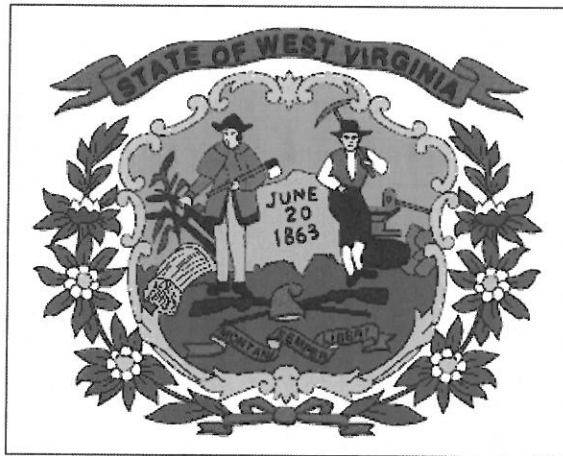




STATEMENT OF QUALIFICATIONS

State of West Virginia Purchasing Division Solicitation No. 0310 DNR1500000017

Kimsey Run and Warden Lake Boat Launch Improvements



Providing Innovative, Timely, Cost-effective Engineering Solutions



10/28/14 09:05:57AM
West Virginia Purchasing Division

Offices in:

CHARLESTON

7012 MacCorkle Avenue, SE
Charleston, WV 25304
(304) 342-1400

MORGANTOWN

125 Lakeview Drive
Morgantown, WV 26508
(304) 225-2245

WINCHESTER

15 South Braddock Street
Winchester, VA 22601
(540) 450-0180

CAMBRIDGE

841 Steubenville Avenue
Cambridge, OH 43725
(740) 432-6555

Expression of Interest

Introduction

Potesta & Associates, Inc. (POTESTA) appreciates the opportunity to submit engineering services to the West Virginia Purchasing Division this Expression of Interest (EOI) for the design and construction of improved boat ramps in Hardy County. We recognize the importance of timely communication in projects like these and we have been successful because we take communication with our clients seriously.



Understanding of Project

It is POTESTA's understanding that the slopes of both boat ramps at Kimsey Run and Warden Lake make it difficult to launch boats. Both ramps need to be improved to facilitate launching recreational boats with ease. We will assure the improved boat ramps are ADA compliant and courtesy docks will be of appropriate size. The parking lot to the south of the Warden Lake boat ramp (see photo) will be paved and an area adjacent to the Kimsey Run boat ramp will also be paved for convenient parking of trailers and trucks.

POTESTA will provide permitting services for all required permits in the design and construction of these two boat ramps. The designs will be consistent with the Division of Natural Resources needs, objectives and current codes. We will provide options for materials that will not require dewatering, are easy to install, and are less expensive than other options.

POTESTA will give this project priority status and will communicate effectively to meet deadlines throughout the length of the project. Personnel from our Morgantown office will be used primarily for this project, which will allow rapid response if needed and minimal travel time to the project sites.

Experience

POTESTA was founded in 1997 as a full service engineering and environmental consulting firm headquartered in Charleston, West Virginia. We have now expanded to a diverse staff of more than 100 experienced engineers, scientists, and support personnel with branch offices in Morgantown, West Virginia; Winchester, Virginia; and Cambridge, Ohio. Among our staff are 17 Licensed Engineers, 5 Licensed Remediation Specialists as recognized by the West Virginia Department of Environmental Protection, and 3 Geotechnical Engineers. Approximately 80 percent of our business is from returning clients with a high level of satisfaction.

POTESTA engineers and environmental scientists have successfully participated in numerous river projects including design and construction management for a **new boat ramp in the Town of Granville, on the Monongahela River**. POTESTA was selected by the West Virginia Department of Natural Resources to prepare design documents and a bid package to pave a parking and **boat launch area at Cheat Lake in Monongalia County**. We also provided subsurface exploration, coordination of laboratory testing, and preparation of a geotechnical report in support of the **Waterfront Marina on the Monongahela River in Morgantown**.

Expression of Interest (cont.)



POTESTA's team not only includes experienced design professionals, but it also includes staff that has served as members of the Ohio River Valley Water Sanitation Commission (ORSANCO) where the protection of water resources remains a priority. We have in-house capabilities to provide environmental consultations as necessary, surveying, drafting and construction administration and observation.

During construction, POTESTA will provide staff who have had experience working on similar projects. Our successful design of the **Granville Boat Ramp** is using a new material that saves time and money. The Scope of Services on this project included design of ramp and two dry hydrants, bidding packages, and construction contract administration services. Project Manager: Dave Sharp, P.E. (Morgantown). We have designed many parking areas for clients, including Cabela's in Huntington, St. Johns University Parish in Morgantown, the WVU Evansdale Parking Lot, not to mention parking structures. A grading and drainage plan will accompany the lot design at each of the locations.

Our geotechnical experts have completed many projects in this region. Environmental scientists at POTESTA have helped our clients receive permits from the regulatory agencies (WVDNR, WVDEP, WVDOT, ACE) without unnecessary delays.

POTESTA has successfully completed water quality assessments on the Tygart River; a stream survey and modeling on the South Fork of the South Branch of the Potomac River; engineering projects on the Kanawha River; Environmental Site Assessments (ESA) for areas along the New River and Little Kanawha River; engineering work along the Poca River in Putnam County; and a watershed survey along the West Fork River in Lewis, Harrison and Marion counties, to name a few.

Staff certifications related to this project include registered professional engineers, four licensed professional land surveyors overseeing the survey crews, modern surveying instruments, aquatic biologists, permit specialists and certified attractive secretaries. We use Autodesk 2014 Civil 3D design software for efficient preparation of drawings.

Approach and Methodology

A preliminary survey will be conducted to determine the elevations of the parking areas, the existing boat ramps and the submerged area where the improved boat ramp enters the water. This information will be mapped to produce a grading and drainage plan at each location. POTESTA will meet with the designated contacts to receive input for preliminary design details. The design will take safety into consideration by paying special attention to the surrounding area around the boat ramp. Soil conditions will be taken into account for final design, and materials will be chosen to ensure this improved boat ramp will be a long-term aesthetic asset to the Wardensville and Lost City areas.

Expression of Interest (cont.)

We routinely provide resident project representatives (RPRs) during construction to serve as the “eyes and ears” on behalf of the Owner to document the progress of the Contractor, observe and document the construction activities and prepare “As-Built” drawings. Copies of the Daily Field Reports, as well as both hard copy and digital copies of the “As-Built” drawings will be provided to the Owner once construction is completed. POTE STA will also assist the West Virginia Purchasing Division with the bidding of the project, review of the bids, review of pay applications and requests by the Contactor such as change order requests and requests to substitute equivalent products.

Limestone rocks are often used to provide a base for the boat ramp materials. This creates an opportunity for selecting a type (size) of limestone that could provide underwater structure that could draw fish into the immediate area of the ramp and courtesy docks. With ADA compliant designs, more people will be able to have successful fishing experiences around the launch area if that is a desired outcome.

The following steps outline our approach to a coordinated and efficient design:

Site Survey and Topographic Mapping – POTE STA’s survey crew will conduct a topographic and site survey to provide mapping of the existing conditions, including elevations and features of the riverbank, river bottom, and surrounding areas. Accurate mapping will allow for a detailed design of the proposed boat ramp, with optimized slope and preparation of cut/fill quantities. Quality mapping of the existing features will also aid in the development of a site drainage plan and estimation of construction materials (aggregate for subbase preparation, riprap revetment, geotextile fabrics, pavement, etc.).

Coordination and Consulting – Through communication with our client and with local/state regulatory agencies (e.g., Army Corps of Engineers, WVDEP, WV SHPO, county/city floodplain coordinators, WVDOH – dependent on the site). POTE STA will gather input and information to facilitate a design that both meets our client’s needs and is in compliance with local and state regulation.

Civil Site Design and Permitting – POTE STA will work to develop a design that addresses the need for cost-effective construction, using technology that allows for installation with minimized dewatering and site preparation. After POTE STA has prepared a preliminary site design that includes boat ramp/roadway layout and profiles, grading plan, and a drainage plan, the design will be forwarded to our client for review and comment. After major comments from the client have been implemented and “permit-level” detail drawings have been prepared, POTE STA will submit the required permit applications. Once any remaining comments from our client and regulatory agencies have been addressed, POTE STA will prepare a finalized drawing set to be used for bidding/ construction.

Expression of Interest (cont.)

Construction Documents and Observation/Administration – The following will be prepared to aid in the bidding and construction of the project:

- ◆ Construction Detail Drawings – Described above, this includes site layout and grading plan, roadway profile, and miscellaneous construction details.
- ◆ Engineer's Cost Estimate – Probable estimate of construction costs, including line items and estimated unit prices, and miscellaneous costs to estimate the total cost of project completion.
- ◆ Technical Specifications – For project work/materials such as asphalt pavement, boat ramp materials, earthwork, drainage, and expectations of the contractor(s).
- ◆ Bid Documents – Preparation of bid tables, contract documents, and review of contractors' bids.

Also, POTESTA offers various services during the construction phase including shop drawing review, schedule coordination between client and contractor(s), review of pay applications, and on-site inspection and materials testing (compaction, concrete, etc.).

Closing

POTESTA is proud to be involved with local community projects. Our employees are active in these communities and take pride in developing safe access to, and protection of the natural resources in our area. We want to develop a long-term relationship with the Division of Natural Resources and will do our best to make sure this project considers the new products designed for improving boat ramps, without unnecessary delays. We know that communication is the key to successful projects like this one. Our key personnel will remain in close contact with decision makers throughout the entire project; before, during and after the construction.



POTESTA's experienced engineers have improved many river and lake projects. We will evaluate, assist and help implement efficient and convenient parking areas adjacent to the launch areas. We have a long-term working relationship with the West Virginia Division of Highways and our liaison with them allows projects to be completed sooner rather than later. The attached resumes and project abstracts provide more specific information pertaining to POTESTA's qualifications.

References

Ronald Snyder: Municipal Administrator, Town of Granville, 304-599-5080
Frank Jernejcic: WVDNR, 304-825-6787
Dennis King: WVDOH District 1, 304-558-3001



*RFQ
SIGNATURE
PAGES*



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

State of West Virginia
 Centralized Expression of Interest
 02 – Architect/Engr

Proc Folder: 34235

Doc Description: Design and construction of improvements to boat ramps,docks

Proc Type: Central Contract - Fixed Amt

Date Issued	Solicitation Closes	Solicitation No	Version
2014-09-18	2014-10-28 13:30:00	CEOI 0310 DNR150000017	1

BID RECEIVING LOCATION

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

VENDOR

Vendor Name, Address and Telephone Number:
Potesta & Associates, Inc.
7012 MacCorkle Avenue, SE
Charleston, WV 25304
(304) 342-1400

FOR INFORMATION CONTACT THE BUYER

Dean Wingerd
 (304) 558-0468
 dean.c.wingerd@wv.gov

Signature X

FEIN # 311509066

DATE October 28, 2014

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



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

State of West Virginia
 Centralized Expression of Interest
 02 – Architect/Engr

Proc Folder: 34235

Doc Description: ADDENDUM # 1 design and construction of boat docks

Proc Type: Central Contract - Fixed Amt

Date Issued	Solicitation Closes	Solicitation No	Version
2014-09-19	2014-10-28 13:30:00	CEOI 0310 DNR1500000017	2

BID RECEIVING LOCATION

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

VENDOR

Vendor Name, Address and Telephone Number:
Potesta & Associates, Inc.
7012 MacCorkle Avenue, SE
Charleston, WV 25304
(304) 342-1400

FOR INFORMATION CONTACT THE BUYER

Dean Wingerd
 (304) 558-0468
 dean.c.wingerd@wv.gov

Signature X *Dana L. Burns*

FEIN # 311509066

DATE October 28, 2014

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



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

State of West Virginia
 Centralized Expression of Interest
 02 – Architect/Engr

Proc Folder: 34235

Doc Description: ADDENDUM # 2 design and construction of boat docks

Proc Type: Central Contract - Fixed Amt

Date Issued	Solicitation Closes	Solicitation No	Version
2014-10-17	2014-10-28 13:30:00	CEOI 0310 DNR1500000017	3

BID RECEIVING LOCATION

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

VENDOR

Vendor Name, Address and Telephone Number:

Potesta & Associates, Inc.
 7012 MacCorkle Avenue, SE
 Charleston, WV 25304
 (304) 342-1400

FOR INFORMATION CONTACT THE BUYER

Dean Wingerd
 (304) 558-0468
 dean.c.wingerd@wv.gov

Signature X *Dana A. Burns*

FEIN # 311509066

DATE October 28, 2014

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

RFQ No. DNR150000017

STATE OF WEST VIRGINIA
Purchasing Division

PURCHASING AFFIDAVIT

MANDATE: Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: Potesta & Associates, Inc.

Authorized Signature: Dana L. Burns Date: October 28, 2014

State of West Virginia

County of Kanawha, to-wit:

Taken, subscribed, and sworn to before me this 28 day of October, 2014.

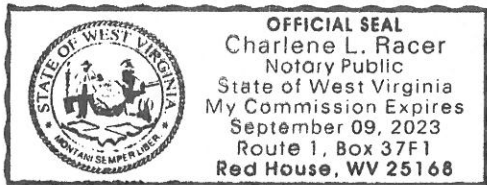
My Commission expires September 9, 2023.

AFFIX SEAL HERE

NOTARY PUBLIC

Charlene L. Racer

Purchasing Affidavit (Revised 07/01/2012)



CERTIFICATION AND SIGNATURE PAGE

By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; understand the requirements, terms and conditions, and other information contained herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

Potesta & Associates, Inc.

(Company)

Dana L. Burns

Dana L. Burns, PE, Vice President

(Authorized Signature) (Representative Name, Title)

(304) 342-1400 / (304) 343-9031 / 10-28-2014

(Phone Number) (Fax Number) (Date)

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: DNR1500000017

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)

- | | |
|--|--|
| <input checked="" type="checkbox"/> Addendum No. 1 | <input type="checkbox"/> Addendum No. 6 |
| <input checked="" type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input type="checkbox"/> Addendum No. 5 | <input type="checkbox"/> 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 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

October 28, 2014

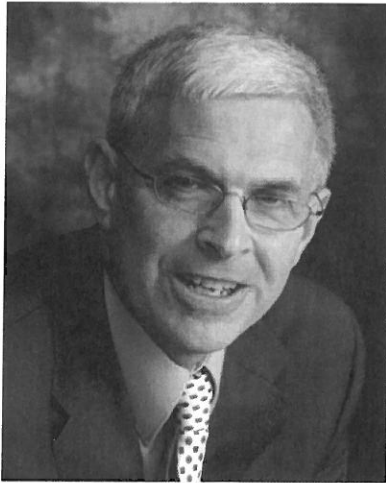
Date

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

Revised 6/8/2012



RESUMES



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 REGISTRATION

Professional Engineer – West Virginia, Illinois

PROFESSIONAL CERTIFICATION

40-Hour Health and Safety Training

PROFESSIONAL AFFILIATIONS

American Society of Civil Engineers
National Society of Professional Engineers
WV Association of Consulting Engineers

AREAS OF SPECIALIZATION

Management of design and permitting of civil, environmental, geotechnical, and mining engineering projects. Siting, design, and permitting of industrial and municipal waste disposal sites; reclamation of abandoned mine lands; and development of stormwater management plans and groundwater sampling programs. Environmental/reclamation liability assessments. Development of site plans for commercial and industrial facilities including hydrologic and hydraulic analyses. Expert witness testimony.

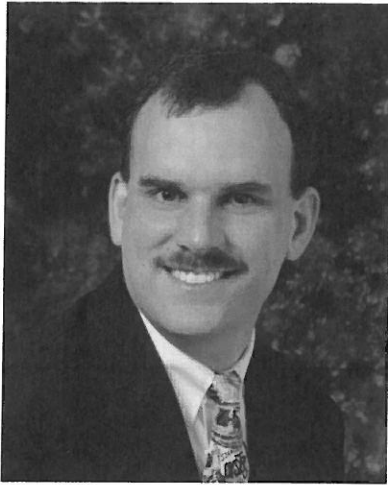
PROFESSIONAL EXPERIENCE

Vice President of Engineering

Directs engineering division including day-to-day operation of headquarters and three branch offices concerning staffing, coordination, training, business development; safety education and overall management of technical and support staff concerning water and waste water, municipal, solid waste management, hazardous waste management; geotechnical, general civil and environmental engineering; mining and reclamation, etc.

Former Consulting Experience

Vice President of Engineering (Terradon Corporation) and Branch Manager (GAI Consultants) within the consulting engineering industry with the responsibility of overall management of office including technical and support staff. Mr. Burns directed design, staffing, coordination, training, business development; safety education and overall management regarding the office's expertise within water and waste water, municipal, solid waste management, hazardous waste management; geotechnical, general civil and environmental engineering; and mining and reclamation disciplines.



EDUCATION

- M.S. Civil Engineering, 1995
West Virginia University
- B.S. Civil Engineering, 1993
West Virginia University

EMPLOYMENT HISTORY

- 2003-Present Potesta & Associates, Inc.
2000-2003 CTL Engineering, Inc.
1997-2000 Potesta & Associates, Inc.
1994-1997 Terradon Corporation

PROFESSIONAL REGISTRATION

Professional Engineer – West Virginia, Pennsylvania, Maryland, Ohio, and Kentucky

AREAS OF SPECIALIZATION

Involved in many aspects of civil engineering with a special interest in the geotechnical/environmental aspects. Responsibilities have included projects involving civil site design, geotechnical design, solid waste management facility design including geosynthetic applications, hydrologic and hydraulic design, transportation/highway projects, including geotechnical and right-of-way plans, and municipal water and wastewater projects.

PROFESSIONAL EXPERIENCE

Civil/Site Design

Project Manager/Engineer on numerous projects involving most aspects of site development. Involvement has included civil/site design, geotechnical aspects, hydrology/hydraulics, permitting, erosion/sediment control/permitting, etc.

- West Run Student Housing – 1,000 bed student housing project in Morgantown, West Virginia
- Copper Beach – 1,000 bed student housing project in Morgantown, West Virginia
- Summit at Cheat Lake Residential Development in Morgantown, West Virginia
- WVU Beechhurst Parking Lot in Morgantown, West Virginia
- Morgantown Technical Services Industrial Expansion in Mt. Morris, Pennsylvania
- Jos' Globe Floodplain Development in Morgantown, West Virginia
- Churchill Village Complex in Morgantown, West Virginia

Geotechnical

Engineer responsible for performing subsurface investigations, preparation of geotechnical reports, coordinating laboratory analysis programs, providing recommendations for lateral earth pressures, bearing capacities, modulus of subgrade reactions, settlements, and construction specifications for multi-story structures. Foundations considered have included steel H-piles, auger-cast piles, drilled piers, spread footings, and mat foundations.

- WVU Potomac State Building Addition in Keyser, West Virginia
- WVU Engineering Sciences, East Wing Addition in Morgantown, West Virginia
- Suncrest Executive Office Plaza and Parking Garage in Morgantown, West Virginia
- Morgantown Waterfront Marina in Morgantown, West Virginia
- West Run Student Housing in Morgantown, West Virginia
- Sunoco Service Station in Robinson Township, Pennsylvania

CHRISTOPHER A. GROSE

Senior Engineering Associate, Licensed Remediation Specialist



EDUCATION

- M.S. Geological Engineering, 1990
University of Missouri-Rolla
- B.S. Civil Engineering, 1988
West Virginia Institute of Technology

EMPLOYMENT HISTORY

- 1997-Present Potesta & Associates, Inc.
1994-1997 Terradon Corporation
1990-1994 GAI Consultants, Inc.
1989-1990 University of Missouri-Rolla
1989 Triad Engineering Consultants
(summer)
1988 West Virginia Institute of Technology
1983-1988 Clint Bryan & Associates Architects
(summers)

PROFESSIONAL REGISTRATIONS

Licensed Remediation Specialist – West Virginia

PROFESSIONAL CERTIFICATIONS

Hazardous Waste Site Operations and Superfund Worker
Protection Training
American Red Cross Standard First Aid and CPR
Troloxer Moisture-Density Gauge

PROFESSIONAL AFFILIATIONS

American Society of Civil Engineers
Association of Engineering Geologists
Society of America Military Engineers

AREAS OF SPECIALIZATION

Surface and subsurface hydrology and hydrogeology including ground subsidence, contaminant transport and groundwater flow modeling, hazardous waste remediation, including CERCLA/SARA, RI, and FS report compilation, geological and geotechnical aspects of siting and design of municipal and industrial waste landfills, foundation recommendations, and cut slope designs in soil and rock.

PROFESSIONAL EXPERIENCE

Responsible for the design, management, and inspection of a geotechnical investigation of a proposed five mile rail extension located in Nicholas County, West Virginia. Investigation included study and design of planned rock cuts, and track foundation materials.

General Services Administration – Site evaluation, including continuous HNU scanning of collected soil samples and installation of piezometers for two proposed sites near Charleston, West Virginia.

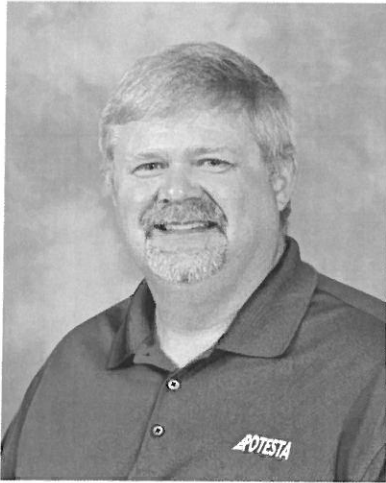
West Virginia Department of Environmental Protection – Foundation design for a proposed 1000,000 gallon potable water storage tank and valve pit near Cassidy, West Virginia.

Rhone Poulenc Ag Company – Subsurface sample collection, resistivity measurements, explosivity measurements, and decontamination procedures for an organic contamination study at Institute, West Virginia.

Preparation of foundation investigations for several large structures including a parking garage and student housing complex at Marshall University in Huntington, West Virginia. Tasks included development of subsurface exploration program, soils/rock sampling, testing program, and preparation of a final geotechnical report.

VICTOR M. DAWSON

Professional Surveyor



EDUCATION

A.S. Land Surveying, 1983
Glennville State College

EMPLOYMENT HISTORY

1998-Present	Potesta & Associates, Inc.
1993-1998	Dunn Engineers
1998-1993	Woolpert Consultants
1986-1988	W.K. Dickson and Company
1986	Clary-Miller and Associates
1985-1986	William F. Knight Land Surveying
1984-1985	Morris Exploration Company
1983-1984	William F. Knight Land Surveying
1981-1983	Columbia Gas Transmission Company

PROFESSIONAL REGISTRATION

Registered Land Surveyor – North Carolina, South Carolina, West Virginia

PROFESSIONAL AFFILIATIONS

North Carolina Society of Land Surveyors
South Carolina Society of Land Surveyors
West Virginia Association of Land Surveyors
American Congress on Surveying and Mapping
West Virginia Association of Land Surveyors, Greater Kanawha Valley Chapter, President 2003
West Virginia Society of Professional Surveyors, Board of Directors 2005-2006

AREAS OF SPECIALIZATION

Expert Witness/Case Preparation and Accident Surveys, ground control, construction stakeout, topographic mapping, boundary and property surveys including ALTA surveys, and construction surveys for layout of work, record drawings, and quantity measurements. Related areas include courthouse research, location/verification of utilities, preparation of right-of-way plans, and verification of property owners.

PROFESSIONAL EXPERIENCE

Surveying

Office, Business, and Industrial

- Wal-Mart – Construction layout for parking, roadways, curb and gutter, and utilities for new store in Barboursville, West Virginia.
- National Lumber Plant Site – Crew Chief/Survey Supervisor for boundary and topographic survey, construction stakeout for plant site in Roane County, West Virginia.
- BIDCO – Boundary and topographic survey of several parcels in the development and stakeout of spec building and parking lots in Kanawha County, West Virginia.

Construction Stakeout

- Charleston Federal Building – Crew Chief/Project Manager for staked foundation, anchor bolts, interior and exterior wall lines in Charleston, West Virginia.
- Courthouse Parking Building – Crew Chief for staked foundation and wall lines in Charleston, West Virginia.

ALTA Land Title Surveys

- Coolfont Resort – Project Manager for boundary survey on 920 acres in Morgan County, West Virginia.
- Pison Development – Crew Chief/Project Manager for ALTA survey and construction layout for six housing development in Kanawha, Mason, Randolph, and Ritchie Counties, West Virginia.
- Emmanuel Baptist Church – Crew Chief/Project Manager for church in Charleston, West Virginia.



*PROJECT
ABSTRACTS*

GRANVILLE BOAT RAMP MONONGAHELA RIVER

*Town of Granville
Monongalia County, West Virginia*

Potesta & Associates, Inc. (POTESTA) was retained by the Town of Granville to provide civil engineering design services for a new public boat ramp and river access area in Granville, West Virginia. The single lane, 100-foot by 20-foot, ArmorFlex[®] paving boat ramp also includes a paved access roadway and turnaround area, providing public access to the Monongahela River off of Main Street (Route 100) in downtown Granville. The project also included a non-potable dry hydrant assembly for filling fire trucks and municipal equipment.



Monongahela River – Project Site Before Construction

- **Surveying** – Topographic mapping of the project area.
- **Coordination and Consulting** with Various Groups/Agencies – Working with the City of Morgantown Floodplain Coordinator, coordination with landowner(s), the Army Corps of Engineers, and contractors to facilitate communication and compliance during the design process. Also, attendance of pre-bid and pre-construction meetings to assist the client in bid review and decision making.
- **Civil Site Design and Construction Documents** – Entrance/roadway design and grading plan including cut/fill for the construction site, roadway and boat ramp profile, and construction documents.
 - Construction Detail Drawings – Site plan and profile; ArmorFlex[®] paving section and profile; pavement plan and detail; dry-hydrant plan, profile, and pipe trench detail; erosion and sediment control details.
 - Engineer's Cost Estimate – Probable estimate of construction costs, including line items and estimated unit prices, and miscellaneous costs to estimate the total cost of project completion.
 - Technical Specifications – For project work/materials such as asphalt pavement, ArmorFlex[®] paving, dry hydrant assembly, earthwork, drainage, and expectations of the contractor.
 - Bid Documents – Preparation of bid tables, contract documents, and review of contractors' bids.
- **Construction Observation/Administration** – Various services during the construction phase including shop drawing review, schedule coordination between client and contractor(s), review of pay applications, and on-site inspection and materials testing (compaction, concrete, etc.).

POTESTA & ASSOCIATES, INC.

Charleston, WV • Morgantown, WV • Winchester, VA • Cambridge, OH
(304) 342-1400 • www.potesta.com

WATERFRONT MARINA

Paradigm Architecture

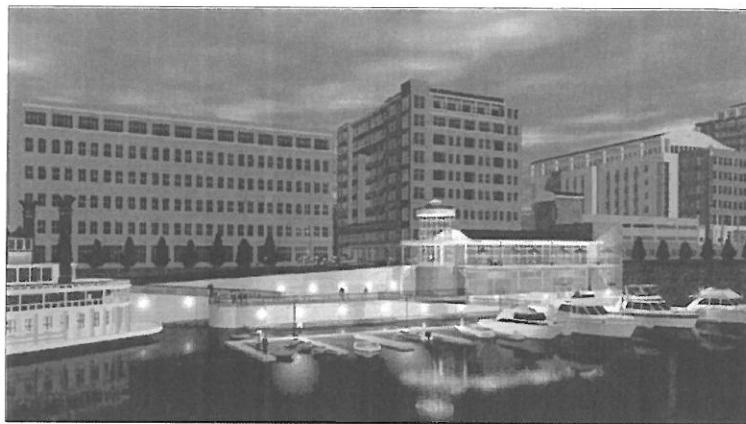
Morgantown, West Virginia

Potesta & Associates, Inc. (POTESTA) was retained by Paradigm Architecture to provide geotechnical engineering associated with the proposed Waterfront Marina to be located in Morgantown.

POTESTA's scope of services included a subsurface exploration, coordination of laboratory testing, and preparation of a geotechnical report. The drilling activities involved drilling adjacent to a rail trail managed by the Morgantown Board of Parks and Recreation, as well as borings located within the Monongahela River. POTESTA subcontracted drilling to Pennsylvania Drilling which drilled three (3) borings from a barge along with several locations along the river bank and adjacent to the trail..



Foundation recommendations were provided for the proposed buildings, as well as anchors for the proposed docks. Recommendations were also provided for site work including earthwork and infiltration for possible storm water management devices.



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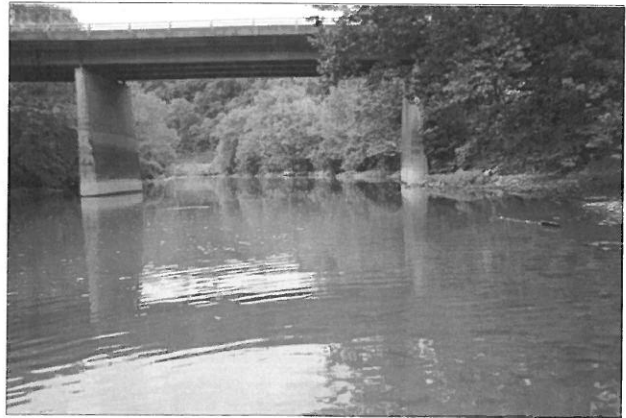
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WEST FORK RIVER WATERSHED SURVEY

Client Confidential

West Fork River - Lewis, Harrison and Marion Counties, West Virginia

Potesta & Associates, Inc. was retained to assess the water quality and determine potential sources of impairment in a 73-mile reach of the West Fork River. A survey of the West Fork River watershed was conducted to determine potential sources of impairment to the water quality and biota in the river. The basin wide study involved water quality and benthic macroinvertebrate surveys throughout the watershed, as well as compilation and review of historical water quality and flow data. A compilation of existing data from the US Army Corps of Engineers and the USGS gaging



stations on the river show a significant correlation between flow and some water chemistry parameters which may result in impairment of the in-stream biological community. The historical data which has been compiled will be compared with ongoing monitoring in the watershed to establish water quality trends in the West Fork River.

This project illustrates POTESTA's ability to develop and implement watershed scale monitoring programs. The ongoing monitoring in the watershed further illustrates our ability to develop and implement monitoring programs which are acceptable to the regulatory agencies.

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DAM INSPECTIONS FOR COOLFONT (LAKE SIRI) DAM

Coolfont Resort

Berkeley Springs, Morgan County, West Virginia

Potesta & Associates, Inc. (POTESTA) was retained by Coolfont Resort to perform a dam inspection for the Coolfont (Lake Siri) Dam near Berkeley Springs, Morgan County, West Virginia. Lake Siri is a large recreational lake at the Coolfont Resort. The Lake Siri Dam is an earth fill embankment that has dam height of approximately 23 feet and has a maximum capacity of 301 acre-feet that impounds Sir John Run, a tributary of the Potomac River.

POTESTA's services included:

- Submitted Freedom of Information Act (FOIA) request to the West Virginia Department of Environmental Protection Dam Safety Section (Dam Safety), and performed file reviews to obtain copies of past inspection reports, drawings and other pertinent information available in order to obtain a better understanding of the dam.
- Met with client's representatives familiar with the dam, to obtain additional information pertaining to the operation, maintenance, and history of the dam.
- Visited the site to conduct visual observation of the Dam's crest, upstream/downstream embankment slopes, abutment areas, and principal and emergency spillway structures to identify deficiencies and potential hazards.

POTESTA then prepared and submitted dam inspection reports in accordance with the Dam Safety Regulations. The report included visual observations made during the site visit, photographs, our opinions and conclusions relative to the condition of the dam, recommendations for correcting deficiencies and suggestions for future maintenance of the dam, and an engineer's certification statement.



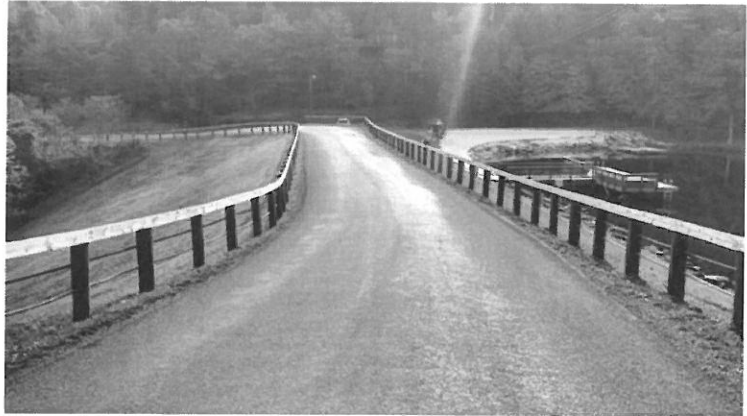
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DAM INSPECTIONS FOR SLEEPY HOLLOW SUBDIVISION DAM

*Sleepy Hollow Lot Owner Association, Inc.
Berkeley County, West Virginia*

Potesta & Associates, Inc. (POTESTA) was retained by Sleepy Hollow Lot Owner Association, Inc. to perform several dam inspection intervals for the Sleepy Hollow Dam located in the Sleepy Hollow Subdivision in Berkeley County, West Virginia. Sleepy Hollow Subdivision is a 73-unit family housing development. The Sleepy Hollow Subdivision Dam is an earth fill embankment that impounds Cherry Creek, a tributary of the Potomac River.



The dam is 42 feet tall, has a surface area at normal pool elevation of approximately 7.3 acres, and impounds a maximum water volume of 93.2 acre-feet.

POTESTA's services included:

- Submitted Freedom of Information Act (FOIA) request to the West Virginia Department of Environmental Protection Dam Safety Section (Dam Safety), and performed file reviews to obtain copies of past inspection reports, drawings and other pertinent information available in order to obtain a better understanding of the dam.
- Met with Sleepy Hollow Lot Owner Association, Inc. representatives familiar with the dam, to obtain additional information pertaining to the operation, maintenance, and history of the dam.
- Visited the site to conduct visual observation of the Dam's crest, upstream/downstream embankment slopes, abutment areas, and principal and emergency spillway structures to identify deficiencies and potential hazards.

POTESTA then prepared and submitted dam inspection reports in accordance with the Dam Safety Regulations that included visual observations made during the site visit, photographs, our opinions and conclusions relative to the condition of the dam, and an engineer's verification statement certification.

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PIPELINE RIVER CROSSINGS ON THE ELK AND KANAWHA RIVERS

*West Virginia American Water
Kanawha County, West Virginia*

Potesta & Associates, Inc. (POTESTA) was retained by West Virginia American Water (WVAW) to provide consulting services related to five pipeline river crossings on the Elk and Kanawha Rivers. Three of the projects were to replace HDPE line with ductile iron pipe in the Elk River and two were new ductile iron pipe construction crossings in the Great Kanawha River. WVAW had a mussel consultant contact the United States Fish and Wildlife Service (USFWS) for permits to survey the proposed stream crossings for threatened and endangered species of freshwater mussels. The consultant reported that the USFWS would not consider issuing permits to survey mussel populations in the proposed crossing areas. WVAW wished to pursue the permitting of the crossings as they were vital to the service structure in the Elk and Kanawha River area.

POTESTA set separate meetings with the United States Army Corps of Engineers (USACE) and the USFWS to gain further understanding of the USFWS's objections to granting approval for mussel surveys and to determine the USACE's position on the crossing projects. POTESTA developed a permitting strategy designed to pursue USACE permits for the river crossing work.

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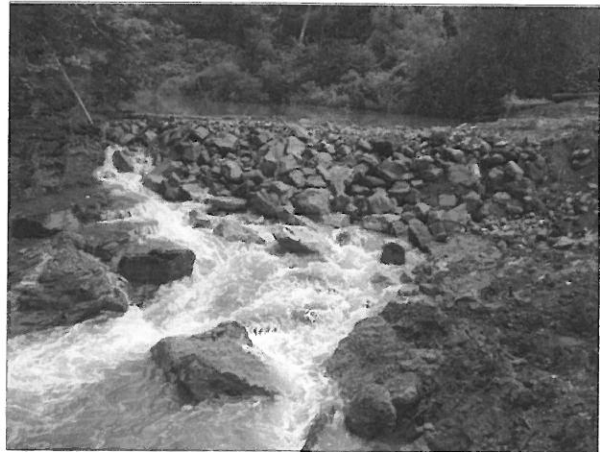
PINEY CREEK DAM

Raleigh County Recreation Authority

Lake Fitzpatrick Park - Surveyor, West Virginia

Potesta & Associates, Inc. (POTESTA) was retained by the Raleigh County Recreation Authority to design and oversee construction for a new dam on Piney Creek adjacent to Lake Fitzpatrick Park in Raleigh County, West Virginia. A previously existing dam on the creek had been washed out by flooding. The purpose of the dam on the creek was to impound water to an elevation which would allow flow from the creek to pass through an inlet pipe which fed nearby Lake Fitzpatrick. Lake Fitzpatrick has a very small water shed and therefore has difficulty maintaining normal pool elevation. When the original dam on Piney Creek washed out, the pool level subsequently dropped in Lake Fitzpatrick. The following is a list of services provided:

- ▶ Development of a preliminary evaluation report which provided several alternatives for methods of providing inflow to Lake Fitzpatrick.
- ▶ Design of a rock fill dam with a crest length of approximately 40 feet and an average height of 10 feet. The design included generating construction drawings and specifications.
- ▶ Preparation of permits including a Corps of Engineers 404 Nationwide permit and a Public Lands Corporation Stream Activity Permit.
- ▶ Preparation of bidding documents, including bid quantity list, conducted pre-bid meeting, and assisted the Raleigh County Development Authority with award of the successful bid.
- ▶ Contract administration and Construction Monitoring services.
- ▶ Quarterly inspections and reports required by WVDEP (also for both facilities).



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ACID MINE DRAINAGE TREATMENT PROJECTS-SOVERN RUN AND UPPER MUDDY CREEK

Friends of the Cheat

Preston County, West Virginia

Potesta & Associates, Inc. (POTESTA) was retained by the Friends of the Cheat (FOC) to provide design assistance for two acid mine drainage treatment projects located in Preston County, West Virginia. POTESTA's services included review and modifications of conceptual designs, topographic surveying, courthouse research for property boundaries, preparation of construction drawings and technical specifications, development of bidding documents, and construction observation.

The Upper Muddy Creek project involved acid mine drainage from four (4) areas that discharged into Muddy Creek upstream of where it crosses beneath State Route 3 (Brandonville Pike). Muddy Creek has been significantly impacted by acid mine drainage, but the upper portion is a trout stream. The proposed design includes the construction of four (4) limestone leach beds and nearly 1,500 feet of open limestone channel. The project was completed in 2004.



The Sovern Run (Tichenell) project involved highly acidic discharge from one source and mildly acidic discharge from two sources. The design included a limestone leach area and an open limestone channel to provide treatment for the main acid mine drainage source. The mildly acidic sources included a limestone leach bed for treatment and two (2) steel slag leach dams to add excessive alkalinity to the water in an effort to provide a net neutralization effect upon its confluence with the high acidity drainage further downstream. The project was completed in 2004.



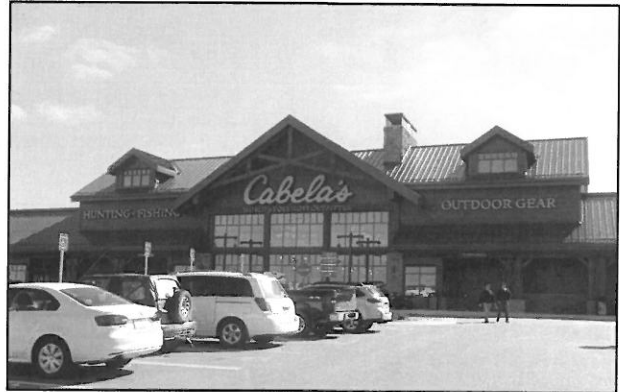
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CABELA'S RETAIL STORE

Cabela's Charleston, West Virginia

Potesta & Associates, Inc. (POTESTA) was retained by both the land developer and Cabela's to provide civil engineering design services for the Cabela's store in Charleston, West Virginia. The store is situated on a 10-acre parcel and includes an 80,000 square foot building, over 400 parking spaces, 3 entrances from public and private roadways, a plaza area across the front of the store, RV park area with sewage dump station, dog kennel area, and landscaping.



Specific services provided by POTESTA included:

- ALTA survey used for the lease agreement and subsequent design work.
- Subsurface exploration including sample collection and testing, geotechnical evaluation, and foundation recommendations.
- Grading plan including balanced cut and fill for the building pad, parking fields, and access roads.
- Stormwater collection system design including curb inlets, catch basins, and culverts.
- Pavement design.
- Utility extension designs including sanitary sewer, potable water, fire service, natural gas, underground electric, underground telephone, and underground cable television.
- Permitting services including coverage of site development under the state's general construction stormwater permit.
- Support for local approvals including approval from Charleston Municipal Planning Commission as a Development of Significant Impact, and building permit to allow construction to begin.
- MM-109 permit to allow for connection of the store's new roadway with the existing public roadway.

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To: Mr. Dean Wingerd
West Virginia Purchasing Division
2019 Washington Street East
Charleston, West Virginia 25305

Date: October 27, 2014

Project No.: 0102-14-0470

Sent Via: Mail Federal Express United Parcel Service
 Hand Carried Other: _____

Quantity	Description
4	Statement of Qualifications for Kimsey Run and Warden Lake Boat Launch Improvements, Solicitation No. 0310 DNR1500000017 (1 Original and 3 Copies)
Remarks:	

By: Dan Miller/clr
c: _____