings with WVDEP-DWWM officials; preparation of a summary of five years of Discharge Monitoring Reports (DMRs); preparation of a preliminary list of prioritized areas for sewer system evaluation study and/or rehabilitation; and preparation of a report summarizing the findings of the preliminary evaluation and providing recommendations.

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SANITARY SEWER SYSTEM UPGRADES

Town of Ceredo
Wayne County, West Virginia

Potesta & Associates, Inc. (POTESTA) was retained by the Town of Ceredo to provide design, permitting and construction phase services for an upgrade to their sanitary sewer system. The design phase included identifying the need to upgrade piping sizes and pumping rates. The project construction included:

- Replacement of 8-inch gravity line with 12-inch gravity line.
- Replacement of 2-inch force main line with 4-inch force main line.
- Upgrade of a pump station via replacement of 35 GPM submersible pumps with a new 100 GPM vacuum primed pump station.

After construction, POTESTA completed an Asset Management Plan for the sanitary system.

Project was completed within budgeted amounts using funding from the Clean Water State Revolving Fund (CWSRF).

POTESTA

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Charleston, WV • Morgantown, WV • Winchester, VA
Phone: (304) 342-1400 • Fax: (304) 343-9031 • www.potesta.com

EVALUATION OF SANITARY SEWER SYSTEM FOR THE CITY OF GLENVILLE

City of Glenville
Gilmer County, West Virginia

Potesta & Associates, Inc. was retained by the City of Glenville to complete an evaluation of the City's sanitary sewer system. Included in the scope of services was:

- Performed an Inflow and Infiltration Study to evaluate problems with the sanitary collection system.
- Performed smoke testing on the sanitary collection system.
- Installed five flow meters and performed continuous flow monitoring for four months in the sanitary system.
- Identified defects in the pipeline, including offset joints, cracks and breaks, and direct connections.
- Developed a ranking system of improvements based on the flow data, and provided recommendations for rehabilitation.
- Developed a preliminary estimate of a construction cost for rehabilitation.

Smoke Test, Downtown Glenville

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FACILITY PLAN – PHASE II
PUMP STATION UPGRADE

Salt Rock Sewer Public Service District
Cabell County, West Virginia

Potesta & Associates, Inc. (POTESTA) was retained by the Salt Rock Sewer Public Service District (SRSPSD) to prepare a Preliminary Engineering Report (PER)/Facility Plan to support rehabilitating SRSPSD's Phase II Pump Station. The pump station had exhibited significant deterioration of wet well concrete, and the capacity required upgrading due to a proposed development. Also included was addressing installation of a grinder pump station to provide service to a resort. POTESTA services include:

- Completing environmental clearance for the project.
- Coordinating an archaeological survey.
- Sizing the upgrade of pump station capacity from approximate 2,650 gallons per minute (GPM) to 3,150 GPM.
- Developing a preliminary opinion of probable construction cost broken down by work units.
- Developing an estimate of total project cost.
- Preparing the PER/Facility Plan.

Deteriorated Concrete at Phase II Pump Station Wet Well

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DESIGN AND CONSTRUCTION OF SEWER REHABILITATION

Town of Handley
Handley, Kanawha County, West Virginia

Potesta & Associates, Inc. (POTESTA) was retained by the Town of Handley (Handley) to provide design and construction phase services for rehabilitation of their 1980s sewer system. Handley had constant problems with their pump stations over the years, as well as one station being intermittently flooded which caused electrical and pump failure. POTESTA's services included:

- Assisted in obtaining funds for field work and preliminary engineering report.
- Assisted the Town of Handley and the Regional Development Council in obtaining a Small Cities Block Grant (SCBG).
- Worked continuously to keep system operating by bidding smaller projects for servicing while waiting for funding.
- Designed total rehabilitation to the three pump stations (including permanent and mobile generators).
- Designed pipe and valve replacement.
- Assisted in obtaining an SCBG construction grant.
- Able to obtain other necessary equipment with excess money from grant funding.

Before: Upper Drive Lift Station

After: Upper Drive Lift Station

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APPENDIX A

POTESTA

DANA L. BURNS, P.E., P.S.
President

EDUCATION

M.S. Civil Engineering, 1979
West Virginia University

B.S. Civil Engineering, 1978
West Virginia University

EMPLOYMENT HISTORY

1997-Present	Potesta & Associates, Inc.
1994-1997	Terradon
1979-1994	GAI Consultants, Inc.
1978-1979	West Virginia University
1976-1977	West Virginia Department of Highways (summers)

PROFESSIONAL REGISTRATIONS

- Professional Engineer – West Virginia, Illinois
- Professional Surveyor – West Virginia

AREAS OF SPECIALIZATION

Oversees the design and permitting of complex civil, environmental, geotechnical, and mining engineering projects. Expertise includes siting, design, and permitting of industrial and municipal waste disposal facilities; reclamation of abandoned mine lands; and development of comprehensive stormwater management plans and groundwater sampling programs. Conducts environmental and reclamation liability assessments and prepares site plans for commercial and industrial facilities, incorporating advanced hydrologic and hydraulic analyses. Provides expert witness testimony.

PROFESSIONAL EXPERIENCE

Sewer Lines and WWTPs

West Virginia Division of Natural Resources – Principal-in-Charge for the design, permitting, bidding, and construction phase services for the wastewater collection and treatment system improvements at North Bend State Park in Ritchie County, West Virginia.

Huntington Sanitary Board – Principal-in-Charge for Master Agreement to provide engineering/environmental services related to the implementation of their Long-Term Control Plan, Wastewater Treatment Plant Modernization Plan, and Storm Water Management Utility Establishment/Operation.

West Virginia American Water Company – Principal-in-Charge for evaluation of wastewater collection systems and treatment plants for two West Virginia municipalities (Oak Hill and White Sulphur Springs). Included were site visits to observe the system, discussions with system operators and regulatory officials, records review, compilation of DMR data, and issuance of findings in reports.

Old Standard Development LLC – Principal-in-Charge for the design of a sanitary sewer collection line and wastewater treatment plant to serve the Sheridan Housing development in Jefferson County, West Virginia. The sewer collection line consists of approximately 7,300 linear feet of force main and approximately 4,370 linear feet of gravity sewer line. The WWTP was based on an activated sludge membrane bioreactor (MBR) process designed to treat a daily average flow of 50,000 gallons per day and is expandable to 250,000 gallons per day.

Civil/Site Design

Utility extension, site grading plans, stormwater management, roadway design, and permitting site development for residential subdivisions, institutional, and commercial developments.

South Charleston Development Authority – Project Manager for the engineering and site design for the development of Park Place, a 500,000-square-foot retail, entertainment, and food/beverage development on a 38-acre former fly ash disposal and former manufacturing plant in South Charleston, West Virginia.

The Villages at Coolfont – Principal-in-Charge to provide environmental and engineering consulting services for the redevelopment of the Coolfont Recreation property in Morgan County, West Virginia, to create a second-home community with high-end amenities.

Tucker County Industrial Park – Principal-in-Charge for the design, which included water and sewer lines, stormwater management design, roadway design, pavement design, site grading plan, and master plan. Completed an assessment of the facility's sanitary sewer wastewater treatment plant to facilitate the acquisition of the property.

The State of West Virginia

STATE OF WEST VIRGINIA
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STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

To all to whom these presents shall come, Greeting

Know Ye That **The State Board of Registration for Professional Engineers,** *of the State of West Virginia, reposing special confidence in the Intelligence, Integrity and Discretion of*

Dana L. Burns

DOES, IN PURSUANCE OF AUTHORITY VESTED IN IT *by law, hereby certify that he, having submitted satisfactory evidence of his ability and experience, is a*

REGISTERED PROFESSIONAL ENGINEER

Registration Number 9859

To Hold *and use such title in the practice of his profession, subject to the conditions prescribed by law.*

Given *under the hand and the Seal of the Board at the Capitol in the City of Charleston, this* 17th *day of* Sept. *in the year of our Lord One Thousand* Nine Hundred and Eighty-Five *and of the State the* One Hundred Twenty-Second

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

By

[signature] Secretary

Robert B. Scott President

Frank H. Toddy

[signature]

Kenneth H. Means

R. MATTHEW MCLANE

Senior Engineer

EDUCATION

B.S. Civil/Surveying Engineering Technology, 1996
West Virginia Institute of Technology

A.S. Civil/Surveying Engineering Technology, 1996
West Virginia Institute of Technology

EMPLOYMENT HISTORY

2024-Present	Potesta & Associates, Inc.
2022-2024	Constellium
2015-2022	Kureha PGA
2011-2015	Charleston Sanitary Board
2006-2011	West Virginia American Water
2000-2006	TERRADON Corporation
1996-2000	Dunn Engineers, Inc.
1995-1996	Nu-Tech Engineers, Inc.

AREAS OF SPECIALIZATION

Extensive experience in engineering, utility operations, maintenance management, and infrastructure planning. His expertise includes water and wastewater collection, treatment, and distribution systems, as well as capital improvement planning, asset management, maintenance programs, and utility system operations.

PROFESSIONAL EXPERIENCE

Water/Wastewater Engineering

Maintenance Superintendent – Managed both planned and emergency maintenance activities for three construction crews, two vactor crews, and two CCTV inspection crews responsible for the operation and maintenance of the Charleston Sanitary Board's collection system. Responsibilities included overseeing and participating in sewer cleaning, television inspection, repair, rehabilitation, and installation of sanitary sewer mains. Maintains a Class A Commercial Driver's License (CDL) with tanker endorsement.

Engineering Project Manager – Managed capital improvement and maintenance contracts, contractor forces, and in-house crews responsible for the construction, repair, and maintenance of water and wastewater utility infrastructure for West Virginia American Water. Responsibilities included administration of capital budgets for both water and sewer systems, as well as oversight of inspection, painting, rehabilitation, and maintenance programs for more than 160 water storage tanks.

Design and evaluation of package wastewater treatment systems, municipal wastewater treatment plant improvements, pump stations, and collection system infrastructure. Also prepared comprehensive Facility Plans for municipal utilities, evaluating treatment and collection systems from operational, managerial, financial, and infrastructure perspectives. These assessments were used to improve system efficiency, identify capital improvement needs, support long-range planning efforts, and secure funding for future projects. His work has also included preparation of permit applications and coordination with regulatory agencies to obtain approvals for water and wastewater infrastructure improvements.

Design water distribution networks, pump stations, and storage facilities, as well as evaluating water utility systems from operational, managerial, financial, and infrastructure perspectives. Assessments have supported preliminary engineering, cost estimating, capital improvement planning, and utility acquisition evaluations.

Hydraulic modeling, equipment selection, preparation of engineering reports, and development of design documents for utility infrastructure projects.

Preparation of permit applications for the construction and improvement of water and wastewater facilities, including NPDES permits, sediment and erosion control permits, industrial discharge permits, and permit modifications.

Conducts feasibility studies and alternatives analyses to support utility planning, regulatory compliance, and capital improvement initiatives.

TERENCE C. MORAN, P.E.
Senior Engineer

EDUCATION

M.S. Civil Engineering, 1989
West Virginia University

B.S. Civil Engineering, 1987
West Virginia University

EMPLOYMENT HISTORY

1999-Present	Potesta & Associates, Inc.
1989-1999	GAI Consultants
1987-1989	West Virginia University
1985-1987	West Virginia Division of Highways (summers)

PROFESSIONAL REGISTRATION

Professional Engineer – West Virginia, Virginia

AREAS OF SPECIALIZATION

Water and wastewater engineering and permitting; preparation of studies, design calculations, drawings, technical specifications, and cost estimates; bidding phase services; and construction phase services, including construction administration.

PROFESSIONAL EXPERIENCE

Sewer Lines and WWTPs

Boone County Public Service District – Preliminary engineering, funding application, and final design for WWTP upgrade. Funding is proposed through the Clean Water State Revolving Fund (SRF).

- Mechanical bar screen replacement
- Grit removal system replacement
- Mechanical aerator replacement
- Addition of a third clarifier
- RAS pump addition
- UV unit replacement
- Belt filter press replacement
- Wash water system upgrade
- Other upgrades

Town of Ceredo – Perform design, bidding, and construction phase services for the upgrade of the existing sanitary sewer collection system, including upgrades to gravity and force main lines, and a lift station. Funding was through the Clean Water State Revolving Fund (SRF).

Town of Ceredo – Evaluation of the remaining capacity of the grinder pump system.

Salt Rock Sewer Public Service District Master Service Agreement:

- Specification for WWTP wash line
- Preparation of NPDES modification for sludge disposal from a publicly owned treatment works
- Preparation of odor control study mandated by the West Virginia Public Service Commission (WVPSC)
- Preparation of cost estimates for requests for service
- Evaluation of lift station overflows

Town of Moorefield – Study on costs of $30,000,000 sanitary sewer system (plant and collection system).

West Virginia American Water – Assessment of the City of Oak Hill and City of White Sulphur Springs publicly owned treatment works (POTW) to recommend improvements in operation and maintenance.

Town of Bradshaw – Design of collection system for two new schools, and design, permitting, bidding, and certain construction phase services for equalization basin/lift station, and upgrades to vacuum station and buffer tanks.

Tucker County Development Authority – Design, permitting, bidding, and construction phase services for the gravity collection system, force main, and lift station for an industrial park.

Boone County Public Service District – Preliminary engineering report for collection system and sequencing bench reactor (SBR) wastewater treatment plant for the Town of Nellus.

Design of numerous sanitary sewer extensions associated with private developers, including the design of gravity and force main lines and lift stations, including approvals by local public utilities such as Jefferson Utilities, and approvals by the West Virginia Department of Environmental Protection.

Pocahontas County Public Service District/Wastewater Management – Study on replacement of Hawthorn Loop Sanitary Sewer System.

The State of West Virginia

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

To all to whom these presents shall come, Greeting

Know Ye That **The State Board of Registration for Professional Engineers**, of the State of West Virginia, reposing special confidence in the Intelligence, Integrity and Discretion of

Terence C. Moran

Does, In Pursuance of Authority Vested In It by law, hereby certify that he, having submitted satisfactory evidence of his ability and experience, is a

REGISTERED PROFESSIONAL ENGINEER

Registration Number 12985

To Hold and use such title in the practice of his profession, subject to the conditions prescribed by law.

Given under the hand and the Seal of the Board at the Capitol in the City of Charleston, this 13th day of Feb. in the year of our Lord One Thousand Nine Hundred and Ninety-Six and of the State the One Hundred Thirty-Second

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

H. Ben Faulkner
Secretary

Patrick R. Esquibel
President

Kenneth H. Means Robert L. Scott Frank D. Eddy

BOB L. BRAGG, P.E.
Senior Engineer

EDUCATION

B.S. Civil Engineering, 1992
West Virginia Institute of Technology

B.S. Electrical Engineering Technology, 1983
West Virginia Institute of Technology

A.S. Electrical Engineering Technology, 1980
West Virginia Institute of Technology

EMPLOYMENT HISTORY

2021-Present	Potesta & Associates, Inc.
2018-2021	Chapman Technical Group, Inc.
2016-2018	L.A. Gates Company Engineers and Consultants
2009-2016	Thrasher Engineering, Inc.
1998-2009	Columbia Gas Transmission Corporation
1993-1998	Dunn Engineers, Inc.
1992-1993	Kelley, Gidley, Blair & Wolfe Consulting Engineers, Inc.
1984-1989	Newport News Shipbuilding

PROFESSIONAL REGISTRATIONS

Professional Engineer – West Virginia, Virginia, Kentucky

AREAS OF SPECIALIZATION

Extensive experience in engineering design, project management, facilities planning, cost estimation, and operations efficiency evaluations for municipal water, wastewater, site development, and other types of engineering projects financed with both public and private funding.

PROFESSIONAL EXPERIENCE

Sewer Lines and WWTPs

Design engineering and project management for wastewater engineering projects:

- Design of wastewater systems, including gravity sewer and low-pressure collection systems, pump stations, force main transmission systems, decentralized and alternative on-site disposal systems, SCADA systems, and I/I reduction.
- Evaluate alternatives for facility design (construction, replacement, and expansion) to meet existing and future requirements for residential, commercial, and industrial customers.
- Manage all phases of awarded construction projects, including bidding, schedule and budget preparation, cost control, coordination of contractors, vendors, and consultants, and reports to clients and funding agencies.
- Conducted on-site inventories and evaluations of existing facilities and prepared feasibility analyses of new facility alternatives.
- Prepare facility plans and supporting data for submission to state and federal government agencies to secure appropriate permits and approvals to proceed with project implementation.
- Manage labor (contract and in-house) and financial resources for projects to be completed on schedule, within budget, and according to client specifications.
- Analyze municipal sewage vs. stormwater runoff using computerized modeling techniques to evaluate Combined Sewer Overflows for various cities and municipalities.

Specific projects in West Virginia include:

- Southern Jackson County PSD – Wastewater System Improvement Project (Fairplain)
- Town of Elizabeth - Wastewater Plant Upgrade
- City of Weston – Sewer Interceptor Replacement
- Town of Sophia – Coal City Sewer Service Extension and Wastewater Plant Upgrade
- City of Elkins – City-Wide Infiltration and Inflow Study
- Town of Wayne – Wastewater Treatment Plant Upgrade
- City of Weston - Wastewater Treatment Plant Permanent Sludge Dewatering Facility
- Lewis County Commission – Corridor H Sewer Service Extension Feasibility Study

The State of West Virginia

STATE OF WEST VIRGINIA · MONTANI SEMPER LIBERI

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

To all to whom these presents shall come, Greeting

Know Ye That **The State Board of Registration for Professional Engineers,** of the State of West Virginia, reposing special confidence in the Intelligence, Integrity and Discretion of

Bob L. Bragg, Jr.

DOES, IN PURSUANCE OF AUTHORITY VESTED IN IT by law, hereby certify that he, having submitted satisfactory evidence of his ability and experience, is a

REGISTERED PROFESSIONAL ENGINEER

Registration Number 13094

To Hold and use such title in the practice of his profession, subject to the conditions prescribed by law.

Given under the hand and the Seal of the Board at the Capitol in the City of Charleston, this 17th day of July in the year of our Lord One Thousand Nine Hundred and Ninety-six and of the State the One Hundred Thirty-Third

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

Secretary

President

Kenneth H. Means