



Proposal to provide services for the

Watoga Riverside Campground

Wastewater Plant



06/15/16 10:31:43
WV Purchasing Division

designing West Virginia's future

June 16, 2016



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Wheeling, WV 26003

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mail@cerrone1.com

June 14, 2016

Guy Nisbet
Senior Buyer, Purchasing Division
2019 Washington St, E.
Capitol Complex, 1st Floor
Charleston, WV 25305-0130

RE: Wastewater Plant, Watoga Riverside Campground

Dear Mr. Nisbet,

Cerrone Associates, Inc. is pleased to submit the following proposal for Professional Engineering Services for the above referenced project. This proposal demonstrates our interest, qualifications, and capabilities in regard to this project.

Cerrone Associates, Inc. has over 50 years of experience in water project design, and a long list of repeat clientele to prove it.

We are unique in the industry for three reasons:

1) We have a solid group of highly tenured associates. Our key engineers, surveyor and administrators have been in the industry an average of 25 years each! This experience is very rare in today's consulting world. The same team members will be around from start to finish and many years beyond to continue to service you. In the field during construction, it means highly experienced and loyal project representatives will be onsite.

2) We do more projects for a select group of clients. Our entire office culture is based on providing services to a small group of clients whom we have worked with for more than thirty years. We get to know your system and needs much more in depth than the average firm that is structured around doing few projects for each of its revolving door of clientele.

Company qualifications are enclosed. We believe that our proposal is complete in providing you with an overview of our team's capabilities. However, if you would like additional information on any portion of our proposal to assist your review process, please do not hesitate to contact us.





We are in compliance with all applicable state and federal requirements in regard to civil rights, equal employment opportunity, and other related matters.

The opportunity to offer our services is appreciated. We look forward to discussing our capabilities with you.

Respectfully,

CERRONE ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Chad A. Miller". The signature is fluid and cursive.

Chad A. Miller
Project Manager

CAM/ah



What You Need

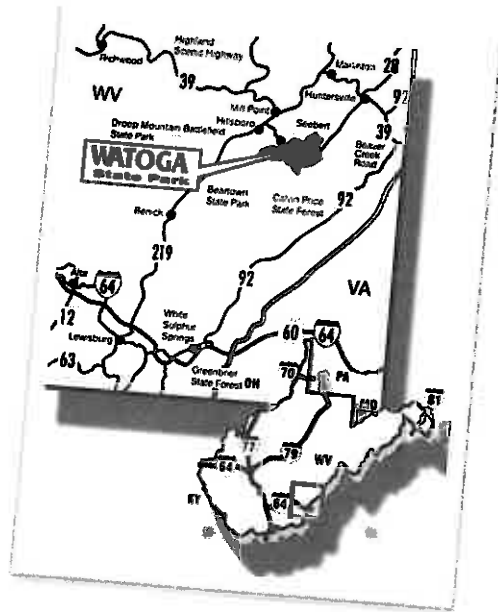
We believe that any small community or public service district in West Virginia should ask several basic questions when hiring a professional consulting engineer. After over 50 years of experience in consulting engineering, almost exclusively in West Virginia, we see the pitfalls that can sometimes occur from good intentions.

By the time your project is complete, you want something built that solves your problem or addresses your needs on schedule and within the budget. However, our industry faces one of the longest cradle to grave processes of all, with a maze of regulatory and funding agencies to deal with. Additionally, the constantly changing marketplace brings in new contractors and ushers out old ones that makes constant and competent observation during construction a must.

When Cerrone Associates, Inc. started in 1964, our goal was to provide quality consulting services in the water and wastewater public sector. Over fifty years later, we still serve that same mission. In all those years of professional practice, we have developed a culture of highly tenured and experienced staff that knows what clients like you need and know how to provide the service.

With a half century of experience, and a long list of multi-generational, repeat clientele to show for it, Cerrone Associates, Inc. is ready to help you with your project.

You want something built that solves your problem or addresses your needs on schedule and within the budget



Watoga Riverside Campground
Need: Wastewater Plant



Questions to Ask

Whether you are hiring an employee or a consulting engineer, the process is basically the same. You ask a fixed set of questions, follow up on references and then make your decision from there.

To assist you with the process of reading through lots of proposals with lots of information, we propose that there are a handful of questions whose answers can provide lots of insight into the consulting firm you are considering.

- 1) How long has the firm been in the industry?**
- 2) How well staffed is the firm?**
- 3) How many long term clients does the firm have?**
- 4) How accessible is the firm?**
- 5) How innovative is the firm?**
- 6) How successful is the firm in getting projects from start to finish?**
- 7) How well respected is the firm with agencies and contractors?**



Cerrone Associates, Inc. maintains operations out of its one and only office in Wheeling. We have specialized in public water and wastewater design for over a half century.



How Long Has The Firm Been In the Industry?

Longer Than Most

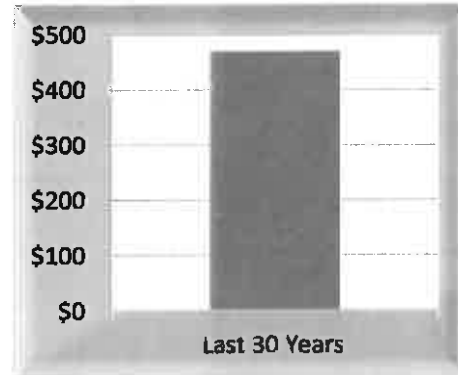
When the mass public need for public water and wastewater arose after World War II, there were very few firms in West Virginia available to service customers. Many communities had combined sewer and storm systems that flowed to the creeks and rivers, and many public service districts operated out of the managers' basements.

Cerrone Associates, Inc. had its beginnings in those days, travelling the two lane roads at all hours of the day when it took six hours to drive from Wheeling to Charleston. Communities as far away as Logan, West Virginia, to Frostburg, Maryland, to Zanesville, Ohio, called on Cerrone Associates, Inc. to provide innovative design solutions for anything from water extensions to new sewage treatment plants.

Dominick E. Cerrone, an immigrant whose family left its devastated farm south of Rome, Italy, after the war, settled in Wheeling with a newly minted degree in Civil Engineering from New York University. He went to work for A.R. Todd Associates, Inc., a small Wheeling based consulting engineering firm that specialized in water and wastewater treatment. By 1964, sensing the need in West Virginia for this service beyond the local area, he bought the company and expanded services to much of the state.

The firm quickly gained a reputation for low key, innovative service based on a commitment to quality. By the 1970's, Cerrone had successfully completed more water and sewer projects for satisfied clientele than most any other firm in the state.

After the War on Poverty in the 1960's, programs such as the Clean Water Act of 1972 began, and much of the nation witnessed the federal government invest millions in rural West Virginia through a variety of programs. Many



Projects to Bid (values in hundreds of millions) Cerrone Associates, Inc. has brought almost \$500 million dollars worth of water and wastewater projects to fruition in the last 30 of its over 50 years of service to West Virginia. Over \$150 million of those have been in the last 10 years.



Water and Sewer Projects in the last 10 Years

non-indigenous consulting firms opened up shop in our state. While many have come and gone with the tides of available federal money, Cerrone Associates, Inc. has stayed firmly rooted in West Virginia. With one base location in Wheeling, Cerrone has continued to serve the water and wastewater needs of the state with the same personal attention and commitment to quality that were the benchmarks of its founder.



How Well Staffed Is The Firm?

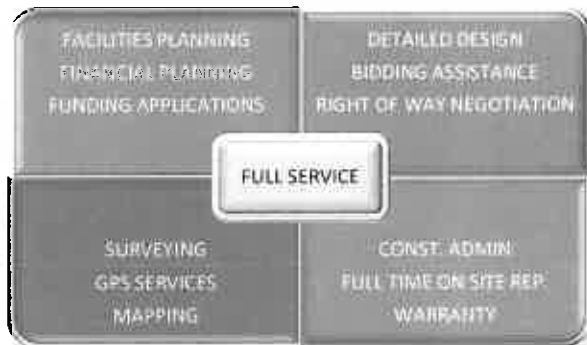
We're Seasoned Pros

What you need is a firm with a line-up of individual professionals and experts in the industry that have a commitment to the firm. The loyalty to the firm, quite simply, translates to loyalty for its clients. Impressive resumes with many years of work experience at the firm you are considering does not always translate into stellar performance for you.

Cerrone Associates, Inc. is proud to have a small but solid group of highly tenured associates that bucks the industry trend. *In fact, our top key six associates have an average of 25 years of commitment to Cerrone, and our team of resident project representatives average ten years at Cerrone -- an extraordinary fact in today's corporate world!*

What does that mean for you? In addition to client loyalty, it means the same faces that studied your project will be there for design, construction, warranty and years after the fact.

Our team includes not only professional engineers, but also CAD operators, a surveyor, resident project representatives, a financial administrator, and administrative staff. Together, they form a team that makes its best efforts to keep on top of the latest trends in technology and the funding and regulatory climate.



Cerrone Associates, Inc. offers "cradle to grave" consulting services with its experienced team of associates.

Tenure of Associates at Cerrone

Associate	Years
<i>Key Associates</i>	
Randy Cole	39
Jim Ruckman, PS	37
Jim Mayles, PE	27
Dominick P. Cerrone, PE	21
Chad Miller	12
<i>Average, By Department</i>	
Engineering/Surveying/CAD	20
Resident Project Rep	13
Administrative	22
Overall Average	18

Overall Average comprises all associates' tenures



The Cerrone Associates, Inc. team for Watoga Riverside Campground.



How Many Long Term Clients
Does The Firm Have?

Clients Come Back

You want a firm that you can come back to, time and again. The sign of a good engineer consultant is one that you feel comfortable coming back to for anything from warranty issues to starting up new projects. After all, a good solid relationship with your engineer consultant allows you to grow. It is as important as a doctor is to a person -- someone who knows your history that you can come back to for anything from a minor problem to a major project.

Cerrone Associates, Inc. prides itself on a list of multi-generational, repeat clientele that have grown from small basement operations to multi thousand customer public utilities. Some have come back for almost one hundred jobs over 30 years! If that is not a confirmation of our commitment to service and loyalty, then nothing else is.

We pride ourselves on being rooted in West Virginia, with generations of managers, board members, mayors and councils coming back to Cerrone Associates, Inc. for all of their civil engineering needs. Rather than having a large number of clients and few projects from each to show for it, we have a small group of clients whose systems we know inside out. The result is dozens of successful projects completed for each one.

Our clients have come to know us for the quality of our work, attention to detail and follow up service both in the field during construction and well after.

When you hire Cerrone Associates, Inc., we want you to come back to us for the next job, and the job after that. We want you to become one of our loyal clients and will work to deserve that honor. Therefore, you can expect the same service as we provide all our long term clients.



Cerrone Associates, Inc. prides itself on a list of multi-generational, repeat clientele that have grown from small basement operations to multi thousand customer public utilities. We have a small group of clients whose systems we know inside out.

Our Largest Repeat Clientele

Client	Since	Projects
Marshall County PSD 2	1965	Over 5
Marshall County PSD 4	1970	Over 40
Town of Harrisville	1974	Over 30
Claywood Park PSD	1976	Over 60
Tyler County PSD	1976	Over 20
Town of Bethany	1977	Over 5
City of Glen Dale	1978	Over 20
Central Boaz PSD	1978	Over 15
Mason County PSD	1979	Over 100
Pendleton County PSD	1998	Over 5
Total Active Clients 2015		12

Projects range from \$5,000 to \$20,000,000



How Accessible Is The Firm?

We Are At Your Call

You need a firm that is not juggling so many clients and projects that yours gets lost in the shuffle. The entire office at Cerrone is structured around *fewer* clients and *more* projects for each one. Therefore, we get to develop a real working knowledge of your system and needs.

Since we effectively develop a retainer style relationship with each one of our clients, we end up assisting our municipal and public service district clients in lots of ways. On-site meetings at your request and direct incoming calls to each office are standard culture at Cerrone.

When you hire Cerrone Associates, Inc., you are hiring another set of eyes and ears on your water and sewer systems. As we continue to work with you, we become more and more familiar with your system. We want to become a trusted advisor for all your utility infrastructure needs.

But don't ask us -- ask our long list of references.

On-site meetings at your request and direct incoming calls to each office are standard culture at Cerrone.

References

-  **Todd Grinstead, General Manager**
Claywood Park PSD, Wood County, WV
304-422-6042; todd@woodpsd.org
-  **Alan Haught, Mayor**
Town of Harrisville, WV, Ritchie County, WV
304-643-2719; hmayor26362@yahoo.com
-  **Robert Patterson, General Manager**
Tyler County PSD, Tyler/Westall Counties, WV
304-652-3510; patpsd@frontier.com
-  **Sean Orlofske, Superintendent**
City of Glen Dale, WV
304-845-4740; naes65@comcast.net
-  **David Niebert, General Manager**
Mason County PSD, WV
304-675-8940; rsgrinstead@frontier.com
-  **Donna Crawford, Chairman**
Marshall County PSD #4, WV
304-843-1234
-  **French Moates, Chairman**
Pendleton County, PSD, WV
304-358-3027; pendcopid@frontier.com
-  **Ron Lanch, Chairman**
Marshall County PSD #2, WV
304-810-0842; retelect19@comcast.net
-  **Todd Grinstead, General Manager**
Claywood Park PSD, WV
304-422-6042; todd@woodpsd.org
-  **Crystal Vargo, Fiscal Officer**
Village of Quaker Ctry, OH
740-679-3211; dcvargo51819@windstream.net



How Innovative Is The Firm?

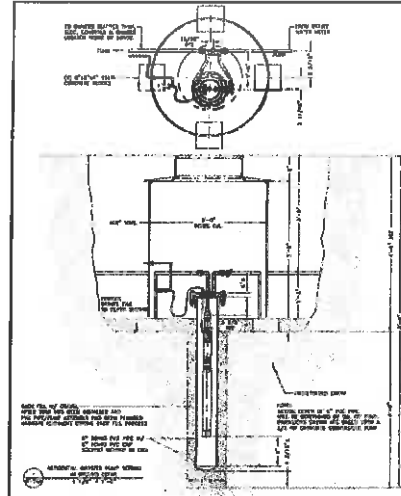
We're First to Market

You want a firm that solves your problem in a timely, efficient and cost effective manner. Sometimes, the same solution to another community's system is not always the right solution for you. Therefore, you want a firm that is willing to take the risk to consider new and innovative technology when necessary to get you what you need.

Cerrone Associates, Inc. has been first to market on a variety of technologies that were innovative in the day, and commonplace today. In other words, we have paved the road for dozens of other engineers in the state in technologies that have become vital to our region's current water and wastewater needs. Pressure and vacuum sewer collection systems, oxidation ditch and sequencing batch reactor wastewater treatment, and other items all have their roots in the state with us, Cerrone Associates, Inc. And since we have longer experience with these than any other firm, we know the advantages and disadvantages of each and what to look out for when considering these.

In addition to introducing major technology to the state, we are also focused on coming up with small, simple solutions for your everyday small, simple problems. We are regularly developing useful solutions to better service our clients, both during projects and whenever the client has a general need. These designs are based in years of field experience and feed back – items like our individual water service pressure pump, our pressure system electrical system drainage details, and more.

Whether for a big need or a small one, Cerrone is prepared to be innovative when needed.



Cerrone Associates, Inc. is focused on both major technological innovations as well as innovative every day solutions like our own design for a residential pressure booster pump, as seen above.

First to Market

Technology	Location
Vacuum Sewer	Ohio County PSD
Public Pressure Sewer	Jane Lew, WV
Oxidation Ditch	Cameron, WV
Sequencing Batch Reactor	Central Boaz, WV
Water Supply Infiltration Trench	Hammond PSD

All these technologies have become industry standards in WV.



How Successful Is The Firm in Getting Projects from Start to Finish?

We Move Projects

You need an engineer that can focus on your project, and you can't afford having your project get marginalized and handed off to inexperienced or new staff. You want a firm where you are not lost in a long list of clients, and whose owner actually knows you who are and what your needs are. You want a firm that has a sense that your project is more than a study, but rather something that must be built and work.

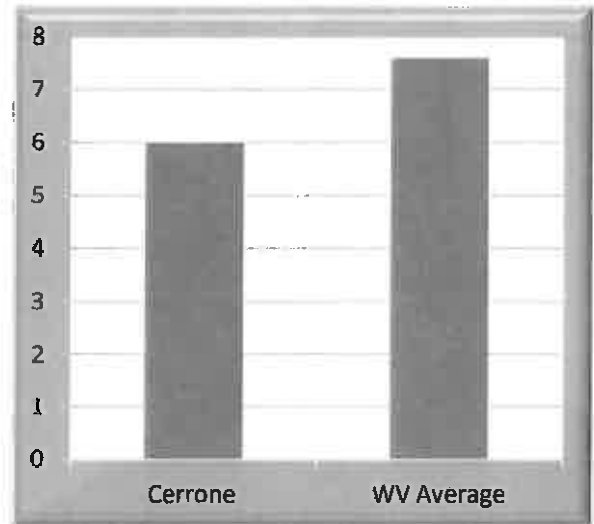
At Cerrone Associates, Inc., every project matters. Since we do *more* work for *fewer* clients, each project is important. Quite frankly, we cannot afford to have projects sit in our office.

In order for a project to move through the maze of funding and regulatory requirements, the foundation of the project -- the preliminary study and funding applications -- must be solid. This is the one step of the process you do not want to hastily complete. A well thought out study means savings in both time and costs down the road.

A project with Cerrone moves through the "cradle to grave" process in approximately a third less of the time than the statewide average.

Our experience in securing funding is admirable. Your project will have our seasoned financial team on board that will work directly on your project.

What this all means is that a project with Cerrone Associates, Inc. moves through the "cradle to grave" process in approximately a third less of the time than the statewide average. And numbers don't lie.



Average number of years to complete a project submitted to the West Virginia Infrastructure and Jobs Development Council, from "cradle to grave."

Source: Information extracted from the West Virginia Infrastructure and Jobs Development Council, 2014.

Note: These do not include projects funded exclusively with USDA that do not appear before WVJDC.



How Well Respected Is The Firm with Agencies and Contractors?

We Are Respected

Your project's success rests on your engineer's stature in the funding, regulatory and bidding environment in the state. For better or worse, the reputation and credibility of your project is tied up with the reputation and credibility of the firm that designs it.

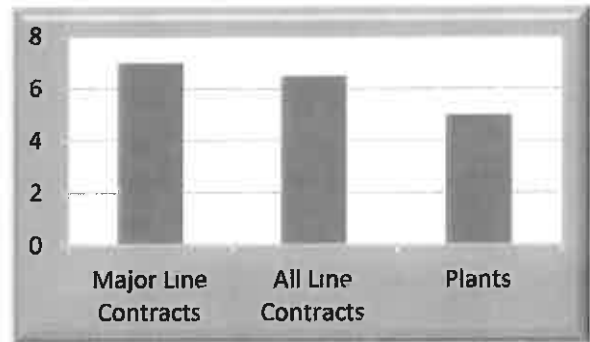
That is why we take your project seriously. And because of that, Cerrone has garnered the long term respect of both funding and regulatory agencies over a period of fifty years. Together, we have seen almost 60 successful projects funded in the last ten years by the WV Infrastructure and Jobs Development Council (WVIJDC), the WV Department of Environmental Protection (WVDEP), the West Virginia Development Office (Small Cities or Community Development Block Grants), USDA Rural Development and the US Army Corp of Engineers.

The reputation and credibility of your project is tied up with the reputation and credibility of the firm that designs it.

Additionally, our designs that are based in years of common sense office and field experience attract the attention of more contractors than most. They seek our projects to bid because they know they can rely on well detailed, consistent documents, which means more competitive bidding for you.



Bidders have up to the minute information on project bids through our website. Cerrone offered this before other engineers in the state, and it is just one of the many things that make your project with us highly sought after by bidders.



Average number of bidders on different kinds of contracts in the last 10 years. Bidders know they can rely on well detailed, consistent documents.

Agency	Projects in Last 10 Years
WVDO (SCBG)	Over 10
USDA RD	Over 30
WVIJDC	Over 20



Mineral Wells PSD

Wastewater Treatment Plant

The Mineral Wells sewage treatment plant consists of a 600,000 GPD aerated facultative lagoon. Included in the treatment process are an operations building, a mechanical bar screen, four (4) blowers and an ultraviolet disinfection system. The plant was often in violation of its BOD and TSS limits.

*Client: Mineral Wells PSD, Wood County, WV
Contact: Roy Radabaugh, Chairman*

*Project Cost: \$4,000,000
Funding: USDA – Rural Development*

Year Complete: 2014

The upgrade to the Mineral Wells wastewater treatment plant was constructed on the existing site. Preliminary evaluations compared new oxidation ditch and sequencing batch reactor technology in addition to upgrading the existing lagoons. A present worth analysis showed that an upgrade of the existing facility was significantly more economical. A system that allows for more comprehensive consumption of both carbonaceous and nitrogenous oxygen demand and is capable of enhancing cold weather nitrification was installed. It included a new fine-pore aeration system in the aerated facultative lagoons and a floating cover on the first lagoon to provide more complete treatment of the wastewater and achieve compliance with ammonia nitrogen limits as well as other discharge parameters. A floating cover on the third lagoon will limit algae growth.

Additionally, a new open channel type ultraviolet disinfection system replaced the existing chlorine based system. New blowers and the addition of rip rap along all lagoon edges were installed to stave off dike erosion.

The improvements here will restore the plant capacity to 600,000 GPD and allow the plant to meet all discharge parameters in the most economical manner.



Featured Projects

Sewer Systems 2009 - 2014

Newark Area Sewers

*Claywood Park PSD, Wood County, WV
Contact: Todd Grinstead, General Manager*

Project Cost: \$6,500,000

Funding: IJDC

Year Complete: Ongoing, Est. 2015



Sewer System Improvements

*Town of Harrisville, Ritchie County, WV
Contact: Alan Haight, Mayor*

Project Cost: \$2,500,000

Funding: USDA - Rural Development

Year Complete: Ongoing, Est. 2014



Lakin Camp Conley Area Sewers

*Mason County PSD, WV
Contact: Randy Grinstead, General Manager*

Project Cost: \$7,500,000

Funding: DEP, SRF, Corps

Year Complete: 2014



Sewer System Improvements

*Mineral Wells PSD, Wood County, WV
Contact: Todd Anderson, Operations Manager*

Project Cost: \$6,700,000

Funding: USDA - Rural Development

Year Complete: 2014

Red Hill Sewers

*Claywood Park PSD, Wood County, WV
Contact: Todd Grinstead, General Manager*

Project Cost: \$10,000,000

Funding: SRF Loan, IJDC Grant/Loan

Year Complete: 2010



Featured Projects

Sewer Systems 2009 - 2014

*Wadsworth Sewers
Mason County, WV
Contact: Randy Grinstead, General Manager
Project Cost: \$730,000
Funding: IDC Grant/Loan
Year Complete: 2009*

*STP Sludge Belt Press
Town of Harrisville, Wood County, WV
Contact: Alan Haught, Mayor
Project Cost: \$776,000
Funding: RUS Grant/Loan
Year Complete: 2009*



Dominick Cerrone, PE

President & Director of Engineering

Mr. Cerrone joined the firm in 1995. His responsibilities include day to day oversight and direct supervision on all engineering work at the firm. Additionally, he is involved as the principal in the preparation of feasibility and planning studies; civil and structural design,



Years of Service at Cerrone: 19

Education:

BS, Architecture, University of Virginia

BS, Civil Engineering, West Virginia University

Licenses:

West Virginia Professional Engineer

Ohio Professional Engineer

Pennsylvania Professional Engineer

Maryland Professional Engineer

including water and wastewater collection and treatment, concrete design, site grading; construction management through construction start up; and serving as primary client liaison to clients.

Key Completed Projects

Mason County PSD Lakin Camp Conley Wastewater System

A \$7,500,000 project to provide public sewerage to the Lakin Correctional Facility and other new customers with collection and a new 350,000 GPD continuous feed SBR treatment plant, sewer system rehabilitation and existing plant decommissioning.

Mineral Wells PSD Wastewater Improvements

A \$6,500,000 project to upgrade the district's sewer system plant that serves over 1,700 customers. The project included an SSES, robotic TV inspection, sewer system and lift station rehabilitation, and retrofitting the existing lagoons with new aeration.

Pendleton County PSD Kline Mozer Water Extension

A \$3,000,000 project that served 87 new customers outside of Upper Tract that included a 100,000 gallon storage tank and 50 GPM booster station.

Claywood Park PSD Water Treatment Plant Upgrade

A \$6,500,000 project to replace a 25 year old plant with a new 3.0 MGD claricone plant with gravity filters and complete chemical feed systems. The project included a raw water lift station, electrical and telemetry upgrades and a new 350 MG transfer tank.

Union Williams PSD Wastewater System

A \$15,000,000 project to provide sewer to over 2,000 new customers with a new 800,000 GPD continuous feed SBR treatment plant, gravity and pressure sewer including 8 lift stations, sewer system rehabilitation and over 20 existing plant decommissionings.

West Alexander Borough Municipal Authority Wastewater System

A \$3,500,000 project to provide sewer to 300 new customers with a 60,000 GPD Biolac treatment plant and gravity and pressure sewer with 3 lift stations.

Pendleton County PSD Riverton Water System

A \$1,500,000 project that served 30 new customers with a new 50 GPM well field and 75,000 gallon storage tank.



Jim Mayles, PE

Project Engineer

Mr. Mayles joined the firm in 1990. His responsibilities include direction of planning, surveying, mapping and design for water and wastewater projects; design of reinforced concrete tanks, concrete and gabion retaining walls, concrete and steel structural members;



Years of Service at Cerrone: 24

Education:

BS, Civil Engineering, University of Dayton

Licenses: West Virginia-Professional Engineer

design of water treatment, pumping and distribution systems; design of wastewater treatment, pumping and collection systems; project management from planning through completion of construction and startup; and client liaison through telephone and on-site meetings.

Key Completed Projects

Mason County PSD Lakin Camp Conley Wastewater System

Contract 1- WWTP

A \$7,500,000 project to provide public sewerage to the Lakin Correctional Facility and other new customers with collection and a new 350,000 GPD continuous feed SBR treatment plant, sewer system rehabilitation and existing plant decommissioning.

Mineral Wells PSD Wastewater Improvements

Contract 1- WWTP Improvements

A \$6,500,000 project to upgrade the district's sewer system plant that serves over 1,700 customers. The project included an SSES, robotic TV inspection, sewer system and lift station rehabilitation, and retrofitting the existing lagoons with new aeration.



Mason County PSD Ashton Water Treatment Plant

Contract 1- WTP

A \$3,000,000 project to provide a new 500 GPM pressure filtration plant with 4 wells. The plant alleviates increasing demand in the District's southern system south of the Little Kanawha River and is one of four water sources in the district. The green sand filtration reduces iron and manganese.

Claywood Park PSD Red Hill Sewer – Phase I

Contract 1- Treatment Plant Upgrade

A \$6,000,000 project to provide public sewerage to 463 customers, including three miles of gravity sewer, 15 miles of pressure sewer, 164 grinder pumps and 5 lift stations. The project also upgraded an existing plant to a 450,000 GPD continuous feed SBR system.

Union Williams PSD Wastewater System

Contract 1- WWTP Upgrades and Lift Stations;

Contract 8-Telemetry

A \$15,000,000 project to provide sewer to over 2,000 new customers with a new 800,000 GPD treatment plant, gravity and pressure sewer including 8 lift stations, sewer system rehabilitation and over 20 existing plant decommissionings. The plant upgrade included converting a smaller true batch SBR to a new continuous feed SBR, a new belt press and headworks, and all new controls.

Chad Miller

Project Manager

Mr. Miller graduated from West Liberty University in 1995 with a BS in Business Administration. He joined the firm in March 2004 as a Resident Project Representative (RPR).

In 2011, Mr. Miller was promoted to Project Manager. This involves handling permits for new and ongoing projects, working on Preliminary and Final Engineering Reports, along with utilizing WaterCAD and AutoCAD to assist in designing projects. Chad also provides troubleshooting and field supervision for both water and sewer projects. In addition, Mr. Miller answers contractor questions



Years of Service at Cerrone: 10

Education: BS, Business Administration, West Liberty University

during the bid process, conducts progress meetings during construction, monitors construction budgets, and serves as client liaison.

Key Completed Projects

Mineral Wells PSD Wastewater Improvements

Contracts 1-4 Sewer System Improvements
A \$6,500,000 project to upgrade the district's sewer system plant that serves over 1,700 customers. The project included an SSES, robotic TV inspection, sewer system and lift station rehabilitation, and retrofitting the existing lagoons with new aeration.



City of Glen Dale Water System Extensions and Improvements

Contracts 1-3 Water System Improvements

A \$1,665,000 project which included upgrading several water mains to provide better hydraulics throughout the existing system, 24 tie-ins to existing water mains, decommissioning an existing booster station, providing and installing a pre-engineered hydroconstant (constant pressure) booster station, and a new, larger water storage tank to provide fire protection. The existing 500M gallon Main Tank was taken out of service and repainted during this project.

Mason County PSD Lakin Camp Conley Wastewater System

Contract 2 – Wastewater Collection System, Lift Stations, and Rehabilitation

A \$7,500,000 project which provides public sewerage to the Lakin Correctional Facility and several residential customers from the new Lakin Lift Station to Wadsworth Avenue along State Route 62. Pump upgrades to the existing Industrial Park Lift Station were also completed. Existing gravity sewer system rehabilitation and telemetry were included in Contract #2.

Marshall County PSD #2 Water System Improvements

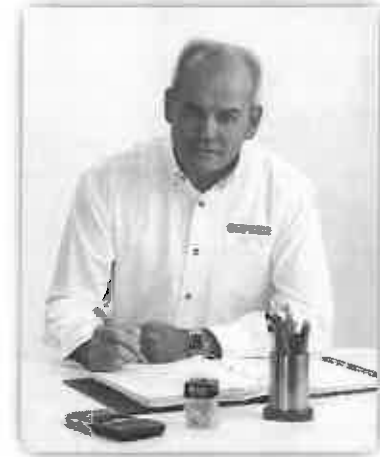
Contract 1- Water System Improvements

A \$2,300,000 project to provide miscellaneous water system improvements including new booster station and tank for hydraulic performance, replacing existing hydrants and valves, rehabilitation of a water treatment plant and booster station and an office building addition.

Jim Ruckman, PS

Director of Field Activities

Mr. Ruckman joined the firm in 1979 as a member of the survey crew. He is currently the in charge of all field activities and personnel and surveying, and also serves as a project manager for construction. His duties include surveying (field traversing, aerial mapping ground control, site survey plats and legal descriptions, data



Years of Service at Cerrone: 35

Education:

Associates in Applied Science (Land Stabilization and Reclamation Engineering), Belmont Technical College

Licenses: *West Virginia Professional Surveyor*

collection and reduction, GPS), sanitary sewer evaluation studies, water and sewer system field layout and design, right-of-way identification and negotiation, construction stakeout and cut sheet preparation, and construction inspection.

Mr. Ruckman manages the firm's resident project representatives. He is directly responsible for supervising inspection efforts on public projects which are usually located throughout West Virginia.

Key Completed Projects

Friendly PSD Elk Fork, Bens Run & Fluharty Addition Water Extension

A \$2,800,000 project adding approximately 12.5 miles of new 6", 4" and 2" main waterlines and 11 new fire hydrants and 3 new fill hydrants serving approximately 146 new customers in the Elk Fork, Iuka, Fluharty Addition, State Route #18 and Bens Run areas of Tyler County, WV. Additional System Improvements were completed upgrading several existing facilities.



Central Boaz PSD Water System Improvements

A \$1,400,000 project adding approximately 4.9 miles of new 8", 6", 4" and 3" additional new/larger diameter waterlines and fire hydrants to the Boaz, Central Communities and the Summit - Ridge Road areas of Wood County, WV to improve system hydraulics and provide adequate fire protection to the service area.

Town of Harrisville Sewer System Improvements

A \$2,800,000 project installing approximately 4 miles of 10" and 8" replacement gravity sewer main lines and approximately 2 miles of 6" and 4" gravity sewer service lines, 145 new manholes, 27 manhole replacements, approximately 2,500' of gravity sewer main cleaning and internal pipeline video, as well as numerous manhole rehabilitations, raisings and point repairs.

Claywood Park PSD Riser Ridge-Laurel Fork Water Extensions

A \$4,000,000 project adding approximately 39 miles of new 8", 6", 4", 3" and 2" main waterlines, 3 new constant pressure booster stations, and 14 new fire hydrants servings approximately 295 new customers in various areas of Wood County, WV and the Newark Road and Grieve Run Road areas of Wirt County, WV.