Attachment 2

Robert A. Holmes, P.E.
Environmental Monitor/Project Manager

PROFESSIONAL QUALIFICATIONS

Mr. Holmes is a Project Manager/Senior Engineer with 19 years experience in solid waste management, environmental assessments, site engineering, stormwater management and design, erosion and sediment control, project management, wetland investigation and construction project oversight, environmental report writing, and maintaining client relationships. Duties have included site layout and stormwater design, spill plans, geosynthetic design, pavement design, environmental permitting, development of geotechnical recommendations, report writing and review. His project management duties have included client communications, project coordination, proposal development, and project oversight. He is familiar New York State and Federal stormwater, spill prevention, solid waste, and mining regulations.

EDUCATION

Master of Science, Civil Engineering, University of Missouri-Rolla, 1999
Bachelor of Science, Civil Engineering, Purdue University, 1993

REGISTRATION/CERTIFICATIONS

Licensed Professional Engineer in New York

Additional Training and Seminars:

- GAI Certification – CQA for geosynthetic materials and clay liners

EXPERIENCE AND BACKGROUND

2009 – Present
Senior Project Manager, Cornerstone Environmental Group, LLC, Rochester, New York

2008 – 2009
Senior Project Manager Hydroqual, Inc., Rochester, New York

1999 – 2008
Project Manager, URS Corporation, Rochester, New York

1994 – 1999
Project Engineer, Midwest Testing, St. Louis, Missouri

Environmental/Stormwater

- Black Brook Relocation, Seneca Falls, New York: Project Manager for construction oversight of 2.5-mile long stream relocation project. Project consisted of over 1 mile of new channel construction in wetland areas, over 1 mile of channel improvements and over 350 acres of wetland enhancement. Responsibilities included management of field staff, design and implementation of design changes, oversight of SWPPP management, wetland permit compliance

management and construction certification.

- Dove Wetland Mitigation, - SWPPP, Seneca Meadows, Inc., Seneca Falls New York: Project Engineer/Manager for implementation of SWPP plan for 419-acre wetland mitigation involving approximately 800,000 cy of earthwork. Coordinated with the NYSDEC on obtaining a waiver for disturbing up to 80-acres at one time. Performed/oversaw SWPPP inspections over 2 year project period. Coordinated a technical staff consisting of earthwork and wetland planting experts to provide the required oversight. Reviewed and prepared daily and weekly reports outlining the completed construction and project compliance.

- Smith Creek Relocation, Ladue, Missouri: Design Engineer for multiple creek bank stabilization projects at Bellerive Country Club in Ladue, MO. Projects included development design and construction documents for creek bank stabilization of 500-foot-long stretch of Smith Creek. Both sides of creek were stabilized with geogrid reinforced 1:1 bank slopes, subsurface drainage, and erosion control using erosion protection mats. Performed oversight on installation of geosynthetics and compacted soil and rock fill.

- Marble River Wind Farm SWPPP, Clinton County, New York: Primary Author and technical lead for development of a Stormwater Pollution Prevention Plan for a wind farm with 110 wind turbine generator sites and over 40 miles of access roads. Project included development of appropriate E&SC details and construction procedures for access roads and turbine sites.

- Renewable Resource Park, Seneca Falls, New York: Project Manager for the site development of a 355-acre industrial park, including grading, roadway and utility work. Tasks included working with the client to develop site plans (conceptual through construction level drawings) completing site approval process with the Town and obtaining the necessary permits and approvals, oversight of the SEQR process, the Stormwater Pollution Prevention Plan (SWPPP) and Erosion & Sediment Control Plan, SPDES permitting, HDD crossing of State Route 414, and development of construction documents.

- Century Center Parking Lot, Buffalo New York: Project Engineer for stormwater management system design for a several acre parking lot in downtown Buffalo. Design consisted of regrading the parking areas to optimize the site drainage, while minimizing the amount of cut/fill required to establish the subgrade. Due to stormwater discharge requirements set forth by the City of Buffalo, below grade, on-site stormwater detention was designed. This detention system consisted of a series of large diameter HDPE pipes that contained stormwater and attenuated discharge from large storm events.

- New York State Electric & Gas, Spill Plans, Various Locations, New York: Provided technical oversight and independent technical review for the preparation

of Spill Prevention Control and Countermeasure (SPCC) plans for over 400 electrical substations in New York. Reports were prepared in accordance with EPA requirements (40 CFR 112) and included recommendations for oil containment, where necessary. Duties included development of report format, report review, and client communication.

- New York State Electric & Gas, Containment Designs, Various Locations, New York: Project Manager for design and preparation of plans and specifications for containment systems at 4 electrical substations. Containment system designs were required for compliance with EPA requirements to contain a potential oil spill from an electrical transformer. Oil spill and stormwater control achieved through use of oil-sensing pumps, containment and redirection berms, sorbent stone, and recharge basins.

- Rochester Gas & Electric, Spill Plans, Various Locations, New York: Provided technical oversight and project management for the preparation of Spill Prevention Control and Countermeasure (SPCC) plans for 13 electrical substations and power facilities in New York. Reports were prepared in accordance with EPA requirements (40 CFR 112) and included recommendations for oil containment, where necessary. Duties included development of report format, report review, and client communication.

- Agrilink Foods, Spill Plans, Various Locations, New York: Project Manager for preparation of Spill Prevention Control and Countermeasure (SPCC) plans for several food processing plants throughout New York. Reports were prepared in accordance with EPA requirements (40 CFR 112) and included recommendations for spill containment, where necessary. Duties included report review, and client communication.

- Central Hudson Gas & Electric Corporation: Project Manager for SPCC report updates at 39 sites for Central Hudson Gas & Electric. The sites consisted primarily of substation sites, but also included large maintenance and storage facilities with over 100,000 gallons of oil. MOSES Software developed by EPRI was used in analyzing potential spill migration. Saranac Power Partners, LP (Co-Generation), Plattsburgh, New York: Project Manager responsible for completing annual updates to the SPCC plan for this co-generation facility that generates electric and steam. Facility consists of the main co-generation building, auxiliary boiler buildings, air cooler condenser, storage tanks, access roads and parking.

- Seneca Foods SWPPP Plans – Multiple Facilities, Western New York: Project Manager for the development of Stormwater Pollution Prevention Plans (SWPPP) under the New York State Multi-Sector Permit for Stormwater Discharges from Industrial Activities at multiple food processing facilities in Western New York. The projects included developing BMP recommendations for stormwater

management associated with industrial runoff and developing and coordinating sector specific sampling recommendations.

- Mine Project SWPPPs – Multiple Sites – Western New York: Provided Stormwater Pollution Prevention Plan development and review for multiple mine sites in western New York. Reports were prepared in accordance with applicable requirements under the New York State General Permit for Stormwater Discharges from Industrial Activity.

Solid Waste

- Seneca Meadows Expansion Permitting, Seneca Falls, New York: Project Manager for the stormwater and geotechnical portions of a landfill expansion design and permitting effort at the Seneca Meadows landfill. Coordinated geotechnical site investigations, and developed appropriate baseliner design that ensured stability and post settlement slope requirements could be achieved. Developed appropriate designs for stormwater management of existing landfill and proposed expansion with a total drainage area of over 600 acres. Project also consisted of the relocation of a local stream, revisions to flood plain mapping, and development of stormwater quantity and quality management designs the met local, state and federal requirements. Coordinated with the client, design team, and regulations to develop appropriate reports and documentation to support the Part 360 permit application for the 186-acre, 6,000 TPD landfill expansion.

- Tire Chip Embankment, Seneca Meadows Landfill, Seneca Falls, New York: Worked with existing landfill client to establish potential uses for waste tire shreds generated at the facility. Developed sampling and testing program for determining initial quality of tire shreds, engineering properties for the shreds based on the physical properties, and test pad program recommendations for determining appropriate installation procedures. Worked with regulators to obtain Beneficial Use Determination and performed stability analyses.

- Biogas Facility – NYSDEC Solid Waste and Air Permitting, Ontario, NY: Project Manager responsible for permitting a BioGas facility that consists of an 850,000 gallon digester using manure and other bio-solids and food wastes to generate methane, which is captured and converted into electricity using 2 on-site generators (230kw each). Coordinated with client to develop a design that met the New York State Part 360 and State Facility Air permitting requirements.

- Synergy Biogas Facility – NYSDEC Solid Waste and Air Facility Permitting, Covington, NY: Project Manager responsible for Solid Waste and Air Permitting for a biogas facility in Covington, New York. The proposed facility will consist of a 2,375,000 gallon digester that will use manure and other organic substrates to generate methane. The facility will combust the methane in two containerized combined heat and power units to produce up to 2,248 kW and 4,550 MBTU per

hour. Duties, included coordinating with project staff as well as client and NYSDEC to obtain appropriate approvals.

- Seneca Meadows One Plan, Seneca Falls, New York: Project Manager in charge of developing an Integrated Contingency Plan (ICP), or One-Plan for the entire landfill facility. The ICP takes several contingency and response plans as required by the EPA and coordinates them into one plan. As part of the ICP, the 40 CRF 112 requirements (i.e., SPCC plan) were incorporated into the ICP. The landfill facility maintains a large number of transformers, fleet fueling tanks, and oil storage tanks for maintenance.

- Hudson Baylor, Materials Recovery Facility, Beacon, NY: Project Manager for the site/civil/geotechnical aspects of the project. Project included the redevelopment of on old concrete batch plant site to include construction of a new 65,000-square-foot single-stream material recovery facility and associated site improvements. The design included several; infiltration basins to manage stormwater at the site. Managed and coordinated professional staff responsible for developing project plans and obtaining local and state approvals. Attended public meetings during the site approval process for the project.

- Stormwater Management, Seneca Meadows, Landfill, Seneca Falls, New York: Primary Engineering Consultant for stormwater management at one of the largest landfills in the Northeastern, United States since 1999. Developed, managed, and performed engineering on a wide variety of stormwater management design and construction projects including, new landfill cells, closure of a hazardous waste cell, a major facility expansion, large conveyance structures, and design/permitting for Tire Chip, Scale and Mining Facilities.

- Seneca Meadows Landfill SWPPP, Seneca Falls, New York: Project Manager for the development of a Stormwater Pollution Prevention Plan (SWPPP) and Erosion & Sediment Control Plan under the New York State Multi-Sector Permit for Stormwater Discharges from Industrial Activities at the Seneca Meadows Landfill. The landfill facility covers an area of approximately 600 acres and permits are in place for operation until the year 2021. The project included developing and coordinating sector specific sampling recommendations for multiple drainage areas, and multiple industrial uses within the facility (Landfill, Mining, Auto Maintenance), coordination of sampling activities, and oversight of weekly inspections.

PROFESSIONAL AFFILIATIONS

American Society of Civil Engineers

PUBLICATIONS

"Jet Grout Stabilization of Berms on Soft Ground", Robert A. Holmes, P.E., et al.

Ian F. Kuchman, E.I.T.
Environmental Monitor

PROFESSIONAL QUALIFICATIONS

Mr. Kuchman is a civil and environmental engineer with more than four years of professional experience in wetland construction oversight, site engineering, stormwater management and design, erosion and sediment control, solid waste management environmental report writing, and sustaining client relationships.

EDUCATION

Bachelor of Science, Civil/Environmental Engineering, Clarkson University, 2008

REGISTRATION/CERTIFICATIONS

Engineer-In-Training – New York
Certified NYS Erosion & Sediment Control Inspector
OSHA Hazardous Waste Operations and Emergency Response Certification

ADDITIONAL TRAINING

Wetland ID: Wetlands & Their Borders/USCOE Wetland Delineation Manual
Stream Investigation, Stabilization & Design

EXPERIENCE AND BACKGROUND

2009 – Present
Project Engineer, Cornerstone Environmental Group, LLC, Rochester, New York

2008 – 2009
Civil Engineer, HydroQual Environmental Engineers & Scientists, PC, Rochester, New York

2007
Intern, Schultz Associates, Rochester, New York

Environmental/Stormwater

- Dove Wetland Mitigation, Seneca Meadows, Inc., Seneca Falls New York: Project Engineer responsible for the CQA program and the Stormwater Pollution Prevention Plan (SWPPP) inspections during the construction of a 419-acre wetland mitigation project. The project consisted of the excavation and placement of over 600,000 cubic yards of fill material, and was supplemented by the appropriate planting of various wetland community types to create or enhance 419 acres of wetlands. Duties of project CQA were to provide the required oversight for a technical staff consisting of earthwork and wetland planting experts, and document the permitted activity and verification of project compliance with the construction documents of the NYSDEC and US Corps of Engineers Permits within daily and weekly reports.

- Seneca Meadows Landfill Industrial SWPPP Inspection, Seneca Falls, New York: Responsible for the Industrial Stormwater Pollution Prevention Plan (SWPPP) Inspection and Erosion & Sediment Control Plan under the New York State Multi-Sector Permit for Stormwater Discharges from Industrial Activities at the Seneca Meadows Landfill. The landfill facility covers an area of approximately 600 acres and permits are in place for operation until the year 2021.

- Black Brook Natural Channel, Seneca Meadows, Inc., Seneca Falls, New York: Project Engineer responsible for the CQA program and the Stormwater Pollution Prevention Plan (SWPPP) inspections during construction of the realigned Black Brook. The project realigned Black Brook to facilitate permitted landfill expansion, and to enhance wetlands to the north of the site. Duties of project CQA were to provide the required oversight for a technical staff consisting of earthwork and wetland planting experts, and document the permitted activity and verification of project compliance with the construction documents of the NYSDEC and US Corps of Engineers Permits within daily and weekly reports.

Site/Civil

- Crestwood Lake, Westchester County, New York: Project Engineer responsible for performing hydrologic and hydraulic modeling calculations at the downstream point of Crestwood Lake. The objective of the project was to minimize downstream flooding impacts by the implementation of a conceptual dam or spillway structure. The watershed determined for the analysis was on the order of 22 square miles and was confined within the limits of Westchester County.

- Hudson-Baylor Material Recovery Facility – Drainage Report and Stormwater Pollution Prevention Plan, Beacon, NY: Project Engineer responsible for the development and design of post-development drainage features, and the erosion and sediment control features during construction. A Drainage Report/Stormwater Pollution Prevention Plan, Specifications, and Drawing Set were submitted to the City Planning Board.

- Meadow View Surface Mine, Waterloo, New York: Project Engineer involved in the development a Mined land Use Plan (MLUP), and Stormwater Pollution Prevention Plan (SWPPP) for a proposed mining project. The above documents included hydrologic analysis, preparation of a site grading plan, preparation of a reclamation plan, and an environmental settings analysis. Prepared MLUP permit application for submittal to NYSDEC in accordance with 6 NYCRR.

- Seneca Meadows Expansion – Stormwater Pollution Prevention Plan Update, Seneca Falls, New York: Project Engineer responsible for updating the Stormwater Pollution Prevention Plan (SWPPP) for Seneca Meadows Landfill Expansion. Due to modification in expansion planning and the presentation of additional detail, revisions to the site's SWPPP were required. Updates to the SWPPP were complementary to the requirements of the New York State Department of Environmental Conservation SPDES Multi-Sector Permit for Stormwater Discharges Associated with Industrial Activity (GP-0-06-002).

- Seneca Meadows Tire Facility Relocation – Waterline Relocation, Seneca Falls, NY: Project Engineer responsible for calculations and analyses associated with utilizing an existing waterline to provide a water supply to the relocated Tire Facility. Calculations were performed to determine pipe sizes, head loss, water demand, and fire hydrant requirements.

Solid Waste

- Clark-Floyd Landfill – Expansion Permitting Assistance, Clarkville, Indiana: Project Engineer responsible for the field work associated with the Rotosonic Drilling Program and the coordination of the contracted drilling crew with the said program. In order to permit a landfill expansion at this site, the construction of an impermeable slurry wall around the circumference of the existing landfill was required. Therefore, a subsurface investigation was necessary for geotechnical analysis, and to identify the potential presence of groundwater flow.

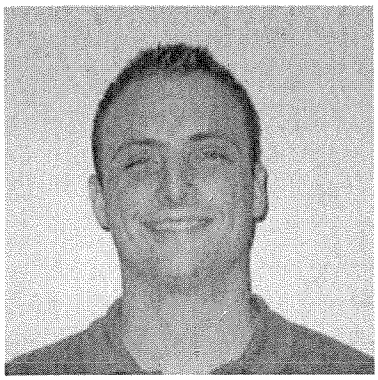
- Development Authority of the North Country (DANC), Solid Waste Management Facility – Stormwater Improvement Project, Rodman, NY. Project Engineer responsible for providing a suite of stormwater improvement recommendations based on cost and effectiveness. Based on historic excursions with NYSDEC discharge limits for total suspended solids, DANC acquired Cornerstone to provide a list of recommendations that would improve stormwater quality prior to discharge. Recommendations focused on creating increased runoff storage and residence time.

- Montgomery Otsego Schoharie Solid Waste Management Authority (MOSA) – Annual Engineers Report, Howes Cave, NY. Project Engineer responsible for providing assistance in the post closure evaluation of each of the three (3) landfills, and in preparation of the Annual Engineer's Report (AER). The intent of the AER was to identify post closure expenses associated with monitoring, maintenance, and repair of the closed landfill which were anticipated for the following calendar year.

- Synergy Biogas Facility – NYSDEC Solid Waste and Air Facility Permitting, Covington, NY: Project Engineer responsible for Solid Waste and Air Permitting for a biogas facility in Covington, New York. The proposed facility will consist of a 2,375,000 gallon digester that will use manure and other organic substrates to generate methane. The facility's primary intention is to combust the methane in two containerized combined heat and power units to produce up to 2,248 kW and 4,550 MBTU per hour. Duties of project included working with client and NYSDEC Solid Waste and Air staff to develop the appropriate permit documentation for the proposed facility. Air emission calculations were performed to best model the combustion of biogas in the internal combustion engines and the bypass flare.

William D. Hill, III

Project Engineer



Talented, resourceful and dedicated professional, who is hard working, reliable and maintains a positive attitude and has hands-on experience in construction, civil engineering and project planning. Creative and enthusiastic, with proven success in building and managing relationships with co-workers, team members, management, customers and the general public. Excellent research and problem-solving abilities to accommodate various situations. Knowledge of design, environment, community and material acquisition. Assertive, decisive and committed to professional growth and opportunity. Representative project experience includes:

Millennium Pipeline, LLC
Provided engineering support to a comprehensive review of Millennium's transmission asset records to either ensure pipeline integrity or identifying any gaps that are in record retention. Working with the client, recommendations were formulated to remediate integrity gaps through sound engineering and/or industry accepted practices and procedures.

National Grid, Transmission Records Audit
Performs records review of National Grid's gas transmission assets to validate maximum allowable operating pressure (MAOP) in conformance with State and Federal regulations. Reviews mill test reports, hydrostatic pressure tests, non-destructive testing results to ensure pipeline integrity.

National Grid, Class Location Study
Updated National's Grid Geospatial Information System (GIS) database to reflect recent class location grouping changes. Developed specific GIS programming to support study. Assisted with Annual Department of Transportation (DOT) reporting

New England Gas
Relocation of gas distribution facilities for rebuilding Interstate 195 in Fall River Mass. Engineering and design for New England Gas

Vermont Gas Systems
Primarily engineering for Ticonderoga pipeline expansion

Education

BS, Civil and Structural Engineering, UNIVERSITY AT BUFFALO, Buffalo, NY, May, 2010

Professional License

NY (Pending)

Certified Welding Inspector

Prior CHA Experience

R.L. Spencer, Inc., Syracuse, NY
Analyzed blueprints, specifications, and other design documents to estimate and construct retail facilities and special construction projects for this General Contractor/Construction Management firm. Provided project management and administration in bidding/procurement, construction, and project closeout.

- Provided $1.2 million in remediation services to the Home Depot in Binghamton, NY. Served as Project Manager under guidance of executive team. Developed a cost control system, coordinated with subcontractors to review scope of work, obtained proposals, and awarded contracts. Supervised performance to ensure contractual requirements and costs
- Assisted the estimating team with over $50 million in awarded contracts throughout the Northeast area. Obtained contractor bid quotations and qualified them to ensure scope of work accuracy. Completed and submitted final bid forms to client.

CHA

- Attended pre-bid meetings, submitted request for information (RFIs), and coordinated with key subcontractors and vendors.
- As project manager, successfully delivered new build, renovation, and maintenance construction projects on time and budget.

Parish Iron Works Inc., Syracuse, NY
Prepared estimates and proposals for structural steel contracts including the awarded $1.8 million Binghamton University Center of Excellence Expansion Project.

- Detailed steel structures as per project plans and specifications. Provided erection and fabrication drawings for the APW High School gymnasium and classroom addition in Parish, NY.
- Expedited material either furnished in-house or by supplier.
- Scheduled and coordinated construction activities, and facilitated project administration.
- Tracked project costs and managed document control
- Completed Tekla Structures (3D modeling software) certification, the five-day structural steel design and detailing course covering the entire design process from conceptual design to detailing and fabrication.

CME Associates Inc., Syracuse, NY

Performed testing and special inspections at multiple construction sites in New York for this multi-disciplined engineering technology corporation. Provided construction materials evaluation and technical support services to owners/professionals engaged in design, construction and maintenance of buildings and infrastructure.

- Prepared construction material evaluation and special inspections at major universities in NY including Syracuse and Colgate College
- Trained in welding inspection, soil proctors, subsurface exploration, and concrete cylinder testing
- Referenced contract documents and job code specifications for weld quality, concrete compressive strength, soil compaction requirements when documenting contractor performance and quality
- Supervised contractors for quality of work and adherence to specifications.

Century Heating & Air Conditioning, Syracuse, NY
Installed duct work, heat pumps, roof-top curbs and other supportive framework and components for this mechanical contractor. Performed quantity take-offs from the field and ordered materials as needed.

- Coordinated mechanical installations at the 92,000 square foot Upstate Bone and Joint Medical Center in Syracuse, NY

Rich & Gardner Construction Company, Syracuse, NY

- Facilitated the construction of large-scale renovation and commercial projects, as a supervisor for this General Contractor. Worked from shop drawing and blueprints. Operated heavy equipment and tools.
- Ordered materials for some projects – transporting them from shops or vendors