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WV PURCHASING  
DIVISION



*Proposal to provide services for*

## **Various Public Water Supply Utilities**

### **Source Water Protection Plans**



*designing West Virginia's future*

**June 4, 2018**



June 4, 2018

97-14<sup>th</sup> Street  
Wheeling, WV 26003  
304.232.5550 (T)  
304.233.2512 (F)  
mail@cerrone1.com

Jessica Chambers  
Bid Clerk Department of Administration  
Purchasing Division  
2019 Washington St. East  
Charleston, WV 25305

RE: Various Public Water Supply Utilities  
Source Water Protection Plans

Dear Ms. Chambers:

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 solid list of repeat clientele to prove it.

We are unique in the industry for two 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 29 years! This experience is very rare in today's consulting world.

**2) We offer a unique combination of extensive water system design AND Source Water Protection Plan experience in West Virginia.** We have the resources and working relationships to produce useful plans in a timely manner. Just ask our references in the various agencies.

Company qualifications are enclosed. We believe that our proposal is complete in providing you with an overview of our team's capabilities and an extensive list of clients and agency references. 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 be "D. Cerrone", written in a cursive style.

Dominick P. Cerrone, PE  
Director of Engineering

DPC/cd

Encl.

Thanks for the opportunity!



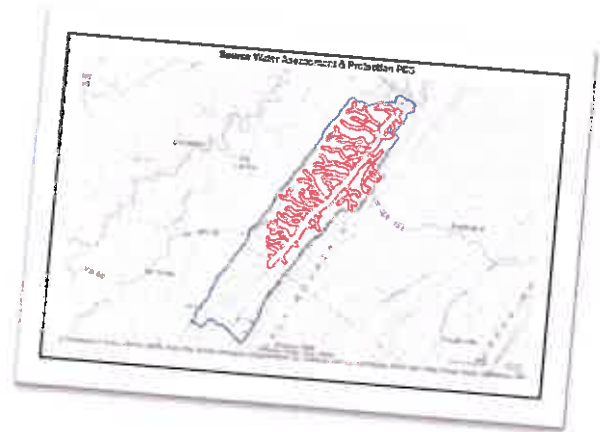
## The Proven Choice

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 more than 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 know what clients like you need and know how to provide the service.

With over 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.



**Various Public Water Supplies**  
Need: County Source Water Protection Plans

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



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# The Details

Find out how Cerrone Associates, Inc. is the right consulting engineer for all Source Water Protection Plans in West Virginia

**The History**

**The Experience**

**Respect**

**Working Relationships**



**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.**



## Our Firm Has Been in the Industry Longer Than Most

# The History

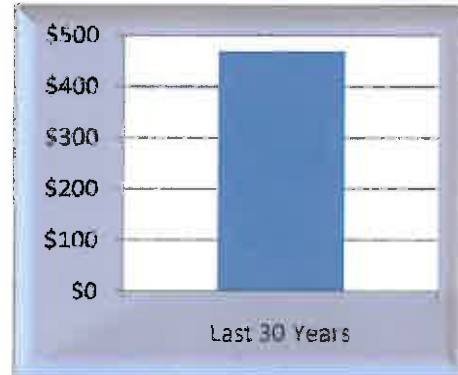
When the mass public need for public water and wastewater arose after World War II, there were very few firms in West Virginia available to service customers. Many communities had combined sewer and storm systems that flowed to the creeks and rivers, and many public service districts operated out of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



Source Water Protection Plans in the Last 3 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.



## Our Associates are More Seasoned Than Most

# The Experience

When you are looking for a consultant to perform a Source Water Protection Plan, you want a consultant who has vast experience in water system design in the state. We are one of the few firms in the state that have over 50 years of experience in public water systems, in all corners of the state.

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 five associates have an average of 29 years of commitment to Cerrone -- an extraordinary fact in today's corporate world!*

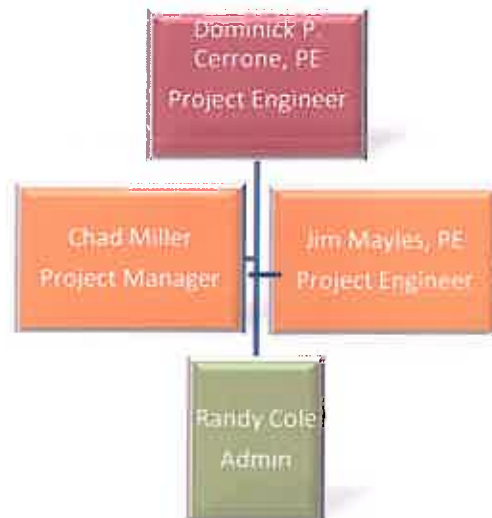
What does that mean for you? Targeted, complete, and well crafted plans executed in much less time than others will offer. Plans that will serve as the basis for years as a benchmark for public water safety for your communities.

With roots deep in West Virginia, our firm is proud of the list of repeat clientele, with whom we have worked to create a vast network of public water treatment and distribution systems throughout the state

### Tenure of Associates at Cerrone

Associate	Years
<i>Key Associates</i>	
Randy Cole	39
Jim Ruckman, PS	39
Jim Mayles, PE	28
Dominick P. Cerrone, PE	23
Chad Miller	14
<i>Average, By Department</i>	
Engineering/Surveying/CAD	21
Resident Project Rep	14
Administrative	23
<b>Overall Average</b>	<b>19</b>

*Overall Average comprises all associates' tenures*



**The Cerrone Associates, Inc. team for the Source Water Protection Plans**



# 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.*

*He serves as the principal in the preparation of feasibility and planning studies, funding strategies and applications, civil design including water and wastewater collection and treatment, construction management through construction start up, warranty, and serving as primary client liaison to clients.*



### Proficiencies

WVIJDC, USDA Funding Applications  
Cash Flow Statements  
Storm Drainage, various methods  
Pressure and Gravity Sewer Modeling

Years of Service at Cerrone: 23

#### 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

## Key Projects Last 5 Years

### Central Hampshire PSD Water System Improvements \$3,005,000

Water treatment plant expansion for retention and improved high service pumping, preliminary study and funding strategies

### Central Boaz PSD Wastewater System Improvements \$3,000,000

Wastewater treatment plant upgrades, sewer line extension to serve over 80 customers in Central in Wood County, WV

### Claywood Park PSD 2015 Miscellaneous Water System Improvements \$5,000,000

Waterline booster station upgrades, tank repaints, new tank construction, generation, hydraulic improvements

### Pendleton County PSD Seneca Rocks Water Extension \$2,830,000

Waterlines, storage tank and pressure reduction to serve over 80 customers and the National Forest Service

### Mason County PSD Lakin Camp Conley Wastewater System \$7,500,000

New 350,000 GPD continuous feed SBR wastewater treatment plant with UV disinfection, headworks and sludge belt press.

### Village of Quaker City Wastewater Treatment Plant \$4,032,000

New 100,000 GPD wastewater treatment plant, sewer line extensions and transmission line, sewer system rehabilitation.

### Marshall County PSD #2 Water System Improvements Phase I \$2,300,000

New booster station, new tank, system and plant rehabilitation, system mapping, generation, and office building addition.

### Marshall County PSD #2 Water System Improvements Phase II \$1,600,000

Water treatment plant expansion for pressure filtration and backwash retention, line replacement, new booster station

### Claywood Park PSD Newark Sewer System \$6,500,000

New 100,000 GPD wastewater treatment plant, SSES, robotic TV inspection, sewer system and lift station rehabilitation, new sewer lines and lift station.



# Chad Miller

## Project Manager

*Mr. Miller currently serves a lead project manager at Cerrone. He joined the firm in March 2004, starting out learning the ropes as a Resident Project Representative (RPR).*

*In seven years, Mr. Miller worked his way to Project Manager and has become active in all phases of a project, from financial planning to design and construction. He also has mastered WaterCAD modeling for hydraulic systems. Chad provides troubleshooting and field supervision for both water and sewer projects and has become a key client liaison for projects.*



### Proficiencies

WaterCad Vi8 Water System Hydraulics  
RedZone Robotics Sewer TV Inspection  
WVBPH SWAPP Sourcewater Protection  
Plans

Years of Service at Cerrone: 14

### Education:

BS, Business Administration, West Liberty  
University

## Key Projects Last 5 Years

### Source Water Protection Plans

Phase I and Phase II SWPPs for eleven communities in West Virginia in two regional council areas.

### Central Hampshire PSD Water System Improvements

\$3,005,000

Waterline replacements, facility upgrades, waterline extensions, tank refurbishings

### Central Boaz PSD Wastewater System Improvements

\$3,000,000

Sewer line extension to serve over 80 customers in Central in Wood County, WV

### Claywood Park PSD 2015 Miscellaneous Water System Improvements

\$5,000,000

Waterline booster station upgrades, tank repaints, new tank construction, generation, hydraulic improvements

### Mineral Wells PSD Wastewater Improvements

\$6,500,000

SSES, robotic TV inspection, sewer system and lift station rehabilitation

### Mason County PSD Lakin Camp Conley Wastewater System

\$7,500,000

New force main, new lift station, lift station upgrades and sewer system rehabilitation.

### City of Glen Dale Water System Extensions and Improvements

\$1,665,000

Water main upgrades with tie ins, hydroconstant booster station, new water tank.

### Marshall County PSD #2 Water System Improvements Phase I

\$2,300,000

New booster station, new tank, system and plant rehabilitation, system mapping, generation, and office building addition.

### Marshall County PSD #2 Water System Improvements Phase II

\$1,600,000

Line replacement, new booster station

### Claywood Park PSD Newark Sewer System

\$6,500,000

SSES, robotic TV inspection, sewer system and lift station rehabilitation, new sewer lines and lift station.

### Village of Quaker City Wastewater Treatment Plant

\$4,032,000

Sewer line extensions and transmission line, sewer system rehabilitation

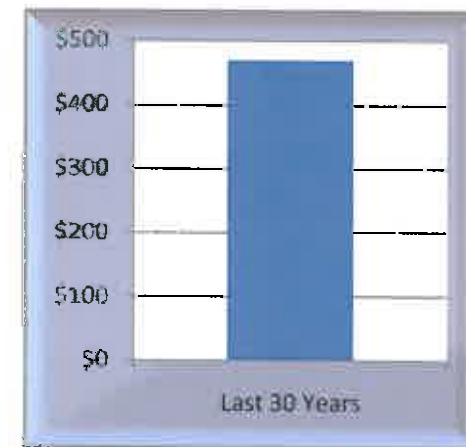


# We've designed West Virginia's future.

Over 2,500 miles of water and sewer lines for over 50 clients over 54 years

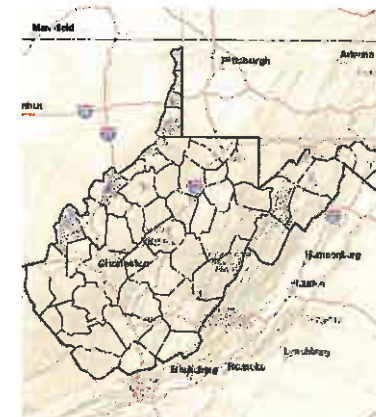
*That's going from Chester to Bluefield and back more than 5 times! Or from West Virginia to the West Coast!*

FEATURED CLIENT	SINCE	# OF CUSTOMERS	MILES OF WATERLINE	MILES OF SEWERLINE
Claywood Park PSD	1976	3,807	184	61
Mason County PSD	1979	5,439	493	13
Marshall County PSD#2	1965	638	12	
Marshall County PSD #4	1970	1,728	131	
Pendleton County PSD	1997	740	54	
Central Hampshire PSD	1977	1,627	58	31
Tyler County PSD	1976	910	118	7
<i>Other PSD's &amp; Towns</i>			1,000	400



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.

Waterlines designed by Cerrone Associates, Inc. in the state over the last 54 years.



You are not hiring a firm. You are hiring people.

## We Have a Following

# Respect

Your reports' successes depend on the engineer's stature and familiarity in the regulatory community in the state. Having the long standing working relationships with statewide and regional regulatory bodies is key for the consultant working on you source water protection plans, resulting in more accurate and more quickly completed reports.

Based on that experience, two regional councils in the state have called on Cerrone to manage their regions' Source Water Protection Plans.

The result was eleven plans that were completed on time, beyond expectations of the regional councils, and for a substantially lower cost than any other fees for the same reports of which they had knowledge.

*The utility of your report relates not only to the experience of the firm that crafts it, but also the firm's working relationship with regulatory agencies.*

Client	Since	Projects
Marshall County PSD 2	1965	Over 5
Marshall County PSD 4	1970	Over 40
Central Hampshire PSD	1977	Over 15
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		12

SWPP Community	Phases	Time to Complete (months)
Hughes River Water	I & II	4, 3
Claywood Park PSD	I	4
City of Keyser	I & II	4, 4
Town of Frankfort	I	4
Town of Mount Storm	I	4
Town of Piedmont	I	4
City of Romney	I	4
Pendleton County PSD Brandywine	I & II	4, 4
Town of Franklin	I & II	4, 4
City of Moorefield	I & II	4, 4
City of Petersburg	I & II	4, 4
Total SWPPs		11

Agency	SWPP Projects in Last 3 Years
Region 8	9
MOVRC	2

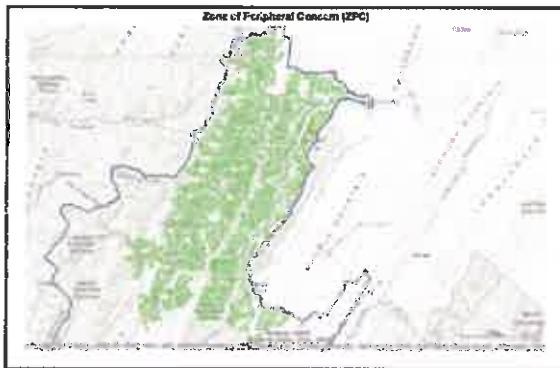
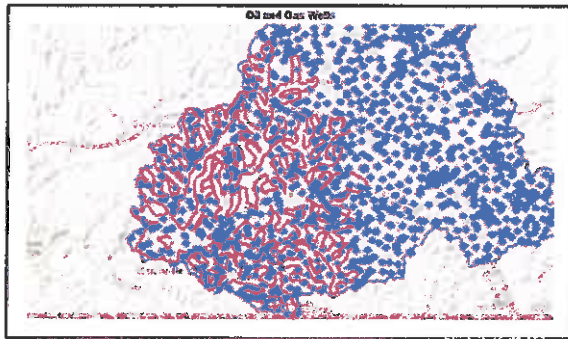


## We Know Whom To Reach Out To

# Working Relationships

It is not only experience that counts, but solid working relationships with the key people that will result in a useful Source Water Protection Plan.

Cerrone has worked extensively with the following individuals to make all of our previous plans a success for each community served.



## References



**Fred Rader**, General Manager  
Mid Ohio Valley Regional Council  
304-422-4998 | fred.rader@movrc.org



**Terry Lively**  
Region 8 Planning & Development Council  
304-257-2448 | lively@region8.org



**Stacey Heavner**  
Region 8 Planning & Development Council  
304-257-2448 | sheavner@region8.org



**Monica Whyte**  
WV Bureau for Public Health  
304-725-9453 | monica.a.whyte@wv.gov



**J. Scott Rodeheaver**  
WV Office for Environmental Services  
304-356-4270

