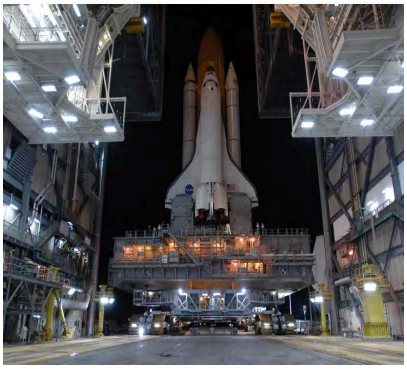
WINTER
ENVIRONMENTAL
building good experiences



STATEMENT OF QUALIFICATIONS

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

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CORPORATE OVERVIEW

ABOUT THE WINTER COMPANIES

WINTER ENVIRONMENTAL is a division of **The Winter Construction Company**. **The Winter Construction Company** was founded in 1962 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 since its founding. The primary markets for **Winter Construction** are: hospitality; municipal and state 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; excavation of impacted soils; installation of sub-grade storm water control devices; land clearing and grading; installation of Vapor Intrusion Mitigation Systems (VIMS); scaffold system construction; industrial decontamination and dismantling and decommissioning; 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 to 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.

In January 2023, **The Winter Construction Company** was sold to Cleveland, Ohio-based **Independence Construction**, an operating company of **The DiGeronimo Companies (DGC)**. **DGC's** is now licensed in 42 states as a general, heavy civil, and industrial demolition contractor. DGC is currently ranked 200/400 on *ENR's Top 400 Contractors* list with a revenue in excess of $1.5B.

NATIONALLY RECOGNIZED

This excellence has been recognized time and again in 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

Winter Environmental
3350 Green Pointe
Pkwy Suite 200
Peachtree Corners, GA
30092

Winter Construction
5616 Peachtree Rd
Suite 100
Atlanta, GA 30341

SERVICE

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 and remediation firm with successful completion of more than 4,500 environmental projects, as well as numerous disaster response projects. Our clients represent virtually every environmentally regulated business sector including:

- Utility Fossil Plant Owners
- Nuclear and radiological 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 and State Governments
- United States Department of Defense
- United States Department of Energy

WHY WINTER

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 18 years.

FINANCIAL STRENGTH, INSURANCE & BONDING

If you are looking for the highest level of assurance 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 you 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 Winter Construction Company**, an ENR Top 400 Contractor that has been in business since 1962. 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 $400,000,000. 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 waste, 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.

WHY WINTER

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.

WHY WINTER

GEOGRAPHIC COVERAGE

WINTER ENVIRONMENTAL has delivered competitively priced services across more than 23 states, with the predominant number of projects performed in the Southeast, Midwest, and Mid-Atlantic regions of the United States. Licensed as a general and/or environmental contractor in 23 states, **Winter Environmental** has the capability and resources to handle projects in most 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 89 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.

WHY WINTER

KEY PERSONNEL

MANAGING PRINCIPALS

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

SENIOR PERSONNEL

Bucky Thompson, VP, Remediation
Andrew Nelson, Business Development Manager
Charles Barth, Senior Project Manager
Ralph Leptrone, CHMM, Senior Project Manager
Don Bohensky, Senior Estimator
Jason Hibbard, Project Manager
Andrew Holtzapfel, Project Manager
Daniel Harris, Project Manager
Peter Rutkowski, Project Manager
Scott Livengood, Project Manager
Brett Hopper, Project Engineer
Josh Osburn, Project Engineer

SENIOR SUPPORT PERSONNEL

Roger Flores, General Superintendent
Tim Thomas, VP Risk Management
Jeff Barber, Safety Officer
The individuals listed above represent an average of 30 years of experience in their fields, and an average tenure at **Winter Environmental** of over 17 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.

WHY WINTER

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, **Winter Environmental** 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 **Winter Environmental**. 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 0.70 and a five year average of 0.73; **Winter Environmental** has recorded zero lost time injuries in the last five years.

Winter Environmental 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, Zurich, and the National Demolition Association (NDA) being recognized in 2014 and 2015 with the NDA's Environmental Excellence Award and in 2020 for the Michael J. Casbon Award.

SAFETY & BONDING

BONDING CAPACITY
$300 MM Per Project
$1B Aggregate

BONDING REFERENCES
AGENT:
Brian Mozena Overmeyer
Hall Associates 1600 W
Lane Ave
Suite 200
Columbus, OH 43221
(740)-819-8201

CLASSIFICATION: Large Business

THIRD PARTY SAFETY PROGRAM:

AVETTA: 15570

ISNetworld: 400-1534 79

INSURANCE REFERENCES
AGENT:
Charlene Todd
Oswald Companies
1100 Superior Avenue,
Suite 1500
Cleveland, OH 44114
(216)-777-6139

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
(404) 965 - 2319
jgraham@winter-environmental.com

Brad Reid, Principal
(404) 965 - 2307
Bradreid@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.

5 Year Safety Performance

Winter	2024	2023	2022	2021	2020
Total Hours Worked	493,310	514,395	456,316	476,587	499,730
EMR	0.70	0.72	0.69	0.79	0.76
Incidence Rate (I.R)	.41	0	0.44	0.84	0
DAW Case Rate	0.41	0	0	0	0
Days Away From Work	8	0	0	0	0
Restricted Duty Cases	0	0	0	0	0
Medical Only Cases	0	0	1	2	0
DAW Cases	1	0	0	0	0
Total Recordable Injuries	1	0	1	2	0
1st Aid Cases	0	0	0	0	1
DART	180	0	0	0	0

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RECOGNITION

"Top 20 Hazardous Waste Contractor" (2021)
"Top 15 Environmental Contractor" (2020)
"Top 400 Contractors" (2017, 2019, 2022, 2023, 2024)
"Top 20 Abatement Contractors" (2014-2017, 2019, 2021, 2023, 2024)
"Top 200 Environmental Contractors" (2015, 2016, 2020, 2021)
"Top Specialty Contractor" (2014)

Diamond STEP Award (2021-2024)
Platinum STEP Award (2009, 2014, 2016, 2020)
Gold STEP Award (2013)
Award of Safety Excellence (2013, 2016, 2020)

Zurich "Best in Class"

Georgia Department of Labor Award of Excellence for Exceptional Workplace Safety
Georgia Award of Safety Excellence

National Demolition Association 2015 Environmental Excellence Award
National Demolition Association 2014 Environmental Excellence Award
2021 Michael J. Casbon Safety 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

2023 Mosaic Contractor Safety Award

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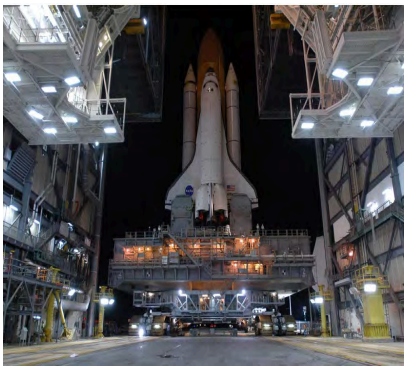


RELATED PROJECT EXPERIENCE

NASA KENNEDY SPACE CENTER

LOCATION

CAPE KENEDY CENTER, FL

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 NASA and their 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.

LOCKHEED MARTIN ABATEMENT & DEMOLITION

LOCATION

Marietta, GA

What We Did...

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

Project Value: $30,000,000
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 work include 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.

TVA PARADISE FOSSIL PLANT

LOCATION

PARADISE, KY

What We Did...

- Asbestos Abatement
- Lead Based Paint Abatement
- PCB Waste Removal

Project Value: $9.97MM

Total Performance Period:

April 2021-October 2023

Man Hours: 5,500

Located on the Green River in Muhlenberg County, Kentucky, the Paradise Fossil Plant has three operating units with Units 1 and 2 having a generation capacity of 704 megawatts each, and Unit 3 having a generation capacity of 971 megawatts. Units 1 and 2 went on-line in 1963. Unit 3 went on-line in 1970. In 1985, a barge-unloading facility was added that would accommodate barge, train and truck unloading of coal deliveries. Units 1 and 2 were retired in 2017 and Unit 3 was retired in 2020.

TVA developed a multi-phased program to address the decommissioning and demolition of the plant and its ancillary support operations. The TVA Paradise Coal Yard decontamination and demolition phase of the project included decontamination, abatement and decommissioning of equipment and environmentally regulated materials including friable and non-friable asbestos, Universal Waste, lead-based paint and PCB equipment. Phase 1 and 2 of the project will address the decommissioning, abatement and demolition of three natural-draft cooling towers and phase 3 will also address the decommissioning and demolition of the power block.

Winter Environmental provided subcontract environmental abatement support to D.H Griffin, the demolition prime contractor, on Phase 1 of the project. This work include abatement of friable and non-friable asbestos-containing materials; Universal Waste removal, packaging and preparation for transportation and disposal; and, lead-based paint abatement.

A total of 11 structures including the Transfer Station/Breaker Building; Utility Shop Building; and, the Old Conditioner Building were adressed as part of the Phase 1 scope. Work was also executed on removing regulated materials on Conveyor Systems BC 1, 2, 9, 10, 18, 19 and 20. A total of 116,000- SF of Galbestos and over 2,000-LF of Transite cable trays which were removed from utility and infrastructure tunnels.

What We Did...

- 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 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.

CANE RUN GENERATING STATION

LOCATION

LOUISVILLE, KY

What We Did...

- Asbestos Abatement
- Demolition

Project Value: $12MM
Performance Period:
16 months
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.

BAYER CROPSCIENCE ABATEMENT & INDUSTRIAL CLEANING

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 $7 MM plus abatement and industrial decontamination project is being performed for a confidential client at their 1,100-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.

ROBINS AIR FORCE BASE

LOCATION

WARNER ROBINS, GA

What We Are Doing...

- Asbestos Abatement
- Lead Paint Abatement
- Waste Management

Project Value: $25 Million

Total Performance Period:
4 Years

Self-Performed: 100%

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** was under contract to New South Construction to provide lead paint abatement of the structural steel and removal of the corrugated metal barrel roof PCB/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 started in September 2019 and was completed in two phases by November 2021. A total of 190,000 man hours were invested in this project with 25 workers and zero recordable incidents to date. This structure is on the National Historic Registry.

POWERSOUTH PLANT LOWMAN

LOCATION

LEROY, AL

What We Did...

- Asbestos Abatement
- Lead Based Paint Abatement
- PCB Waste Removal

Project Value: $462,000

Total Performance Period:

Sep 2022-Nov 2022

Man Hours: XX

Demolition work began on Phase 1 with the Unit 1 Stack. During the Unit 1 stack demolition, Phase 2 activities consisted of clearing the area north of the Unit 2 and 3 Stacks, including the Coal Handling And Conveying System, Crusher And Sample Houses, Ball Mill and Scrubber Control and adjacent structures. Once this area was clear, Phase 3 began with demolition of the Unit 2 and 3 stack.

Concurrently, Winter Environmental proceeded to remove the Power House during Phase 4, followed with the Boilers during Phase 5, starting with Unit 1, then Unit 2 and finally the Unit's boiler. Following removal of the Boilers, Phase 6 began with removal of the Unit 2 Precipitator, followed by the Unit 3 precipitator. Once the Unit 2 and 3 Stack were removed to grade, what remained of the Unit 2 and 3 Scrubbers were removed during Phase 7. Outbuildings and structures outside of the footprint of the core plant were removed as necessary throughout the course of the project. Utility disconnections/isolations and environmental work also proceeded in this sequence.

LACROSSE BOILER WATER REACTOR DECOMISSIONING & DISMANTLMENT

LOCATION

Genoa, WI

What We Did...

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

Project Value: $1,600,000

Performance Period:

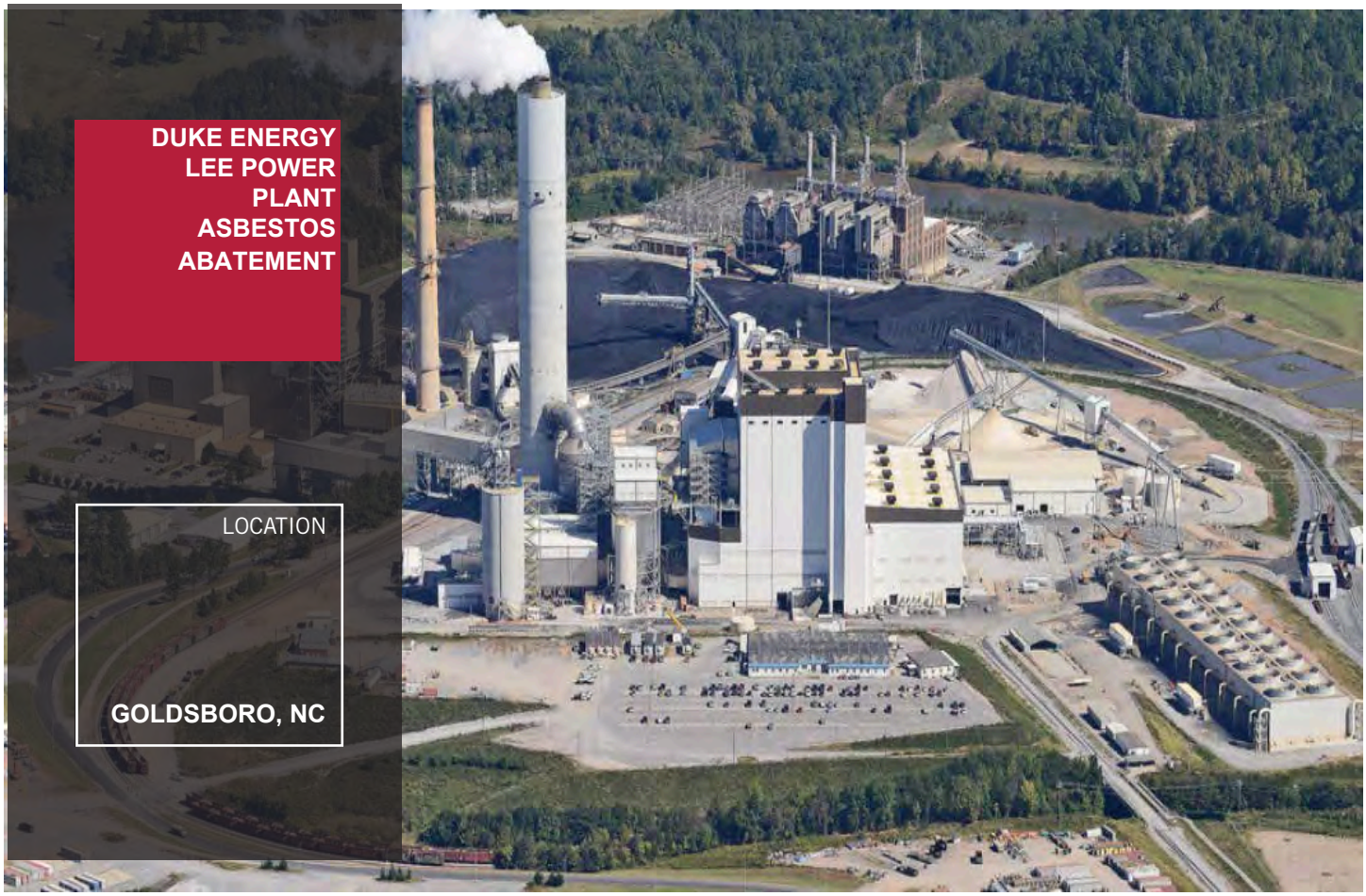
10 months

Manhours: 34,020

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.



What We Did...

- Abatement of 80,000 sf of Boiler Insulation
- Abatement of 20,000 lf of Pipe Insulation
- Abatement of 45,000 sf of Tank/Duct Insulation
- Abatement of 65,000 sf of Asbestos Containing Cement Panels

Project Value: $3,130,000
Performance Period: 9 months
Man-Hours: 44,000
Number of workers: 50
Self-Performed: 100%

This 382 MW power plant, retired in September 2012, consisted of three coal fired boilers and associated turbine buildings and decks, precipitators, administration and contractor buildings and other ancillary buildings on site. **Winter Environmental's** scope of work included asbestos abatement of boiler insulation, tanks and duct insulation, pipe insulation, asbestos cement panels, roofing materials, gaskets and vibration dampers, as well as the dismantlement of the boilers and associated components.

Project challenges involved with the execution of this project involved performing activities at heights of up to 165 feet while working in articulating booms and lifts. Also, the dismantling of boilers and turbines, in order to access the asbestos containing insulation, was being accomplished by torch cutting. In addition to ACMs abatement, other regulated materials, such as mercury switches, ballasts and fluorescent bulbs, were included in the abatement scope. Approximately 80,000 sf of boiler insulation; 20,000 lf of pipe insulation; 45,000 sf of tank and duct insulation and 65,000 sf of cement asbestos panels were removed from the power plant prior to demolition by the prime demolition contractor.

GEORGIA POWER PLANT MITCHELL

LOCATION

ALBANY , GA

What We Did...

- Asbestos abatement
- Waste management
- Universal Waste

Project Value:
$2,273,000
Man Hours: 26,000
Number of Workers: 40
Self-performed: 100%

Commissioned in the 1940's, Georgia Power retired the Albany, Georgia Plant Mitchell coal-fired facility that generated 163 MW of electricity. The plant decomissioning was managed under an Engineering Procure Construct (EPC) contract vehicle by Wood PLC. Independence Excavating, Inc. 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 Mitchell Units 1 and 2 and 3. The ACM abatement included the controlled removal of: boiler wall insulation; economizer wall insulation; steam header insulation; tank insulation, boiler gaskets; electrical wiring; turbine shell coating; 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 siding; roofing; roof flashing; rubber wall base adhesive and exterior caulks.

This project was a total of 26,000 man-hours and 40 workers without any recordable incidents.

DOMINION POWER CHESAPEAKE ENERGY CENTER

LOCATION

CHESAPEAKE, VA

What We Did...

- Asbestos Abatement
- Removal of Critical Systems/Insulation Throughout Facility

Project Value to date: $899,640

Completion Date : July 15, 2015

Man-Hours: 17,000

Self-performed: 100%

Winter Environmental provided subcontract services at Dominion Power's Chesapeake Energy Center in Chesapeake, Virginia. The scope of the work included asbestos abatement of identified asbestos-containing materials at the Chesapeake Energy Center Power Plant.

The asbestos abatement work is comprised of the removal and disposal of friable and non-friable asbestos-containing materials from Power Units 1, 2, 3 & 4 and 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 and other various buildings with roofing materials. These materials include caulk, window glaze, roof, roof flashing, floor tile and mastic, pipe insulation, tank insulation, duct insulation, gaskets and Transite™ siding.

To properly execute the project in a timely manner, **Winter Environmental** utilized its experience working in challenging conditions. Specifically for this project, such conditions included elevated work areas, mild to cold temperatures with high humidity and wet weather conditions, and working continually in an environment containing sharp edges and corners. **Winter Environmental** provided adequate protective equipment and implementing 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.

FORMER FORD HAPEVILLE ASSEMBLY PLANT

LOCATION

HAPEVILLE, GA

What We Did...

- Asbestos abatement
- Select demolition, decontamination, dismantlement
- Soil remediation

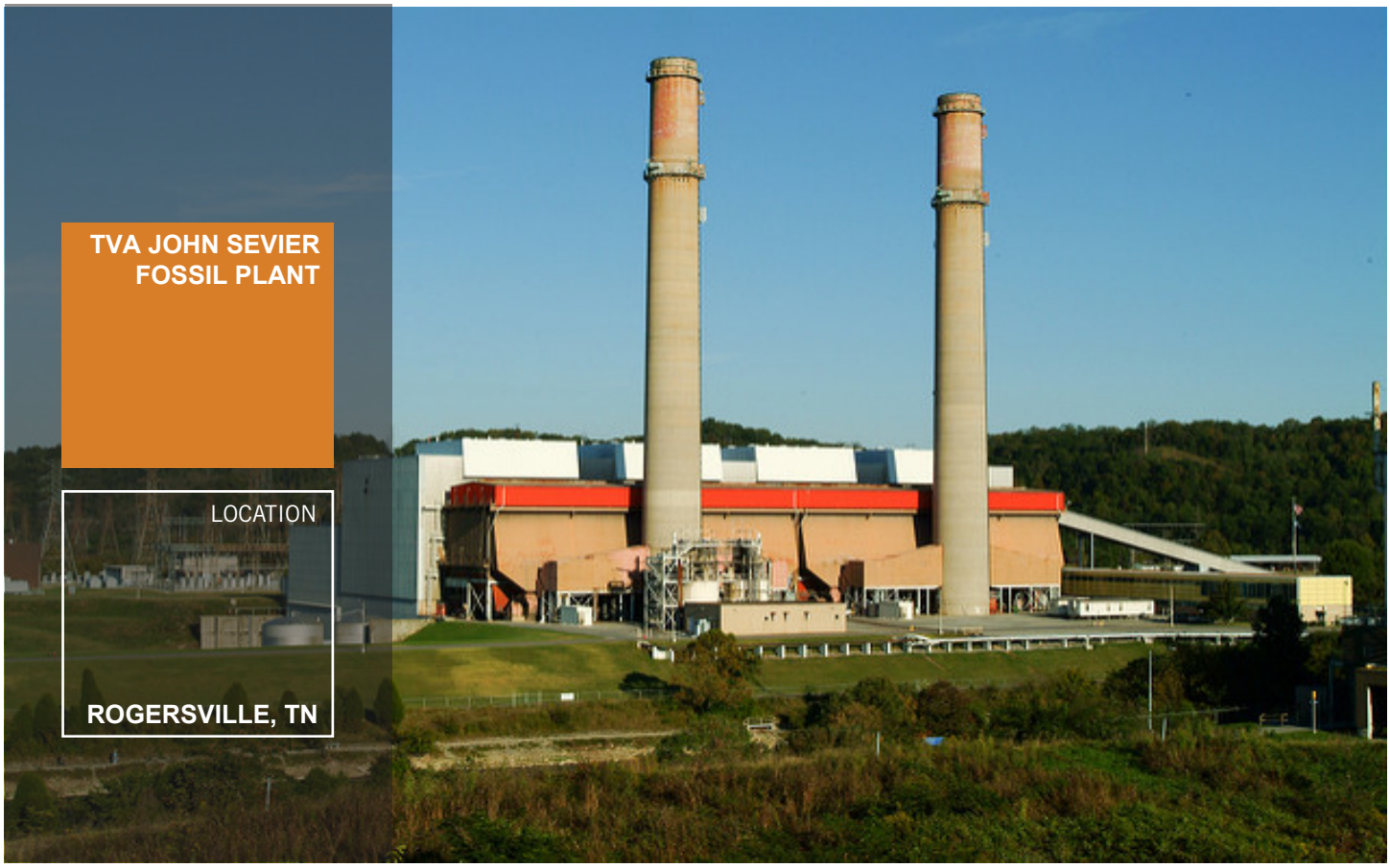
Project Value:
$6,100,000

Performance Period:
131 Days

Self-performed: 100%

Operated from 1947 to 2006, the Hapeville Ford Assembly Plant closed after assembling over eight million automobiles. Jacoby Development, Inc. was chosen to redevelop the 122 acre site into an “aerotropolis.” The new, 6.5 MM sf mixed-use $500 MM development would include 1.6 MM sf of retail space and 2.2 MM sf of hotel and conference space. **Winter Environmental** was selected to provide asbestos abatement, select demolition and soil remediation for the entire site. Asbestos abatement included the removal of asbestos containing materials totaling over 80,000 sf of floor tile, 50,000 lf of roofing flash material, 15,000 lf of window caulking, 65,000 lf of duct and thermal systems insulation,and 75,000 sf of roofing in the 2.8 MM sf main assembly building, subsidiary buildings and facilities. PCB containing light ballasts and mercury-containing bulbs and switches were removed and recycled, or disposed of as Universal Waste. Select demolition included extensive dismantlement of all mechanical systems.

Winter Environmental decontaminated, dismantled and recycled rooftop fan housing equipment; multiple steam boilers with associated tanks and piping; electrical switchgear; chilled water systems; extensive ductwork; and process piping. Remediation included excavation and on-site treatment of contaminated soil, backfilling of excavation areas, free product recovery and contaminated waste disposal. After stockpiling contaminated soil in treatment cells, **Winter Environmental** treated over 45,000 tons of lead-impacted soil on site. Over 57,000 tons of contaminated soil and concrete were disposed of as Subtitle D material. Ancillary activities included dewatering of excavations, backfilling, erosion control, and removal of buried pipelines.



What We Did...

- 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 at elevations greater than 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.

What We Did...

- Abatement of 576,360 sf Asbestos Containing Material
- Removal of Critical Systems Insulation Throughout 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 compliant with Federal regulations.

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. Petroleum impacted soils totaling 225 tons, were removed and transported to an RCRA Subtitle D solid waste landfill for disposal.

PARR-HYDRO SOIL REMEDIATION

LOCATION

Jenkinsville, TN

What We Did...

- Select Demolition
- Soil-Nail Wall Support
- Impacted Soil Remediation
- Structural Fill

Project Value:
$4,200,000
Performance Period:
January 2024-Current
Self-Perform:
98%

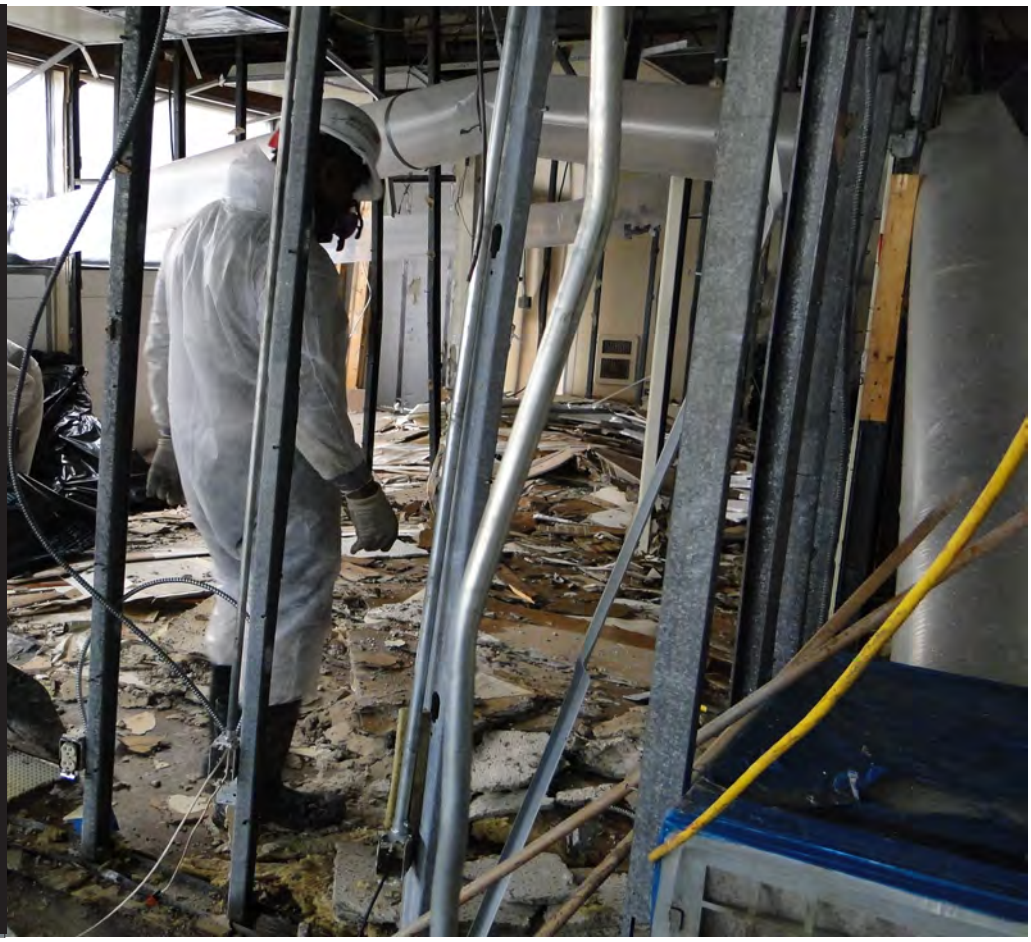
Winter Environmental provided remediation services for two uncontrolled dump areas at a site in South Carolina that were impacted with asbestos-containing material (ACM) and petroleum hydrocarbons. The two phase project included soil excavation, select demolition, structural fill, pipe removal and replacement, and construction support. During the first phase, the Winter Environmental project team safely removed 36,000 cubic yards (CY) of impacted materials, stabilized slopes with a soil-nail system, replaced 160-feet of 36-inch reinforced concrete pipe (RCP) and three manholes, and demolished old structures.

Crews of certified asbestos-trained and experienced personnel managed the removal and placement of ACM into lined and sealed dump trucks, separating friable from non-friable material, for transport to permitted landfill disposal facilities. Upon completion of excavation, approximately 40,000 CY of structural fill were placed and compacted. The second phase of the project included stormwater management, hydro-excavation near critical infrastructure, and replacing 248-feet of 18-inch reinforced concrete pipe and one manhole.

GEORGIA POWER ON-CALL ABATEMENT

LOCATION

Various Locations



What We Are Doing...

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

Project Value: $22,000,000
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.

Winter Environmental currently has active contracts with the Georgia Power Company for Environmental Remediation and Consulting Services, Environmental Substation Assessment and Remediation Services, Civil Field Services Support, Transmission Civil Site Work, Environmental Storm & Emergency Spill Response Program, Substation Pre-Sampling Program Services, and General Site Maintenance at Plant Branch.

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 and civil activities have included the stabilization and removal of contaminated soils and sediment and the removal of regulated wastes and recyclable materials, installation of a soil cap over arsenic-impacted soil in an active substation, general site improvements at various plants throughout the state of Georgia, construction of barrier boom for secondary containment in active substations, placement of aggregates, and active substation site improvements, . Emergency services have included 24-hour mobilization to hurricane damaged facilities and mission-critical operational facilities, spill and fire clean-up and mitigation of Resource Conservation and Recovery Act (RCRA) and Toxic Substances Control Act (TSCA)-regulated substances, and remediation of polychlorinated biphenyl (PCB) and non-PCB containing electrical transformer spills throughout metro Atlanta. General site maintenance at Plant Branch includes landscape and road repairs, construction of a truck fill station, clearing and grubbing activities, and air curtain destroyer operations.

Challenges faced in performing these projects included working through natural overgrowth at remotely located and/or vacant properties, working at elevated heights, working in temperature and weather extremes, working around active electrical equipment, and working in tight spaces.

MOSAIC PLANT CITY FACILITY

LOCATION

Plant City, FL

What We Did...

- Mechanical Disconnect
- Isolations
- Low-Point Drains
- Product Removal
- Clean-up and Decontamination
- Ground/Floor Surface Sealing and Liner Installations

Project Value: $6MM

Performance Period: 17 Months

Number of workers: 6-33

Man-hours: 60,000

Mosaic's Plant City Facility ceased production in 2017. Winter Environmental was awarded a contract in late December 2022, started work in early January 2023, and completed 17-plus months of work expected to end in June 2024.

The overall project objective was to disconnect, airgap, and decontaminate the facility's process equipment, utility lines, tanks, vessels, and associated appurtenances in preparation for total plant demolition. This was achieved by prioritizing safety, cost-effectiveness, and environmental soundness, ensuring the best possible outcome for all stakeholders.

The scope of work divided the roughly 85 acres of the plant processing units and equipment into 13 different work locations. The Plant City Facility was a turnkey fertilizer manufacturing facility.

The scope of work performed in the 13 areas included the following : mechanical disconnect, (Airgaps 414) isolations, and low-point drains (1,388), product removal, clean-up and decontamination, low and high pH. product neutralization and on-site discharge (65,980 gallons), ground/floor surface sealing and liner installations, (430,000- SF), and solid waste disposal122-CY / Offsite 75 CY Contaminants of concern encountered during the execution of the work included the following: asbestos, sulfuric acid (weak solutions and product 96%), phosphoric acid (weak solutions and product 65% - 85%), sodium hydroxide (weak solutions and solids/liquids 40% -50%), ammonia, TENORM, sulfur, soda ash, universal waste (bulbs, batteries, ballast, mercury switches, e-waste), and petroleum based compounds (tall oil, binders, hydraulic oils, lubricating oils, greases, etc.).

Full-scale fertilizer production of this nature is extremely corrosive and, due to the length of time the facility had been sitting, created a unique set of decommissioning/decontamination/neutralization challenges, including manual removal of built-up cementitious-like fertilizer dust from all interior exposed surfaces located within dry production areas having multiple (up to six) stories of steel and mezzanine-supported process equipment, selection and application of high-pressure (up to 20,000 psi) cleaning methods and line routing devices for acid piping to allow for a caustic neutralization step, and performance of the work Level-C PPE modified specifically for concentrated sulfuric and phosphoric acids.

Crews ranging in size from six to thirty-three workers safely and successfully completed the $6MM+ project over a 17-month period, spending almost 60,000 manhours in the undertaking.

UNIVERSITY OF GEORGIA RUSSELL HALL

LOCATION

Athens, GA

What We Did...

- PCB Remediation

Project Value: $800,000
Performance Period:
13 Weeks
Man-hours: 13,410
Self-performed: 100%

The Russell Hall project involved the interior and exterior renovation of a 10 -story, 550 room dormitory which the exterior brick veneer and the 550 windows sealed with PCB caulking required remediation.

Winter Environmental was contracted to remove the PCB caulking from the 550 window openings, the horizontal relief shelves on the 4th, 6th, 8th and 10th floors, and those areas that were accessible from the ground level. The scope of work also consisted of removing the brick that was in direct contact with the caulking at the 4th, 6th, 8th and 10th floors. Winter Environmental used swing stages and boom-lifts to access the elevated floors to perform the removal. Once the caulking was removed, the original caulk line was sealed with an epoxy to prevent PCBs from contaminating new installed caulking.

Winter Environmental removed approximately 18,000 LF of PCB caulking and approximately 10,600 LF of PCB contaminated brick. Despite the work being performed during the winter season where the temperatures were consistently below 40°F and along with continuous precipitation and wind, the project was completed over a 13-week period with 13,410 man-hours.

The work was executed in accordance with a PCB Remediation Plan that was submitted and approved by the United States Environmental Protection Agency (USEPA) Region IV TSCA coordination.

UNIVERSITY OF ALABAMA TUTWILER HALL

LOCATION

Tuscaloosa, AL

What We Did...

- Asbestos Abatement
- Waste Management
- Universal Waste

Project Value: $1.45MM

Performance Period:
1.5 Months

Man-hours: 17,000

Winter Environmental was subcontracted by D.H. Griffin to provide complete asbestos abatement and universal waste removal in preparation for the scheduled implosion of a large dormitory building. The project involved the removal of significant amounts of asbestos-containing and universal waste
materials under a tight deadline, requiring comprehensive planning, strategic staffing, and precise execution.

The scope of work included the removal of 100,000 SF of asbestos floor tile and mastic from every bedroom and most corridors throughout the building, 13,000 SF of asbestos tar bed mastic from under ceramic tiles in restrooms and bathrooms, and 18,000 LF of asbestos insulation. The project was
completed within a 14-week timeline, aligning with the scheduled implosion date.

A specialized team of over 40 professionals, including project managers, site supervisors, safety officers, abatement workers, air quality specialists, and support staff, were involved in the project to ensure its success and to meet the implosion schedule.

GENERAL TIME/ WESTCLOX FACILITY

LOCATION

Athens, GA

What We Did...

- Asbestos Abatement
- Soil Remediation
- Demolition
- PCB and Waste Removal
- Vapor Intrusion Mitigation

Project Value: $1,709,300

Performance Period:

8 Months

Man hours: 11,637

The General Time/Westclox facility was commissioned in 1954 to manufacture clocks. The facility expanded its footprint to 250,000 square feet in the 1960's but eventually closed in 2000. The property was purchased in 2018 for development into a Brownfield adaptive reuse project. **Winter Environmental** was selected to perform the site remediation which included the remediation of contaminated soil, asbestos abatement, demolition, PCB and universal waste removal, and mold remediation.

The scope of work for this $1.7MM project was the remediation of existing impacted soils beneath the concrete slab located in the middle of the facility. **Winter Environmental** had to demolish a section of the structure's south wall and build a construction ramp to create an ingress/egress point to move equipment and waste soils in and out of the building. Prior to executing the soil remediation, **Winter Environmental** had to perform asbestos abatement, demolish the interior walls and equipment, surgically remove the center of the facility's roof. During the demolition process, various PCB containing components were removed along with the universal waste located in the remediation zone. **Winter Environmental** demolished a 26,500 square foot area of concrete slab and excavated the soil to the prescribed depth. Keeping safety in mind, a soil-nail shoring system was installed due to the excavation reaching a depth of 15 feet. Over 2,000 tons of soil was excavated and segregated into three categories: soil for use as overburden, low-level impacted soil for disposal in a Subtitle D Landfill, and high impacted soil requiring on-site treatment prior to disposal.

The backfilling process required the installation of a bioavailable absorbent media (BAM) at the groundwater table to absorb the containment whereby complete degradation is achieved by microbes; installation of a passive groundwater treatment system followed by backfilling using the stockpiled overburden and clean-fill to the prescribed elevation so that a Geo-Science™ vent and vapor intrusion mitigation system could be installed before **Winter Environmental** backfilled the 26,500 square foot opening with new concrete. The scope was expanded to include asbestos abatement in other areas of the facility as well as mold remediation within the 18,000 square foot administration section of the building.

Winter Environmental encountered many challenges while executing this project, most notably cutting an approximately 28,000 square foot section of roof out of the center of the facility's roof. The knowledge and understanding of the roof demolition drawing and roof system was paramount on this task being successfully achieved. Other challenges included the collection and management of the excess rainfall realized during the excavation of the impacted soil.

MARELLI

LOCATION

PULASKI, TN

What We Did...

- Decontamination
- Decommissioning
- Demolition
- Waste Handling and Disposal

Project Value:
$2,038,000

Performance Period:
October 2020- Current

Man-Hours: 15,000

Self Performed: 100%

Since October 2020, **Winter Environmental** has performed waste handling and disposal, decontamination, decommissioning and demolition of process systems, structures, equipment lines, and tanks at an active automotive lighting manufacturing facility, located in south central Tennessee. This 523,000 square foot facility was commissioned in the early 1960's and included a chromium-electroplating line, a paint line, and a State of Tennessee regulated wastewater treatment plant.

Work included waste characterization, the removal of hazardous and non-hazardous waste residuals from tanks, vessels, process lines and ancillary equipment and apparatus. Waste residuals were characterized and packaged in accordance with US EPA, Resource Conservation and Recovery Act (RCRA), and Department of Transportation (DOT) regulations (40CFR and 49CFR). Hazardous waste residuals were disposed of at a RCRA Subtitle C permitted treatment, storage, and disposal (TSD) facility in Emelle, Alabama. Various other non-hazardous waste streams were transported to previously approved subtitle D disposal facilities. Ferrous and non-ferrous equipment apparatus was decontaminated, where possible, to allow for recycling.

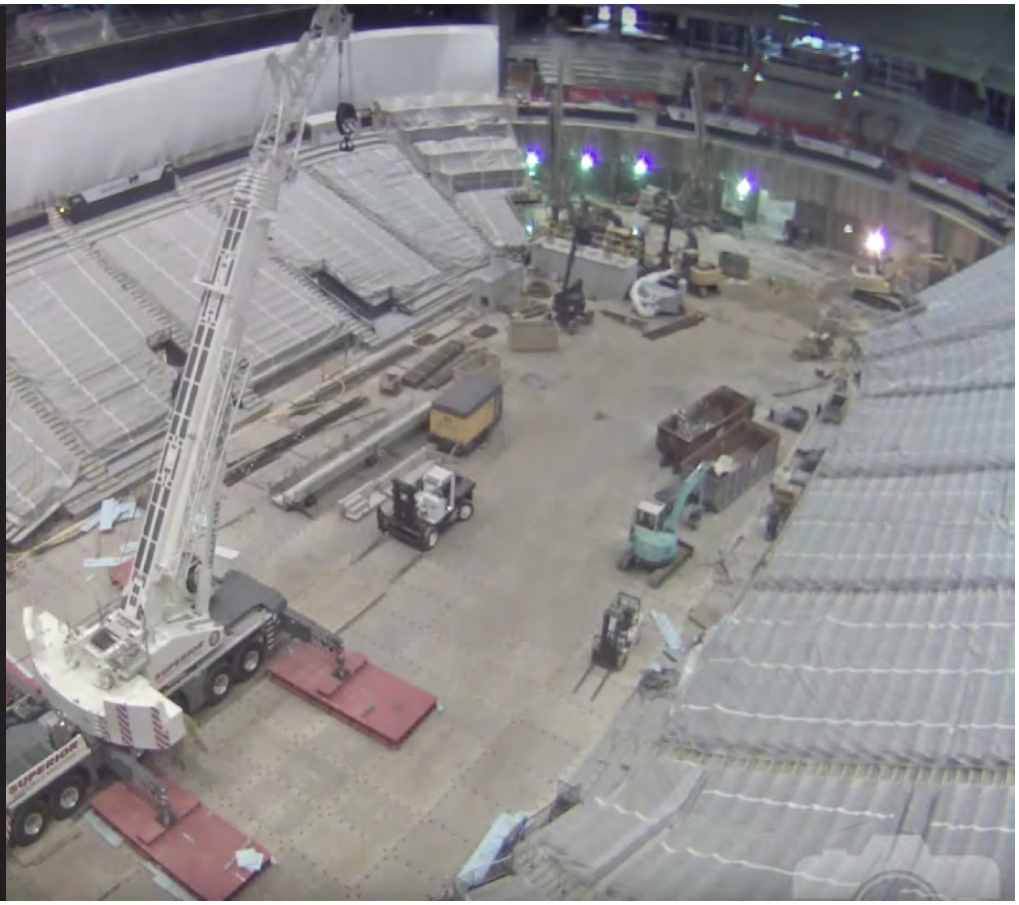
Demolition efforts included, various tanks and vessels process lines, secondary containment structures, processing equipment and apparatus, and portion of the facility, including a wastewater treatment plant. Decontamination was required throughout the facility. The techniques included gross removal of residuals (solids, liquids, and sludges), followed by low-pressure (< 4,000 PSI) cleaning using a buffering/ cleaning detergent. Wash, rinsate, and wastewater were directed to an on-site, permitted industrial wastewater treatment facility, as permissible.

During the decommissioning and demolition of the permitted industrial wastewater treatment facility, hazardous waste streams (liquid and sludge) were characterized, handled and packaged and disposed of at a RCRA Subtitle C permitted TSD Facility in Emelle, Alabama. Various other non-hazardous waste streams (solid, liquid, and sludge) were transported to previously approved subtitle D disposal facilities. Process lines were chased, drained, and demolished throughout the facility. **Winter Environmental** self-performed and completed the work with zero lost time or recordables.

OMNI/ PHILLIPS ARENA

LOCATION

Atlanta, GA



What We Did...

- Excavation, transport and disposal of 48,400 tons of contaminated soil

Project Value: $3,100,000

Performance Period:

122 Days

Self-performed: 20%

Following the discovery of lead and benzene contaminated soil at the former OMNI entertainment center and future site of Phillips Arena Sport and Entertainment Complex, **Winter Environmental** was contracted to excavate, transport, and dispose of an 48,400 tons of hazardous and non-hazardous contaminated soil.

The complex was located on a former manufactured gas plant (MGP) site. Initial phases of the project scope included the removal and treatment of 4,000 tons of hazardous and non-hazardous contaminated soil and debris from the south end of the site. Soils w ere stabilized on site, using a proprietary treatment process, and disposed of at a Subtitle D solid waste landfill. Critical portions of the work were completed at night to reduce the impact of activities to the on-going construction at the site.

Subsequent phases required the quick removal of a large quantity of stockpiled soil that was blocking access to additional work areas on the site. 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.

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 and subcontractors. The wastes were contained 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.

GENERAL ELECTRIC SOIL REMEDIATION PROJECT

LOCATION

Rome, GA

What We Did...

- PCB Abatement
- Soil Remediation

Project Value: $1,229,550
Performance Period:
5 months
Self Performed: 100%

Winter Environmental was awarded a phase of an on-going remediation project for a Fortune 100 company. The projects are centered around the removal of PCBs in the former surface water drainage areas of a former manufacturing plant operated by the company. This phase project involved the removal of PCB impacted soil and sediment along the banks of a creek.

In order to remove the impacted material, Winter cleared trees and constructed access roads and temporary bridges. All the tree refuse was chipped up and sent to a local paper processing plant to be used as boiler fuel. Once the trees were cleared, Winter installed steel sheet piles and sediment barriers along both sides of the creek, a total of 2,784 linear feet. Once the sheeting was in place, Winter excavated the impacted material and loaded it into transport trucks. A total of 24,415 tons of impacted soil and sediment were removed from the site. This material included both TSCA and Non-TSCA material.

Once the areas were excavated, Winter imported clean backfill and topsoil to restore the excavation areas. Once the areas were brought back up to original grade, Winter re-vegetated the site and restored the creek banks. The creek bank restoration was performed in strict accordance with State and Federal restoration guidelines.

LOCKHEED NEW COMMERCIAL GATE SOIL REMEDIATION

LOCATION

Marietta, GA

What We Did...

- Removed, Hauled and Disposed 16,392 Cubic Yards Asbestos Contaminate Soil
- Removed Hauled and Disposed 3,915 Cubic Yard Unsuitable Soil
- Removed, Hauled and Disposed 2,705 Cubic Yards Chromium Contaminated Soil

Project Value: $4,009,800

Performance Period:

July 2018-July 2019

Self-performed: 100%

A construction debris disposal area was established when Air Force Plant was constructed to support World War II defense production initiatives in 1942. The legacy disposal area was identified when the Owner initiated the construction of a new security access point for contractors working at the site. During site civil work, debris were encountered that were tested for environmental concerns. The testing identified non-friable asbestos containing materials and RCRA characteristic hazardous waste(s) in the areas that required removal, segregation and disposal at RCRA Subtitle C and Subtitle D solid waste landfills.

Winter Environmental excavated and transported a total of 13,640 CY of asbestos contaminated soil, 3,654 CY of unsuitable soil, and 2,640 CY of characteristic hazardous waste. Prior to off-site waste disposal, soils were screened to removed rock and debris and reduce the overall waste disposal transportation and disposal cost. Soils were placed in lined, transport vehicles for transportation to the respective disposal facility.

Following the removal of the impacted soils, side grading was performed to prepare the site for construction of the contractor's entrance. The total value of the work was $4,009,800.

HALCYON VAPOR BARRIER INSTALLATION

LOCATION

Alpharetta, GA

What We Did...

- Vapor Barrier Installation over 51,800 FT footprint

Project Value: $168,840

Man Hours: 733

Halcyon is a mix use property under the Georgia EPD Brownfields Program.The Halcyon Tract is a 20-acre section of a more larger 96 acre tract of land. Within the Halcyon Tract is a 12.25- acre “Townhome Tract” being developed for townhomes. An Environmental Assessment of the property revealed the presence of low level VOCs. No further remediation was required but Empire Communities decided to minimize their risk and have a vapor barrier installed beneath the townhomes where the low level VOCs were present. **Winter Environmental** was contracted by Empire Communities to install the vapor barrier for each affected townhome. The project consisted of the installation of a vapor barrier beneath eight structures which consisted of either four townhomes or three townhomes. The four townhome models had a 6,720 square foot (SF) soil footprint and the three townhome models had 5,740 SF soil footprint. There were six, four-townhome models equaling 40,320 SF of soil footprint while the two, three townhome model equaled 11,480 SF of soil footprint. All total, a vapor barrier system was installed over approximately 51,800 SF of soil footprint. **Winter Environmental** installed Land Sciences Nitra-sealTM system over the affected soil. This system is a 3-layer system consisting of a base layer fabric followed by a spray-applied asphaltic latex layer topped by a bond layer.

Winter Environmental self-performed the installation of the vapor barrier for each structure. The installation occurred in multiple phases with multiple weeks spanning between each phase. It took a total of 733 man-hours to complete the vapor barrier install for all eight structures.The project value was $168,840.00.

Many weather related challenges were faced during this project such as rainfall and cold temperatures.The vapor barrier can’t be installed during rainfall and when temperatures are below 50 degrees Fahrenheit. So the installation had be performed around the various weather patterns whereby the crew put in long hours to complete the installation before rain or cold weather events impacted the schedule.

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