









A.S.T. Environmental, Inc.











Project Summaries




"Quality Environmental Services"





Project	Client and Value	Photo	Work Description
<p>Rockwood Iron and Metal ASR Closure Construction</p> <p>Rockwood, TN</p>	<p>Blue Tee Corporation</p> <p>\$930,000</p>		<p>A.S.T. performed all work to construct 14 acres of landfill cap at the location of a former automobile shredding operation. The capped area was divided into 3 separate landfills of approximately 4.5-acres each. AST relocated 20,000 cubic yards of automobile shredder residue (ASR) and incorporated the material into the three areas to be capped. 44,000 cubic yards of barrier soil and 22,000 cubic yards of vegetative soil were excavated, hauled and placed for the cap construction. A.S.T. constructed 4800 feet of surface ditches and 1180 feet of 24-inch storm sewer. A.S.T. also constructed a 9,000 square foot lined wetlands pond.</p>
<p>Fraser Paper Landfill</p> <p>Moraine, Ohio</p>	<p>STS Consultants, Ltd.</p> <p>\$2,230,000</p>		<p>A.S.T. performed all construction for a 33-acre multi-layer synthetic and soil landfill cap. The unstable sludge was first bridged using a 40-mil high strength woven geo-textile. Project included the relocation of over 80,000 cubic yards of waste, 280,000 cubic yards of soil, and the installation of 25,800 feet of gas collection piping. The cap was regraded, seeded, and is now maintained by A.S.T. on a multiyear contract basis.</p>
<p>Virgin Island Chemical Decontamination & Demolition</p> <p>St. Croix, U.S. Virgin Islands</p>	<p>Pharmacia Corp. & Berlex Laboratories, Inc</p> <p>\$560,000</p>		<p>Total decontamination and demolition of Virgin Island Chemical Facility located in St. Croix, USVI. Project included decontamination and removal of all residual chemicals as well as asbestos wastes. Entire facility including 75-foot stripper columns and six-story structures were safely demolished and disposed off-site. Several specialty-manufacturing items were salvaged and sold overseas prior to recycling all steel and disposal of all debris. All hazardous wastes were containerized and shipped off-island for disposal. Project was completed on time and under budget.</p>
<p>IVAX Chemical Corporation</p> <p>Rockhill, SC</p>	<p>ERM-EnviroClean, Southeast</p> <p>\$300,000</p>		<p>A.S.T. performed the decontamination/decommissioning and demolition of a textile manufacturing R&D facility. The work included the decontamination and demolition of process lines, 20 tanks (avg. capacity 5,000 gallons), 17 reactors/vessels (avg. capacity 1,500 gallons) as well as other process equipment and facility structures. Once cleaned, the process lines, tanks, vessels and other equipment were removed from service and the steel and other salvageable materials were recycled. Several manufacturing items were salvaged prior to recycling all steel and disposal of all debris. All wastes were containerized and shipped for appropriate disposal.</p>





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Pulvair Corporation Millington, Tennessee	ERM- EnviroClean, Southeast \$955,000		<p>A.S.T. performed a wide variety of environmental efforts including: laboratory packing of over 6,000 items, operation of a field laboratory, segregation of bulk liquid and solid wastes, segregation of wastes from 2,900 drums, accumulation of over 800 tons of bulk solid wastes, cleaning of 115,000 SF of concrete slabs, demolition of 240,000 SF of concrete & asphalt slabs, demolition of 250 yards of footers, excavation of 1,800 CY contaminated soils, regrading of 13,000 CY of existing site soils.</p>
Ball Can Corp. Landfill Cap & Closure Newtown, OH	Civil & Environmental Consultants, Inc. \$130,000		<p>A.S.T. constructed a 2-acre cap over a steep side slope to provide an impermeable cover over an existing landfill face. A.S.T. performed all clearing, relocation of surface wastes, grading, and placement/compaction of over 7,000 cubic yards of clay. After final grading, A.S.T. also performed all hydro-seeding and installation of final riprap drainage channels.</p>
Douglas Lane Landfill Cap Junction City, Kentucky	ATR Wire/ Shield Environmental Associates, Inc. \$125,000		<p>A.S.T. performed all work for the construction of a three-acre landfill cap. The work included the relocation of 1500 cubic yards of waste and the installation of 7500 cubic yards of soil from an on-site borrow source. Also, included in the project was the relocation of a 50-ton steel baler off of the cap area.</p>
Kentucky Industrial Haulers Superfund Site Elizabethtown, Kentucky	Dow Corning Corporation \$150,000		<p>A.S.T. excavated and relocated 20,000 cubic yards of industrial waste at the former industrial landfill. The waste was consolidated under a 10-acre multilayered cap. A.S.T. also installed a seven-foot deep, 600-foot long cut-off trench and sand filter.</p>





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<p>Five Texas Gas Compressor Stations, PCB Remediation</p> <p>Mississippi & Kentucky</p>	<p>Texas Gas Corp. & URS Corp.</p> <p>\$113,000</p>		<p>Water treatment, soil excavation and off-site disposal of PCB contaminated soils. The five were sites located in both Kentucky and Mississippi. Four locations in Mississippi involved surgical excavation of contaminated soil from around gas piping and foundations. All work performed under budget without damage to any Texas Gas structures.</p>
<p>Wright- Patterson Air Force Base Power Plant 770</p> <p>Wright Paterson A.F.B, OH</p>	<p>U.S. Air Force</p> <p>\$103,000</p>		<p>Performed a high-pressure wash of Steam Power Plant at Wright Patterson Air Force Base. Project involved a 4,000 psi high-pressure wash of over 500,000 square feet of horizontal surfaces to remove years of coal and fly ash residue. Numerous areas required a preliminary acid wash prior to water blasting. Completed under budget and on time.</p>
<p>Solidify & Remove PCB Sludge from WWTP Settling Impoundment</p> <p>West Carrollton, OH</p>	<p>Confidential Client</p> <p>\$665,000</p>		<p>Sample, stabilize and remove over 17,000 tons of PCB contaminated paper mill WWTP impoundment sludge. Project included the initial waste characterization sampling performed from a floating barge and performance of a bench scale treatability study. The resulting data allowed a significant reduction of stabilization agent resulting in a \$1.5 million savings. All sludge were stabilized, tested on-site for paint-filter, and shipped off-site for disposal. Project completed on time & budget.</p>
<p>Excavation of Soil Impacted with Chlorinated VOC's</p> <p>Elizabethtown, KY</p>	<p>Shield Environmental Associates, Inc.</p> <p>\$220,000</p>		<p>A.S.T. demolished and removed 850 square feet of concrete and excavated 8 feet of soil impacted with PCE from the interior of an active manufacturing facility. All soil and concrete disposed of as hazardous. A.S.T. coordinated the transportation and disposal of 82 tons of concrete and 342 tons of soil. Work performed on schedule during one-week plant shutdown. Additionally, A.S.T. installed 300 pounds of potassium permanganate in the base of the excavation and installed 6 injection wells. All concrete floor and trench drains were replaced after excavation work.</p>





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<p>Cornish Property-Site Remediation</p> <p>Lawrenceburg, Kentucky</p>	<p>Kentucky Division of Waste Management</p> <p>\$277,000</p>		<p>A.S.T. excavated, transported and disposed of 5700 tons of soil impacted with lead and PCBs in a Subtitle D landfill. Following confirmatory sampling, A.S.T. backfilled the site with 5200 tons of soil imported from off-site. Also, A.S.T. performed all site grading, seeding and straw mulching for the three-acre site. Included in the project was the demolition of a chimney impacted with dioxins/furans. The waste from the chimney was disposed of by incineration</p>
<p>Carol & Dubbies Superfund Site, (Closure of 8 Surface Impoundments)</p> <p>Port Jervis, NY</p>	<p>Shield Environmental Associates, Inc.</p> <p>\$493,000</p>		<p>Treatment of contaminated water from eight surface impoundments, solidification of over 12,000 cubic yards of sludge, and the excavation and loading of 24,000 cubic yards of contaminated soil. Constructed two 50 feet by 80 feet HDPE (60-mil) double lined temporary hazardous waste storage areas. Two of eight ponds contained organic levels that required performing all associated work in Level B. The entire site of the former eight impoundments was then backfilled, graded, and reseeded. A.S.T. site personnel performed all labor and equipment operation to complete this 9-month project on time and within budget.</p>
<p>Green II Landfill (Installation of Leachate Collection System)</p> <p>Logan, OH</p>	<p>Goodyear Tire & Rubber Company</p> <p>\$298,000</p>		<p>Installed 5,800 feet of double-walled piping, two 12-inch diameter leachate sumps, 2,000 lineal feet of HDPE collection piping, and a 20,000 gallon underground leachate storage tank and system control building. An impermeable vertical liner was installed around 2,000 lineal feet of the landfill perimeter to function as cut-off wall for additional leachate to migrate to groundwater. A.S.T. performed all work including the certified HDPE welding to complete activities at this landfill. A.S.T.'s proposed an alternative design that was accepted by the owner and engineer and resulted in a \$25,000 savings to the owner</p>
<p>Clean Oil/Water Separators & Coal Settling Basins, (5 Year Contract)</p> <p>Wright Patterson A.F.B., Ohio</p>	<p>U.S. Air Force (Wright Patterson A.F.B.)</p> <p>\$1,726,000</p>		<p>The scope included sampling, cleaning, and inspection of fifty oil/water separators and two large settling basins, preparation of waste profiles for proper disposal. The work required pumping, filtering, and discharging 280,000 gallons of water, excavation, solidification, and disposal of 265 tons of coal dust material each year. The contract was a 5-year contract.</p>




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<p>Huron County Landfill Leachate Collection System</p> <p>Huron County, OH</p>	<p>Huron County Commissioners</p> <p>\$575,000</p>		<p>A.S.T. constructed a leachate collection system covering eight acres of the landfill. Work consisted of installing 3,000 feet of HDPE line, 3,500 feet of dual containment HDPE force main, and a 26 feet x 80 feet concrete dike area and two new 20,000-gallon fiberglass storage tanks. The storage tanks are used to store extra leachate collected from the new system. Also involved in the project was the construction of a 10,000 gallon concrete lift station and all electrical work associated with two pumps capable of pumping 100 gpm at 100 feet of head.</p>
<p>Stackpole Clay Pits Landfill Cap (Closure of 10 acre Landfill)</p> <p>St Marys, PA</p>	<p>Stackpole Carbon Corporation</p> <p>\$522,000</p>		<p>A.S.T. worked with Stackpole and their engineer to construct a clay cap over a 10-acre landfill. Work consisted of clearing and grubbing the landfill and a clay borrow site, constructing an extensive settling pond, and regrading 27,000 cubic yards of landfill waste. Additionally, A.S.T. excavated and hauled over 63,000 cubic yards of clay for the construction of the landfill cap.</p>
<p>Cedarville Waste Water Sludge Lagoon</p> <p>Cedarville, Ohio</p>	<p>Green County Engineering</p> <p>\$484,000</p>		<p>A.S.T. performed all work to test, stabilize, remove, and dispose of approximately 8,000 tons of sludge. A.S.T. first performed a sludge stabilization test to evaluate four different solidification agents over a 21-day curing period. A.S.T. then selected the proper solidification materials and initiated field activities. A.S.T. removed all surface waters, solidified all sludge, and excavated sludge and underling soils. A.S.T. documented the curing of sludge for 48 hours in compliance with OEPA prior to off-site disposal.</p>
<p>Old O-Field Landfill Permeable Infiltration System (Ranked #2 on Superfund List) Aberdeen Proving Ground, MD</p>	<p>U.S. Army Corps of Engineers & Roy F. Weston, Inc.</p> <p>\$366,000</p>	<p style="text-align: center;">Restricted Area</p> <p style="text-align: center;">Photographs Prohibited</p>	<p>A.S.T. installed subsurface trickling and air monitoring systems as part of the installation of a multi-layer cap for a 5-acre landfill-containing WWI and WWII chemical munitions. 12,000 liner feet of HDPE pipe was installed on the prepared landfill surface. The trickling system will facilitate the application of bio-corrosion and other solutions in the subsurface of the landfill cap to enhance the degradation of the buried ammunition's metallic casings and assist the hydrolysis of any chemical warfare agents released. Over 10,000 liner feet of the geo-composite strip material was installed as an air monitoring system. The chemical weapons in this landfill, required low ground pressure equipment (i.e. < 4.8 psi).</p>



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<p>Surface Water Intercept Drainage Control Project</p> <p>Miamisburg, OH</p>	<p>U.S. Department of Energy</p> <p>\$526,000</p>		<p>A.S.T. performed all work to install 1,350 lineal feet of concrete surface water interceptor trenches. A.S.T. performed all excavation and relocation of contaminated soils, preparation of trench subgrade, and concrete trench construction. Additionally, A.S.T. installed a 500 foot long, 28-inch diameter sewer line to discharge contaminated runoff. All concrete interceptor trenches were covered with metal grates for vehicular access. Upon completion of backfilling around trench sidewalls and the sewer line, all disturbed areas were resurfaced with asphalt or reseeded.</p>
<p>Drum Excavation & Landfill Cap (CSX Parsons Rail Yard)</p> <p>Columbus, OH</p>	<p>CSX Railroad Kemron Environmental Services, Inc</p> <p>\$76,000</p>		<p>A.S.T. performed work necessary to excavate and remove buried drums from a 133 acre site. All drums were safely over-packed and staged to a central location prior to sampling for waste characterization and off-site disposal. Additionally, A.S.T. collected, staged, and crushed all empty drums from the site for disposal as scrap metal. A.S.T. also performed all work to cap a 1.5-acre landfill of boiler scale slag. This included placement, grading, and compaction of soil cover.</p>
<p>Reconstruct & Cap North Landfill</p> <p>Coshocton, Ohio</p>	<p>Clow Pipe</p> <p>\$512,000</p>		<p>A.S.T. performed all work required to reconstruct and cap the North Landfill for Clow Water Systems. Project included soil testing for determination of an acceptable clay material to meet a 1.0×10^{-6} cm/sec permeability. A.S.T. made all necessary arrangements for borrow area, transportation, placement and compaction of over 30,000 cubic yards of clay/borrow onto the reconstructed and regraded landfill.</p>
<p>Drum Excavation, Sampling & Disposal</p> <p>Paris, Illinois</p>	<p>Eagle Picher Industries, Inc./CEC Environmental Consultants, Inc.</p> <p>\$96,000</p>		<p>A.S.T. performed excavation of drummed material, drum staging, sampling and disposal. Excavation and waste management efforts were performed in Level B (breathing air) personnel protective equipment. A.S.T. performed drum handling, excavation, waste evaluation and contaminated materials management without incident. A.S.T. excavated over 4,000 cubic yards of contaminated soils. A.S.T. provided the Client significant cost savings through proposing alternative onsite elemental stabilization using a lime based solidification agent in order to eliminate the RCRA hazardous characteristics in the soil.</p>

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<p>Wayland Wastewater Treatment Plant</p> <p>Wayland, Kentucky</p>	<p>Southern Water and Sewer District</p> <p>\$1,203,000</p>		<p>A.S.T. constructed 200,000 gallon per day wastewater treatment plant. Work included site grading; construction of concrete pads for steel tanks; installation of sewage pump station; installation of piping (wastewater, potable water, electric conduit); installation of steel tanks; installation of micro-screen filters; installation of a laboratory; and installation of electrical supply and control system. Also, included was the installation of security fencing and all site restoration.</p>
<p>Replace Carl Perkins Wastewater Treatment Plant</p> <p>Thelma, Kentucky</p>	<p>Kentucky Department for Facilities Management</p> <p>\$201,000</p>		<p>A.S.T. constructed 25,000 gallon per day wastewater treatment plant. Work included site grading; construction of concrete pads for steel tanks; installation of piping (wastewater, potable water, electric conduit); installation of steel tanks; and installation of electrical supply and control system. After switching over from the old plant to the new plant, A.S.T. demolished the old plant and backfilled the area. Also included was the installation of security fencing and all site restoration.</p>
<p>Legacy Estates Subdivision</p> <p>Nicholasville, Kentucky</p>	<p>Star Mountain Development</p> <p>\$1,400,000</p>		<p>A.S.T. was responsible for the construction of an exclusive 60-acre residential development. Project included all site grading; construction of 5000 linear feet of 28-foot wide asphalt streets with associated concrete curbing and sidewalks; installation of storm water structures and piping; installation of waterlines; installation of electric, telephone and tele-cable conduits; construction of an arch culvert bridge; and construction of a front entry system.</p>
<p>Remediation of Sundstrand Facility (SVE System)</p> <p>Lima, Ohio</p>	<p>Phoenix National, LLC</p> <p>\$83,000</p>		<p>A.S.T. performed a pilot test at the site to evaluate the feasibility of installing a treatment system. After evaluation of the data and consent by Ohio EPA, A.S.T. installed a soil vapor extraction/air sparging system in an area of volatile organic contamination that is surrounded by buildings. After all wells and piping were installed, A.S.T. installed a 7,000 square foot HDPE surface liner to prevent short-circuiting. A.S.T. continues to perform operation/maintenance and monitoring for this ongoing project.</p>

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<p>Soil Vapor Extraction/Air Sparge System</p> <p>Middletown, Ohio</p>	<p>AEP Flexo Inc.</p> <p>\$97,000</p>		<p>A.S.T. performed all design, construction, drilling, and installation of a soil vapor extraction (SVE)/air sparge (AS) system to remove PCE contamination from soils and groundwater at this industrial facility. Following the pilot study, A.S.T. installed a SVE system consisting of nine (9) vertical extraction wells, one (1) horizontal extraction well, along with six (6) deep AS wells and six (6) shallow AS wells. The deep and shallow AS wells are operated in twelve-hour cycles through the use of electric timer controlled solenoid valves.</p>
<p>Soil Vapor Extraction, Air Sparging, and Bio-remediation</p> <p>Cincinnati, Ohio</p>	<p>Hudepohl Schoenling Brewery</p> <p>\$93,000</p>		<p>A.S.T. performed all design, construction, and installation of a soil vapor extraction/air sparging system to remove petroleum hydrocarbon contamination in soils and groundwater. This soil vapor extraction/air sparge system includes ten vertical extraction wells along with nine air sparge wells. The system was augmented with the injection of bioremediation microorganisms into six injection wells. This system obtained a "No Further Action " status from Ohio EPA.</p>
<p>Dual Phase Vapor Extraction System</p> <p>Dayton, Ohio</p>	<p>Montgomery County Engineers</p> <p>\$152,000</p>		<p>A.S.T. performed all design, construction, drilling, and installation of a dual phase soil vapor extraction (DPSVE) system to remove petroleum contamination in soils and groundwater at former County maintenance facility. The DPSVE system was constructed and housed in a modular building. The system included twenty-six dual phase vertical extraction wells. A.S.T. performed initial start-up and testing of entire system, which included three weeks of real-time (i.e. 2-hour turnaround time) vapor monitoring for GC testing in A.S.T.'s on-site mobile laboratory.</p>
<p>Soil Vapor Extraction & Air Sparging System</p> <p>Dayton, Ohio</p>	<p>Gayston Corporation</p> <p>\$221,000</p>		<p>A.S.T. performed all design, construction, and installation for this soil vapor extraction/air sparging system to remove volatile organic contamination in soils and groundwater over a 1.5 acre industrial site. This soil vapor extraction/air sparge system included 13 vertical extraction wells, along with eleven air sparging wells. A.S.T. performed initial testing and start-up of entire system. Additionally, A.S.T. performed the monthly operation, maintenance, and monitoring of the system.</p>

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<p>Groundwater Containment and Recovery System</p> <p>Cincinnati, OH</p>	<p>Evergreen Limited Partnership</p> <p>\$98,000</p>		<p>A.S.T. performed all construction and installation required for this groundwater recovery system beneath a chemical distribution warehouse. A.S.T. installed recovery wells, groundwater pumps, air compressor & refrigerated air dryer, and all associated air supply & water discharge lines. A.S.T. excavated over 600 feet of trench, approximately 3-feet in depth, for placement of all air supply and water discharge lines into a 6-inch diameter PVC pipe conduit. Locking utility boxes and sampling station were installed along the conduit and at the recovery wells.</p>
<p>Installation of Permeable Reactive Barrier Wall</p> <p>Cincinnati, OH</p>	<p>KDI Precision Products, Inc.</p> <p>\$153,000</p>		<p>A.S.T. utilized this new technology to treat chlorinated solvent contaminated groundwater in-situ. Iron filing material was placed in a trench 13 feet deep, 850 feet long to treat this contaminated groundwater plume. This patented technology was installed according to project specifications and on schedule.</p>
<p>Chemical Injection (Chemical Oxidation)</p> <p>Urbana, OH</p>	<p>Confidential</p> <p>\$46,000</p>		<p>A.S.T. designed the chemical injection of Potassium Permanganate to chemically oxidize solvent contamination at this industrial site. Approximately 30 injection points were initially installed as part of a pilot test. Results indicated an excellent 80 -95% reduction of solvent levels at every sampling location. A full-scale system was thereafter installed utilizing a total of 310 injection points.</p>
<p>Removal of Fuel Storage Tanks & Power House Demolition In Industrial Zone I</p> <p>Bermuda Naval Air Station, Bermuda</p>	<p>Bermuda Land Development Co., LTD</p> <p>\$1,221,000</p>		<p>A.S.T. cleaned, purged, and demolished over 2.5 million gallons of fuel storage tanks and a former Navy Power House. There were two 880,000 gallon aboveground storage tanks and two 210,000 gallon bomb proof underground storage tanks (UST) with eleven other UST's of various sizes. The powerhouse was demolished and removed along with eight 100-ton generators. A.S.T. prepared the Work Plan for submittal to the Bermuda government and obtained all necessary permits. A.S.T. was also responsible for verification sampling, excavation and removal of impacted soils, treatment of groundwater and decommissioning of PCB transformers. Project was completed one month ahead of schedule.</p>

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<p>Contaminated Soil, Concrete, and UST Remediation</p> <p>Cincinnati International Airport</p>	<p>Delta Airlines</p> <p>\$175,000</p>		<p>A.S.T. performed all work required to remediate 14,000 tons of jet fuel contaminated soil, asphalt, and concrete. The project involved all work necessary to remove the foundation from a 1,000,000 gallon above ground storage tank and the removal and backfilling of two 15,000-gallon underground storage tanks along with all associated piping and utilities. Additionally, A.S.T. transported 3,000 tons of clay backfill from a borrow area to the site.</p>
<p>Removal of 23 Underground Storage Tanks</p> <p>U.S. Naval Air Station, Bermuda</p>	<p>United States Navy</p> <p>\$232,000</p>		<p>As lead contractor for a joint venture, A.S.T. performed all work required to clean, purge, remove and demolish 23 large underground storage tanks. Twelve of the tanks were 25,000 gallon or larger in size. The project required preparation of a detailed Safety and Work Plan that were approved by the Navy without revisions. A.S.T. prepared all submittals and performed all remedial work according to the Navy's requirements and schedule.</p>
<p>Removal of Underground Storage Tanks & Contaminated Soil (5 States)</p> <p>IN, WV, MS, AR, TN</p>	<p>Kroger Co. & Civil & Environmental Consultants</p> <p>\$1,150,000</p>		<p>A.S.T. performed all work required to clean, purge, and remove seven 12,000 gallon underground storage tanks. The project involved all work necessary to excavated, transport, and dispose of 28,000 tons of contaminated soil, asphalt, and/or concrete. A.S.T. also performed all work involved in the replacement of 33,000 square feet of concrete. The project took place at five separate locations in five different states.</p>
<p>Decontamination & Demolition of Former IBM Facility</p> <p>Lexington, KY</p>	<p>Civil & Environmental Consultants, Inc.</p> <p>\$460,000</p>	<p style="text-align: center;">Restricted Area</p> <p style="text-align: center;">Photographs Prohibited</p>	<p>A.S.T. performed all work required to decontaminate & demolish a pretreatment and wastewater treatment facility from a former chrome plating operation. A.S.T. cleaned over 1.6 million gallons of storage and process tanks including equalization basins, batch process tanks, clarifiers, transfer tanks and thickeners. Additionally, over three miles of process piping was flushed, cleaned or removed from service. Selective demolition included the removal of process piping, pumps and tanks without damage to buildings. All decontamination efforts were conducted in accordance with 29 CFR 1910.120 (Hazardous Waste Operations).</p>

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<p>Odorant Tank Decommissioning and Disposal (26 Sites)</p> <p>State of Alabama</p>	<p>Confidential Natural Gas Client</p> <p>\$450,000</p>		<p>A.S.T. performed odorant system decommissioning/cleaning services to remove unused mercaptan and decommission 85 odorant tanks. The odorant tanks types included: WorKing, Peerless, Williams, and homemade. A.S.T. designed and fabricated of vapor scrubbers to remove all nuisance mercaptan odors generated during the cleaning effort. After the mercaptan product was removed and containerized, the odorant vessels were cleaned. The cleaning process utilized Sodium Hypochlorite for the oxidation of the residual mercaptan. All wastes were then secured in proper containers, prior to demolition of the odorant systems.</p>
<p>Construction of A.S.T. Office & Warehouse</p> <p>Springboro, OH</p>	<p>A.S.T. Environmental, Inc.</p> <p>\$212,000</p>		<p>A.S.T. was prime contractor for construction of this 6,000 square feet office and warehouse building. A.S.T. secured all permits, finalized the design, performed all clearing & grading, purchased all materials, and construction managed the erection & installation of interior offices. The work was performed during months of inclement weather but was satisfactorily completed on time and under budget.</p>