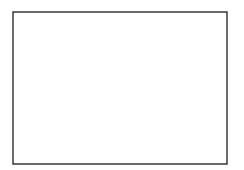






Winter Environmental 3350 Green Pointe Parkway Suite 200 Peachtree Corners, GA 30092 www.winter-environmental.com (404) 588 - 3300





### ABOUT THE WINTER COMPANIES

WINTER ENVIRONMENTAL is a division of The Winter Construction Company. The Winter Construction Company was founded in 1964 and has two operating units: Winter Construction and Winter Environmental. Winter Construction has been providing general contracting and construction services on projects ranging from \$50,000 to \$100,000,000 throughout the southeast and mid-Atlantic United States. The primary markets for Winter Construction are: hospitality; government; K-12 and higher education; retail; multi-family; and commercial building spaces.

Winter Environmental provides asbestos, lead, and mold abatement, property rehabilitation, hazardous waste remediation, industrial decontamination and dismantling, nuclear decontamination and decommissioning, emergency and disaster response and other clean-up and site control services. In response to the need of our clients, we have expanded our services ot include COVID-19 disinfecting services in March 2020. Our professionals are skilled, dedicated individuals who continually set higher standards of performance for the company and strive to stay abreast of industry construction, technological and regulatory trends.

### NATIONALLY RECOGNIZED

This excellence has been recognized time and again in Engineering News Record (ENR), who identified Winter Environmental as one of the Top 200 Environmental Firms and one of the Top 20 Asbestos Abatement Contractors in the nation.

Through its services, **Winter Environmental** has successfully completed more than 4,500 environmental projects for clients in a diverse spectrum of critical and complex industries demanding work that is second to none.





# **LOCATIONS**

# **SERVICE**

# Winter Environmental 3350 Green Pointe Pkwy Suite 200

Peachtree Corners, GA 30092

### **Winter Construction**

5616 Peachtree Rd Suite 100 Atlanta, GA 30341





Since 1987, Winter Environmental has offered full-service, self-performed environmental services including asbestos, lead, and mold abatement; property rehabilitation; hazardous waste remediation; and other cleanup and facility decontamination and disinfecting services. Additionally, we are the largest Georgia-based asbestos abatement firm with successful completion of more than 4,000 environmental projects, as well as numerous disaster response projects. Our clients represent virtually every environmentally regulated business sector including:

- Utility Fossil Plants
- Nuclear plants and Facilities
- Banks and Institutional Lenders
- Chemical Manufacturing and Industrial Facilities
- K-12 and Higher Education
- Engineering/ EPC Firms
- Commercial Real Estate Owners and Developers
- General Contractors/Construction Managers
- National Demolition Contractors
- Healthcare Facilities
- Law Firms
- Municipal, State and Law Governments
- United States Department of Defense
- United States Department of Energy







It's simple. **Winter Environmental** will get the job done by implementing more than three decades of proven, award- winning contracting capability, knowledge, experience, resources and service that is second to none in the industry. We don't just say we can do it, we show we can do it, and have done so through thousands of highly successful projects, resulting in hundreds of satisfied clients for more than 30 years. In addition, all our projects are completed quickly, cost-effectively and safely, with a determined focus on client service. In fact, the majority of our clients are repeat clients. And here is why...

### **EXPERIENCE**

**Winter Environmental** is managed by a highly knowledgeable, experienced and stable team of executives and senior project managers. Our top four executive officers alone have over 145 years of cumulative experience in the environmental services industry. The average length of industry experience among our project managers and superintendents is 26 years and 24 years, respectively, and their average length of service with **Winter Environmental** is over 15 years.

### FINANCIAL STRENGTH, INSURANCE & BONDING

If you are looking for the highest level of assurity that the partner you choose to complete your project is strong in foundation, reliable, and is backed by more-than-adequate financial resources that will greatly reduce risk and help give peace of mind, you won't find anyone that fits the bill more than **Winter**Environmental.

**Winter Environmental**delivers stability and security through the long steadfast financial resources of **The WinterConstruction Company**, an ENR Top 400 Contractor that has been in business since 1964. This means peace of mind for our clients as we can handle the highest of work loads with ease and we will be around long after the job is done.

Our overall insurance program includes \$25,000,000 in general liability coverage and \$10,000,000 in pollution liability coverage and coverages that protect us and our clients from frivolous claims for virus exposures. Our bonding capacity is in excess of \$300,000,000. These metrics are as strong as can be found in the environmental industry, and serve as another reason you can trust putting your confidence in us.

### **SELF-PERFORMANCE**

**Winter Environmental** self-performs virtually all work on site. The services we typically subcontract include scaffolding, hauling, certain proprietary technologies and certain specialty trades or technical expertise, if needed. This high level of self-performance allows us to assure lower costs, a safer work site, higher quality control, faster completion times and better adaptability to unexpected circumstances.







### **LOGISTICS**

Rather than incur and convey the costs of satellite offices, **Winter Environmental** serves its clients from one operations center in Atlanta, Georgia. Here, we can more efficiently coordinate resources and focus on efficiently delivering project teams and equipment to any place in our market. Early on, we chose to invest our capital in achieving the most efficient logistical project support capabilities. We do this by:

- Employing the latest in equipment tracking technologies
  - 1. Barcode systems
  - 2. GPS equipment tracking
  - 3. Specialized inventory control and reconciliation systems
- Logistics management
- Employee training and certification system

### **SUSTAINABILITY**

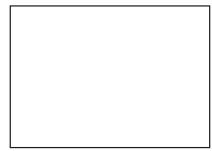
Cleaning up contaminated sites and structures is inherently a sustainable practice. However, **Winter Environmental** goes a step further. Wherever feasible, we look for opportunities on our projects to:

- Reuse/recycle deconstruction and demolition materials
- Consider future site use and reuse existing infrastructure where possible
- Use environmentally efficient processes, such as clean diesel equipment
- Reduce generation of GHG emissions by using clean fuels and recycled industrial materials

Our project managers and staff are committed to helping our clients show regulatory agencies and the public that they care about energy and resource conservation even when cleaning up properties. In addition, our environmental remediation professionals are dedicated to staying current on any and all news on regulations and practices that might affect a project or job site. In fact, Winter Environmental's professionals have often been featured in and contributed to editorial content in the industry's most respected and relied upon publications.







### **GEOGRAPHIC COVERAGE**

**Winter Environmental** has delivered competitively priced services across more than 21 states, with the predominant number of projects performed in the Southeast, Midwest, and Mid-Atlantic regions of the United States. Licensed as an environmental contractor in 21 states, **Winter Environmental** has the capability and resources to handle projects in many states east of the Mississippi River.

### **OPEN SHOP STATUS**

Winter Environmental operates as an open-shop contractor. We are not signatory to national organized labor agreements (NLA's). However, we routinely execute Project-specific Labor Agreements (PLA's) and Construction Labor Agreements (CLA's) for private, industrial, and government contracts, when required. We are also experienced in federally-funded project requirements where compliance with the Service Contract Act and/or the Davis-Bacon Act are contractually required and we have the necessary accounting, payroll, and administrative systems in place to adhere to project-specific mandates, audits and compliance.

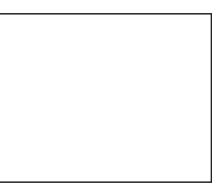
### **OWNERSHIP & CONTROL**

Winter Construction is owned by five senior, full-time executives, two of whom, Brad Reid, and Jim Graham, are the managing principals of Winter Environmental. Thus, Winter Environmental's leadership and its more than 72 years of industry-specific experience has near autonomous control over its policies, practices and investments in quality, safety and client satisfaction. If Winter Environmental makes a commitment, our principals have the authority to do whatever it takes within the bounds of legality and reason to meet it.

## **COMPANY STAFFING**

Winter Environmental employs on average more than 150 environmental professionals and craft laborers. Our project teams are comprised of licensed and certified engineers, scientists, superintendents and equipment operators and technicians who have extensive training and experience in health and safety protection, environmental regulations, waste handling, chemical decontamination, soil and groundwater treatment, abatement and decontamination procedures, general demolition, construction and earth moving operations.







# **KEY PERSONNEL MANAGING**

### **PRINCIPALS**

James A. Graham, EVP/Principal Brad D. Reid, P.E., EVP/Principal

### **SENIOR STAFF & PROJECT MANAGERS**

Bucky Thompson, VP, Remediation Tim Egan, VP, Principal Project Manager Charles Barth, Senior Project Manager Ralph Leptrone, Senior Project Manager Don Bohensky, Senior Estimator Jason Hibbard, Project Manager Andrew Holtzapfel, Project Manager

### **SENIOR SUPPORT PERSONNEL**

Roger Flores, General Superintendent Tim Thomas, VP Risk Management Jeff Barber, Safety Officer Scott Livengood, Logistics Manager

The individuals listed above represent an average of 26 years of experience in their fields, and an average tenure at **Winter Environmental** of over 16 years.

### **CULTURE**

Client service, integrity and respect are part of our company's culture, not just a requirement in our company handbook. The core values of **The Winter Construction Company** and **Winter Environmental** are:

### **INTEGRITY**

We do the right thing every day.

### **TEAMWORK**

We work together to achieve outstanding results.

### **CLIENTS**

We provide quality service to our clients.

### **PEOPLE**

We value and respect people with, and for whom, we work.







### **CULTURE**

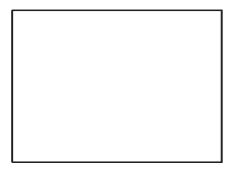
Each new member of our staff is selected not only on the basis of his or her technical qualifications, but also on his or her aptitude for teamwork, interpersonal communication and professional leadership. For over 20 years, **WinterEnvironmental** has used intensive pre-employment screening methods, with the assistance of an occupational psychologist, to select individuals with these traits. As a result, we have become a team of industrial professionals that possesses consistently strong communications skills, a heightened and flexible sensitivity to client needs, and an obsession with delivering precisely the product our clients request. At **Winter Environmental**, completing projects and creating partnerships with the highest level of client service is our mission and such a mission is only achieved when our clients are satisfied with all phases of their project, both at the moment of completion and for as long as the site is operational.

### **SAFETY**

No project can be called successful if safety is compromised. Safety is paramount both in our industry and in the philosophy, policies, and practices of **WinterEnvironmental**. Our policies and procedures are monitored and managed with a goal of continually improving worker safety and loss prevention. The proof is in the numbers.

Winter Environmental's deeply entrenched safety culture is led and managed by the company's Vice President of Risk Management, Tim Thomas, and is implemented by a staff of full time superintendents and inspectors. The program encompasses extensive and ongoing training, inspections, incentives and swift, decisive corrective measures in all applicable areas of OSHA compliance. All superintendents, foremen, operators and craft laborers are required by company policy to be competent in every aspect of their work, including excavation, scaffolding, fall protection, hot work and confined-space-entry. A well-entrenched culture of zero accidents at Winter Environmental has produced one of the best safety records in our industry, with an EMR of 0.74 and a five year average of 0.75; Winter Environmental has recorded zero lost time injuries in the last five years.

WinterEnvironmental's placing safety as paramount above all other aspects of the job has resulted in national recognition and accolades, including receiving the industry's coveted STEP (Safety Training and Evaluation Process) award. STEP is a merit-based safety recognition program designed to promote an organized approach for analyzing and developing safety and loss prevention programs nationwide. Established in 1989 by the ABC National Environment and Health & Safety Committee, the STEP program was developed and written by contractors for contractors. In addition to the STEP awards, Winter Environmental is recognized annually by other safety-minded esteemed organizations including the Georgia Department of Labor and the National Demolition Association (NDA), being recognized in 2014 and 2015 with the NDA's Environmental Excellence Award.



# SAFETY & BONDING

**EXPERIENCE** 

**MODIFICATION RATINGS** 

2020: 0.76 2017: 0.87 2019: 0.74 2016: 0.75 2018: 0.87 2015: 0.70

**BONDING CAPACITY** 

\$100 MM Per Project \$300 MM Aggregate

**BONDING REFERENCES AGENT:** 

Gerard Macholz

Everest National Insurance Company 461 5th Avenue New York, New York 10017

(516)-414-8904 CLASSIFICATION:

Small Business <750 Employees

THIRD PARTY SAFETY

PROGRAM: BROWZ: 22ac2 AVETTA: 15570

**PEC: 26590** 

ISNetworld: 400-1534 79

INSURANCE REFERENCES

AGENT:

Alan Bressler Greyling Insurance Brokerage 3780 Mansell Road, Suite 370 Alpharetta, GA 30022 (770)-670-5322

**INSURER:** 

Zurich Insurance Group 3003 Summit Boulevard Suite 1800 Atlanta, Georgia 30319

**CAGE CODE:** 

1X590

**D&B NUMBER:** 

09-176-3417

TAX IDNUMBER:

58-1339100

PRIMARY NAICS CODE:

562910, 238910

**CONTACT:** 

Jim Graham, Principal Direct: (404) 965 - 2319 Mobile: (678) 358 - 5180

jgraham@winter-environmental.com

**Bucky Thompson** 

Vice President of Remediation Services

Direct: (404) 588 - 3300 Mobile: (404) 210 - 2859

Bthompson@winter-environmental.com

### WHERE WE WORK:

Winter Environmental has delivered competitively-priced services across much of the eastern and southern United States, with the predominant number of our projects being performed in the Southeast and Mid-Atlantic.



Prepared January 14, 2021

Winter	2020	2019	2018	2017	2016
Total Hours Worked	499,730	534,787	718,844	631,188	714,991
EMR	0.76	0.74	0.87	0.87	0.75
Incidence Rate (I.R.)	0	0	0.56	0.63	0.28
DAW Case Rate	0	0	0	0	0
Days Away From Work	0	0	0	0	0
Restricted Duty Cases	0	0	0	0	0
Medical Only Cases	0	0	2	2	1
DAW Cases	0	0	0	0	0
Fatalities	0	0	0	0	0
Total Recordable Injuries	0	0	2	2	1
1st Aid Cases	1	3	2	6	3
DART	0	0	0	0	0





Winter Environmental 3350 Green Pointe Parkway Suite 200 Peachtree Corners, GA 30092 www.winter-environmental.com ( 404) 588 - 3300



# **RECOGNITION**



ENR 2020 "Top 15 Environmental Contractor"
ENR 2017 & 2019 "Top 400 Contractors"
ENR 2014-2017, 2019 "Top 20 Abatement Contractors"
ENR 2015-2016 "Top 200 Environmental Contractors"
ENR 2014 "Top Specialty Contractor"



Associated Builders & Contractors of Georgia 2020 Platinum STEP Award Associated Builders & Contractors of Georgia 2020 Award of Safety Excellence Associated Builders & Contractors of Georgia 2016 Award of Safety Excellence Associated Builders & Contractors of Georgia 2016 Platinum STEP Award Associated Builders & Contractors of Georgia 2014 Platinum STEP Award Associated Builders & Contractors of Georgia 2009 Platinum STEP Award Associated Builders & Contractors of Georgia 2013 Gold STEP Award Associated Builders & Contractors of Georgia 2013 Award of Safety Excellence



Zurich "Best in Class"



Georgia Department of Labor Award of Excellence for Exceptional Workplace Safety Platinum Level STEP (Safety Training Evaluation Program) Award Georgia Award of Safety Excellence



National DemolitionAssociation 2015 Environmental Excellence Award National Demolition Association 2014 Environmental Excellence Award





2016 Healthiest Employers, Atlanta Business Chronicle 2015 #3 Medium Companies Healthiest Employers, Atlanta Business Chronicle

2015 #1 Small Companies Best Places to Work, Atlanta Business Chronicle

2014 Best Places to Work, Atlanta Business Chronicle v.1.01.21









# RELATED PROJECT EXPERIENCE







### What We Are Doing...

- Asbestos Abatement
- Lead Paint Abatement
- Waste Management
   Projected Project Value:

\$20.7 Million

Total Projected
Performance Period:

1,100 Days

Self-Performed: 100%

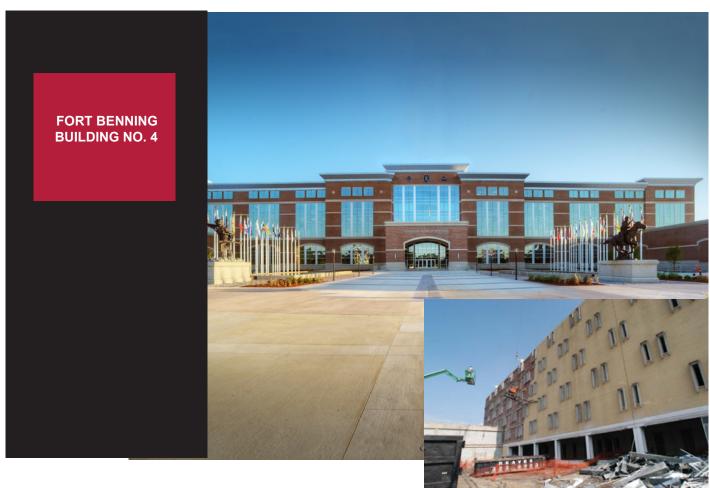
Projected Man Hours:

190,000

**Total sf Under Roof:** 

380,000 sf

Under contract with the United States Army Corps of Engineers (USACE) Savannah District, New South Construction was awarded a contract for the fire/life/safety upgrades to Building 125 at Robbins Air Force Base in Georgia. Winter Environmental is currently under contract to New South Construction to provide lead paint abatement of the structural steel and removal of the corrugated metal barrel roof Galbestos panels and corrugated side wall Galbestos panels in Docks 1, 4, 3, and the High Bay and Low Bay areas of Building 125. Building 125 is a large aircraft hangar constructed in the early 1940's. It is an AMXG Facility consisting of four large Docks (hangars) used for the Programmed Depot Maintenance and overhaul of C-5 cargo aircraft. Also included was the cleaning of surfaces in Docks 1,4 and 3 to remove settled dust that contained cadmium, hexavalent chromium and lead. Work included the blasting, using a multi-media aggregate, to remove paint down to the white metal. Each phase of the work required the construction of critical barriers to isolate the work environment. After the critical barrier areas were constructed, the work areas, up to 2,000,000 cf in size, were placed under HEPA filtration. These systems operated 27/7 while under containment. Dock 1 was completed in 2016 and Dock 4 was completed July 2017. Dock 3 was completed in July 2018. The High Bay, an area of 80,000 sf, was completed in April 2019. The Low Bay portion of the building is approximately 110,000 sf. Work starts in September 2019 and will complete in two phases by November 2021. A total of 130,000 man hours will be invested in this project with 25 workers and zero recordable incidents to date. This structure is on the National Historic Registry.



- Abatement of 539,600 sf interior floor space
- Exterior demolition and removal of 169, 200 sf brick
- Abatement of 338,000 sf asbestos-containing materials (ACM's)

Project Value: \$4,605,252 Performance Period: 390 Days Number of workers: 26

Man hours: 13,520 Self-performed: 100% Winter Environmental provided demolition and abatement services at Fort Benning's Building No. 4, Maneuver Center of Excellence. As part of the Army's Base Realignment and Closure (BRAC) plan, the project was designated as the U.S. Army Corps of Engineers (USACE) Savannah District's largest renovation project, outside of new MILCON consruction projects, with a total value of \$168MM. The abatement and demolition scope of the project included asbestos and lead paint abatement, as well as interior and exterior demolition.

Approximately 539,600 sf of interior floor space and 169,200 sf of exterior brick was removed and demolished, and over 338,000 sf of asbestos containing materials were abated.

The project also required **Winter Environmental** to dismantle and recycle all mechanical, electrical and plumbing systems, six elevator systems and cars, and, all air handlers for the building. Included in the mechanical/ electrical/plumbing systems was a 5,000 sf, multi-story mechanical room containing over 8,000 sf of mechanical duct work. **Winter Environmental** completely dismantled the mechancial room, including chilled water systems and boilers.

Recycling efforts exceeded the project goal of 75 percent and **Winter Environmental** was able to recycle a total of 85 percent of the demolition debris. Recycled debris included glass, brick, masonry, 542 tons of Ferrous and Non-Ferrous metals and 10,093 tons of concrete.

The facilty was dedicated on September 23, 2011, and named after Medal of Honor recipients Spc. Ross McGinnis and Cpl. Jerry Wickham.



### What We Are Doing...

Asbestos abatement

Lead paint abatement

**Project Value:** \$5,213,000

Performance Period: On-

going

Self-performed: 100%

Winter Environmental was contracted by NASA to provide asbestos abatement and demolition services at one of the most unique and expansive places in the United States - the John F. Kennedy Space Center in Florida. The project, which involved removing more than 411,000-sf of material, required detailed and consistent coordination with the owner and their other subcontractors to complete the project in a timely manner and per the specifications.

Asbestos abatement prior to demolition Asbestos abatement on each floor was provided under full containment by installing plastic sheeting on all walls and floors, erection of personnel and equipment decontamination chambers at the egress to all of our work areas, and the installation and operation of 2,000 CFM air filtration devices in order to provide a negative air containment. All HEPA filtered, negative air was vented out of the building. The asbestos containing materials that were abated included the removal of pipe and duct insulation, and floor tile and mastic.

In total, materials removed included: sheetrock with joint compound-185,429-sf; built up roofing-41,975-sf, 6,831-sf Transite panels; 53,500-sf of floor tile & mastic; 56,368-sf of duct insulation; and, 63,290-sf of concrete expansion joints.



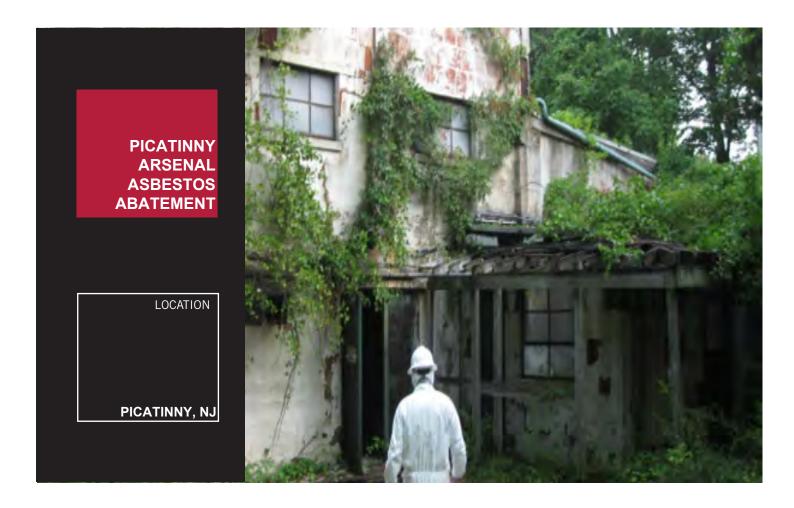
- Asbestos abatement
- · Soil remediation
- Hazardous materials abatement
- Decontamination

Project Value: \$14,000,000
Performance Period: On-going

Man hours: 99,847+ Self-performed: 100%

Winter Environmental is currently performing asbestos and hazardous materials abatement, decontamination and dismantling as part of an on-call contract with Lockheed Martin Aeronautics, Air Force Plant 6, Marietta, Georgia. Winter Environmental has been performing these services under an exclusive, on-call agreement since 2011. To date, project scopes have included the abatement of 200,000 sf of asbestos-containing materials (ACMs); 50,000 sf mold-containing material; and 40,000 sf of lead-containing materials. Approximately 30,000 lf of flight line striping has been performed, as well as 2,000,000 sf of materials removed via select interior demolition and dismantling. We have also performed the execution, transportation, and disposal of thousands of tons of soil impacted with numerous, regulated contaminants, along with site restoration.

Challenges involved with the execution of this project included working at elevated heights and ensuring that all work is performed without disruption to plant activities at the occupied facility. Detailed coordination with LMCO is essential to ensure that all safety and foreign object degree (FOD) standards are achieved in accordance with LMCO and Air Force policies. Certain task orders also require the execution of work on second and/or third shifts, and weekends and/or holidays to minimize impact on Lockheed's mission-critical production activities. This on-going project has been 100% self-performed with no recordable on-site incidents and a current project value of \$6MM.



- 110,000-sf cement asbestos panel
- 15,000-sf lead sheeting
- 22,000-sf drywall and plaster
- 26,000-sf thermal systems inulation

**Project Value:** \$2,200,000

**Performance Period: 115** 

days

Man Hours: 21,231

Self-performed: 100%

As a subcontractor to Gilbane, **Winter Environmental** performed asbestos abatement and other regulated materials (ORMs) remediation for the U.S. Army at the historic Picatinny Arsenal in New Jersey.

This \$2.2MM abatement project consisted of the removal of asbestos containing materials (ACMs) and ORMs from 40 remotely located, abandoned weaponry structures encumbered with 20 to 30 years of organic overgrowth and deterioration. The structures ranged in size from one to four stories and from 100 sf to 6,000 sf. Winter Environmental provided abatement of the structures in concert with Gilbane's clearing of all unexploded ordinances (UXOs) and devices within and surrounding the structures.

Quantities of materials abated included: 21,000 sf of floor tile and mastic; 110,000 sf of cement asbestos panels; 26,000 sf of thermal systems insulation; 22,000 sf of drywall and plaster; and 15,000 sf of lead shielding. Other ORMs removed included duct gaskets and flanges; ballasts; mercury switches; and fluorescent bulbs. Project challenges included working in areas that previously contained UXO materials; working within remote, wooded locations and the exposure to natural biological hazards local to the area, including snakes, ticks, and poison ivy.



- Soil Remediation
- Hazardous Waste Remediation

Project Value: \$5,100,000 Performance Period: 1998-2018 Following the discovery of lead and benzene contaminated soil at the former OMNI sports and entertainment arena which is the site of a former manufactured gas plant (MGP), **Winter Environmental** was contracted to excavate, transport, and dispose of an 48,400 tons of hazardous and non-hazardous contaminated soil. Critical portions of the work were completed at night to reduce the impact of activities to the on-going construction at the site.

The second phase of the work included the removal and treatment of 4,000 tons of hazardous and nonhazardous contaminated soil and debris from the south end of the site. Soils were stabilized on site, using a proprietary treatment process, and disposed of at a Subtitle D solid waste landfill.

Phase three required the removal of a large quantity of stockpiled soil that was blocking access to additional work areas on the site and needed to be removed quickly. During a four day holiday period, **Winter Environmental**'s crews worked around the clock to remove 19,400 tons of soil from the site to meet the client's schedule.

Winter Environmental returned to the site twice to remove an additional 25,000 tons of soil that was generated as a result of the general contractor's on-going construction activities. The work was completed under a variety of conditions including night schedules, weekends, holidays, and during inclement weather. In many of the areas, backfilling was required to establish grade for the new entertainment complex. Soils were placed in six to eight inch lifts and compacted to 95% of standard proctor.

The most recent phase of the project included the handling of soils and groundwater generated during the 2017-2018, \$300mm renovation of the venue. Waste materials were generated during micro-pile boring activities. This required material handling of solid and liquid mediums generated by the prime contractors drilling subcontractor. The wastes were containerized and managed outside of the venue to facilitate continued venue renovation activities.

**Winter Environmental** also installed a 20,000 lb air scrubber with-vapor phase granulated carbon filters. The 20,000 scfm I.D fan was engineered to capture and exchange ambient workspace and scrub and filter the air every 15 minutes. The installation of this system permitted continued work operations by all trade contractors without a need for implementation of a respiratory protection program.



LOCATION

Institute, WV



### What We Did...

- Asbestos abatement & decontamination
- Chemical decontamination
- · Soil remediation

**Project Value to Date:** \$7,000,000

Performance Period: 6+ years

Man Hours: 17,900 Number of workers: >30 Self-performed:

100%

Winter Environmental continues to provide abatement and industrial decontamination services at one of the largest chemical manufacturing facilities in the United States. This \$6 MM plus abatement and industrial decontamination project is being performed for a confidential client at their 460-acre crop protection and agricultural chemical manufacturing site, located in West Virginia. As part of an on-call contract, Winter Environmental's scope of work included above-ground storage tank (AST) and support vessel decontamination and cleaning; abatement of asbestos containing materials (ACMs); industrial process line breaking and flushing; pipe and vessel dismantling/demolition; and production facility and manufacturing space decontamination. Cleaning processes and techniques included: institutional cleaning; low and high-pressure water and chemical cleaning; aggregate media blasting; cryogenic blasting convection heating and decontamination; and conventional cleaning.

**Winter Environmental** worked within strict NESHAPS, RCRA, TSCA, DOT and OSHA regulations and guidelines while also working in various personal protective equipment levels ranging from Level D to B.



LOCATION

MURPHY, NC



Project Value: \$623,000

Performance Period: 7

Months

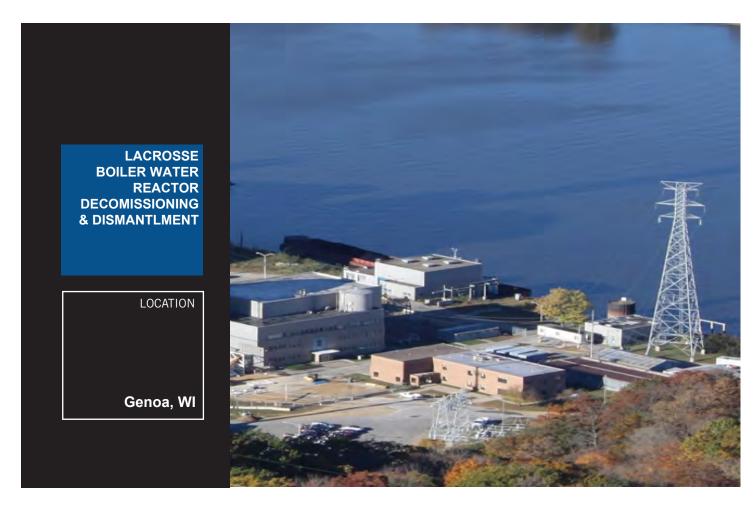
Self Performed: 100%

Winter Environmental constructed two new soil vapor extraction systems and upgraded the existing groundwater treatment system at the Former Northrop Grumman Components Facility located in Murphy, North Carolina. The contamination on site was caused by previously removed, underground storage tanks that leaked product into the soil.

Winter Environmental installed two soil vapor extraction systems (SVE) to remove volatile organic compounds from the soil at the site of the former tank area adjacent to the facility. Winter drilled and installed 11 SVE wells and associated wellhead completion pipe and fittings, and retrofitted three additional wells for SVE. Winter also drilled, installed and performed initial sampling of seven vapor monitoring wells, Over 500 linear feet of schedule 40 pvc pipe was installed for the SVE piping lines, including all trenching, pipe fitting, testing, backfill and restoration of concrete and asphalt. Once well installation and piping was complete, Winter Environmental installed two SVE blower units. Each unit was equipped with controls that required extensive programming and mating to the existing electrical system at the plant.

In addition to the SVE system, **Winter Environmental** retrofitted an existing groundwater extraction wellhead and redeveloped an existing groundwater recovery well to provide a larger volume of water to the existing groundwater treatment system. Once all construction operations were complete, **Winter Environmental** installed a four inch asphalt cap over the SVE lines to ensure the SVE wells would pull vapor from the ground and not from faults in the ground surface. The project required constant coordination with Plant personnel to ensure that construction activities did not interrupt the ongoing operations of the facility.

V.1.01.21



- Asbestos abatement
- Hazardous material abatement
- Lead shielding abatement
- PCB remediation

**Project Value:** \$1,600,000

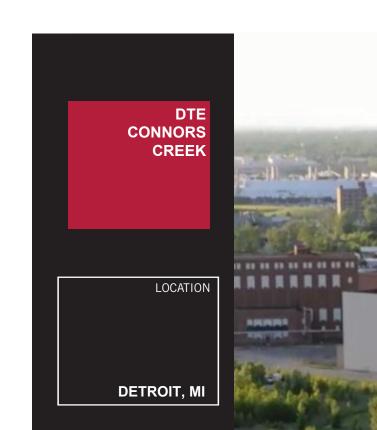
Performance Period: 10

months

Self-performed: 100%

Winter Environmental provided multiple hazardous material abatement services as part of the decommissioning and dismantling of the former LaCrosse Boiling Water Reactor in Genoa, Wisconsin for this \$1.6M multi-faceted nuclear project. The facility was comprised of approximately 10 structures which included a 50 MW reactor. The abatement and remediation services were required to be completed in advanced of demolishing the structures.

The scope of work included the removal of asbestos-containing materials and various forms of lead materials typically used in the nuclear industry, as well as the remediation of PCB containing paint coatings installed on subsurface concrete structures scheduled to remain in place. The hazards on this project included all the typical safety hazards covered under 29 CFR 1926 Subpart A through M including Subpart T, Subpart X and Subpart Z, with the addition of those radiological hazards typical for nuclear power generation facilities. This project was executed over an eleven-month period. Total man-hours experienced on the project were 34,020.



### What We Are Doing...

Asbestos Abatement

Projected Project Value: \$4,051,000 Total Performance Period: 12 Weeks Projected Man Hours:

26,000

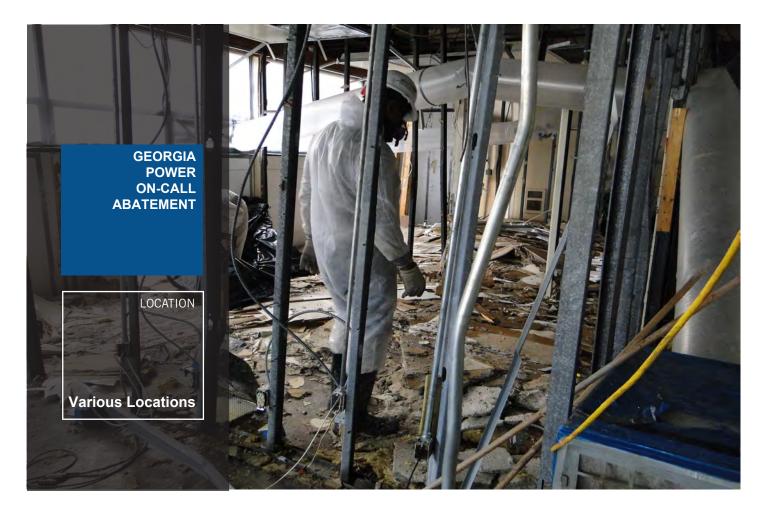
Self Performed: 97%

The Conners Creek Power Plant is a DTE Energy property located in the lower east side of Detroit, Michigan. The 75-acre site, which is on the Detroit River and has 45 acres of riverfront property, was formerly home to the Seven Sisters plant, which was completed in 1915. The plant was expanded in 1915 with the expansion of the high-pressure side of the complex known as the Two Brothers. The plants were originally coal-fired and production at the complex ended in 1988. The Seven Sisters Plant was demolished in 1996 and the Two Brothers Plant was converted to gas-fired and operated until 2008.

The recent announcement by Chrysler-Fiat to build the first new automobile assembly line in Michigan in over 35 years required an accelerated decommissioning and demolition of the Two Brothers Plant in 2019, where part of the plant will occupy the former DTE Site. Gross asbestos abatement was initiated at the plant in 2018. In 2019, DTE procured the demolition of the plant. During the demolition activities of the plant, additional asbestos containing materials were discovered in the electrical components throughout the plant. Winter Environmental was selected by Independence Excavating, Inc. as the subcontractor to perform the asbestos abatement on an accelerated schedule to assist in meeting the schedule-critical project.

Providing a project management team and a craft labor force of 50 laborers and foremen, **Winter Environmental** provided asbestos abatement of the components that were identified throughout the plant. Work included the removal of regulated wiring, Transite, switchgear and integral electrical components that contained regulated asbestos materials. Friable and non-friable regulated materials were also discovered in areas of the plant that required abatement. The work was executed on a six day per week, 10-hours per day schedule.

A portion of the work required the subcontracting of a specialty access contractor, also known as a 'Ropes Contractor.' The subcontractor's workers are specially trained to repel and access areas where scaffold, lifts and ladders systems are difficult and/or time consuming to construct and install. These specialty workers were able to recover regulated asbestos materials that allowed the project schedule to stay on track. The use of this specialty subcontractor saved hundreds of thousands of dollars and weeks from any alternatives and/or conventional methods that were available for consideration.



### What We Are Doing...

- Abatement & lead based paint abatement
- Soil remediation
- · Select demolition
- Decontamination & dismantling
- Emergency mobilization & response

Project Value: \$7,600,000
Performance Period: 2003

- Present

Self-performed: 100%

Winter Environmental has been providing asbestos and lead-based paint abatement, mold remediation, soil remediation, select demolition and emergency response services for this high-profile utility company since 2003. Winter Environmental has been providing on-call services for this client and has successfully executed more than three hundred projects on time and within budget.

Project scopes have varied and have included abatement and demolition work in and around major regional power generation plants; substation control houses and microwave tower structures; regional offices; operating headquarters and administration offices; residential structures; and underground distribution systems. Remediation activities have included the stabilization and removal of contaminated soils and sediment and the removal of regulated wastes and recyclable materials. Emergency services have included 24 - hour mobilization to hurricane damaged facilities and mission-critical operational facilities spill and fire clean-up and mitigation of RERA and TSCA -regulated substances. Challenges faced in performing these projects included working through natural overgrowth at remotely located and or vacant properties; working at elevated heights; and working in temperature and weather extremes.



LOCATION

LOUISVILLE, KY



### What We Are Doing...

- Asbestos Abatement
- Demolition

**Projected Project Value:** \$12MM

Total Projected

**Performance Period**: 16

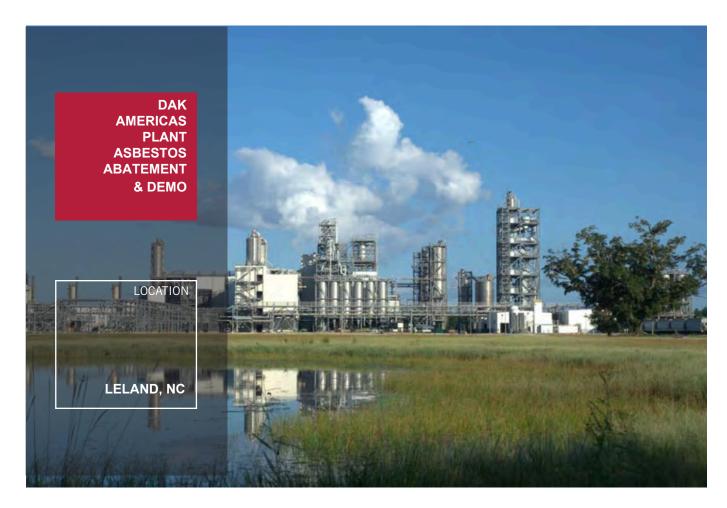
months

**Projected Man Hours:** 

150,000

**Winter Environmental** contracted with D.H. Griffin Wrecking Co. to provide asbestos abatement and environmental remediation services as part of the decommissioning of the six coal fired power units of Cane Run Generating Station. Work began In November of 2017 and is scheduled for completion in early 2019.

The work includes removal of asbestos containing thermal systems insulation from boilers, duct, and piping from heights up to 130 feet utilizing a combination of scaffolding, swing stage platforms, and aerial boom lift equipment throughout the interior and exterior of the building scheduled for demolition. Asbestos containing materials also include exterior cement board panels on coal conveyors and sealants at all areas of exterior weatherproofing.



- Abatement of 576,360 sf asbestos containing material
- Removal of critical systems' insulation throughout the facility
- Removal of 30,000 If of pipe insulation

**Project Value:** 

\$6,670,000

Performance Period:

13 months

Man hours: 108,000 Number of workers: 70 Self-performed: 100% Winter Environmental worked on this immense project for DAK Americas in Leland, North Carolina. The former DuPont plant, was one of the nation's largest producers of PET resin and polyester Fibers and monomers. The project demanded a large scope of work to be completed in a one-year schedule to allow the start of the plant demolition.

The project's working scope included the removal of thermal system insulation, tank insulation, structural fireproofing, duct insulation, floor tile and mastic, Transite panels, Transite lab hoods, caulking/glazing, and sheetrock. Approximately 70 workers working with 108,000 man hours handled the task which provided the challenges of working in both hot and cold environments in summer and winter, respectively. In total, the project includes more than 60 individual containments utilizing shrink-wrap structures, HEPA filtered air filtration devices, personnel and load-out decontamination units.

Scaffold erection and containment on each of the two large dehydration columns 185 ft high provided a challenge, but was successfully completed. Overall, scaffolding was erected in 23 separate containments. More than 30,000 lf of pipe insulation was removed utilizing aerial lifts and the glove-bag method. In total, the project included 19,700 lf pipe insulation, 25,360 sf structural fireproofing, 424,700 sf tank insulation, 68,320 sf Transite, and 57,980 sf floor tile/mastic.



- 63.220 sf boiler insulation abatement
- 14,420 sf Transite insulation abatement
- 7,227 sf thermal systems insulation abatement

Project Value: \$800,000

Performance Period: 60 Days

Man hours: 16,000

Number of workers: 28

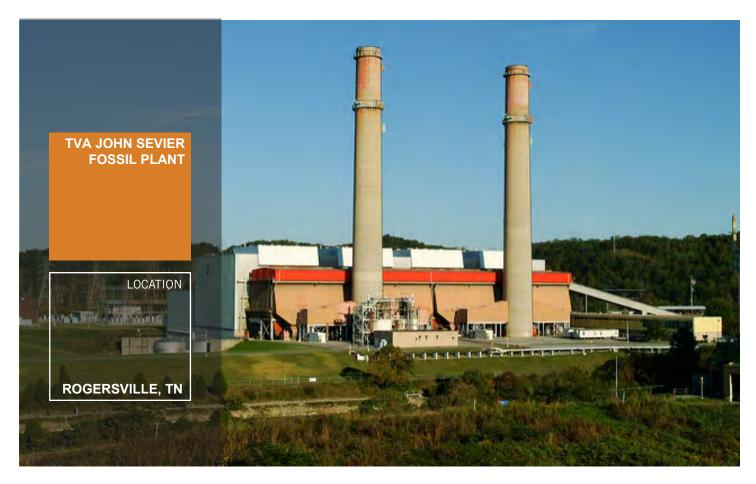
Self-performed: 100%

As a subcontractor to Brandenburg Industrial Service Company,

Winter Environmental provided asbestos abatement at Watts Bar, the historically significant steam plant located at the Tennessee Valley Authority's (TVA) Spring City plant. Originally built in the early 1940s, the plant was the TVA's first coalfired power plant. Constructed to provide flood control and electricity, the 600 MW plant went into commercial electric power generation in 1942 and was decommissioned in 1970.

Winter Environmental's crew of 28 abatement laborers worked six days per week to comply with a compressed project schedule. In addition to the plant's historical significance, the Tennessee River location is habitat for several species of federally and state listed endangered or threatened aquatic and land animals. Great care was needed in all aspects of project execution – from mobilization to demobilization - to ensure no adverse impact was created at the plant or in the surrounding area.

In total, approximately 16,000 man hours were invested in the abatement activities with crews removing approximately 7,200 cy of boiler breaching, thermal system insulation and other identified regulated materials from five, six-story boilers located in the plant. The project was completed four weeks ahead of schedule.



- Asbestos abatement
- Galbestos panels removal

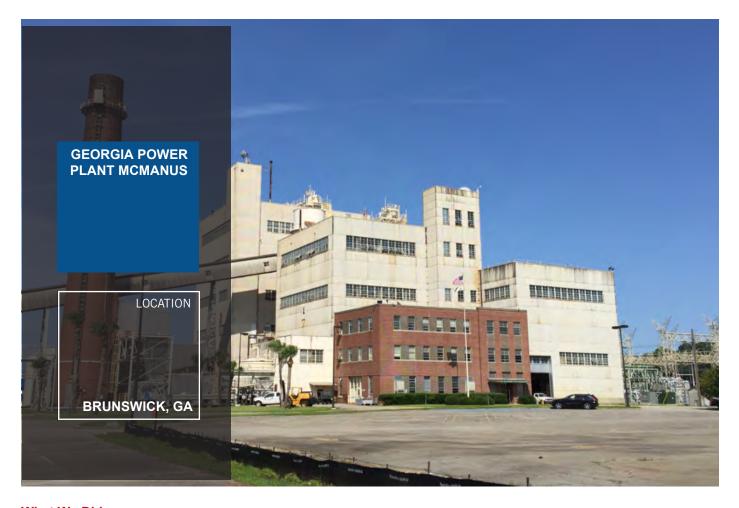
**Project Value:** \$780,000 **Performance Period:** 3

months

Man hours: 12,900 Number of workers: 25+ Self-performed: 100% Brandenburg was contracted by the TVA to abate and demolish the John Sevier Fossil Plant, which was constructed in 1957. The TVA John Sevier Fossil Plant produced 880 MW of power from 1957 until it was decommissioned in 2012.

**Winter Environmental** provided abatement project management, superintendents and a work crew of more than 25 abatement laborers working five, 10-hour days per week for this project. The abatement activities consisted of the removal of Galbestos panels located 100 ft in the air located on the precipitator house, along with the abatement of asbestos containing materials in various service and administration buildings.

Asbestos containing materials consisted of TSI pipe insulation, spray applied textured ceiling, duct insulation, plaster ceiling, duct mastic, fire doors, cloth wire wrap, window caulk, window glazing, and floor tile and associated mastic. In total, 12,900 man hours were invested in the abatement activities. The project was completed on schedule and without any recordable incidents.



- Asbestos abatement
- Universal Waste Removal

Project Value:

\$2,525,000

Man hours: 27,400 Number of workers: 45 Self-performed: 100% Commissioned in the 1950's, Georgia Power retired the Brunswick, Georgia Plant McManus coal and oil-fired facility that generated 400 MW of electricity occurred in 2015. DH Griffin Company was selected to execute the plant abatement and demolition and subcontracted **Winter Environmental** to perform the asbestos abatement.

Winter Environmental performed Asbestos Containing Materials (ACM) abatement, and ACM disposal associated with the scheduled decommissioning activities, at the Georgia Power Plant McManus Units 1 and 2. The ACM abatement included the controlled removal of: boiler wall insulation; economizer wall insulation; steam header insulation; boiler gaskets; Transite panels; pipe insulation; fan gaskets; air duct insulation; pipe fitting mastic; tank/vessel insulation; vinyl floor tile and mastic; pipe flange gaskets; Transite electrical conduits; boiler plate sealant; parapet roof flashing; rubber wall base adhesive; and, exterior caulks.

This project was a total of 27,400 man-hours and 45 workers with zero recordable incidents.



- Abatement of 576,360 sf asbestos containing material
- Removal of critical systems' insulation throughout the facility

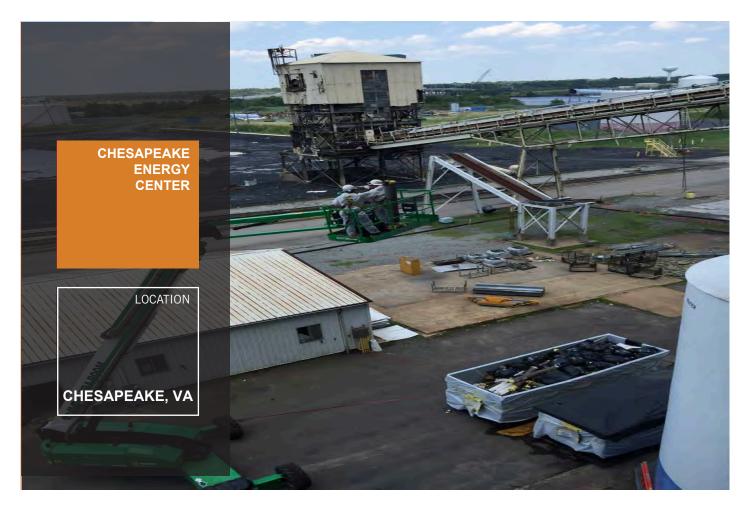
Project Value: \$629,000

Performance Period: 65 Days

Self-performed: 100%

This project involved asbestos abatement and site demolition of 16 structures located in metro Atlanta. Hazardous materials included removal of 300 cy of asbestos containing roofing, exterior cement soffit panels, window glazing caulking and compound, pipe insulation and resilient floor finishes. Abatement of those materials located within each facility was accomplished under full containment, utilizing negative pressure, wet methods, poly sheeting enclosures and decontamination units. Ballasts were separated into PCB and non-PCB categories. Light tubes and non-PCB ballasts were packaged and transported to the client's general services facility. Remaining PCB ballasts and mercury switches were packaged for disposal by the client.

Subsequent demolition of each structure generated 1,980 cy of building debris. 140 tons of metal debris were separated from concrete debris in order to recycle each. Metal was then transported to an off-site recycling facility and the concrete and pavement was crushed on-site for use as the base for a new parking area. Two oil/water separators were excavated and removed from the site. 223 tons of petroleum impacted soils were removed and transported to an RCRA Subtitle D solid waste landfill for disposal.



### **What We Did**

- Asbestos abatement
- Removal of critical systems/insulation throughout the facility

Project Value: \$900,000

Performance Period: 4

months

Man Hours: 17,000 Self-performed: 100% Winter Environmental recently completed work on this project for Chesapeake Energy Center Power Plant. The scope of the work included abatement of identified asbestos-containing materials in the decommissioned 683 MW coal-fired plant. The asbestos abatement work was comprised of the removal and disposal of friable and non-friable asbestos-containing materials from Power Units 1, 2, 3 & 4; the warehouse; CT–1; CT-3 and CT-5 buildings; turbine offices; Lime Treatment building; Coal Yard Service building; Pump House; Admin building; Shops/Offices building; and, various buildings with roofing materials. These materials included caulk, window glaze, roof, roof flashing, floor tile and mastic, pipe insulation, tank insulation, duct insulation, gaskets and Transite siding.

Winter Environmental utilized its experience working in challenging conditions. Specifically for this project, such conditions included elevated work areas, mild to cold temperatures with possible humidity, wet weather conditions, and working continually in an environment containing sharp edges and corners. Winter Environmental provided adequate protective equipment and implemented procedures on-site such as daily safety meetings and intensive reporting of any and all incidents through the duration of the project. In addition, Winter Environmental secured the work areas completely at the end of each day, keeping the area free of accumulated waste and construction debris.

# **REFERENCES**

## **REFERENCES**

Charles E. Ouellette
CH2M Hill
18 Tremont Street #700 Boston, MA 02108
(617) 626 - 7045
chuck.ouellette@CH2M.com

Aaron Mitchell, P.M. Georgia Power 241 Ralph McGill Blvd Atlanta, GA 30308 (404) 506 -1356 aadmitch@southernco.com

Tom Ruppenicker, P.M. Lockheed Martin Aeronautics Company 86 South Cobb Drive Department 0882, MZ 0510 Marietta, GA 30063 (770) 494 – 7437 thomas.a.ruppenicker@lmco.com

Ed Hirshenson, P. G. ARCADIS, Inc. 1450 Greene Street, Suite 220 Augusta, Georgia 30901 (706) 828-4421 edward.hirshenson@arcadis-us.com

Gerald L. Pouncey, J.D. Partner Morris Manning & Martin LLP 3343 Peachtree Road Suite 1600 Atlanta, Georgia 30319 (404)-504-7738



Winter Environmental 3350 Green Pointe Parkway Suite 200 Peachtree Corners, GA 30092 www.winter-environmental.com (404) 588 - 3300