

The Shumaker Consulting Engineering Team

I. Introduction

Shumaker Consulting Engineering & Land Surveying, P.C., Stearns & Wheeler, LLC, and Brown and Caldwell have created a project team that offers the best value to Oneida County and the Oneida County Sewer District (OCSD) for this project. Together, we bring unparalleled experience in wastewater planning and design, including both Combined Sewer Overflow (CSO) and Sanitary Sewer Overflow (SSO) issues. As a result, the County, OCSD, and the member communities will have access to unmatched local knowledge as well as regional and national expertise in the latest in wastewater system evaluations, treatment processes, and technologies. Members of the SCE Team have worked extensively over time within the local communities and have a full understanding of the local wastewater infrastructure systems.

The additional firms who make up the SCE Team include:

- **Fiscal Advisors and Marketing, Inc.**, the largest independent financial advisory firm in New York State. They join the team to provide the expert financial support necessary to conduct financial capability analyses, project funding/financing coordination, and other financial services as may be required.
- **Paige Marketing Communications Group, Inc.**, a Utica-based public relations firm, joins the team to assist the County, OCSD, and member communities with creating an effective public awareness effort that will ensure the public's understanding of the current wastewater issues and their acceptance of the planning process and its outcome.
- **ADS Environmental Services**, a nationally recognized leader in sanitary sewer collection system analysis, joins the team to provide expertise in the area of sanitary sewer flow monitoring and the analysis of the collected data.

II. Qualifications

a. Shumaker Consulting Engineering & Land Surveying P.C. (SCE)

Since 1956, Shumaker Consulting Engineering & Land Surveying P.C. (SCE) has been providing civil and environmental engineering services to municipalities, public agencies, and private sector clients with cost effective and innovative solutions to their infrastructure and environmental challenges. SCE played a major roll in the inflow/infiltration study and the follow-on sewer system evaluation survey, and resulting capital construction projects conducted in the City of Binghamton in the 1980s.

Through our 50-year history, SCE has been recognized for exceeding clients' expectations by providing attentive personal service, superior technical quality, and adherence to cost and schedule requirements. Our staff prides itself on the expertise and experience that is brought to each and every project assignment.

SCE's Utica office was formed in 2003 based on the strategic initiative to expand beyond its Binghamton headquarters and into additional areas of the state. This was accomplished through the acquisition of the Water and Environmental division of the former MWH (Stetson-Harza) Engineering Company. This acquisition added professionals with extensive infrastructure history and experience within the Greater Utica/Rome area. Today, SCE has offices in Utica, Albany, and Binghamton, New York with over 50 technical staff offering the full range of civil and environmental services.

b. Stearns & Wheler, LLC

Stearns & Wheler has provided a complete range of engineering services to municipal and private clients since 1950. Their success is the result of innovative engineering designs, integrated with sensitivity to economic considerations. Experience within the OCSD service area includes planning and design of the Main Street sanitary sewer reconstruction in Whitesboro and the design of the liquid chlorination system at the Oneida County Water Pollution Control Plant in Utica.

Stearns & Wheler is headquartered in Cazenovia, New York, with regional offices in Amherst and Suffern, New York, as well as additional offices throughout the eastern seaboard. The company has in-house capabilities in water, wastewater, civil, solid waste, environmental, structural, mechanical, and electrical engineering, as well as architecture, environmental sciences, hydrogeology,

and information technology. Stearns & Wheeler has over 220 professionals covering the complete range of technical design disciplines. The staff includes 148 graduate engineers and architects of whom 79 have advanced degrees in their specialty, 74 are registered professionals, and 38 are Board Certified Environmental Engineers of the American Academy of Environmental Engineers.

c. Brown and Caldwell

Brown and Caldwell is a nationally recognized consulting firm with a 60-year history of delivering innovative, economical solutions to environmental challenges. Founded in 1947, the company remains steadfast in its client focus and commitment to delivering customized solutions that efficiently and effectively address every project's unique conditions and specific requirements.

As a full-service engineering and design firm, Brown and Caldwell is ranked 47th among the top 500 engineering firms and ninth among sewerage engineering firms by *Engineering News-Record*. With more than 1,600 employees and a nationwide network of more than 45 offices, it is one of the largest employee-owned consulting firms in the United States. The company has continually broadened its service capabilities in order to better serve its clients' changing needs and have built a nationwide information infrastructure to promote continuous communication with clients and among technical and project management experts.

Brown and Caldwell's engineers, scientists, technicians, operations, construction experts, and communications specialists across the country collaborate on problem solving, share lessons learned, and develop innovative new approaches to traditional work execution methods.

Brown and Caldwell's nationwide infrastructure team provides planning, condition assessment, data management, permitting, public education, design, renovation, and construction services. Our integrated approach to asset management assures that facilities and operations meet regulatory requirements and fulfill community needs, while optimizing financial planning.

Brown and Caldwell will provide services to the OCSD from its Syracuse office with additional specialized technical support

provided when needed from expert staff located in other regional offices.

d. Fiscal Advisors and Marketing, Inc.

Fiscal Advisors & Marketing, Inc. (Fiscal Advisors) is the largest independent financial service firm in New York State. With offices throughout New York, they bring a team oriented approach offering creativity and experience so that the most cost-effective and innovative solutions are employed to benefit its clients.

Fiscal Advisors is not affiliated with any financial institution. Their sole activity is providing independent, quality advice to its clients. Fiscal Advisors is a member of the National Association of Independent Public Finance Advisors (NAIPFA).

Fiscal Advisors long-term commitment is to educate and support local governments in all aspects of financial planning. For this project, they will take a lead role in all financial and funding strategies.

e. Paige Marketing Communications Group

Paige Marketing Communications Group, Inc. (Paige Group), has been providing consulting, planning, and creative services for four decades. Our clients represent a broad range of business-to-business and consumer clients in regional, national, and international markets. The Paige Group has the resources to provide a full range of services and maintains dedicated creative, production, public relations, account planning and management, media, and accounting/administrative departments.

The Paige Group's experience in consumer markets ranges from product and service promotions to public information campaigns, community education and awareness programs, outreach and consensus building with special interest groups, and issues management/crisis communications.

The Paige Group works closely with issue management/crisis communications clients from the beginning of an event or organizational change that may be of a sensitive or challenging nature. Through targeted strategies and tactics, we help ensure

that any issues that may develop are dealt with effectively before they become critical.

The services of the Paige Group are offered to Oneida County and its member communities as a resource to assisting with the management of information and how to best disseminate that information accurately to the public and media.

f. ADS Environmental Services

ADS Environmental Services is one of the largest wastewater service firms in the United States. The firm has unmatched credentials in analyzing the flow characteristics of wastewater conveyance systems which is critical information needed by engineers to assess the causes and work toward solutions to inflow and infiltration problems.

The staff that has been assembled for the proposed Utica County sewer project is an exceptional combination of the leading professionals that includes design engineers, environmentalists, geologists, hydrogeologists, financial analysts, and communication specialists. Our proposed staff has had extensive experience with planning, design, bidding, and construction services for public infrastructure projects.