



CAM Environmental Services provides Consulting, Assessment, and Management of your environmental, occupational health, and safety issues by offering a full range of environmental consulting, remediation design, and compliance services for industrial and commercial clients. Our expertise in a number of technical areas means better options for you.

STATEMENT OF QUALIFICATIONS

FOR

CAM Environmental Services

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Houston ♦ Beaumont ♦ Lake Charles ♦ Baton Rouge



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Branch Offices:

Port Arthur
Lake Charles
Baton Rouge

Site Offices:

Houston
Baytown
Texas City

CAM Environmental is

- ✓ HUB Certified
- ✓ SBE Certified

About CAM Environmental Services

CAM Environmental Services has been a quality provider of Environmental, Occupational Health, and Safety (EH&S) consulting, program development, and project monitoring services to industrial and commercial customers in the Gulf Coast since its start in 1986. Our proven field techniques in asbestos and lead analysis, environmental sampling, and industrial hygiene (IH) monitoring are designed to deliver timely, accurate information about worksite conditions and potential employee exposure.

CAM maintains a fulltime staff of over 100 EH&S professionals with technical backgrounds that range from Field Technicians to Certified Industrial Hygienists (CIH) and Certified Safety Professionals (CSP) with over 20 years experience. Operating from locations in Houston, Beaumont, Lake Charles, and Baton Rouge, CAM personnel can be at your jobsite providing consulting, assessment, and management of your EH&S needs within a minimal amount of time.

CAM Environmental has been designated a **Historically Underutilized Business** (HUB) by the Texas Building and Procurement Commission (TBPC) and a **Small Business Entity** (SBE) by the Port of Houston, Houston's Metropolitan Transit Authority (METRO), and the Southwest Texas Regional Certification Agency (SWTRC).



Some of CAM's professional licenses and certifications include:

- Texas Licensed Asbestos Consultant Agency, Asbestos Laboratory, and Asbestos Training Provider
- Texas Certified Lead Firm
- Texas Licensed Mold Assessment Company, Mold Analysis Laboratory, and Mold Training Provider
- Louisiana Certified Asbestos Laboratory and Asbestos Training Provider
- Laboratory is AIHA Accredited and NVLAP Certified

Environmental Consulting and Remediation Design

Clients or Projects:

Texas Air National Guard (Ellington Field)
BP Amoco
US Army Corps of Engineers
ExxonMobil
Dallas Independent School District
Port of Houston
Arkansas Statewide Litigation Project
City of Houston
TX Department of Transportation (TxDOT)



Environmental Consulting and Remediation Design

Potential environmental liabilities are a serious concern for any property owner. CAM Environmental offers a number of assessment, consulting, and remediation design services that can determine the presence and extent of any environmental liabilities that may be created by acquiring or owning property. Should any liabilities be found to exist, our teams of environmental and regulatory professionals will work with you to provide realistic, cost-effective options for their remediation. CAM is your single source for a full range of environmental services covering every aspect of site assessment, consulting, and remediation design.

Our Consulting and Remediation Design services include:

- Asbestos and Lead Inspections, Risk Assessment and Abatement Design
- Environmental Site Assessments (Phase I, II, or III ESA's)
- Air, Soil, or Water Sampling
- Prevention, Contingency, and Corrective Action Plans
- Environmental and Geotechnical Sampling
- Wetlands Delineation
- Groundwater Sampling and Monitoring
- NORM monitoring
- Environmental Training (EPA, TxDSHS, LDEQ, or site specific)
- NPDES Compliance
- Expert Witness and Litigation Support

Project Snapshots



Texas Air National Guard (Ellington Field)

CAM conducted sampling, analysis, and remediation design and monitoring of jet fuel storage tanks coated with lead-based paint located next to a watershed. We also performed waste characterization sampling and developed a waste minimization plan for various base operations.



SFI – Gray Steel Company

This project involved the development of a facility-wide Storm Water Pollution Prevention Plan (SWPPP) for this Houston steel cutting plant in compliance with TPDES permit requirements. The Plan included inventory of pollutant sources as well as specific prevention measures, controls, and procedures.



Arkansas Statewide Litigation Project

CAM Environmental performed extensive soil and water sampling at numerous locations throughout Southern Arkansas as part of a statewide class action lawsuit. Sample locations included private property as well as public waterways and required the close coordination of field personnel and equipment in order to gain public understanding and support.

Schools and Commercial Buildings

Clients or Projects:

State of Louisiana
University of Houston
Maple Villas Apartments (Dallas)
Univision Communications
One Shell Plaza (Houston)
First City Tower (Houston)
Pasadena Independent School District
Clear Creek Independent School District
Pulte Homes
KB Homes



Schools and Commercial Buildings

Balancing the wants and needs of building users and staff while complying with applicable governmental regulations is a challenge for most property owners and facility managers. CAM Environmental provides a number of services designed to help you identify and manage the potential environmental liabilities associated with owning and operating commercial and public buildings. Whether it's sampling for asbestos or lead during renovations or tracking down the cause of mold and poor indoor air quality, CAM can keep you in compliance with regulations and minimize the chance of these issues becoming bigger problems down the road.

Our Schools and Commercial Building services include:

- Asbestos Surveys, Abatement Design, and Clearance Testing
- Asbestos O&M Plans
- Indoor Air Quality and Sick Building Investigations
- Mold Assessments, Remediation Design, and Clearance Testing
- Lead-based Paint Testing and Risk Assessment
- Water Intrusion Plans and Moisture Maps
- Property Condition Assessments (PCAs)
- Phase I and II ESA's
- Contractor Exposure Monitoring
- Public Relations Consulting

Project Snapshots



Clear Creek Independent School District

CAM has conducted asbestos surveys in addition to designing abatement protocols and performing contractor management and clearance sampling at a number of CCISD facilities. Our services have also included mold and Indoor Air Quality investigations.



University of Houston

Tropical Storm Allison damaged over half of the buildings at UH's Main Campus in Houston. CAM Environmental performed mold, IAQ, and bacterial sampling, remediation design, contractor project management, clearance sampling, and public relations. The project was completed on time with priority buildings ready for the Fall Semester.



Univision Communications

CAM conducted a complete mold survey, remediation design, and clearance of an entire 7-story building that had been flooded by a burst sprinkler head. The building was being renovated to hold state-of-the-art recording and broadcast studios as well as administration offices. CAM also performed on-site contractor monitoring during remediation activities.

Industrial and Turnaround Support

Clients or Projects:

ExxonMobil
Chevron Phillips
Valero Refining
AltairStrickland
BP Amoco
Shell Chemical
Lyondell Houston Refinery
Brock Maintenance
Pasadena Refining Systems, Inc.
Protherm Services Group



Industrial and Turnaround Support

The Occupational Health and Safety Administration (OSHA) requires all US employers to provide their employees with a work environment that is free from recognized hazards. So how can you make sure that your employees are protected from the potential hazards at your jobsite? CAM Environmental has a number of on-staff Certified Industrial Hygienists (CIH) and Certified Safety Professionals (CSP) experienced in the identification, monitoring, and mitigation of occupational hazards and exposures. Our professionals can develop a safety and occupational health program that's tailored to your specific work activities, production process, and working conditions. From Asbestos Program Management to Industrial Hygiene, our experience can help you create a safe workplace.

Our Industrial and Turnaround Support services include:

- Industrial Hygiene Monitoring for chemicals, dust, noise, and metals
- Asbestos and Lead Surveys, Risk Assessment, Abatement Design, Air Monitoring and Clearance
- Safety Audits, Inspections and VPP Support
- Emergency Response and Planning
- Safety Training (OSHA and site specific)
- Hazard Analysis and Risk Assessments
- Hazard Communication (HAZCOM)
- Compliance Audits
- PPE Selection and Training
- Ventilation Plans for Confined Spaces

Project Snapshots



Industrial Turnaround Support

CAM provides T/A support services to numerous refineries and petrochemical plants throughout Texas and Louisiana including personal and area IH monitoring for noise as well as for organic and inorganic chemicals. Also included are safety and emergency response services.



BP Amoco (Texas City)

CAM conducted a plant-wide assessment of asbestos-containing materials (ACM) in response to an OSHA citation at the Texas City facility. Over 45,000 bulk samples were collected, analyzed, and managed without disrupting plant operations. The project was completed on budget and within a tight 7 month time frame.



Lyondell Houston Refinery

Functioning as an extension of the plant's IH department, CAM provides all Industrial Hygiene and asbestos/lead monitoring requirements for the entire facility. This project involves field sampling, data management, abatement design, contractor monitoring, and project management.

Waste Management and Characterization

Clients or Projects:

Texas Air National Guard (Ellington Field)
Williams Refinery (North Pole, AK)
ExxonMobil
Air Liquide America Corp
Port of Houston
Chicago Bridge and Iron
Chevron Cedar Bayou
Hurricane Katrina Cleanup (Slidell, LA)



Waste Management and Characterization

Having a good waste management strategy for your facility can mean the difference between profit and loss. As traditional forms of waste disposal become more costly, restrictive, and eventually unavailable, a management program that includes waste consolidation, minimization, recycling, and prevention, needs to be part of your facility's operating plan. Whether you're trying to manage waste streams as they are generated, or cleaning up stored waste from previous operations, CAM Environmental provides a number of waste management services ranging from site prevention plans to waste consolidation, manifesting and disposal. Working together, we can help you develop a strategy that will prevent waste related costs from draining your profitability.

Our Waste Management and Characterization services include:

- Waste Consolidation and Minimization Plans
- Field Sampling and Waste Characterization
- Hazardous Materials Management
- Lab Packing
- Pollution Prevention Plans
- Waste Storage and Disposal
- Bulk and Drum Handling / Storage
- Emergency Response Services
- On-site Waste Management
- HAZWOPER and Related Training Programs

Project Snapshots



Williams Refinery (North Pole, AK)

During a major turnaround of one of the main crude units, CAM technicians worked as staging officers directing the course and segregation of spent hydroblast water and other waste streams created by the turnaround. As a result, all waste hydroblast water was processed in-plant eliminating the cost of outside disposal.



Hurricane Katrina Recovery (Slidell, LA)

For this project, CAM personnel functioned as HAZWASTE Coordinators for an EPA-funded project involving the collection, characterization, consolidation, recycling, and/or removal of household hazardous waste throughout the Slidell, LA area after the area was hit by Hurricane Katrina.



Natural Gas Plant Demolition

Prior to the demolition of this decommissioned natural gas plant, CAM personnel were responsible for the sampling, identification, consolidation, manifesting, and disposal of all remaining chemical waste streams. CAM also conducted chemical monitoring during actual demolition activities.

Laboratory and Analytical

Clients or Projects:

ExxonMobil
East Baton Rouge Parish School System
BP Amoco
Protherm Services Group
Lyondell Houston Refinery
Basic Industries
Clear Creek Independent School District
Marathon Oil Corporation
Dallas Independent School District
Mobley Industrial Services
City of Pasadena



Laboratory and Analytical

Getting accurate and timely analytical results is key to successful project management. Laboratory data may help define the overall scope of work, levels of worker protection, as well as remediation and disposal methods so it's critical that you get data you can depend on. CAM Environmental's laboratory is licensed by the States of Texas and Louisiana and has been accredited by a number of professional agencies assuring you the highest levels of accuracy and quality. In addition, our Laboratory Information Management System interfaces seamlessly with CAM's Data Management Systems allowing us to match analytical results with relevant field data providing you a clearer picture of actual project conditions.

Our Laboratory and Analytical services include:

- Asbestos analysis (PCM Air and PLM Bulk analysis)
- Lead analysis (Air, Soil, or Water analysis by AA)
- Mold analysis (Spore Trap, Tape Lift, or Mini-VAC)
- AIHA and NVLAP Accredited
- Texas DSHS and Louisiana DEQ Licensed

Project Snapshots



Pasadena Refining Systems

During the demolition of a nearby manufacturing facility, CAM analyzed over 200 samples for lead in an effort to identify lead-containing coatings. This allowed affected cut points to be properly stripped preventing potential worker exposure to lead during cutting operations.



University of Houston

CAM's laboratory analyzed over 1,000 spore trap and tape lift samples for mold and fungal growth as part of Tropical Storm Allison recovery efforts providing next-day, and in many cases same-day, analytical results. This rapid analysis of samples was a significant factor in completing repair work in time for the start of the fall semester.



BP Amoco (Texas City)

This plant-wide survey required the timely analysis and reporting of over 45,000 asbestos bulk samples, many containing multiple layers. CAM Technicians structured work schedules in order to have analytical results ready for use by Project Managers the following day allowing the survey to be completed on time and within budget.

Data Management

Clients or Projects:

BP Amoco
ExxonMobil
East Baton Rouge School System
Lyondell Houston Refinery
Arkansas Statewide Litigation Project
University of Houston



Data Management

Modern instrumentation and field techniques are capable of generating a significant amount of site data within a very short period of time. As all that data flows in from a variety of sources and begins to quickly accumulate, the challenge then becomes: "How do you convert that raw site data into trends, predictions, and forecasts – all useful information that can be used to make informed decisions?" To help manage the constant flow of project and site data, CAM Environmental has the capability to develop either stand-alone or web-based data management systems that are designed to meet your project-specific goals and criteria.

Our Data Management services include:

- Database design
- Stand-alone or Web-based Data Management Systems
- Document Imaging and Scanning
- Customized Queries and Reports
- Import / Export Capabilities
- GIS / GPS Capabilities
- Interface with Client Applications



Project Snapshots

BP Amoco (Texas City)

During this plant-wide asbestos survey, we developed a custom Data Management System to track the results from more than 45,000 bulk samples taken at the Texas City facility. Field data was seamlessly merged with analytical data providing a data system that was relevant to plant operations, easy to query, and easy to keep updated.

East Baton Rouge Parish School System

A complete inventory of asbestos containing materials (ACM) for the entire school system is tracked electronically. Floor plans, sampled areas, and sample results are readily accessible from any school computer. Abatement and clearance reports are scanned and linked to abated areas keeping the system up-to-date and reliable.

University of Houston

As part of the Tropical Storm Allison recovery efforts, over 1,000 samples for mold and fungal growth were taken at 54 different buildings. All sample locations, field notes, diagrams, and sample results were tracked electronically in order to produce timely reports, conclusions, and recommendations for the Facilities & Maintenance Department as well as for University Management.

For more information, please visit:
www.cam-enviro.com



How to Contact Us

Our Pledge to You

There are a large number of environmental firms out there – any one of which would probably do a good job for you. What makes us different? First, the depth and range of our technical expertise sets us apart from other environmental firms that tend to specialize in one or two areas. Second, we have the field staff to respond quickly to your needs. The third difference is our commitment to understanding and exceeding your expectations.

**We will be there when you need us, we'll stay as long as it takes, and we'll do the job right.
That's our pledge to you.**

Hiram Perez

President
CAM Environmental Services

CAM Environmental Services

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