



October 27, 2023

Doris Abraham
Jefferson Parish Purchasing Department
200 Derbigny Street
General Government Building, Suite 4400
Gretna, LA 70053
Phone: 504.364.2690
DABRAHAM@jeffparish.net

Re: RFP: 5000143151 TWO (2) YEAR CONTRACT TO PROVIDE ENVIRONMENTAL TESTING AND CONSULTING IN COORDINATION WITH DEMOLITION PROCEEDINGS FOR THE DEPARTMENT OF CODE COMPLIANCE AND ENFORCEMENT (DANGEROUS BUILDING ABATEMENT)

Ms. Abraham:

We appreciate the opportunity to provide you with our proposal in response to RFP: 5000143151 TWO (2) YEAR CONTRACT TO PROVIDE ENVIRONMENTAL TESTING AND CONSULTING IN COORDINATION WITH DEMOLITION PROCEEDINGS FOR THE DEPARTMENT OF CODE COMPLIANCE AND ENFORCEMENT (DANGEROUS BUILDING ABATEMENT). Please find attached all of the applicable information to satisfy the requirements for the referenced RFP. It is TES's intent to supply a complete proposal package in order to assist the proposal review team with determination of successful proposer.

If you should need any additional information, please contact me using the information shown below. Thank you and we look forward to the potential opportunity to assist you in the future.

Sincerely,
James R. Clarke, MBA

A handwritten signature in black ink that reads "James R. Clarke". The signature is written in a cursive style and is positioned above the printed name and title.

Director of Environmental Services
Technical Environmental Services, Inc
5133 Taravella Road
Marrero, LA 70072
Office: (504) 348-3098
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**PROPOSAL FOR RFP:
5000143151 TWO (2) YEAR CONTRACT TO PROVIDE
ENVIRONMENTAL TESTING AND CONSULTING IN
COORDINATION WITH DEMOLITION PROCEEDINGS FOR THE
DEPARTMENT OF CODE COMPLIANCE AND ENFORCEMENT
(DANGEROUS BUILDING ABATEMENT)**

JEFFERSON PARISH GOVERNMENT

October 27, 2023
TES Job #: JP Asbestos RFP

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EXECUTIVE SUMMARY:

This proposal is valid for 30 days from the date of submission. TES agrees to the contract terms as stated in the RFP: 5000143151 TWO (2) YEAR CONTRACT TO PROVIDE ENVIRONMENTAL TESTING AND CONSULTING IN COORDINATION WITH DEMOLITION PROCEEDINGS FOR THE DEPARTMENT OF CODE COMPLIANCE AND ENFORCEMENT (DANGEROUS BUILDING ABATEMENT). The proposer agrees to the terms and conditions as listed in **Attachment A**. Upon reward of the contract, the proposer will work with the client to finalize the wording of the contract and execution of the document. TES's project manager completing this proposal is James Clarke, who can be contacted at (504) 348-3098 (office) or jclarke@tesconsult.com . The authorized signatory for TES will be James Clarke, who can be contacted at (504) 348-3098 (office) or jclarke@tesconsult.com .

CORPORATE BACKGROUND AND EXPERIENCE:

Technical Environmental Services, Inc. (TES) is a Louisiana-based, comprehensive, loss control, engineering firm offering environmental consulting, industrial hygiene, safety, turnaround safety services, and EH&S training to clients throughout the United States. TES is different from other technical consulting firms because we offer a full-spectrum, integrated service approach to assist our clients with their loss control needs.

To support the full spectrum of services offered, TES has On Staff:

- Professional Engineer (PE);
- Professional Geoscientist (PG);
- Certified Industrial Hygienists (CIH);
- Certified Safety Professionals (CSP);
- Associate Safety Professionals (ASP);
- Graduate Safety Practitioners (GSP);
- Environmental Professionals;
- Environmental Scientists;
- IICRC Water Restoration Technicians (WRT);
- Accredited asbestos project designers, management planners, supervisors, and inspectors; and,
- Accredited lead supervisors, risk assessors, and inspectors.

Established in 1984, TES has built an extensive client-base throughout the United States but focused on the southeast region of Louisiana. We provide services to many Fortune 500 clients, and have developed long-term, ongoing relationships with a multitude of small and medium-sized companies as well. Being

strategically located in the central Gulf South enables us to effectively service companies nationwide. Our experienced staff of knowledgeable and certified professionals is available to assist your facility in developing sustainable solutions for your loss control concerns. TES is also capable of and has extensive experience in assisting in emergency response situations as a result of natural or manmade disasters.

PERSONNEL QUALIFICATIONS:

REQUIRED AND PREFERRED MINIMUM QUALIFICATIONS

1. **REQUIRED:** The individual performing the asbestos testing shall have an accredited Asbestos Inspector Certification approved by the Louisiana Department of Environmental Quality (LDEQ). The Contractor shall provide a copy of its current certification with bid submission.

The proposed TES team is referenced in the table below. All resumes, licenses, and certificates can be viewed in **Attachment I**.

Prime Consultant Key Personnel

Title	Name/Company	Time Allocation (%)
<p>Technical Environmental Services, Inc.</p> <ul style="list-style-type: none"> ➤ LA Licensed Contractor ➤ LA Licensed Professional Engineering Firm 	TES	100
<p>Principal Project Manager</p> <ul style="list-style-type: none"> • Master of Business Administration • EPA Environmental Professional • HAZWOPER • Asbestos Management Planner • Asbestos Inspector • Asbestos Contractor Supervisor • NIOSH 582 Equivalency Trained • Lead Inspector • Mold Inspector • IICRC Water Restoration Technician • AutoCAD/Publisher/GIS Experience • TWIC • 16 Years of Experience 	James R. Clarke, MBA – TES	100
<p>Backup Principal Project Manager</p> <ul style="list-style-type: none"> • LA Professional Geoscientist • Master of Business Administration • EPA Environmental Professional • HAZWOPER 40-Hour 	Jack E.B. Rader, PG – TES	100

Title	Name/Company	Time Allocation (%)
<ul style="list-style-type: none"> • Asbestos Inspector • Lead-Based Paint Inspector • Indoor Air Quality/Mold Assessments • Risk Management of Hazardous Waste • Phase I/II/III Environmental Site Assessments • Brownfield Grant Management • Solid Waste Consulting & Management • Geotechnical Investigations for Landfill Expansions • Monitor Well Network Design, Installation & Monitoring • Environmental Risk Mitigation Relating to Potential Facility Procurement • Environmental Permitting & Compliance • Remediation System Design & Maintenance • Underground Storage Tank (UST) Removal Oversight • Stormwater Pollution Prevention Plan (SWPPP) Development • Spill Prevention Control & Countermeasure Plans (SPCC) and Spill Prevention Control Plans (SPC) Development • Wetland Delineation Experience • Tier II Reporting • RCRA Trained • AutoCAD/Publisher/GIS Experience • TWIC • 14 Years of Experience 		
<p>Principal Project Reviewer</p> <ul style="list-style-type: none"> • LA Professional Engineer • Certified Industrial Hygienist • Certified Safety Professional • Litigation Expert Witness Experience • Asbestos Inspector • Mold Inspector • TWIC • 15 Years of Experience 	<p>Cullen Whittaker, P.E., CIH, CSP – TES</p>	<p>100</p>
<p>Backup Principal Project Reviewer</p> <ul style="list-style-type: none"> • Certified Industrial Hygienist • Certified Safety Professional • Master of Science in Public Health • Asbestos Designer 	<p>Chris Robertson, MSPH, CIH, CSP – TES</p>	<p>100</p>

Title	Name/Company	Time Allocation (%)
<ul style="list-style-type: none"> • Asbestos Management Planner • Asbestos Inspector • Lead Supervisor • Litigation Expert Witness Experience • TWIC • 21 Years of Experience 		
<p>Assistant Project Manager</p> <ul style="list-style-type: none"> • Asbestos Inspector • Asbestos Contractor Supervisor • Mold Inspector • RCRA & DOT Trained • TWIC • 3 Years of Experience 	Katelynn Hofmann, GSP – TES	100
<p>Assistant Project Manager</p> <ul style="list-style-type: none"> • Asbestos Inspector • Asbestos Contractor Supervisor • NIOSH 582 Equivalency Trained • IICRC Water Restoration Technician • TWIC • 5 Years of Experience 	Bradley Bigner – TES	100
<p>Senior EH&S Associate</p> <ul style="list-style-type: none"> • Stormwater Management Experience • Asbestos Inspector • Asbestos Contractor Supervisor • Lead Inspector • Lead Risk Assessor • Mold Inspector • RCRA & DOT Trained • TWIC • 8 Years of Experience 	Thomas Arnold, Jr. – TES	100
<p>EH&S Technician</p> <ul style="list-style-type: none"> • Toxicology Degree • RCRA Trained • TWIC • 5 Years of Experience 	Khalid Val Allen – TES	100

Technical Environmental Services, Inc. Team***Chris Robertson, MSPH, CIH, CSP – President and Chief Executive Officer***

Mr. Robertson has over twenty years of experience in the EH&S fields. He is currently certified in the comprehensive practice of industrial hygiene (Certificate #9304) by the Board of Global EHS Credentialing and certified in the comprehensive practice of safety (Certificate #21038) by the Board of Certified Safety Professionals. Chris received a Bachelor of Science Degree in Biology from Our Lady of Holy Cross College and a Master of Science in Public Health for Industrial Hygiene from Tulane University. He has personally worked for several industries, including pulp and paper, mining, commercial, energy, state agencies, refineries and chemical plants working both as an owner and as a contractor. Mr. Robertson has personally designed and/or supervised the design of safety and health programs and systems to enable sites to achieve their safety goals. Using his extensive experience and knowledge, along with working alongside TES and client employees during turnarounds and shutdowns, he has assisted many clients with efficient and safe turnarounds/shutdowns.

Cullen C. Whittaker, PE, CIH, CSP, COHC – Senior Environmental, Health & Safety Engineer

Mr. Whittaker has over fourteen years of experience in the EH&S fields. He is a Professional Engineer (PE), Certified Industrial Hygienist (CIH), and Certified Safety Professional (CSP) who has been working in the fields of occupational health and safety since 2011. He is also a Certified Occupational Hearing Conservationist (COHC) and a Radiation Safety Officer (RSO). Mr. Whittaker is a member of the American Conference of Governmental Industrial Hygienists (ACGIH) and the American Industrial Hygiene Association (AIHA). Within AIHA, he is a national member and sits on the Exposure Assessment Strategies Committee, the Noise Committee, and the Defining the Science Advisory Group, as well as current and previous stints as a local section officer for the Deep South Section of AIHA. Mr. Whittaker was born and raised in the New Orleans area and has been living in Baton Rouge, Louisiana since 2008. He graduated from Louisiana Tech University with a Bachelor of Science in Biomedical Engineering with a medical concentration in March 2008. In the summer of 2016, he received a Graduate Certificate from Tulane University School of Public Health and Tropical Medicine for Industrial Hygiene by completing four graduate level courses: Fundamentals of Industrial Hygiene, Toxicology, Air Sampling, and Ventilation. He has attended several professional development courses and other training classes on occupational exposure assessments over the years through AIHA and other organizations. Over the years, Mr. Whittaker has worked on numerous types of projects relating to occupational health and safety, from oil & gas/petrochemical to consumer product manufacturing to government agency to residential. He has experience investigating exposures to fumes, vapors, particulates, fibers, mold, noise, and more. In his current role at TES, Mr. Whittaker is responsible for conducting most of the workplace exposure assessments for clients, performing advanced statistical analysis of exposure data, and writing reports detailing the findings.

James R. Clarke, MBA – Director of Environmental Services

Mr. Clarke has been practicing comprehensive environmental consulting for over fifteen years. He possesses a Master of Business Administration (MBA) degree from Louisiana State University at Shreveport, a Bachelor of Science (BS) degree in Construction Engineering Technology from the University of Southern Mississippi, an Associate of Applied Science (AAS) degree in Architectural Engineering Technology from Holmes Community College, and an Associate of Arts (AA) degree in General Studies from Holmes Community College. Mr. Clarke is responsible for directing the Environmental Division at TES. This includes directing both technical and non-technical professionals. His experience includes conducting asbestos surveys and air monitoring, lead inspections, indoor environmental quality and mold assessments, Resource Conservation and Recovery Act (RCRA) hazardous waste program development and management, risk management, compliance auditing, data management, respiratory protection, personal protective equipment, and training. He has performed and/or managed the performance of thousands of environmental consulting projects throughout a wide range of industries for dozens of major clients.

Stephen Stamm, CSP – Vice President of Operations

Mr. Stamm is an Environmental, Health and Safety Professional with 15 years of experience and holds a Bachelor of Science Degree in Marine Safety and Environmental Protection from Massachusetts Maritime Academy. Having serviced many oil and gas, refining, and petrochemical facilities, his areas of experience includes; project management, industrial hygiene monitoring, staffing, and developing and implementing EHS programs. Mr. Stamm is responsible for managing the Plant Safety Services division at TES. This includes the management and assignment of both technical and non-technical professionals, such as: safety managers, safety professionals, permit writers, and safety attendants. These professionals are allocated to various client sites during maintenance, turnaround, and construction activities.

Jack E. B. Rader, PG – Environmental Compliance Manager at TES, Inc.

Mr. Rader has over fourteen years of experience working in the EH&S fields. He is an accomplished environmental geologist with a wide range of skills and expertise in managing and leading multi-phase environmental and geotechnical projects. With years of experience in subsurface and surficial contamination assessments and remediation, Phase I and II Environmental Site Assessments, landfill/rubbish site permitting and cell expansions, Illicit discharge detection, asbestos and lead-based paint inspections, surface mine permitting, stormwater permitting and more, he has gained a reputation as a skilled and knowledgeable professional in the field. Mr. Rader grew up in Washington D.C. and has been living in New Orleans, Louisiana since 2014. He graduated from Millsaps College in Jackson, Mississippi with a Bachelor of Science in Geology in 2009, passed the ASBOG on his first attempt and received his professional geoscientist license in 2014. After moving to New Orleans, he received his MBA from Tulane University, Freeman School of Business in 2019. Mr. Rader has provided environmental consulting services to a diverse range of companies, including oil refineries, pipeline and production facilities, landfills, rubbish sites, infrastructure development, underground storage

tanks, surface mining, commercial and industrial development. He is known for his ability to provide practical solutions to complex environmental problems while maintaining a strong focus on regulatory compliance and safety.

Katelynn Hofmann, GSP – Assistant Environmental Services Manager

Ms. Hofmann is a Graduate Safety Professional (GSP) and is the Assistant Environmental Services Manager who has been managing environmental projects since 2020. Ms. Hofmann possesses a Bachelor of Science degree in Safety, Health, and Environmental Occupation from Southeastern Louisiana University. Her experience includes conducting asbestos surveys and air monitoring, indoor environmental quality/mold, hazardous waste program management, risk management, and compliance auditing. Ms. Hofmann is responsible for the management and assignment of both technical and non-technical professionals, such as: environmental technicians.

Bradley Bigner – Assistant Environmental Services Manager

Mr. Bigner has over five years of experience working in the EH&S fields. In his current role, Bradley assists in the management of various projects involving Environmental, Health, and Safety services across the United States. He also performs asbestos inspections and air sampling, lead air sampling, mold air sampling, data entry, and assists in the management of hazardous waste. Mr. Bigner has experience working in refineries, chemical plants, schools, and universities. Since 2020, he has conducted AHERA 3-year re-inspections and 6-month periodic surveillances for all facilities managed by the Jefferson Parish Public School System. Bradley has supervised several Safety Attendant turnarounds, storm responses, and served as a safety representative at various locations.

Thomas Arnold – Environmental, Health & Safety Associate

Mr. Arnold has over eight years of experience working in the EH&S fields. In his current role, he performs asbestos bulk and air sampling, lead bulk and air sampling, mold air sampling, DustTrak sampling, noise dose sampling, data entry and assists with the management of hazardous waste. Thomas has experience working in Government facilities, refineries, chemical plants, schools, and universities. In addition, he performs community monitoring, indoor air quality (IAQ) assessments and manages safety personnel during plant and refinery turnarounds.

Noel Pooley, Financial Controller

Mr. Pooley, fulfilling the role of Financial Controller, has been with the company since 2017. Noel possesses a Bachelor of Science degree in Finance from the University of New Orleans. His experience with the operational side of the company includes the management of accounts receivable with an emphasis on deposits and aging

receivable, review and management of contracts, payroll, employee 401K benefits management, contract audit manager, accounts payable processing, third party safety site manager.

SCOPE OF WORK:

Asbestos Testing

Jefferson Parish Department of Code Compliance & Enforcement anticipates that certain of its projects will be required by the Louisiana Department of Environmental Quality to have asbestos testing performed. Contractor is to provide all necessary equipment, materials, transportation, and labor for said services. Projects must be accomplished in a quality and timely manner.

SCHEDULE, APPROACH AND METHODOLOGY:

Asbestos Surveys

Asbestos surveys identify and assess the presence of asbestos-containing materials (ACMs) in buildings or structures. Proper sampling is essential for regulatory compliance and the safety of occupants and workers.

1. Certified Personnel:

- Ensure that individuals conducting asbestos bulk sampling are LDEQ certified and trained in asbestos sampling techniques and safety protocols.

2. Survey and Assessment:

- Conduct a thorough visual assessment of the building or structure to identify potential ACMs.
- Determine the locations and types of materials suspected to contain asbestos.

3. Prepare a Sampling Plan:

- Develop a detailed sampling plan that outlines the objectives, locations, and methods for collecting samples.
- Include a description of the suspected materials, potential health hazards, and the scope of the survey.

4. Assemble Sampling Supplies:

- Gather the necessary supplies, including personal protective equipment (PPE), sampling tools (e.g., chisels, scrapers, gloves), disposable bags, labels, and clean containers for sample storage.

5. Safety Precautions:

- Ensure the safety of the sampling team and others by following asbestos safety guidelines, including wearing appropriate PPE such as respirators, disposable coveralls, and gloves.
- Set up containment barriers, if needed, to prevent the spread of asbestos fibers.

6. Sample Collection:

-
- Carefully collect bulk samples of suspected ACMs by using approved sampling methods, such as:
 - Cutting a small section of the material with a clean, sharp tool (e.g., knife or chisel).
 - Sampling through drilling or coring, if necessary.
 - Sampling bulk insulation materials, plaster, floor tiles, or other materials as appropriate.
7. **Sample Labeling and Documentation:**
 - Label each sample container with a unique identifier that corresponds to the location of the sample.
 - Document the date, time, location, description of the material, and any relevant observations on the sample collection form and photographic log.
 8. **Sample Handling:**
 - Place each sample in a labeled, airtight container or bag to prevent contamination or fiber release during transportation.
 9. **Cleanup:**
 - Clean and decontaminate sampling tools and equipment to prevent cross-contamination.
 - Remove and properly dispose of PPE and containment materials, following regulatory requirements.
 10. **Transportation and Storage:**
 - Ensure that collected samples are transported to an accredited asbestos testing laboratory in accordance with regulatory guidelines.
 - Store samples in a secure, labeled, and sealed container to prevent contamination or fiber release.
 11. **Laboratory Analysis:**
 - Submit the samples to an accredited laboratory specializing in asbestos analysis.
 - Request analysis methods compliant with relevant regulations, such as EPA Method 600/R-93/116 for polarized light microscopy (PLM) analysis.
 12. **Interpretation of Results:**
 - Review the laboratory report to determine if asbestos is present in the sampled materials.
 - Identify the type and percentage of asbestos fibers present, if applicable.
 13. **Reporting and Documentation:**
 - Document the laboratory results and their implications for the building or structure.
 - Prepare a comprehensive report that includes the sampling plan, methodology, results, and recommendations for management or abatement, if necessary.
 14. **Risk Assessment:**
 - Conduct a risk assessment based on the laboratory results to determine the potential health risks associated with the identified asbestos-containing materials.
 15. **Regulatory Compliance:**
 - Ensure compliance with local, state, and federal regulations related to asbestos sampling, analysis, and management.
-

16. Asbestos Project Design Specifications:

- Develop asbestos project design specifications to provide guidance on asbestos abatement, management, and air monitoring, as required.
- LDEQ certified asbestos project designers and supervisor/contractors will develop the asbestos design specifications and conduct asbestos air monitoring during abatement activities and collect post-abatement clearance sampling.

17. Communication:

- Communicate the findings and recommended actions to relevant parties, including building owners, occupants, and regulatory authorities, as necessary.

Properly conducted asbestos surveys, design specifications, and air monitoring are important elements of managing asbestos-containing materials safely and in compliance with environmental regulations. TES will provide LDEQ certified asbestos professionals and adhere to applicable regulatory requirements during the sampling process.

Examples of previous reports can be found in **Attachment F**. Certain private information has been removed from the reports to protect the client's information.

PREVIOUS EXPERIENCE:

TES has performed hundreds of asbestos inspections of Parish facilities scheduled for demolition in the Greater New Orleans Area, to determine if suspect materials were classified as Asbestos Containing Materials. TES has held this contract for nearly 7 years.

In the aftermath of Hurricane Ida, TES assisted one of the largest public-school systems in Louisiana by conducting asbestos and mold assessments at over 70 schools impacted by the storm. In the aftermath of Hurricane Ida, TES mobilized inspectors to the sites to collect bulk and air samples, as well as moisture mapping. TES' inspectors drove samples to an accredited laboratory in Baton Rouge, which resulted in same day results. TES has developed hundreds of asbestos project designs and conducted air monitoring for this client for over 3 decades.

TES performed a limited asbestos and lead inspection at a power provider facility in New Orleans, LA. Bulk asbestos samples were collected and analyzed for asbestos during this inspection and lead paint chip samples were collected and analyzed to determine lead concentration by weight during this study.

TES provided asbestos inspections, project designs and construction management for the abatement that occurred at an Elementary School during the summer of 2019. 33,000 square feet of asbestos containing flooring material was abated, with new vinyl floor tile applied back before the return of school personnel. Due to the scope of this project, TES managed the public bid that took place prior to abatement activities. TES also

provided daily air monitoring and clearance sampling for multiple containments. TES is currently in good standing and has continued its relationship with the client.

TES provided asbestos air monitoring during the abatement of all asbestos containing thermal system insulation in the Unit located at the refinery in St. Bernard Parish. TES conducted air monitoring throughout the entirety of the abatement project, which took place between October of 2018 and February of 2019. Additionally, a TES CIH performed a comprehensive exposure risk assessment. The risk assessment was used to develop the subsequent IH sampling plan. Once the sampling plan was approved by the site in 2011, TES's IH Technicians performed the full-shift, short-term and job-task sampling. The sampling data and laboratory results were inputted into a master spreadsheet for submittal to the client. Employee notifications were developed by TES and presented to the client for approval and distribution. A final report was developed to detail the scope of the sampling, project background information, sampling methodology, sampling equipment, sampling results, discussion of the results, and recommendations. A power point presentation summarizing the project was also developed and provided to the client. The site's plan is to perform enough monitoring per SEG per analyte to perform statistical analysis. The Corporate CIH found no issues with the program and offered TES's contact information to several other Valero sites that needed IH program management and sampling. TES inputted the site's recent data into *Essential Suites*. TES now has three personnel trained to use *Essential Suites*. In addition to the above routine sampling, TES has provided the personnel, equipment, and analytical services to perform shutdown air monitoring and as-needed air monitoring at the site. TES is currently in good standing and has continued its relationship with the client.

TES has managed the IH sampling program of a large refinery located in Plaquemines Parish. TES used a risk assessment to develop an annual IH sampling plan. Once the site approved the sampling plan, TES Associate IH and IH Technicians completed the annual sampling. The site has been working towards obtaining enough data per SEG per constituent to perform statistical analysis. TES input the site's recent data into *Medgate*. Employee notifications were developed by TES and presented to the client for approval and distribution. A final report was developed to detail the scope of the sampling, project background information, sampling methodology, sampling equipment, sampling results, discussion of the results, and recommendations. A power point presentation summarizing the project was also developed and provided to the client. TES is currently in good standing and has continued its relationship with the client.

TES maintains a full-time IH technician at the Norco refinery site to perform routine, as needed, and shutdown IH monitoring. The employee has become an integral part of the site's EH&S team, participating, and providing input in the site's weekly and monthly meetings. The site uses SAP IH module to maintain its data. TES has three personnel who have been trained to use the database, of which, two employees use the database weekly. TES is currently in good standing and has continued its relationship with the client.

CONTRACTOR MANAGEMENT:

All projects will have James Clarke as the principal project manager. All reports will have at least one senior level technical review performed for quality control/quality assurance purposes. TES proposes to perform, at a minimum, onsite monthly updates of all outstanding task orders discussing necessary components of the project. TES will also provide updates on service projects on an ad hoc basis. Analytical results will be communicated/issues to the contractor within 24-hours of receipt.

ATTACHMENT A:

TERMS AND CONDITIONS & SUPPORTING RFP DOCUMENTS



JEFFERSON PARISH

DEPARTMENT OF PURCHASING

CYNTHIA LEE SHENG
PARISH PRESIDENT

RENNY SIMNO
DIRECTOR

September 26, 2023

JEFFERSON PARISH INVITATION TO BID NOTIFICATION

This notification is to inform bidders of the following bid solicitation for Jefferson Parish Government. Please review this notification in its entirety for details on how to access the on-line bidding site to view and download the Invitation to Bid, including all required bidding documents. The notification also states how and/or where to submit the bid response to the Jefferson Parish Purchasing Department on the bid opening date or before.

BID # 50-00143151

Two (2) Year Contract to Provide Environmental Testing and Consulting in Coordination with Demolition Proceedings for the Department of Code Compliance and Enforcement (Dangerous Building Abatement)

Bids will be received at centrallauctionhouse.com until 11 a.m., on **October 27, 2023**. Bids delivered after 11 a.m., will not be accepted.

Where to obtain the Invitation to Bid: This Invitation to Bid may be viewed, and/or downloaded from our on-line bidding site, Central Bidding by clicking, <http://www.jeffparishbids.net>. All vendors are encouraged to register with Central Bidding in order to respond, free of charge, to Jefferson Parish Invitation to Bid.

41663

How to respond: Vendors can respond either through Central Bidding, our on-line bidding site or through the link above.

For more information on this bid, please contact the buyer assigned to this bid:

Doris Abraham, Purchasing Specialist II

504-364-2690

dabraham@jeffparish.net

Or you may visit the Purchasing Department's webpage at www.jeffparish.net.

JOSEPH S. YENNI BUILDING - 1221 ELMWOOD PARK BLVD - SUITE 404 - JEFFERSON, LA 70123 - PO BOX 10242 JEFFERSON, LA 70181-0242
OFFICE 504.364-2678

GENERAL GOVERNMENT BUILDING - 200 DERBIGNY ST - SUITE 4400 - GRETNA, LA 70053 - PO BOX 9 - GRETNA - LA 70054
OFFICE 504.364.2678

EMAIL: PURCHASING@JEFFPARISH.NET

WEBSITE: WWW.JEFFPARISH.NET



CENTRALBIDDING
FROM CENTRAL AUCTION HOUSE

5000143151 Two (2) Year Contract to Provide Environmental Testing and Consulting in Coordination with Demolition Proceedings for the Department of Code Compliance and Enforcement (Dangerous Building Abatement)

Jefferson Parish Government

Project documents obtained from www.CentralBidding.com

26-Sep-2023 10:04:56 AM



Bid Number 50-00143151

Two (2) Year Contract to Provide Environmental Testing and Consulting in Coordination with Demolition Proceedings for the Department of Code Compliance and Enforcement (Dangerous Building Abatement)

BID DUE: October 27, 2023 AT 11:00 A.M.

ATTENTION VENDORS!!!

Please review all pages and respond accordingly, complying with all provisions in the technical specifications and Jefferson Parish Instructions for Bidders and General Terms and Conditions. All bids must be received on the Purchasing Department's eProcurement site, www.jeffparishbids.net, by the bid due date and time. Late bids will not be accepted.

**Jefferson Parish Purchasing Department
200 Derbigny Street
General Government Building, Suite 4400
Gretna, LA 70053
Buyer Name: Doris Abraham
Buyer Email: DABRAHAM@jeffparish.net
Buyer Phone: 504-364-2690**

DATE: 9/26/2023

INVITATION TO BID
THIS IS NOT AN ORDER

Page: 1

BID NO.: 50-00143151

JEFFERSON PARISH
PURCHASING DEPARTMENT
P.O. BOX 9
GRETNA, LA. 70054-0009
504-364-2678

VENDOR:

PURCHASING SPECIALIST:
DABRAHAM@jeffparish.net

Bids will be received until 11:00 AM, 10/27/2023 via online at www.jeffparishbids.net.

LATE BIDS WILL NOT BE ACCEPTED

NOTE: ONLY BIDS WRITTEN IN INK OR TYPEWRITTEN, AND PROPERLY SIGNED BY A MEMBER OF THE FIRM OR AUTHORIZED REPRESENTATIVE, WILL BE ACCEPTED. PENCIL AND/OR PHOTOSTATIC FIGURES OR SIGNATURES SHALL RESULT IN BID REJECTION. HOWEVER, ELECTRONIC SIGNATURES AS DEFINED IN LSA - R.S. 9:2602(8) ARE ACCEPTABLE. SIGNATURE MUST BE A SECURED DIGITAL SIGNATURE.

All bids submitted are subject to these instructions and general conditions and any special conditions and specifications contained herein, all of which are made part of this bid proposal reference. By submitting a bid, vendor agrees to comply with all provisions of Louisiana Law, as well be in compliance with the Jefferson Parish Code of Ordinances, Louisiana Code of Ethics, applicable Jefferson Parish ethical standards and Jefferson Parish Resolution No. 136353 and/or Resolution No. 141125 as amended. A copy of these resolutions may be obtained from the Office of the Parish Clerk, Suite 6700, Jefferson Parish General Government Building, 200 Derbigny Street, Gretna, LA 70053. You may also obtain a copy by visiting the Purchasing Department webpage at purchasing.jeffparish.net and clicking on On-line forms.

All vendors submitting bids should register as a Jefferson Parish vendor if not already yet registered. Registration forms may be downloaded from <http://purchasing.jeffparish.net> and by clicking on Vendor Information. Current W-9 forms with respective Tax Identification numbers and vendor applications may be submitted at any time; however, if your company is not registered and/or a current W-9 form is not on file, vendor registration is mandatory. Vendors may experience a delay in payment if your company is not a registered vendor with Jefferson Parish.

Jefferson Parish is exempt from paying sales tax under LSA-R.S. 47:301 (8)(c). All prices for purchases by Jefferson Parish of supplies and materials shall be quoted in the unit of measure specified and unless otherwise specified, shall be exclusive of state and local taxes. The price quoted for work shall be stated in figures. In the event there is a difference in unit prices and totals, the unit price shall prevail. Quotations shall be based on F.O.B. Delivered, anywhere within the Parish as designated by the Purchasing Department. **JEFFERSON PARISH WILL ACCEPT ONE BID ONLY FROM EACH VENDOR.** Items bid must meet specifications. JEFFERSON PARISH will accept one price for each item unless otherwise indicated. Two or more prices for one item will result in bid rejection. Bidders are required to complete, sign and return the bid form and/or complete and return the associated line item pricing forms as indicated. The price quoted for work shall be stated in figures. In the event there is a difference in unit prices and totals, the unit prices shall prevail

JEFFERSON PARISH reserves the right to award contracts or place orders on a lump sum or individual item basis, or such combination, as shall in its judgment be in the best interest of JEFFERSON PARISH. Every contract or order shall be awarded to the **LOWEST RESPONSIVE and RESPONSIBLE BIDDER**, taking into consideration the **CONFORMITY WITH THE SPECIFICATIONS** and the **DELIVERY AND/OR COMPLETION DATE**

PROTESTS: Only those vendors that submit bids in response to this solicitation may protest any element of the procurement, in writing to the Director of the Purchasing Department. Written protest must be received within 48 hours of the release of the bid tabulation by the Purchasing Department. After consultation, the Parish Attorney's Office will then respond to protests in writing. (For more information, please see Chapter 2, Article VII, Division 2, Sec. 2-914.1 of the Jefferson Parish Code of Ordinances.)

JEFFERSON PARISH reserves the right to cancel all or any part of an order if not shipped promptly. No charges will be allowed for parking or cartage unless specified in the quotation. The order must not be filled at a higher price than quoted. JEFFERSON PARISH reserves the right to cancel at any time and for any reason by issuing a THIRTY (30) day written notice to the contractor.

JEFFERSON PARISH requires all products to be new (current) and all work must be performed according to standard practices for the project. Unless otherwise specified, no aftermarket parts will be accepted. Unless otherwise specified, all workmanship and materials must have at least one (1) year warranty, in writing, from the date of delivery and/or acceptance of the project. Any deviations or alteration from the specifications must be indicated on the bid form for each item and upon request, product data for same must be submitted by the time specified by the Purchasing Department.

If this bid requires a pre-bid conference (see Additional Requirements section), bidders are advised that such conference will be held to allow bidders the opportunity to identify any discrepancies in the bid specifications and seek further clarification regarding instructions. The Purchasing Department will issue a written response to bidders' questions in the form of an Addendum.

All formal Addenda require written acknowledgment on the bid form by the bidder by the bidder placing the Addendum number in the appropriate section. Failure to acknowledge an Addendum on the bid form shall cause the bid to be rejected; JEFFERSON PARISH reserves the right to award bid to next lowest responsive and responsible bidder in this event.

USE OF BRAND NAMES AND STOCK NUMBERS: Where brand names and stock numbers are specified, it is for the purpose of establishing certain minimum standards of quality. Bids may be submitted for products of equal quality, provided brand names and stock numbers are specified. Complete product data may be required prior to award.

Quantities listed are for bidding purposes only. Actual requirements may be more or less than quantities listed.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

Bidders are not to exclude from participation in, deny the benefits of, or subject to discrimination under any program or activity, any person in the United States on the grounds of race, color, national origin, or sex; nor discriminate on the basis of age under the Age Discrimination Act of 1975, or with respect to an otherwise qualified handicapped individual as provided in Section 504 of the Rehabilitation Act of 1973, or on the basis of religion, except that any exemption from such prohibition against discrimination on the basis of religion as provided in the Civil Rights Act of 1964, or Title VI and VII of the Act of April 11, 1968, shall also apply. This assurance includes compliance with the administrative requirements of the Revenue Sharing final handicapped discrimination provisions contained in Section 51.55 (c), (d), (e), and (k)(5) of the Regulations. New construction or renovation projects must comply with Section 504 of the 1973 Rehabilitation Act, as amended, in accordance with the American National Standard Institute's specifications (ANSI A1 17.1-1961).

Jefferson Parish and its partners as the recipients of federal funds are fully committed to awarding a contract(s) to firm(s) that will provide high quality services and that are dedicated to diversity and to containing costs. Thus, Jefferson Parish strongly encourages the involvement of minority and/or woman-owned business enterprises (DBE's, including MBE's, WBE's and SBE's) to stimulate participation in procurement and assistance programs.

IN ACCORDANCE WITH STATE REGULATIONS JEFFERSON PARISH OFFERS ELECTRONIC PROCUREMENT TO ALL VENDORS

This electronic procurement system allows vendors the convenience of reviewing and submitting bids online. This is a secure site and authorized personnel have limited read access only. Bidders are to submit electronically using this free service; while the website accepts various file types, one single PDF file containing all appropriate and required bid documents is preferred. Bidders submitting uploaded images of bid responses are solely responsible for clarity. If uploaded images/documents are not legible, then bidder's submission will be rejected. Please note all requirements contained in this bid package for electronic bid submission.

Please visit our E-Procurement Page at www.jeffparishbids.net to register and view Jefferson Parish solicitations. For more information, please visit the Purchasing Department page at <http://purchasing.jeffparish.net>.

ADDITIONAL REQUIREMENTS FOR THIS BID

PLEASE MATCH THE NUMBERS PRINTED IN THIS BOX WITH THE CORRESPONDING INSTRUCTIONS BELOW.

2, 3, 6, 10, 12, 13

**PRE-BID CONFERENCE TO BE HELD AT: Purchasing Dept.,200 Derbigny St.,Suite
4400, Gretna, LA 70053 at 10:00 A.M
ON10/19/2023**

1. All bidders must attend the MANDATORY pre-bid conference and will be required to sign in and out as evidence of attendance. In accordance with LSA R.S. 38:2212(l), all prospective bidders shall be present at the beginning of the MANDATORY pre-bid conference and shall remain in attendance for the duration of the conference. Any prospective bidder who fails to attend the conference or remain for the duration shall be prohibited from submitting a bid for the project.
2. Attendance to this pre-bid conference is optional. However, failure to attend the pre-bid conference shall not relieve the bidder of responsibility for information discussed at the conference. Furthermore, failure to attend the pre-bid conference and inspection does not relieve the successful bidder from the necessity of furnishing materials or performing any work that may be required to complete the work in accordance with the specification with no additional cost to the owner.
3. Contractor must hold current applicable JEFFERSON PARISH licenses with the Department of Inspection and Code Enforcement. Contractor shall obtain any and all permits required by the JEFFERSON PARISH Department of Inspection and Code Enforcement. The contractor shall be responsible for the payment of these permits. All permits must be obtained prior to the start of the project. Contractor must also hold any and all applicable Federal and State licenses. Contractor shall be responsible for the payment of these permits and shall obtain them prior to the start of the project.
4. A LA State Contractor's License will be required in accordance with LSA R.S. 37-2150 et. seq. and such license number will be shown on the outside of the bid electronic envelope. Failure to comply will cause the bid to be rejected. When submitting the bid electronically, the license number must be entered in the appropriate field in the electronic procurement system. Failure to comply will cause the bid to be rejected.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

5. It is the bidder's responsibility to visit the job site and evaluate the job before submitting a bid.
6. Job site must be clean and free of all litter and debris daily and upon completion of the contract. Passageways must be kept clean and free of material, equipment, and debris at all times. Flammable material must be removed from the job site daily because storage will not be permitted on the premises. Precaution must be exercised at all times to safeguard the welfare of JEFFERSON PARISH and the general public.
7. PUBLIC WORKS BIDS: All awards for public works in excess of \$5,000.00 will be reduced to a formal contract which shall be recorded at the contractor's expense with the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. A price list of recordation costs may be obtained from the Clerk of Court and Ex-Officio Recorder of Mortgages for the Parish of Jefferson. All awards in excess of \$25,000.00 will require both a performance and a payment bond. Unless otherwise stated in the bid specifications, the performance bond requirements shall be 100% of the contract price. Unless otherwise stated in the bid specifications, the payment bond requirements shall be 100% of the contract price. Both bonds shall be supplied at the signing of the contract.
8. NON-PUBLIC WORKS BIDS: A performance bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The performance bond shall be supplied at the signing of the contract.
9. NON-PUBLIC WORKS BIDS: A payment bond will be required for this bid. The amount of the bond will be 100% of the contract price unless otherwise indicated in the specifications. The payment bond shall be supplied at the signing of the contract.
10. All bidders must comply with the requirements stated in the attached "Standard Insurance Requirements" sheet attached to this bid solicitation. Failure to comply with this instruction will result in bid rejection.
11. A bid bond will be required with bid submission in the amount of 5% of the total bid, unless otherwise stated in the bid specifications. All sureties must be in original format (no copies). When submitting a bid online, vendors must submit an electronic bid bond through the respective online clearinghouse bond management system(s) as indicated in the electronic bid solicitation on Central Auction House. No scanned paper copies of any bid bond will be accepted as part of the electronic bid submission.
12. This is an as needed basis contract. JEFFERSON PARISH makes no representations on warranties with regard to minimum guaranteed quantities unless otherwise stated in the bid specifications.
13. Freight charges should be included in total cost when quoting. If not quoted FOB DELIVERED, freight must be quoted as a separate item. Bid may be rejected if not quoted FOB DELIVERED or if freight charges are not indicated on bid form.
14. PUBLIC WORKS BIDS - Completed, Signed and Properly Notarized Affidavits Required; This applies to all solicitations for construction, alteration or demolition of public buildings or projects, in conformity with the provisions contained in LSA-RS 38:2212.9, LSA-RS 38:2212.10, LSA-RS 38:2224, and Sec 2-923.1 of the Jefferson Parish Code of Ordinances. For bidding purposes, all bidders must submit with bid submission COMPLETED, SIGNED and PROPERLY NOTARIZED Affidavits, including: Non-Conviction Affidavit, Non-Collusion Affidavit, Campaign Contribution Affidavit, Debt Disclosures Affidavit and E-Verify Affidavit. For the convenience of vendors, all affidavits have been combined into one form entitled PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format, and without material alteration, in order to be compliant and for the bid to be considered responsive. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid, however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.
15. NON PUBLIC WORK BIDS - Completed, Signed and Properly Notarized Affidavits Required in conformity with the provisions contained in LSA – RS 38:2224 and Sec 2-923.1 of the Jefferson Parish Code of Ordinances. For bidding purposes, all bidders must submit with bid submission COMPLETED, SIGNED and PROPERLY NOTARIZED Affidavits, including: Non-Collusion Affidavit, Debt Disclosures Affidavit and Campaign Contribution Affidavit. For the convenience of vendors, all affidavits have been combined into one form entitled NON PUBLIC WORKS BID AFFIDAVIT. This affidavit must be submitted in its original format, and without material alteration, in order to be compliant and for the bid to be considered responsive. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid, however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.

INSTRUCTIONS FOR BIDDERS AND GENERAL CONDITIONS

16. The ensuing contract for this bid solicitation may be eligible for FEMA reimbursement and/or Federal funding/reimbursement. As such, the referenced appendix will be applicable accordingly and shall be considered a part of the bid documents. All applicable certifications must be duly completed, signed and submitted as per the appendix instructions. Failure to submit applicable certifications as per the appendix instructions will result in bid rejection.

17. For this project, the Contractor shall not pay any state or local sales or use taxes on materials and equipment which are affixed and made part of the immovable property of the project or which is permanently incorporated in the project (hereinafter referred to as "applicable materials and equipment"). All purchases of applicable materials or equipment shall be made by the contractor on behalf of and as the agent of Jefferson Parish (Owner), a political subdivision of the State of Louisiana. No state and local sales and use taxes are owed on applicable materials and equipment under the provisions of Act 1029 of the 1991 Regular Session - Louisiana Revised Statute 47:301(8)(c). Owner will furnish to contractor a certificate form which certifies that Owner is not required to pay such state or local sales and use taxes, and contractor shall furnish a copy of such certificate to all vendors or suppliers of the applicable materials and equipment, and report to Owner the amount of taxes not incurred.

It shall be the duty of every parish officer, employee, department, agency, special district, board, and commission; and the duty of every contractor, subcontractor, and licensee of the parish, and the duty of every applicant for certification of eligibility for a parish contract or program, to cooperate with the Inspector General in any investigation, audit, inspection, performance review, or hearing pursuant to Jefferson Parish Code of Ordinances Section 2-155.10(19). By submitting a bid, vendor acknowledges this and will abide by all provisions of the referenced Jefferson Parish Code of Ordinances.

DATE: 9/26/2023

INVITATION TO BID
THIS IS NOT AN ORDER

Page: 5

BID NO.: 50-00143151

JEFFERSON PARISH

PURCHASING DEPARTMENT
P.O. BOX 9
GRETNA, LA. 70054-0009
504-364-2678

VENDOR: Technical Environmental Services, Inc.

PURCHASING SPECIALIST:
DABRAHAM

As per LSA-RS 47:301 et seq., all governmental bodies are excluded from payment of sales taxes to any Louisiana taxing body. Quotations shall be based on F.O.B. Agency warehouse or jobsite, anywhere within the Parish as designated by the Purchasing Department.

JEFFERSON PARISH reserves the right to cancel all or any part of an order if not shipped promptly. No charges will be allowed for parking or cartage unless specified in quotation. The order must not be filled at a higher price than quoted. JEFFERSON PARISH reserves the right to cancel at any time and for any reason by issuing a THIRTY (30) day written notice to the contractor.

JEFFERSON PARISH is expecting all products to be new and all work to be done in workman-like manner, according to standard practices. Any deviations or alteration from the specifications must be indicated on the bid form for each item and upon request, product data for same must be submitted by the time specified by the Purchasing Department.

DELIVERY: FOB JEFFERSON PARISH	
INDICATE DELIVERY DATE ON EQUIPMENT AND SUPPLIES	<u>7 calendar days from issuance of work order.</u>
INDICATE STARTING TIME (IN DAYS) FOR CONSTRUCTION WORK	<u>December 12, 2023</u>
INDICATE COMPLETION TIME (IN DAYS) FOR CONSTRUCTION WORK	<u>December 12, 2025</u>

In the event that addenda are issued with this bid, bidders MUST acknowledge all addenda on the bid form. Bidder must acknowledge receipt of an addendum on the bid form by placing the addendum number as indicated. Failure to acknowledge any addendum on the bid form will result in bid rejection.

Acknowledge Receipt of Addenda: NUMBER: N/A. J.C.
 NUMBER: N/A. J.C.
 NUMBER: N/A. J.C.
 NUMBER: N/A. J.C.

LOUISIANA CONTRACTOR'S LICENSE NO.: (if applicable) 64201

*** ALL BIDDERS MUST COMPLETE SECTION BELOW ***	
FIRM NAME: <u>Technical Environmental Services, Inc</u>	
SIGNATURE: (Must be signed here) <u>James R. Clarke</u>	TITLE: <u>Officer/Director</u>
PRINT OR TYPE NAME: <u>James R. Clarke</u>	
ADDRESS: <u>5133 Tara-vella Road</u>	
CITY, STATE: <u>Marrero, LA</u>	ZIP: <u>70072</u>
TELEPHONE: <u>(504) 348-3098</u>	FAX: <u>(504) 348-3043</u>
EMAIL ADDRESS: <u>JClarke@tesconsult.com</u>	

TOTAL PRICE OF ALL BID ITEMS: \$ 2,974.97

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00143151

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
1	1.00	HR	<p>Two (2) Year Contract to Provide Environment Testing and Consulting for the Department of Code Compliance and Enforcement, Dangerous Building Abatement</p> <p>0001 LDEQ Certified Contractor/Asbestos Supervisor</p>	\$ 50.00	\$ 50.00
2	1.00	HR	0002 LDEQ Certified Asbestos Insepctor	\$ 50.00	\$ 50.00
3	100.00	HR	<p>0003 PLM Analysis Polarized Light Micorscopy (PLM)</p> <p>analysis is done to identify, classify and quantify Asbestos fiber concentration in bulk building materials, domestic & industrial insulations, sprayed & non-sprayed plasters, coatings, ceiling & flooring materials, floor tiles, caulks and adhesives. This is the sample analysis used by the lab when we submit bulk samples of suspect asbestos containing materials.</p>	\$ 6.50	\$ 650.00
4	1.00	HR	<p>0004 PCM Analysis The most common methodology used for asbestos air testing is Phase Contrast Microscopy (PCM). This testing method involves using a PCM microscope to count the fibers present on the cassette filter in order to determine if the total fiber concentration is less than the EPA clearance level of 0.01 febers/cc (febers per cubic centimeter)1 This is the sample analysis used by the lab when we submit daily air samples during the removal of asbestos containing materials under Chapter 51.</p>	\$ 4.99	\$ 4.99
5	1.00	HR	<p>0005 TEM Anaylsis Transmission Electron Microscopy (TEM)</p> <p>is used to identify asbestos fibers in air and bulk samples. The TEM is capable of analyzing samples at high magnification (20,000X and higher) and identifies asbestos fibers by morphology, crystalline structure and elemental analysis. TEM also can positively identify asbestos directly, distinguishing it from other fibers by scanning for its morphology and</p>	\$ 20.00	\$ 20.00

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00143151

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
6	20.00	HR	elemental composition. 0006 Emergency Asbestos Testing for Inspector	\$ 65. ⁰⁰	\$ 1,300. ⁰⁰
7	8.00	HR	0007 Emergency Asbestor Testing for Supervisor	\$ 65. ⁰⁰	\$ 520. ⁰⁰
8	4.00	HR	0008 For 3 Hour PLM Testing for Emergency Asbestos Testing	\$ 17. ⁵⁰	\$ 70. ⁰⁰
9	2.00	HR	0009 For 3 Hour PCM Testing for Emergency Asbestos Testing	\$ 4. ⁹⁹	\$ 9. ⁹⁸
10	15.00	HR	0010 For 3 Hour TEM Testing for Emergency Asbestos Testing	\$ 20. ⁰⁰	\$ 300. ⁰⁰
<i>Total:</i>					\$ 2,974. ⁹⁷

**(LDEQ) SPECIFICATIONS
FOR
TWO YEAR CONTRACT TO PROVIDE ASBESTOS TESTING AND
CONSULTING IN COORDINATION WITH DEMOLITION PROCEEDINGS
FOR THE JEFFERSON PARISH DEPARTMENT OF CODE
COMPLIANCE & ENFORCEMENT
(DANGEROUS BUILDING ABATEMENT)**

Background

The Jefferson Parish Department of Code Compliance & Enforcement has issued this bid for the purpose of obtaining responsive bids to establish a two-year contract to provide asbestos testing and consulting in coordination with the demolition proceedings on an as-needed basis, for Jefferson Parish.

The awarded contract will include projects for the Department of Code Compliance & Enforcement and may be utilized by other Departments. The number and aggregate dollar value of total jobs to be performed under the contract is unknown and not guaranteed. Quantities listed are Jefferson Parish's best estimate and do not obligate Jefferson Parish to order or accept more than its actual requirements during the period of this agreement as determined by actual needs and availability of appropriated funds.

Requirements

The individual performing the asbestos testing shall have an accredited Asbestos Inspector Certification approved by the Louisiana Department of Environmental Quality (LDEQ). The Contractor shall provide a copy of its current certification with bid submission.

Pre-Bid Conference

All prospective bidders are invited to attend this non-mandatory pre-bid conference which will be held on October 19, 2023 at 10:00 A.M. in the Jefferson Parish Purchasing Department, located at 200 Derbigny Street, Suite 4400, Gretna, LA 70053. However, failure to attend the pre-bid conference shall not relieve the bidder of responsibility for information discussed at the conference. Furthermore, failure to attend the pre-bid conference and inspection does not relieve the successful bidder from the necessity of furnishing materials or performing any work that may be required to complete the work in accordance with the specification with no additional cost to the owner.

Specifications for Bid No. 50-143151

Scope of Work/Services

Jefferson Parish Department of Code Compliance & Enforcement anticipates that certain of its projects will be required by the Louisiana Department of Environmental Quality to have asbestos testing performed. Contractor is to provide all necessary equipment, materials, transportation, and labor for said services. Projects must be accomplished in a quality and timely manner.

All services shall be provided on an as-needed basis and there shall be no guarantee as to the amount of work given on a yearly basis.

Evaluation Phase

Upon a request from the Director, Contractor shall study, evaluate, and present its findings for the following:

The Contractor shall inspect the site, gather any suspect material, test and notify the Dangerous Building Abatement Section of the Department of Code Compliance & Enforcement if any suspect material(s) contain asbestos, along with whether the content exceeds that which allowed by law would prompt a Regulated Asbestos Containing Material (RACM) demolition.

Air monitoring may be required in some cases.

No point-counting/chatfield analysis is necessary.

If an inspector is unable to take a sample in an area that is inaccessible or deemed unsafe the report should indicate which area were not tested as a result of these conditions.

Period of Agreement

The term of any contract resulting from this solicitation shall begin on December 12, 2023 and shall continue for a period of two (2) years thereafter.

Location

Location of service to be performed is within unincorporated Jefferson Parish as per individual work orders issued for asbestos testing services requested.

Specifications for Bid No. 50-143151

Performance Requirements

Parish of Jefferson will issue a written work order to Contractor for each project, by such means to include e-mail communication, facsimile, hand-delivery, or whatever manner the Parish deems appropriate.

Contractor shall provide the Dangerous Abatement Section of the Department of Code Compliance & Enforcement via e-mail of their completed regular final report detailing results within seven (7) calendar days from issuance of the work order. This timeframe may be extended in an amount equal to the time lost due to delays beyond the control of the Parish or the contractor. Such delays may include, but not be limited to, inclement weather, that directly affects Contractor's ability to test, fires, floods, or acts of God. Contractor must notify Parish in writing within twenty-four (24) hours of the event to request the extension. On occasion, the Parish may have a need for emergency asbestos testing which will require that the testing be performed and the report submitted to the Parish within twenty-four (24) hours of issuance of the work order. Accordingly, this requirement is included as a line item in this bid.

Contractor shall have sufficient equipment to perform Parish work at all times.

Contractor must coordinate with the Department of Code Compliance & Enforcement to assure efficient, effective, and cost-effective project completion.

Contractor must submit an invoice within forty-five (45) days of successful completion to the Department of Code Compliance & Enforcement.

Contractor must maintain a clear line of communication with Jefferson Parish and the Department of Code Compliance & Enforcement.

Other Requirements

Inspector hourly rates is to include sample and report writing time.

Mileage is not billable.

The bid should account for travel time and mileage.

Specifications for Bid No. 50-143151

Liquidated Damages

Time is an essential condition of this contract. Should contractor fail to timely provide the completed regular report via e-mail to the Parish within seven (7) calendar days from the issuance of the work order, without a formal extension by the Parish, the Contractor shall pay to Parish, as liquidated damages, \$50.00 per day. Should Contractor fail to timely provide the completed emergency report within twenty-four (24) hours of the event without a formal extension by the Parish, Contractor shall pay \$25.00 per hour. All damages from this Section shall be deducted from the contractor's invoice for the cost of testing.

Insurance Requirements

Secure and maintain at their expense, professional liability insurance with minimal acceptable limits of \$1,000,000 per claim and \$2,000,000 annual aggregate.

STANDARD INSURANCE REQUIREMENTS FOR BIDDING PURPOSES

All required insurance under this bid shall conform to Jefferson Parish Resolution No. 113646 or No. 113647, as applicable. Contractors may not commence any work under any ensuing contract unless and until all required insurance and associated evidentiary requirements thereto have been met, along with any additional specifications contained in the **Invitation to Bid**. Except as where otherwise precluded by law, the Parish Attorney or his designee, with the concurrence of the Director of Risk Management or his designee, may agree on a case-by-case basis, to deviate from Jefferson Parish's standard insurance requirements, as provided in this Section. Vendors requesting deviation therefrom shall submit such requests in writing, along with compelling substantiation, to the Purchasing Department prior to the bid's due date. Any changes to the insurance requirements will be reflected in the bid specifications and addenda. Prior to contract execution and at all times thereafter during the term of such contract, contractors must provide and continuously maintain all coverages as required by the foregoing Resolutions, and the contract documents. Failure to do so shall be grounds for suspension, discontinuation or termination of the contract.

For bidding purposes, bidders must submit with bid submission a current (valid) insurance certificate evidencing the required coverages. Failure to comply will cause bid to be rejected. The current insurance certificate will be used for proof of insurance at time of evaluation. Thereafter, and prior to contract execution, the low bidder will be required to provide final insurance certificates to the Parish which shall name **the Jefferson Parish, its Districts Departments and Agencies under the direction of the Parish President and the Parish Council** as additional insureds regarding negligence by the contractor for the Commercial General Liability and the Comprehensive Automobile Liability policies. Additionally, said certificates should reflect the name of the Parish Department receiving goods and services and reference the respective Jefferson Parish bid number.

JEFFERSON PARISH REQUIRED STANDARD INSURANCE

WORKER'S COMPENSATION INSURANCE

As required by Louisiana State Statute, exception; Employer's Liability, Section B shall be \$1,000,000 per occurrence when Work is to be over water and involves maritime exposures to cover all employees not covered under the State Worker's Compensation Act, otherwise this limit shall be no less than \$500,000 per occurrence.

Note: If your company is not required by law to carry workmen's compensation insurance, i.e. not a Louisiana company, sole employee of the company, then bidders must request a workmen's compensation insurance declaration affidavit prior to the bid opening date. This insurance declaration affidavit must be fully completed, signed, properly notarized and submitted with the bid. A scanned copy may be submitted with the bid; however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being

rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.

COMMERCIAL GENERAL LIABILITY

Shall provide limits not less than the following: \$1,000,000.00 Combined Single Limit per Occurrence for bodily injury and property damage.

COMPREHENSIVE AUTOMOBILE LIABILITY

Bodily injury liability \$1,000,000.00 each person; \$1,000,000.00 each occurrence.
Property Damage Liability \$1,000,000.00 each occurrence.

Note: This category may be omitted if bidders do not/will not utilize company vehicles for the project or do not possess company vehicles. Bidder must request an automobile insurance declaration affidavit prior to the bid opening date. This insurance declaration affidavit must be fully completed, signed, properly notarized and submitted with the bid. A scanned copy of the completed, signed and properly notarized affidavit may be submitted with the bid; however, the successful bidder must submit the original affidavit in its original format and without material alteration upon contract execution. Failure to comply will result in the bid submission being rejected as non-responsive. The Parish reserves the right to award bid to the next lowest responsive and responsible bidder in this event.

DEDUCTIBLES - The Parish Attorney with concurrence of the Director of Risk Management have waived the deductible section of the Terms and Conditions for all Invitations to Bid, until further notice.

UMBRELLA LIABILITY COVERAGE

An umbrella policy or excess may be used to meet minimum requirements.

FOR CONSTRUCTION AND RENOVATION PROJECTS:

The following are required if selected below. Such insurance is due upon contract execution.

OWNER'S PROTECTIVE LIABILITY

To be for the same limits of liability for bodily injury and property damage liability established for commercial general liability.

BUILDER'S RISK INSURANCE

The contractor shall maintain Builder's Risk Insurance at his own expense to insure both the owner (Parish of Jefferson) and contractor as their interest may appear.



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Central Bidding Time: Tue Sep 26 2023 10:03:50 GMT-0500 (Central Daylight Time)



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5000143151 Two (2) Year Contract to Provide Environmental Testing and Consulting in Coordination with Demolition Proceedings for the Department of Code Compliance and Enforcement (Dangerous Building Abatement)

[Louisiana](#) > [Jefferson Parish Government](#)

Solicitation: 52121215

IMPORTANT ANNOUNCEMENTS

Bid Law Requirement Update: Act 406

Vendors will be required to submit certain documentation with bid submission, i.e. affidavits, proof of insurance, etc. These requirements will be outlined specifically in the instructions of each bid package. Vendors should continue to carefully read and respond accordingly per the requirements of the bid packages. These changes are pursuant Louisiana Public Bid Law more specifically, Act 406 of the 2016 Louisiana Legislative Regular Session. For the purposes of this communication, this change applies to Jefferson Parish Government bid solicitations only. For more information, please call Jefferson Parish Purchasing at 504-364-2678.

Electronic Bond Submission May Be Required

If the bid documents require a surety, vendors submitting responses to Jefferson Parish through this site must submit an electronic bond through the respective online clearinghouse bond management system(s). You may click the link below to use <https://www.centrauctionhouse.com/central-bidding/bid-bonds>

Bid Submittal Formats:

While this site accepts various file types, sizes and quantities, the preferred method for delivering all of the appropriate and required bid documents is one single scanned PDF file. Vendors submitting bids with multiple uploaded images/photos of bid responses are solely responsible for clarity. If uploaded images/documents are not legible, the vendors submission will be rejected. Please note all requirements in this SUBMITTAL package for electronic bid submission.

NOTICE:

TO RESPOND TO THIS SOLICITATION, PLEASE PRINT THE ENTIRE BID FORM INCLUDING BID INSTRUCTIONS. COMPLETE THE BID FORM AND ATTACH ANY SPECIFICATIONS OR ADDITIONAL REQUIRED DOCUMENTS. SCAN THE ENTIRE BID RESPONSE AND UPLOAD TO THE ONLINE BIDDING SITE. ENSURE THAT YOU HAVE REVIEWED ALL INSTRUCTIONS THAT APPLY TO THIS BID, AS THE REQUIREMENTS FOR BOND SUBMISSIONS HAVE CHANGED.

Listing Information/Advertisement

Two (2) Year Contract to Provide Environmental Testing and Consulting in Coordination with Demolition Proceedings for the Department of Code Compliance and Enforcement (Dangerous Building Abatement)

SUBMITTAL INFORMATION

Creator Username: [DABRAHAM](#)

Submittal Privacy: Response Encryption

Started: 26-Sep-2023 10:00:00 AM

Ends: 27-Oct-2023 11:00:00 AM (31d, 0h+)

History: 2 Views, 0 Messages

Event Status: Open

Sign-In to Bid

Username:

Actions:

Password:

Visitors: [Visitors/Central Bidding Plan Holders](#)

DOWNLOAD BID DOCUMENTS



[50-143151 Bid Packet.pdf \(402.3 KB\)](#)

TAGS

[Jefferson Parish Government 58](#)

PUBLIC MESSAGE BOARD

Discuss questions with the owner/creator of this Listing.

UPDATE/ADDENDUM HISTORY

All updates/changes are listed below::

[Central Bidding](#) - [Bids by Category](#)

Public Agency Lists by State: [Alabama](#) - [Arkansas](#) - [Florida](#) - [Louisiana](#) - [Mississippi](#) - [South Carolina](#) - [Tennessee](#)

[Registration](#)

[Renew/Upgrade Membership](#)

[Contact Us](#)



Central Auction House, LTD

ATTACHMENT B:
INSURANCE CERTIFICATE & W9

DESCRIPTIONS (Continued from Page 1)

GENERAL LIABILITY INCLUDES:

Blanket Additional Insured as required by written contract.
Primary & Non-contributory as required by written contract
Blanket Waiver of Subrogation as required by written contract
Professional Liability - \$2,000,000 Each Occurrence / \$2,000,000 General Aggregate / \$1,000,000 Claims Expense Limit / \$2,000,000 Claims Expense Aggregate Limit
Contractors Pollution Liability - \$2,000,000 Each Occurrence / \$2,000,000 General Aggregate / \$2,000,000 Claims Expense Limit / \$2,000,000 Claims Expense Aggregate Limit
30 DNOC as required by written contract

AUTO LIABILITY INCLUDES:

Blanket Additional Insured as required by written contract.
Blanket Waiver of Subrogation as required by written contract
Blanket 30 Day Notice of Cancellation

WORK COMP INCLUDES:

USL&H
TWM&C
Maritime - \$1,000,000 limit
Blanket Alternate Employer
Blanket Waiver of Subrogation as required by written contract
Outer Continental Shelf Endorsement
Gulf of Mexico Endorsement
30 DNOC as required by written contract

EXCESS LIABILITY

Follows Form of the primary policies
Blanket Additional Insured as required by written contract.
Blanket Waiver of Subrogation as required by written contract
Primary & Non-contributory as required by written contract
30 DNOC as required by written contract

Request for Taxpayer Identification Number and Certification

**Give Form to the
 requester. Do not
 send to the IRS.**

▶ Go to www.irs.gov/FormW9 for instructions and the latest information.

Print or type. See Specific Instructions on page 3.	1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.	
	2 Business name/disregarded entity name, if different from above	
	3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes.	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):
	<input type="checkbox"/> Individual/sole proprietor or single-member LLC <input type="checkbox"/> C Corporation <input type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate	Exempt payee code (if any) _____
	<input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶ _____ Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.	Exemption from FATCA reporting code (if any) _____
	<input type="checkbox"/> Other (see instructions) ▶ _____	<i>(Applies to accounts maintained outside the U.S.)</i>
	5 Address (number, street, and apt. or suite no.) See instructions.	Requester's name and address (optional)
6 City, state, and ZIP code		
7 List account number(s) here (optional)		

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number									
or									
Employer identification number									

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here	Signature of U.S. person ▶ <i>Noel Pooley</i>	Date ▶ 1/11/2023
------------------	---	------------------

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.

ATTACHMENT C:
COMPANY PROFILE



Protecting People and the Environment

TES has successfully provided environmental, safety, & industrial hygiene solutions for clients since 1984. Our offices are strategically located in the Gulf Coast region. With our four divisions and our on-staff professionals, TES has the knowledge and expertise to assist your company in its pursuit to protect its employees and the environment.

Industrial Hygiene Solutions

- Workplace Exposure Assessments
- Sampling Strategy Development
- Personnel exposure monitoring
- Noise/Radiation/Heat Stress/EMF surveys
- Ventilation systems assessments
- Turnaround Support
- Training and Procedure development

Plant Safety Services

- Confined space attendants
- Fire watches
- Bottle watches
- Flaggers
- Water crew
- Light laborers
- Remote Confined Space Monitoring System

Safety Solutions

- Onsite Safety Professionals for operations, turnaround, & capital projects
- Procedure development and implementation
- Training
- Program audits

Environmental Solutions

- Asbestos Inspections, Air Monitoring & Abatement Management
- Lead-Based Paint Inspections & Risk Assessments
- Indoor Air Quality/Mold Assessments/Moisture Mapping
- Risk Management of Hazardous Waste
- Phase I/II/III Environmental Site Assessments
- UST Removal Oversight
- SWPPP & SPCC Development
- Marine Vapor Recovery Certification
- Tier II Reporting



GUARANTEE
TES WILL ALWAYS MAKE IT RIGHT



COMPANY OVERVIEW:

Technical Environmental Services, Inc. (TES) is a **Louisiana-based**, comprehensive, loss control firm offering environmental consulting, industrial hygiene, safety, turnaround safety services, and EH&S training to clients throughout the United States. **TES is different from other technical consulting firms because we offer a full-spectrum, integrated service approach to assist our clients with their loss control needs.** To support the full spectrum of services offered, TES has **On Staff:** Certified Industrial Hygienists (CIH); Professional Engineer (PE); Professional Geoscientist (PG); Certified and Associate Safety Professionals (CSP/ASP); Environmental Scientists; Accredited Asbestos Project Designers, Management Planners, Inspectors, Supervisors, and Safety Professionals.

Established in 1984, TES has built an extensive client-base throughout the United States but focused in the southeast region of Louisiana. **TES's Louisiana State Licensing Board for Contractors license number is 64201.** We provide services to many Fortune 500 clients, and have developed long-term, ongoing relationships with a multitude of small and medium-sized companies as well. Being strategically located in the central Gulf South enables us to effectively service companies nationwide. Our experienced staff of knowledgeable and certified professionals is available to assist your facility in developing sustainable solutions for your loss control concerns. TES is also capable of and has extensive experience in assisting in emergency response situations as a result of natural or manmade disasters.

At TES, we utilize our support system of high-level professionals to drive safety, performance, and quality. We strive to place our best and brightest on every job. We have a few sites where we provide routine in-plant services. Most of our technical employees go through our mentoring process described below. They are full-time and become valuable assets to us and our clients. Many of our non-technical employees that we select have over 5 years of experience and have been with our company for at least 3 of those years. These routine positions are highly sought after, as it offers steady employment. With this high demand, comes a higher standard. We are able to hand select our most capable and reliable employees to fill these positions.

Safety is of primary importance in our operation. Each of us has the responsibility to make the safety of our co-worker and ourselves a basic concern. It is the philosophy of this company that all accidents, injuries and near miss incidents are preventable. When an accident occurs, this indicates a deficiency in the management employee system. This objective is fundamental to our wellbeing, as well as to the efficiency of TES. We will direct all attention to ensure this does not happen by providing the necessary guidance, resources, training and equipment to meet the goal of Zero Accidents. Through the identification of hazards, setting standards in which to work, measuring the results of those standards, evaluating the results and taking immediate corrective actions when deficiencies are discovered, will be the essential elements of our program.

All members of management are accountable for the effectiveness of this program. Management is considered the President and General Manager to the first line supervisor or foreman. The direction of this program must come from management through leadership by example rather than simple rhetoric. The strength of this principle is in the application of this safety program. Safety at all levels is considered as a condition of employment. The indispensable ingredients of a safe working environment are management commitment, a knowledgeable and exemplary supervisory staff, involved safety leaders, and a committed work force. This requires the conscientious dedication of each employee, to the principle that accident prevention, hazard evaluation and control, and safe work practices are essential to performing and executing the day-to-day work activities of their job. We feel that our employees are our most vital assets. In order to protect our assets, TES feels that it is not only our duty, but also good



business to provide each worker with a safe and healthful place in which to work. It is through their efforts and diligence this company can maintain effectiveness and excellence, throughout the industry.

To codify that, certain policies and procedures are followed, the TES Safety Manual has been formulated to assist the employee in performing their work safely. This manual will provide the tools and methods necessary to identify hazards, take appropriate steps to prevent injury or loss, receive training to perform the task and a follow up mechanism to assure compliance. As helpful as these safety policies and rules are, they alone cannot prevent accidents. Every employee of TES has the responsibility to prevent accidents and injuries by observing and following all established safety rules and procedures, following the direction of their supervisor, and by practicing the principles taught in safety training. This not only holds true for during working hours but should extend into the family, household and off-the-job activities as well. Every employee of TES must be familiar with this manual and its contents. Our goal is to put forth the best product possible. Our product is our personnel. Each of these individuals is put through the rigors of our in-house training program. We believe in learning by doing; a mixture between hands on experience coupled with classroom lectures.

Our technical division consists of homegrown professionals. These individuals have been through the fire of turnarounds and garnered the experience needed to excel on future projects. We have a staff of industrial hygienists and safety professionals that work full and part time for us. These individuals work turnarounds on a semi-routine basis. If a job scope is large enough where we need to hire additional personnel, we perform the following; accept and review resumes, conduct interviews, drug screens, background checks, validate references and train the prospective employee to TES standards. Prior to any job assignment, resumes are submitted to the client for review.

Our non-technical division utilizes a slightly different protocol. When a job scope is received, we look at the availability of our core group. These individuals are kept busy throughout the year on different projects; each with varying capabilities and experience. We would place this group first. Our core usually covers the initial on-boarding and loading for the first week. During this time frame we begin our hiring phase. Each client/site is different with varying policies on per diem vs. using the local work force. We strive to use as many locals as possible for our non-technical staffing needs. We can do this successfully due to the lifeline of our company; our supervision. Every turnaround has its challenges.

We chose our supervision carefully to mitigate these challenges and to ensure the best product possible. All supervision is trained in all aspects of hazard recognition, incident investigations, case management, communication, leadership skills, and cost tracking. We have found that keeping an accurate job tracking form is also a key to success for our Safety Attendant crew. This form indicates the location of everyone, equipment number, permit number and contractor assigned. This allows for several things; accountability and cost savings. We track cost daily via these forms. If requested, at the end of the project, we can give a detailed report on the usage of TES resources by each contractor (dollar figure). This allows the client to tie the costs of safety attendants to different contract groups and allow for more efficient planning for future projects.

TES endeavors to provide fully trained personnel. All staff members possess Transportation Worker Identification Credential (TWIC) and annually complete a Basic OSHA Safety Orientation course through the Association of Reciprocal Safety Councils. This 6-hour course covers Hazard Communication (HAZCOM), Respiratory Protection, Personal Protective Equipment (P.P.E.), Elevated Work, Process Safety Management (P.S.M.), General Safety & Emergency Procedures, Hearing Conservation, Hazardous Materials (Subpart H), Electrical for Non-Qualified Persons, Hand and Portable Powered Tools. A passing grade on the course posttest is required. All staff members are expected to have at least one year of experience in an industrial environment. Employees with more than six months but



less than one year of experience may be used in situations requiring more than one TES staff member. A staff member with at least one year of experience will be assigned to work with that employee in a mentoring role. Employees with less than one year of experience in an industrial setting will not be assigned duties without a mentor. Additionally, staff received in-house training as follows: Company Safety Policy Review, PPE and Fall Protection, Hazard assessment, Fire watch duties, Confined space hazards, Attendant duties, Bottle watch, Job and site-specific training, etc. Additional training will be completed for all applicable OSHA standards as required by specific job tasks and JSAs. Site specific on-boarding to review work permits, Lock out Tag Out requirements, locations and all other anticipated information will be disseminated.

TES is a consulting firm that is data driven. Most decisions are based off previously collected and analyzed data, whether it is through our infield continuous education audits or reviewing man-hours. No matter if they are technical or non-technical; all personnel are assessed at the end of the job and categorized. When a job scope is received, our personnel are evaluated to see which professional would fit best for the specific work. We look at competency, consistency, reliability and safety record. All employees are risk ranked and applicable resumes submitted to the client for review and acceptance. We want our employees to represent TES in the best light; therefore, both technical and non-technical groups are selected based on their specialization, experience, and previous job performances.

KEY PERSONNEL:

Our experienced staff of knowledgeable, and certified professionals are available to assist your company in developing sustainable solutions for your company's loss control problems. TES's comprehensive, integrated service approach to loss control is unique in our industry. We are able to assist in emergency response, or to help you build your loss control and regulatory compliance programs for tomorrow.

To support our comprehensive approach, TES has on staff:

- Certified Industrial Hygienists (CIH);
- Professional Engineer (PE);
- Professional Geoscientist (PG);
- Certified Safety Professionals (CSP);
- Associate Safety Professionals (ASP);
- Graduate Safety Practitioners (GSP);
- Scientists;
- IICRC Water Restoration Technicians (WRT); and,
- Accredited asbestos project designers, management planners, supervisors, and inspectors.
- Accredited lead supervisors, risk assessors, and inspectors.

TES leverages its collective industrial, private, and public sector experience to recognize potential hazards, evaluate the hazards, and develop effective solutions to mitigate the health and safety concerns. Whether designing process or ventilation systems, performing exposure assessments, or evaluating in-place administrative systems and controls, TES has expert, certified personnel on staff to provide cost effective, permanent solutions.



Listed below are some of the key personnel TES offers to support on these projects, along with their credentials.

Chris Robertson, MSPH, CIH, CSP – President and Chief Executive Officer

Mr. Robertson has over twenty years of experience in the EH&S fields. He is currently certified in the comprehensive practice of industrial hygiene (Certificate #9304) by the Board of Global EHS Credentialing and certified in the comprehensive practice of safety (Certificate #21038) by the Board of Certified Safety Professionals. Chris received a Bachelor of Science Degree in Biology from Our Lady of Holy Cross College and a Master of Science in Public Health for Industrial Hygiene from Tulane University. He has personally worked for several industries, including pulp and paper, mining, commercial, energy, state agencies, refineries and chemical plants working both as an owner and as a contractor. Mr. Robertson has personally designed and/or supervised the design of safety and health programs and systems to enable sites to achieve their safety goals. Using his extensive experience and knowledge, along with working alongside TES and client employees during turnarounds and shutdowns, he has assisted many clients with efficient and safe turnarounds/shutdowns.

Cullen C. Whittaker, PE, CIH, CSP, COHC – Senior Environmental, Health & Safety Engineer

Mr. Whittaker has over fourteen years of experience in the EH&S fields. He is a Professional Engineer (PE), Certified Industrial Hygienist (CIH), and Certified Safety Professional (CSP) who has been working in the fields of occupational health and safety since 2011. He is also a Certified Occupational Hearing Conservationist (COHC) and a Radiation Safety Officer (RSO). Mr. Whittaker is a member of the American Conference of Governmental Industrial Hygienists (ACGIH) and the American Industrial Hygiene Association (AIHA). Within AIHA, he is a national member and sits on the Exposure Assessment Strategies Committee, the Noise Committee, and the Defining the Science Advisory Group, as well as current and previous stints as a local section officer for the Deep South Section of AIHA. Mr. Whittaker was born and raised in the New Orleans area and has been living in Baton Rouge, Louisiana since 2008. He graduated from Louisiana Tech University with a Bachelor of Science in Biomedical Engineering with a medical concentration in March 2008. In the summer of 2016, he received a Graduate Certificate from Tulane University School of Public Health and Tropical Medicine for Industrial Hygiene by completing four graduate level courses: Fundamentals of Industrial Hygiene, Toxicology, Air Sampling, and Ventilation. He has attended several professional development courses and other training classes on occupational exposure assessments over the years through AIHA and other organizations. Over the years, Mr. Whittaker has worked on numerous types of projects relating to occupational health and safety, from oil & gas/petrochemical to consumer product manufacturing to government agency to residential. He has experience investigating exposures to fumes, vapors, particulates, fibers, mold, noise, and more. In his current role at TES, Mr. Whittaker is responsible for conducting most of the workplace exposure assessments for clients, performing advanced statistical analysis of exposure data, and writing reports detailing the findings.



James R. Clarke, MBA – Director of Environmental Services

Mr. Clarke has been practicing comprehensive environmental consulting for over fifteen years. He possesses a Master of Business Administration (MBA) degree from Louisiana State University at Shreveport, a Bachelor of Science (BS) degree in Construction Engineering Technology from the University of Southern Mississippi, an Associate of Applied Science (AAS) degree in Architectural Engineering Technology from Holmes Community College, and an Associate of Arts (AA) degree in General Studies from Holmes Community College. Mr. Clarke is responsible for directing the Environmental Division at TES. This includes directing both technical and non-technical professionals. His experience includes conducting asbestos surveys and air monitoring, lead inspections, indoor environmental quality and mold assessments, Resource Conservation and Recovery Act (RCRA) hazardous waste program development and management, risk management, compliance auditing, data management, respiratory protection, personal protective equipment, and training. He has performed and/or managed the performance of thousands of environmental consulting projects throughout a wide range of industries for dozens of major clients.

Stephen Stamm, CSP – Vice President of Operations

Mr. Stamm is an Environmental, Health and Safety Professional with 15 years of experience and holds a Bachelor of Science Degree in Marine Safety and Environmental Protection from Massachusetts Maritime Academy. Having serviced many oil and gas, refining, and petrochemical facilities, his areas of experience includes; project management, industrial hygiene monitoring, staffing, and developing and implementing EHS programs. Mr. Stamm is responsible for managing the Plant Safety Services division at TES. This includes the management and assignment of both technical and non-technical professionals, such as: safety managers, safety professionals, permit writers, and safety attendants. These professionals are allocated to various client sites during maintenance, turnaround, and construction activities.

Jack E. B. Rader, PG – Environmental Compliance Manager at TES, Inc.

Mr. Rader has over fourteen years of experience working in the EH&S fields. He is an accomplished environmental geologist with a wide range of skills and expertise in managing and leading multi-phase environmental and geotechnical projects. With years of experience in subsurface and surficial contamination assessments and remediation, Phase I and II Environmental Site Assessments, landfill/rubbish site permitting and cell expansions, Illicit discharge detection, asbestos and lead-based paint inspections, surface mine permitting, stormwater permitting and more, he has gained a reputation as a skilled and knowledgeable professional in the field. Mr. Rader grew up in Washington D.C. and has been living in New Orleans, Louisiana since 2014. He graduated from Millsaps College in Jackson, Mississippi with a Bachelor of Science in Geology in 2009, passed the ASBOG on his first attempt and received his professional geoscientist license in 2014. After moving to New Orleans, he received his MBA from Tulane University, Freeman School of Business in 2019. Mr. Rader has provided environmental consulting services to a diverse range of companies, including oil refineries, pipeline and production facilities, landfills, rubbish sites, infrastructure development, underground storage tanks, surface mining, commercial and industrial development. He is known for his ability to provide practical solutions to complex environmental problems while maintaining a strong focus on regulatory compliance and safety.



Katelynn Hofmann, GSP – Assistant Environmental Services Manager

Ms. Hofmann is a Graduate Safety Professional (GSP) and is the Assistant Environmental Services Manager who has been managing environmental projects since 2020. Ms. Hofmann possesses a Bachelor of Science degree in Safety, Health, and Environmental Occupation from Southeastern Louisiana University. Her experience includes conducting asbestos surveys and air monitoring, indoor environmental quality/mold, hazardous waste program management, risk management, and compliance auditing. Ms. Hofmann is responsible for the management and assignment of both technical and non-technical professionals, such as: environmental technicians.

Bradley Bigner – Assistant Environmental Services Manager

Mr. Bigner has over five years of experience working in the EH&S fields. In his current role, Bradley assists in the management of various projects involving Environmental, Health, and Safety services across the United States. He also performs asbestos inspections and air sampling, lead air sampling, mold air sampling, data entry, and assists in the management of hazardous waste. Mr. Bigner has experience working in refineries, chemical plants, schools, and universities. Since 2020, he has conducted AHERA 3-year re-inspections and 6-month periodic surveillances for all facilities managed by the Jefferson Parish Public School System. Bradley has supervised several Safety Attendant turnarounds, storm responses, and served as a safety representative at various locations.

Thomas Arnold – Environmental, Health & Safety Associate

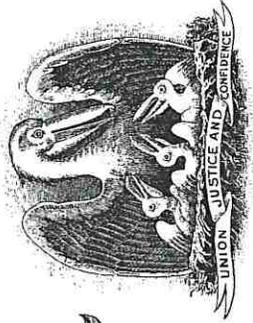
Mr. Arnold has over eight years of experience working in the EH&S fields. In his current role, he performs asbestos bulk and air sampling, lead bulk and air sampling, mold air sampling, DustTrak sampling, noise dose sampling, data entry and assists with the management of hazardous waste. Thomas has experience working in Government facilities, refineries, chemical plants, schools, and universities. In addition, he performs community monitoring, indoor air quality (IAQ) assessments and manages safety personnel during plant and refinery turnarounds.

Noel Pooley, Financial Controller

Mr. Pooley, fulfilling the role of Financial Controller, has been with the company since 2017. Noel possesses a Bachelor of Science degree in Finance from the University of New Orleans. His experience with the operational side of the company includes the management of accounts receivable with an emphasis on deposits and aging receivable, review and management of contracts, payroll, employee 401K benefits management, contract audit manager, accounts payable processing, third party safety site manager.

ATTACHMENT D:
STATE CONTRACTOR'S LICENSE

State of Louisiana



State Licensing Board for Contractors

This is to Certify that:
TECHNICAL ENVIRONMENTAL SERVICES, INC.
P. O. Box 1601
Marrero, LA 70073

is duly licensed and entitled to practice the following classifications

BUILDING CONSTRUCTION



Witness our hand and seal of the Board dated,
Baton Rouge, LA 16th day of November 2020

Will B. Moore
Director

Lee Mallette
Chairman

Expiration Date: November 15, 2023

License No: 64201

Andy ...
Treasurer

This License Is Not Transferrable

ATTACHMENT E:
ARTICLES OF CORPORATION & CORPORATE RESOLUTION



Louisiana
**SECRETARY
 OF STATE**
 R. KYLE ARDOIN

(<https://www.sos.la.gov/Pages/default.aspx>)

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Name	Type	City	Status
TECHNICAL ENVIRONMENTAL SERVICES, INC.	Business Corporation	MARRERO	Active

Previous Names

Business: TECHNICAL ENVIRONMENTAL SERVICES, INC.

Charter Number: 34155486D

Registration Date: 9/24/1984

Domicile Address

5133 TARAVELLA RD.
 MARRERO, LA 70072

Mailing Address

POST OFFICE BOX 1601
 MARRERO, LA 70073

Principal Office Address

5133 TARAVELLA RD.
 MARRERO, LA 70072

Status

Status: **Active**

Annual Report Status: **Not In Good Standing for failure to file Annual Report**

File Date: 9/24/1984

Last Report Filed: 10/7/2022

Type: Business Corporation

Registered Agent(s)

Agent:	CHRISTOPHER T. ROBERTSON
Address 1:	5133 TARAVELLA ROAD
City, State, Zip:	MARRERO, LA 70072
Appointment Date:	4/19/2016

Officer(s)

Additional Officers: No

Officer:	CHRISTOPHER ROBERTSON
Title:	President, Director
Address 1:	5133 TARAVELLA ROAD
City, State, Zip:	MARRERO, LA 70072
Officer:	STEPHEN STAMM
Title:	Secretary, Officer
Address 1:	5133 TARAVELLA ROAD
City, State, Zip:	MARRERO, LA 70072
Officer:	NOEL POOLEY
Title:	Treasurer, Officer
Address 1:	5133 TARAVELLA RD.
City, State, Zip:	MARRERO, LA 70072
Officer:	JAMES CLARKE
Title:	Director, Officer
Address 1:	5133 TARAVELLA RD.
City, State, Zip:	MARRERO, LA 70072

Amendments on File (9)

Description	Date
Disclosure of Ownership	3/6/1995
Disclosure of Ownership	7/25/2013
Amendment	4/19/2016
Domicile, Agent Change or Resign of Agent	4/19/2016
Appointing, Change, or Resign of Officer	4/21/2016
Amendment	9/30/2016
Appointing, Change, or Resign of Officer	3/14/2018
Appointing, Change, or Resign of Officer	3/14/2018
Appointing, Change, or Resign of Officer	3/15/2021

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CORPORATION RESOLUTION

I, Stephen Stamm, DO HEREBY CERTIFY THAT I AM THE DULY QUALIFIED AND ACTING Secretary and the keeper of the records and keeper of the corporate seal of Technical Environmental Services, Inc. (the "Corporation"), a corporation organized and existing under the laws of the State of Louisiana, and that the following is a true and correct copy of a certain resolution duly adopted at a meeting of the Board of Directors thereof, convened and held in accordance with law and the bylaws of said Corporation on the 3rd of October, 2023, and that such resolution is now in full force and effect and is not in contravention of or in conflict with the bylaws or the charter or articles of incorporation of said Corporation.

RESOLVED, that the individuals named below:

Christopher Robertson, President & CEO

Printed Name and Title

Stephen Stamm, Vice President of Operations

Printed Name and Title

Noel Pooley, Financial Controller

Printed Name and Title

James Clarke, Director of Environmental Services

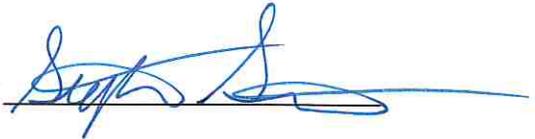
Printed Name and Title

For and on behalf and in the name of said Corporation, is hereby designated the Authorized Representative of this Corporation and is authorized to enter into contracts on behalf of the Corporation.

The Authorized Representative may act upon document executed as herinabove provided so for as the interest of said Corporation is concerned.

IN WITNESS WHEREOF, I have subscribed my name as Secretary the 3rd day of October, 2023.

Certified by Secretary:



Stephen Stamm

10/3/2023

Date

ATTACHMENT F:
SAMPLE REPORTS



**SUSPECT ASBESTOS CONTAINING BUILDING MATERIAL INSPECTION
LOCATED ON
729 5th ST, HARVEY, LA 70058
FOR
JEFFERSON PARISH DEPARTMENT OF INSPECTION & CODE
ENFORCMENT**

February 24, 2023
TES Job #: 109-23088

**SUSPECT ASBESTOS CONTAINING BUILDING MATERIAL INSPECTION
AT 729 5TH AVE., HARVEY, LA 70058**

**FOR JEFFERSON PARISH
INSPECTION & CODE ENFORCEMENT**

February 24, 2023

TES Job #: ENV 109-23088

Written By:



Bradley Bigner
Assistant Environmental Services Manager

Reviewed By:



James R. Clarke, MBA
Director of Environmental Services

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B. Field Notes & Photos of ACM.....	4
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A. Inspector Certification

B. Field Notes & Photos of ACM

C. Laboratory Reports

1. EXECUTIVE SUMMARY:

Technical Environmental Services, Inc. performed an asbestos inspection of the structure located at 729 5th Ave., Harvey, LA to determine if any building materials contained asbestos. A total of thirty-six bulk samples were collected from the residential building. Asbestos was detected in concentrations greater than one percent in fourteen of the thirty-six samples, over twelve homogenous materials. Prior to proceeding with the planned construction/demolition activities, the Asbestos Containing Building Material consisting of transite roof shingles, vinyl tile/mastic and the gypsum wall system, should be removed in accordance with an abatement protocol designed by a Louisiana Department of Environmental Quality accredited asbestos designer. The Client should collect or coordinate the collection of asbestos air sampling during abatement activities.

2. PURPOSE AND SCOPE OF SURVEY:

At the request of Jefferson Parish Inspection and Code Enforcement (JP), Technical Environmental Services, Inc. (TES) performed a complete demolition asbestos inspection to determine if any building materials were asbestos containing. The inspection took place at 729 5th Ave., Harvey, LA. The purpose of the sampling was to determine if any building materials contained asbestos in concentrations greater than one percent (1%) in the proposed construction demolition areas.

3. SITE BACKGROUND:

JP contracted the asbestos inspection to TES. As sites are determined by JP to be demolished, an asbestos survey, in accordance with Louisiana Department of Environmental Quality (LDEQ) asbestos regulations, must be conducted to determine the presence of any Asbestos Containing Building Materials (ACBM). The figures below illustrate the demolition area.

Figure 1.1: View of Exterior of Residential Building



4. SURVEY METHODOLOGY:

TES LDEQ accredited asbestos inspector, Mr. Bradley Bigner, conducted the inspection on February 22nd, 2023. Mr. Bigner’s LDEQ asbestos inspector certificate is available for review as **Attachment A**. The asbestos inspection was completed by collecting samples from suspect ACBMs, recording the material on a field form, sampling the material per the regulatory requirements, and taking a picture of each sampled material. After sampling, a chain of custody was completed, and the samples were shipped to CA Labs, a National Voluntary Laboratory Accreditation Program (NVLAP) accredited laboratory, for analysis via Polarized Light Microscopy (PLM). The field notes can be viewed in **Attachment B**.

5. SURVEY FINDINGS:

Thirty-six bulk samples were collected on February 22, 2023. These samples were collected over twelve different homogenous components. Asbestos was detected in fourteen of the thirty-six samples. A summary of the materials sampled during this event are tabulated below in **Table 5.1**. Field notes and photographs are provided in **Attachment B**. The laboratory reports are provided in **Attachment C**.

Table 5.1: List of Sampled Components Tested for Asbestos

Sample ID	Sample Location	Sample Description	Friable	Estimated Quantity	Concentration Asbestos by PLM
01	East Hallway	Wood Linoleum Tiles under Carpet	No	250 SF	None Detected
02	Middle Hallway	Wood Linoleum Tiles under Carpet	No		None Detected
03	Living Room	Wood Linoleum Tiles under Carpet	No		None Detected
04	West	Transite Roof Shingles	No	1,200 SF	12% Chrysotile
05	East	Transite Roof Shingles	No		12% Chrysotile
06	North	Transite Roof Shingles	No		12% Chrysotile
07	Bedroom 1	1’x1’ Tongue and Groove Ceiling Tiles	No	1,150 SF	None Detected
08	Bedroom 2	1’x1’ Tongue and Groove Ceiling Tiles	No		None Detected
09	Living Room	1’x1’ Tongue and Groove Ceiling Tiles	No		None Detected
10	Entrance Restroom	White Linoleum Sheet Flooring (Top Layer)	No	100 SF	None Detected
11	Middle Restroom	White Linoleum Sheet Flooring (Top Layer)	No		None Detected
12	West Restroom	White Linoleum Sheet Flooring (Top Layer)	No		None Detected
13	Entrance Restroom	Linoleum Flooring (Bottom Layer)	No	100 SF	None Detected
14	Middle	Linoleum Flooring (Bottom	No		None Detected

Sample ID	Sample Location	Sample Description	Friable	Estimated Quantity	Concentration Asbestos by PLM
	Restroom	Layer)			
15	West Restroom	Linoleum Flooring (Bottom Layer)	No		None Detected
16	East Kitchen	12"x12" Beige Linoleum Tiles (Top Layer)	No	200 SF	None Detected
17	Middle Kitchen	12"x12" Beige Linoleum Tiles (Top Layer)	No		None Detected
18	West Kitchen	12"x12" Beige Linoleum Tiles (Top Layer)	No		None Detected
19	East Kitchen	12"x12" Beige Floor Tiles (2 nd Layer)	No	200 SF	None Detected
20	Middle Kitchen	12"x12" Beige Floor Tiles (2 nd Layer)	No		None Detected
21	West Kitchen	12"x12" Beige Floor Tiles (2 nd Layer)	No		None Detected
22	East Kitchen	12"x12" Dark Brown Floor Tiles (3 rd Layer)	No	200 SF	2% Chrysotile
23	Middle Kitchen	12"x12" Dark Brown Floor Tiles (3 rd Layer)	No		2% Chrysotile
24	West Kitchen	12"x12" Dark Brown Floor Tiles (3 rd Layer)	No		2% Chrysotile
25	East kitchen	Beige/Black Linoleum Sheet Flooring (4 th Layer)	No	200 SF	3% Chrysotile
26	Middle Kitchen	Beige/Black Linoleum Sheet Flooring (4 th Layer)	No		3% Chrysotile
27	West Kitchen	Beige/Black Linoleum Sheet Flooring (4 th Layer)	No		3% Chrysotile
28	Middle Kitchen	12"x12" Beige/Rock Texture Floor Tiles (Bottom Layer)	No	200 SF	3-5% Chrysotile
29	East Kitchen	12"x12" Beige/Rock Texture Floor Tiles (Bottom Layer)	No		3-5% Chrysotile
30	West Kitchen	12"x12" Beige/Rock Texture Floor Tiles (Bottom Layer)	No		3-5% Chrysotile
31	SE Corner Bedroom 1	Gypsum Wall System	No	800 SF	2% Chrysotile
32	S Wall bedroom 1	Gypsum Wall System	No		2-3% Chrysotile
33	W Wall Bedroom 1	Gypsum Wall System	No		None Detected
34	West Hallway	Spray-On Ceiling Texture	Yes	50 SF	None Detected
35	Middle Hallway	Spray-On Ceiling Texture	Yes		None Detected
36	East Hallway	Spray-On Ceiling Texture	Yes		None Detected

6. DISCUSSION OF THE RESULTS:**Asbestos was detected in concentrations greater than 1% in the following materials:**

1. **729 5th Ave. Residential Building:**
 - a. **Transite Roof Shingles (Approx. 1,200 SF) located on Exterior Roof. Homogenous number is H2M.**
 - b. **12"x12" Dark Brown Floor Tiles (Approx. 200 SF) located in Kitchen, 3rd Layer. Homogenous number is H8M.**
 - c. **Beige/Black Linoleum Sheet Flooring (Approx. 200 SF) located in Kitchen, 4th Layer. Homogenous number is H9M.**
 - d. **12"x12" Beige/Rock textured Floor Tiles (Approx. 200 SF) located in Kitchen, Bottom Layer. Homogenous number is H10M.**
 - e. **Gypsum Wall System (Approx. 800 SF) located in Multiple Areas Throughout. Homogenous number is H11M.**

These materials must be properly abated prior to beginning construction demolition activities. The above referenced quantities are approximations and should be confirmed by the abatement contractor.

7. RECOMMENDATION(S):

1. Have a LDEQ accredited asbestos designer develop an abatement protocol.
2. Remove all identified ACBM in accordance with the abatement specification prior to proceeding with construction activities.
 - 2.1. A state certified asbestos abatement contractor should be contracted to perform the abatement activities in accordance with state and federal regulations.
3. The Client should coordinate the performance of third-party asbestos air monitoring throughout the duration of abatement activities.

8. ATTACHMENTS:

- A. Inspector Certification
- B. Field Notes & Photos of ACM
- C. Laboratory Report

ATTACHMENT A:
INSPECTOR CERTIFICATE

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

certifies that

Bradley Bigner

**Has complied with all requirements of the Louisiana Department of Environmental Quality
and is authorized to perform the duties of**

Asbestos Inspector

Accreditation No. J1219530

AI No. 219530

Date of Issuance July 25, 2022

Expiration July 30, 2023

**Failure to comply with all applicable provisions of La. R.S. 2025.E. (1)(a) and La. R.S. 2025.F. (2)(a)
may result in civil and/or criminal enforcement actions by the State.**

Charles Finley

**Permit Support Services Division
Office of Environmental Services**

LOUISIANA

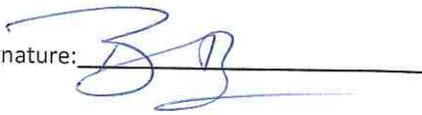
ATTACHMENT B:
FIELD NOTES
& PHOTOS OF ACM



Project Information	
Client: JP	TES Job # ENV-107-23088
Client Location: 789 5 th Ave, Harvey LA	Date: 2/22/23
Project: ACM Inspection	Page 1 of 2
Work Area Location(s): Residential Home	

Time Frame	Observations
900	Arrived onsite, performed visual inspection of property damaged by tornado. 1200 sq raised home, wood exterior with transite roof shingles interior has 1x1 tongue and groove ceiling tiles with spray-on texture in hallway outside restroom. Multiple types of flooring throughout with gypsum walls and wood panel walls. wall insulation is non-suspect fiberglass.
	Started sampling.
	H2M - wood linoleum tiles under carpet
	01 - E Hallway
	02 - middle hallway
	03 - living room
	H2M - transite roof shingles
	04 - west
	05 - east
	06 - north
	H3M - 1x1 tongue and groove ceiling tiles
	07 - bedroom 1
	08 - bedroom 2
	09 - living room
	H4M - white linoleum sheet (top layer restroom)
	10 - entrance
	11 - middle
	12 - west
	H5M - linoleum flooring (bottom layer restroom)
	13 - entrance
	14 - middle
	15 - west

Print Name: Bradley Bigler

Signature: 

817001316207

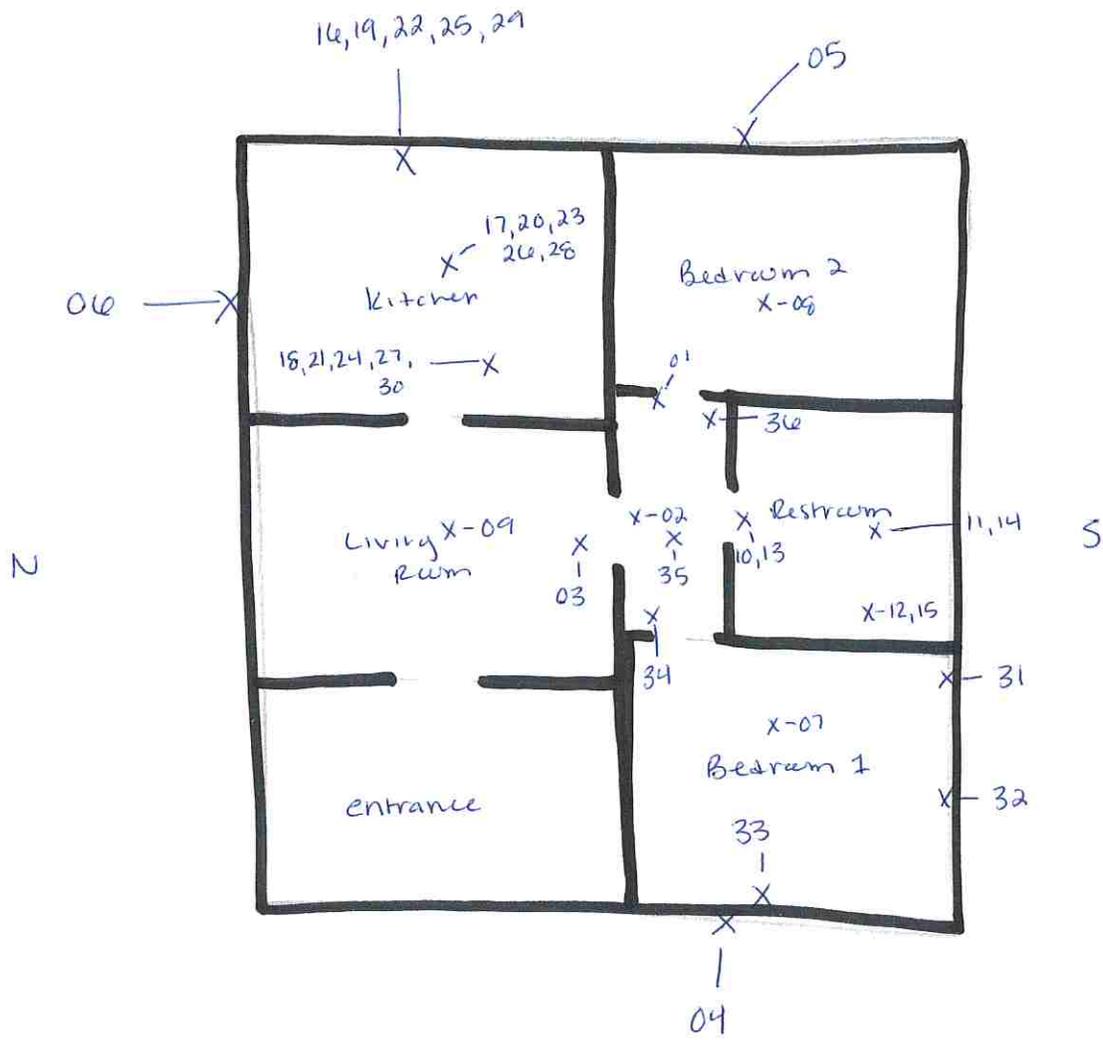


Project Information	
Client: JP	TES Job # ENV-109-23088
Client Location: 729 5 th Ave, Harvey LA	Date: 2/22/23
Project: ACM inspection	Page 2 of 2
Work Area Location(s): Residential Home	

Time Frame	Observations
H6m	- 12x12 Beige Inoleum tiles (top layer kitchen) 14 - East 17 - middle 18 - west
H7m	- 12x12 Beige tiles (2 nd layer kitchen) 19 - East 20 - middle 21 - west
H8m	- 12x12 dark brown tiles (3 rd layer kitchen) 22 - East 23 - middle 24 - west
H9m	- Beige/black Inoleum sheet (4 th layer kitchen) 25 - East 26 - middle 27 - west
H10m	- 12x12 Beige/Rock textured tiles (bottom layer kitchen) 28 - middle 29 - east 30 - west
H11m	- gypsum wall system 31 - SE corner bedroom 1 32 - S wall bedroom 1 33 - W wall bedroom 1
H12m	- spray-on texture 34 - west hallway 35 - middle hallway 36 - east hallway
1400	Finished sampling, left work site.

Print Name: Bradley Bigner

Signature: 



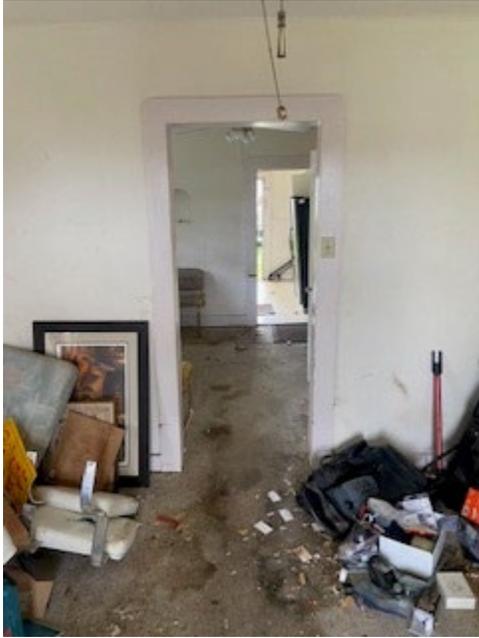
Asbestos Inspection Form



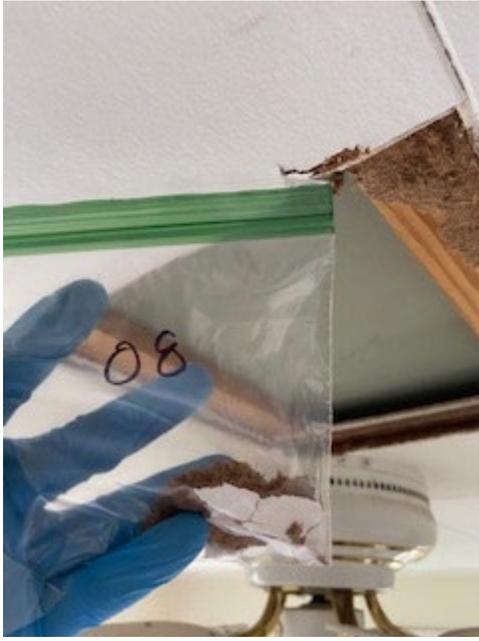
Client: JP
 Facility: Residential Home
 Address: 729 5th Ave, Harvey LA
 Project: AcM inspection

Inspection Date: 2/22/23
 TES Project #: ENV-109-23088
 Inspector Name (print): Bradley Bignur
 Inspector Signature: [Signature]

Homogenous #	Sample #	Material Description	Functional Space (locations)	Estimated Quantity	(1) AHERA Category	(2) Condition	Friable (Y/N)	(3) ACM (Y/N)
H1m	01	wood linoleum tiles under carpet	Hallway / living room	250sf	m	S	N	
	02							
	03							
H2m	04	transite roof shingles	throughout	1200sf				
	05							
	06							
H3m	07	1x1 lounge & groove ceiling tiles	throughout	1150sf				
	08							
	09							
H4m	10	white linoleum sheet flooring (top layer)	Restroom	100sf				
	11							
	12							
H5m	13	linoleum sheet flooring (bottom layer)		100sf				
	14							
	15							
H6m	16	12x12 Beige linoleum tiles (top layer)	Kitchen	200sf	m	S	N	
	17							
	18							
H7m	19	12x12 Beige tiles (2nd layer)		200sf				



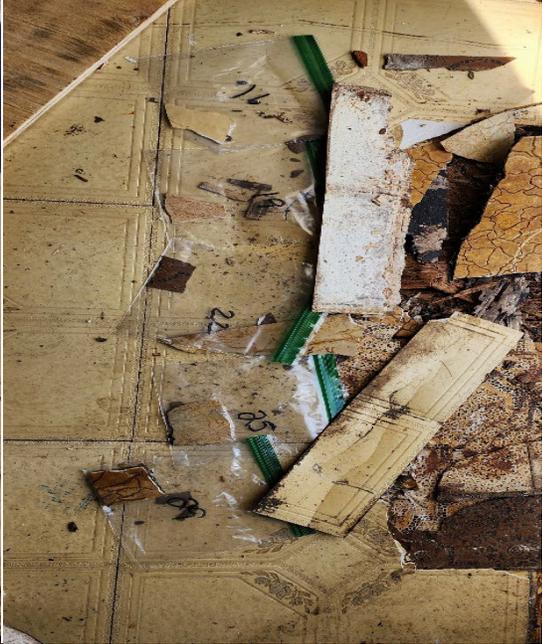








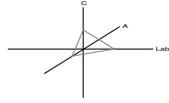




ATTACHMENT C:
LABORATORY REPORT

CA Labs
Dedicated to
Quality

CA Labs, L.L.C.
12232 Industriplex, Suite 32
Baton Rouge, LA 70809
Phone 225-751-5632
Fax 225-751-5634



NVLAP #200772-0
TDSHS #300370
CDPHE #AL-18111
LELAP #03069

Materials Characterization - Bulk Asbestos Analysis

Laboratory Analysis Report - Polarized Light

Technical Environmental Services, Inc.

Attn: James Clarke

5133 Taravella Rd
Marrero, LA 70072

Customer Project: 729 5th Ave
Reference #: CBR23021376

Date: 2/23/2023

Analysis and Method

Summary of polarizing light microscopy (PLM / Stereomicroscopy bulk asbestos analysis) using the methods described in 40CFR Part 763 Appendix E to Subpart E (Interim and EPA 600 / R-93 / 116 (Improved). The sample is first viewed with the aid of stereomicroscopy. Numerous liquid slide preparations are created for analysis under the polarized microscope where identifications and quantifications are performed. Calibrated liquid refractive oils are used as liquid mounting medium. These oils are used for identification (dispersion staining). A calibrated visual estimation is reported, should any asbestiform mineral be present. Other techniques such as acid washing are used in conjunction with refractive oils for detection of smaller quantities of asbestos. All asbestos percentages are based on calibrated visual estimation traceable to NIST standards for regulated asbestos. Traceability to measurement and calibration is achieved by using known amounts and types of asbestos from standards where analyst and laboratory accuracy are measured. As little as 0.001% asbestos can be detected in favorable samples, while detection in unfavorable samples may approach the detection limit of 0.50% (well above the laboratory definition of trace).

Discussion

Vermiculite containing samples may have trace amounts of actinolite-tremolite, where not found by PLM should be analyzed using TEM methods and / or water separation techniques. Suspected actinolite/vermiculite presence will be indicated through the sample comment section of this report.

Fibrous talc containing samples may even contain a related asbestos fiber known as anthophyllite. Under certain conditions the same fiber may actually contain both talc and anthophyllite (a phenomenon called intergrowth). Again, TEM detection methods are recommended. CA Labs PLM report comments will denote suspected amounts of asbestiform anthophyllite with talc, where further analysis is recommended.

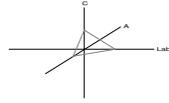
Some samples (floor tiles, surfacings, etc.) may contain fibers too small to be detectable by PLM analysis and should be analyzed by TEM bulk protocols.

A "trace asbestos" will be reported if the analyst observes far less than 1% asbestos. CA Labs defines "trace asbestos" as a few fibers detected by the analyst in several preparations and will indicate as such under these circumstances.

Quantification of <1% will actually be reported as <=1% (allowable variance close to 1% is high). Such results are ideal for point counting, and the technique is mandatory for friable samples (NESHAP, Nov. 1990 and clarification letter 8 May 1991) under 1% percent asbestos and the "trace asbestos". **In order to make all initial PLM reports issued from CA Labs NESHAP compliant, all <1% asbestos results (except floor tiles) will be point counted at no additional charge.**

Qualifications

CA Labs is accredited by the National Voluntary Accreditation Program (NVLAP) for selected test methods for airborne fiber analysis (TEM), and for bulk asbestos fiber analysis (PLM). All analysts have a college degree in a natural science (geology, biology, or environmental science) or are recognized by a state professional board in one these disciplines. Extensive in-house training programs are used to augment education background of the analyst. The group leader of polarized light has received supplemental McCrone Research training for asbestos identification. This report is not covered by the scope of AIHA accreditation. Analysis performed at CA Labs, LLC 12232 Industriplex, Suite 32 Baton Rouge, LA 70809.



Overview of Project Sample Material Containing Asbestos

Customer Project:	729 5th Ave	CA Labs Project #:	CBR23021376
Sample #	Layer #	Analysts Physical Description of Subsample	Asbestos type / calibrated visual estimate percent
			List of Affected Building Material Types

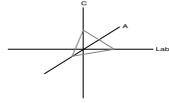
04	04-1	Gray Transite	12% Chrysotile
05	05-1	Gray Transite	12% Chrysotile
06	06-1	Gray Transite	12% Chrysotile
22	22-1	Brown Floor Tile	2% Chrysotile
23	23-1	Brown Floor Tile	2% Chrysotile
24	24-1	Brown Floor Tile	2% Chrysotile
25	25-1	Tan Floor Tile	3% Chrysotile
26	26-1	Tan Floor Tile	3% Chrysotile

Gray Transite
Brown Floor Tile
Tan Floor Tile
Black Mastic
White Surfaced White and Tan Compound
Tan Compound Beneath Tape

Glossary of abbreviations (non-asbestos fibers and non-fibrous minerals):

ca - carbonate	pe - perlite	fg - fiberglass	pa - palygorskite (clay)
gypsum - gypsum	qu - quartz	mw - mineral wool	
bi - binder		wo - wollastinite	
or - organic		ta - talc	
ma - matrix		sy - synthetic	
mi - mica		ce - cellulose	
ve - vermiculite		br - brucite	
ot - other		ka - kaolin (clay)	

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Overview of Project Sample Material Containing Asbestos

Customer Project: 729 5th Ave **CA Labs Project #:** CBR23021376

Sample #	Layer #	Analysts Physical Description of Subsample	Asbestos type / calibrated visual estimate percent	List of Affected Building Material Types
----------	---------	--	--	--

27 27-1 Tan Floor Tile **3% Chrysotile**

28 28-1 Tan Floor Tile **3% Chrysotile**

28-2 Black Mastic **5% Chrysotile**

29 29-1 Tan Floor Tile **3% Chrysotile**

29-2 Black Mastic **5% Chrysotile**

30 30-1 Tan Floor Tile **3% Chrysotile**

30-2 Black Mastic **5% Chrysotile**

31 31-1 *White Surfaced White and Tan Compound* **2% Chrysotile**

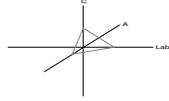
Glossary of abbreviations (non-asbestos fibers and non-fibrous minerals):

- | | | | |
|------------------|--------------|--------------------|--------------------------|
| ca - carbonate | pe - perlite | fg - fiberglass | pa - palygorskite (clay) |
| gypsum - gypsum | qu - quartz | mw - mineral wool | |
| bi - binder | | wo - wollastinite | |
| or - organic | | ta - talc | |
| ma - matrix | | sy - synthetic | |
| mi - mica | | ce - cellulose | |
| ve - vermiculite | | br - brucite | |
| ot - other | | ka - kaolin (clay) | |

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 Phone 225-751-5632
 Fax 225-751-5634



NVLAP #200772-0
TDSHS #300370
CDPHE #AL-18111
LELAP #03069

Overview of Project Sample Material Containing Asbestos

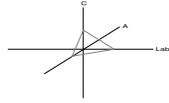
Customer Project:	729 5th Ave		CA Labs Project #:	CBR23021376
Sample #	Layer #	Analysts Physical Description of Subsample	Asbestos type / calibrated visual estimate percent	List of Affected Building Material Types

32		<i>White Surfaced White and Tan Compound</i>	2% Chrysotile	
		<i>32-2 Tan Compound Beneath Tape</i>	3% Chrysotile	

Glossary of abbreviations (non-asbestos fibers and non-fibrous minerals):

- | | | | |
|------------------|--------------|--------------------|--------------------------|
| ca - carbonate | pe - perlite | fg - fiberglass | pa - palygorskite (clay) |
| gypsum - gypsum | qu - quartz | mw - mineral wool | |
| bi - binder | | wo - wollastinite | |
| or - organic | | ta - talc | |
| ma - matrix | | sy - synthetic | |
| mi - mica | | ce - cellulose | |
| ve - vermiculite | | br - brucite | |
| ot - other | | ka - kaolin (clay) | |

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Polarized Light Asbestiform Materials Characterization

Customer Info: Attn: James Clarke
Technical Environmental Services, Inc.
5133 Taravella Rd
Marrero, LA 70072

Customer Project:
729 5th Ave

CA Labs Project #:
CBR23021376

Phone # 504-348-3098
Fax # 504-348-3043

Turnaround Time: 4 hr

Date: 2/23/2023
Samples Received: 2/23/2023
Date Of Sampling: 2/22/2023
Purchase Order #: ENV-109-23088

Sample #	Com ment	Layer #	Analysts Subsample	Physical Description of	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
01		01-1		Brown Self Adhesive Floor Tile	Y	None Detected		100% qu, ma, bi
02		02-1		Brown Self Adhesive Floor Tile	Y	None Detected		100% qu, ma, bi
		02-2		White Covering	Y	None Detected		100% qu, ma, bi
03		03-1		Brown Self Adhesive Floor Tile	Y	None Detected		100% qu, ma, bi
04		04-1		Gray Transite	Y	12% Chrysotile		88% qu, ma, ca
05		05-1		Gray Transite	Y	12% Chrysotile		88% qu, ma, ca
06		06-1		Gray Transite	Y	12% Chrysotile		88% qu, ma, ca

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)
Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for identification of asbestos types by dispersion attaining / becke line method.

ca - carbonate	mi - mica	fg - fiberglass	ce - cellulose
gypsum - gypsum	ve - vermiculite	mw - mineral wool	br - brucite
bi - binder	ot - other	wo - wollastinite	ka - kaolin (clay)
or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

Approved Signatories:

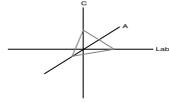
Sidney Pinkerton
Analyst

Senior Analyst
Alicia Stretz

Laboratory Director
Chris Williams

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9. < 1% Result point counted positive
10. TEM analysis suggested



Polarized Light Asbestiform Materials Characterization

Customer Info: Attn: James Clarke
Technical Environmental Services, Inc.
5133 Taravella Rd
Marrero, LA 70072

Customer Project:
729 5th Ave

CA Labs Project #:
CBR23021376

Phone # 504-348-3098
Fax # 504-348-3043

Turnaround Time: 4 hr

Date: 2/23/2023
Samples Received: 2/23/2023
Date Of Sampling: 2/22/2023
Purchase Order #: ENV-109-23088

Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
07		07-1	Brown Ceiling Tile	Y	None Detected	90% ce	10% qu, bi
08		08-1	Brown Ceiling Tile	Y	None Detected	90% ce	10% qu, bi
09		09-1	Brown Ceiling Tile	Y	None Detected	90% ce	10% qu, bi
10		10-1	Tan Linoleum	Y	None Detected	10% fg	90% qu, ma
11		11-1	Tan Linoleum	Y	None Detected	10% fg	90% qu, ma
12		12-1	Tan Linoleum	Y	None Detected	10% fg	90% qu, ma
13		13-1	White Self Adhsive Floor Tile	Y	None Detected		100% qu, ma, bi

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)
Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for identification of asbestos types by dispersion attaining / becke line method.

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bi - binder	ot - other	wo - wollastinite	ka - kaolin (clay)
or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

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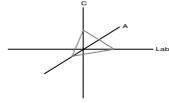
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Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
		18-2	Yellow Mastic	Y	None Detected		100% qu, bi
19		19-1	Tan Floor Tile	Y	None Detected		100% qu, ca
		19-2	Yellow Mastic	Y	None Detected		100% qu, bi
20		20-1	Tan Floor Tile	Y	None Detected		100% qu, ca
		20-2	Yellow Mastic	Y	None Detected		100% qu, bi
21		21-1	Tan Floor Tile	Y	None Detected		100% qu, ca
		21-2	Yellow Mastic	Y	None Detected		100% qu, bi

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)
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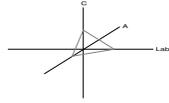
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22		22-1	Brown Floor Tile	Y	2% Chrysotile		98% qu, ma, ca
		22-2	Yellow Mastic	Y	None Detected		100% qu, bi
23		23-1	Brown Floor Tile	Y	2% Chrysotile		98% qu, ma, ca
		23-2	Yellow Mastic	Y	None Detected		100% qu, bi
24		24-1	Brown Floor Tile	Y	2% Chrysotile		98% qu, ma, ca
		24-2	Yellow Mastic	Y	None Detected		100% qu, bi
25		25-1	Tan Floor Tile	Y	3% Chrysotile		97% qu, ma, ca

Analysis Method: Interim (40CFR Part 763 Appendix E to Subpart E) / Improved (EPA-600 / R-93/116)
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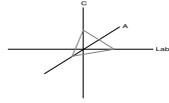
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		25-2	Yellow Mastic	Y	None Detected		100% qu, bi
26		26-1	Tan Floor Tile	Y	3% Chrysotile		97% qu, ma, ca
		26-2	Yellow Mastic	Y	None Detected		100% qu, bi
27		27-1	Tan Floor Tile	Y	3% Chrysotile		97% qu, ma, ca
		27-2	Yellow Mastic	Y	None Detected		100% qu, bi
28		28-1	Tan Floor Tile	Y	3% Chrysotile		97% qu, ma, ca
		28-2	Black Mastic	Y	5% Chrysotile		95% qu, bi

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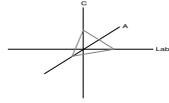
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Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
			<i>Tan Linoleum with Black Felt</i>				
28-3			<i>Backing</i>	Y	None Detected	30% ce	70% qu, ma, bi
			<i>White Linoleum with Black Felt</i>				
28-4			<i>Backing</i>	Y	None Detected	30% ce	70% qu, ma, bi
29			<i>29-1 Tan Floor Tile</i>	Y	3% Chrysotile		97% qu, ma, ca
			<i>29-2 Black Mastic</i>	Y	5% Chrysotile		95% qu, bi
			<i>Tan Linoleum with Black Felt</i>				
29-3			<i>Backing</i>	Y	None Detected	30% ce	70% qu, ma, bi
			<i>White Linoleum with Black Felt</i>				
29-4			<i>Backing</i>	Y	None Detected	30% ce	70% qu, ma, bi
30			<i>30-1 Tan Floor Tile</i>	Y	3% Chrysotile		97% qu, ma, ca

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Preparation Method: HCL acid washing for carbonate based samples, chemical reduction for organically bound components, oil immersion for identification of asbestos types by dispersion attaining / becke line method.

ca - carbonate	mi - mica	fg - fiberglass	ce - cellulose
gypsum - gypsum	ve - vermiculite	mw - mineral wool	br - brucite
bi - binder	ot - other	wo - wollastinite	ka - kaolin (clay)
or - organic	pe - perlite	ta - talc	pa - palygorskite (clay)
ma - matrix	qu - quartz	sy - synthetic	

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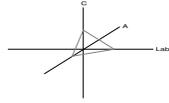
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Polarized Light Asbestiform Materials Characterization

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Technical Environmental Services, Inc.
5133 Taravella Rd
Marrero, LA 70072

Customer Project:
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Fax # 504-348-3043

Turnaround Time: 4 hr

Date: 2/23/2023
Samples Received: 2/23/2023
Date Of Sampling: 2/22/2023
Purchase Order #: ENV-109-23088

Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
			30-2 Black Mastic	Y	5% Chrysotile		95% qu, bi
			Tan Linoleum with Black Felt 30-3 Backing	Y	None Detected	30% ce	70% qu, ma, bi
			White Linoleum with Black Felt 30-4 Backing	Y	None Detected	30% ce	70% qu, ma, bi
31			White Surfaced White and Tan 31-1 Compound	N	2% Chrysotile		98% qu, mi, bi, ca
			31-2 White Drywall with Paper	N	None Detected	10% ce	90% qu, gy
32			White Surfaced White and Tan 32-1 Compound	N	2% Chrysotile		98% qu, mi, bi, ca
			32-2 Tan Compound Beneath Tape	Y	3% Chrysotile		97% qu, mi, ca

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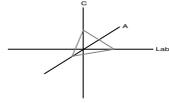
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Sample #	Com ment	Layer #	Analysts Physical Description of Subsample	Homo- geneo us (Y/N)	Asbestos type / calibrated visual estimate percent	Non-asbestos fiber type / percent	Non-fibrous type / percent
		32-3	White Drywall with Paper	N	None Detected	10% ce	90% q
33		33-1	White Surfacing	Y	None Detected		100% qu, ma, bi
		33-2	White Drywall with Paper	N	None Detected	10% ce	90% qu, gy
34		34-1	White Textured Surfacing	N	None Detected		100% qu, mi, bi, ca, ot
35		35-1	White Textured Surfacing	N	None Detected		100% qu, mi, bi, ca, ot
36		36-1	White Textured Surfacing	N	None Detected		100% qu, mi, bi, ca, ot

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Chain of Custody

Client Name: TES CA Labs job # CBR 23021376

Client Address: 5133 taravilla Rd. Billing Address: Same
Marrero LA 70072 (if different)

phone number: 504-348-3098

fax number: _____

Project Number: ENV-109-23088 Send Reports to: bbigner@tesconsult.com

Project Name: 729 5th Ave

Contact: Bradley Bigner Reports Results VIA: EMAIL FAX _____ VERBAL _____

Total # Samples Submitted: <u>36</u>	Total # Samples to be Analyzed: <u>36</u>	Material Matrix: Air <u>(Bulk)</u> Water
---	--	---

Asbestos: *please call ahead for availability of all rush and/or after hours samples.*

TEM	TA Time	PLM	TA Time	Optical / IAQ	TA Time
<i>Circle analysis and TA time</i>		<i>Circle analysis and TA time</i>	<u>2 hour</u>	Allergen Particle:	2 hour
AHERA	4 hour	Improved	<u>4 hour</u>	tape/bulk/swab	4 hour
EPA Level II	8 hour	Interim	8 hour	Cyclex-d cassettes	8 hour
Drinking Water	16 hour		16 hour	Air-o-cell cassettes	16 hour
Wipe	24 hour	<u>AHERA</u>	24 hour	Anderson cultures	24 hour
Micro-vac	2 days		2 days	Bulk/swab cultures	2 days
NIOSH 7402	3 days	Point Count -	3 days	Bacteria cultures	3 days
Chatfield Bulk	5 days	(NESHAPS)	5 days	PCM: NIOSH 7400	5-10 days

Lead: *Circle analysis and TA time*

Matrix:	Paint Chips	Soil	Air	Wipes	Wastewater	TCLP
TA Time:	8 hour	1 day	2 days	3 days	5 days	6-10 days

Sample Information:

Sample Number:	Sample Location:	Sample Date/Time:	Sample Volume (L)
01	E Hallway	2/22/23 Am	1" x 1"
02	Middle Hallway		
03	Living room		
04	West		
05	East		

Custody Information:

Samples relinquished: [Signature] 2/22/23 pm
Signature / Date / Time

Samples received: Carol Bracey 2/23/23 9:40
Signature / Date / Time

Samples relinquished: _____
Signature / Date / Time

Samples received: _____
Signature / Date / Time

Client Name: TES
 Client Address: 5133 Tarawella Rd.
Marrero LA 70072
 phone number: 504-348-3098
 fax number: _____
 Project Number: ENV-109-23068
 Contact: Bradley Bignier

CA Labs job # CBR 23021376
 Billing Address: Same
 (if different) _____
 Send Reports to: bbigner@tesconsult.com
 Project Name: 729 5th Ave
 Reports Results
 VIA: EMAIL FAX _____ VERBAL _____

Sample Number:	Sample Location:	Sample Date/Time:	Sample Volume (L)
06	North	2/22/23 Am	1 "X" 1"
07	bedroom 1		
08	bed room 2		
09	living room		
10	entrance		
11	middle		
12	west		
13	entrance		
14	middle		
15	west		
16	East		
17	middle		
18	west		
19	East		
20	middle		
21	west		
22	East		
23	middle		
24	west		
25	East		
26	middle		
27	west		
28	middle		
29	East		

For internal use:
 Any initial changes regarding project (indicate yes by checking line) _____

Custody Information:
 Samples relinquished: [Signature] 2/22/23 pm
 Signature / Date / Time
 Samples relinquished: _____
 Signature / Date / Time

Samples received: Carey Bracey 9:40
 Signature / Date / Time 2/23/23
 Samples received: _____
 Signature / Date / Time

ATTACHMENT G:
PREVIOUS EXPERIENCE

TES conducted Phase I Environmental Site Assessments in accordance with ASTM and the EPA's *All Appropriate Inquiry* rule for several power provider facilities located in New Orleans, LA. Relevant records were researched, key personnel were interviewed, and site reconnaissance was performed with the objective of revealing *recognized environmental conditions (RECs)*.

TES conducted Phase II Environmental Site Assessments for several power provider facilities located in New Orleans, LA. The purpose of the Subsurface Investigations was to investigate the Recognized Environmental Condition (REC) identified in the Phase I reports.

TES conducted Phase II Environmental Site Assessments at a government facility located in Kiln, MS. The purpose of the Subsurface Investigations was to investigate the Recognized Environmental Condition (REC) identified in the Phase I reports and determine the appropriate disposal methods.

TES conducted monthly RCRA hazardous waste auditing at several healthcare facilities located in New Orleans, LA. The purpose of the audit was to identify compliance violations and develop a more robust hazardous waste program for the client. TES served as the liaison between the client and state/government agencies.

TES provided community air adjacent to a large petroleum refinery. TES received a phone call requesting continuous community monitoring around the refinery to provide real-time exposure monitoring data related to potential community impact associated with an unplanned flaring event. The response continued for eight (8) days with data collected twenty-four hours per day at hourly intervals. Constituents of concern identified by the Site Team Lead included volatile organic compounds (VOCs), benzene, hydrogen sulfide (H₂S), carbon monoxide (CO), oxygen (O₂), and lower explosive limit (%LEL).

In the aftermath of Hurricane Ida, TES assisted one of the largest Public School Systems in Louisiana by conducting asbestos and mold assessments at over 70 schools impacted by the storm. In the aftermath of Hurricane Ida, TES mobilized inspectors to the sites to collect bulk and air samples, as well as moisture mapping. TES' inspectors drove samples to an accredited laboratory in Baton Rouge, which resulted in same day results. TES has developed hundreds of asbestos project designs and conducted air monitoring for this client over 3 decades.

TES has performed hundreds of asbestos inspections of Parish facilities scheduled for demolition in the Greater New Orleans Area, to determine if suspect materials were classified as Asbestos Containing Materials. TES has held this contract for nearly 7 years.

TES performed a limited asbestos and lead inspection at a power provider facility in New Orleans, LA. Bulk asbestos samples were collected and analyzed for asbestos during this inspection and lead paint chip samples were collected and analyzed to determine lead concentration by weight during this study.

Technical Environmental Services, Inc. (TES) conducted a limited mold survey of the meter reader office at a power provider facility in New Orleans, LA. Employees were concerned that mold was present due to stains and discoloration on ceiling the meter room tiles. Therefore, TES surveyed the meter reader office for visible mold growth, odor, water intrusion and airborne mold levels.

TES performed a qualitative risk assessment at a chemical manufacturing facility in Geismar, LA. The purpose of the assessment was to determine the inherent risks associated with performing routine tasks, and to set up the background for developing a quantitative industrial hygiene exposure assessment in the form of a strategic sampling plan. The purpose of the subsequent sampling plan was to provide a three-year strategy for performing industrial hygiene exposure monitoring, through which medical surveillance requirements and other controls can be determined.

TES conducted an industrial hygiene exposure assessment to quantify the area and personnel exposures to antimony, beryllium, cadmium, chromium, hexavalent chromium, cobalt, copper, iron oxide, lead, manganese, molybdenum, nickel, vanadium, zinc oxide, and total particulate during a thermal spray application process at the manufacturing facility located in Crossett, AR.

TES conducted a respirable crystalline silica and respirable dust exposure assessment during sandblasting on non-painted surfaces of a marine vessel in a blast enclosure building and cleanup activities in the blast tent at the new facility located in Lockport, LA.

TES performed a laboratory fume hood and snorkel survey at a lubricants manufacturing facility in Port Allen, Louisiana. The purpose of the study was to evaluate the current efficiency of client-identified fume hoods and snorkels in the facility's laboratory, in accordance with the American National Standards Institute (ANSI) and American Industrial Hygiene Association (AIHA) Z9.5-2003 American National Standards for Laboratory Ventilation and the American Conference of Governmental Industrial Hygienists (ACGIH) Industrial Ventilation Manual.

TES provided asbestos inspections, project designs and construction management for the abatement that occurred at an Elementary School during the summer of 2019. 33,000 square feet of asbestos containing flooring material was abated, with new vinyl floor tile applied back before the return of school personnel. Due to the scope of this project, TES managed the public bid that took place prior to abatement activities. TES also provided daily air monitoring and clearance sampling for multiple containments. TES is currently in good standing and has continued its relationship with the client.

TES is the hazardous waste consultant for a large health care provider in Louisiana. TES conducts weekly and monthly RCRA hazardous waste audits at hospital facilities. TES serves as the liaison between the EPA and the client. TES is currently in good standing and has continued its relationship with the client.

TES conducted a mold assessment of a proposed new location in Flora, Mississippi for a large power distribution company in the south. Employees were concerned that mold was present due to visible mold growth, stains and discoloration on ceilings and roof leaks. TES developed the mold remediation protocol and provided project oversight throughout the duration of the project, which took place in March and April of 2022.

TES provided asbestos air monitoring during the abatement of all asbestos containing thermal system insulation in the Unit located at the refinery in St. Bernard Parish. TES conducted air monitoring

throughout the entirety of the abatement project, which took place between October of 2018 and February of 2019. Additionally, a TES CIH performed a comprehensive exposure risk assessment. The risk assessment was used to develop the subsequent IH sampling plan. Once the sampling plan was approved by the site in 2011, TES's IH Technicians performed the full-shift, short-term and job-task sampling. The sampling data and laboratory results were inputted into a master spreadsheet for submittal to the client. Employee notifications were developed by TES and presented to the client for approval and distribution. A final report was developed to detail the scope of the sampling, project background information, sampling methodology, sampling equipment, sampling results, discussion of the results, and recommendations. A power point presentation summarizing the project was also developed and provided to the client. The site's plan is to perform enough monitoring per SEG per analyte to perform statistical analysis. The Corporate CIH found no issues with the program and offered TES's contact information to several other Valero sites that needed IH program management and sampling. TES inputted the site's recent data into *Essential Suites*. TES now has three personnel trained to use *Essential Suites*. In addition to the above routine sampling, TES has provided the personnel, equipment, and analytical services to perform shutdown air monitoring and as-needed air monitoring at the site. TES is currently in good standing and has continued its relationship with the client.

Over the last several years, TES has provided the personnel equipment and analytical services to perform shutdown air monitoring and as-needed air monitoring at a refinery located in St. Charles Parish. Based on the sampling plan provided, TES performed IH monitoring, data entry, and production of employee notifications for the client. A final report was developed to detail the scope of the sampling, project background information, sampling methodology, sampling equipment, sampling results, discussion of the results, and recommendations. A power point presentation summarizing the project was also developed and provided to the client. TES is currently in good standing and has continued its relationship with the client.

TES has managed the IH sampling program of a large refinery located in Plaquemines Parish. TES used a risk assessment to develop an annual IH sampling plan. Once the site approved the sampling plan, TES Associate IH and IH Technicians completed the annual sampling. The site has been working towards obtaining enough data per SEG per constituent to perform statistical analysis. TES input the site's recent data into *Medgate*. Employee notifications were developed by TES and presented to the client for approval and distribution. A final report was developed to detail the scope of the sampling, project background information, sampling methodology, sampling equipment, sampling results, discussion of the results, and recommendations. A power point presentation summarizing the project was also developed and provided to the client. TES is currently in good standing and has continued its relationship with the client.

TES maintains a full time IH technician at the Norco refinery site to perform routine, as needed, and shutdown IH monitoring. The employee has become an integral part of the site's EH&S team, participating, and providing input in the site's weekly and monthly meetings. The site uses SAP IH module to maintain its data. TES has three personnel who have been trained to use the database, of which, two employees use the database weekly. TES is currently in good standing and has continued its relationship with the client.

TES maintains a full time IH technician at the Geismar refinery site to perform routine, as needed, and shutdown IH monitoring. TES enters the IH data into the SAP IH module and uses the database to produce the employee notifications. TES is currently in good standing and has continued its relationship with the client.

TES provided an IH Technician to perform annual air monitoring at the Deerpark refinery site during a transition period for the site's IHs. The IH data is entered into the SAP IH module and then exported from the database to produce the employee notifications.

TES maintained a full time IH technician at the St. Bernard Parish refinery site to perform routine, as needed, and shutdown IH monitoring. TES enters the IH data into the SAP IH module and uses the database to produce the employee notifications. TES is currently in good standing and has continued its relationship with the client.

TES maintains a full time IH Technician at the Convent refinery site to perform routine as needed, and shutdown IH monitoring. The employee participates in the weekly and monthly meetings providing status reports as needed. TES enters the IH data into the SAP IH module and uses the database to produce the employee notifications. TES is currently in good standing and has continued its relationship with the client.

TES provided an IH Technician, equipment and analytical services to a large national paper production organization, who perform annual air sampling at the site under the direction of the site's CSP. The data was managed via a master spreadsheet. Employee notifications were developed by TES and presented to the client for approval and distribution. A final report was developed to detail the scope of the sampling, project background information, sampling methodology, sampling equipment, sampling results, discussion of the results, and recommendations. A power point presentation summarizing the project was also developed and provided to the client. TES also completed a large-scale lead sampling project, which lasted 3 months. The project consisted of paint-chip sampling of areas requiring future hot work. Hundreds of samples were collected, labeled, organized, and catalogued for potential litigation purposes. TES is currently in good standing and has continued its relationship with the client.

A TES CIH worked with the site's CSP to develop a baseline IH sampling plan for this new facility. TES's IH Technicians performed the sampling. The results were input into a master spreadsheet and employee notifications were developed by TES and presented to the client for approval and distribution. A final report was developed to detail the scope of the sampling, project background information, sampling methodology, sampling equipment, sampling results, discussion of the results, and recommendations. A power point presentation summarizing the project was also developed and provided to the client. TES is currently in good standing and has continued its relationship with the client.

TES used the risk assessment to develop an IH sampling plan. The plan included enough data per SEG per analyte to perform statistical analysis. The sampling and data management was completed by a TES IH Technician. Employee notifications were developed by TES and presented to the client for approval and distribution. A final report was developed to detail the scope of the sampling, project background information, sampling methodology, sampling equipment, sampling results, discussion of the results,

and recommendations. A power point presentation summarizing the project was also developed and provided to the client.

TES provided the personnel, equipment and analytical services to perform annual air sampling at the site under the direction of the TES CIH. The data was managed via a master spreadsheet. The sampling was completed by a TES IH Technician and employee notifications were developed by TES and presented to the client for approval and distribution. A final report was developed to detail the scope of the sampling, project background information, sampling methodology, sampling equipment, sampling results, discussion of the results, and recommendations. A power point presentation summarizing the project was also developed and provided to the client. TES is currently in good standing and has continued its relationship with the client.

ATTACHMENT H:

**AGENCIES AND CONTACT INFORMATION FOR WHICH PREVIOUS ENVIRONMENTAL SERVICES WERE
CONDUCTED**

Agencies for which Previous ENV and IH Services were Conducted

1. Jefferson Parish School Board

Contact: Mr. Steve Faust (504) 349-8595

2. LSUHSC Foundation

Contact: Mr. Chad Leingang (504) 568-5721

3. Stennis Space Center, Mississippi

Contact: Mr. Michael Atkinson (228) 688-1526

4. Delgado University, New Orleans

Contact: Mr. Curtis Kennedy (504) 671-5600 or Mr. Ricky Heyd (504) 671-6624

5. Army Corp of Engineers

Contact: Mr. Chris Stipe (504) 394-5714

6. Federal Reserve Bank of New Orleans

Contact: Mr. Neil Gonzalez (504) 444-3927

7. Metropolitan Human Health Services

Contact: Ms. Paulanner Mack (504) 620-2693

8. Federal Aviation Administration

Contact: Ms. Maria "Lupe" Valadez (281) 230-6377

9. United States Air Force

Contact: Major Jen Cook (504) 433-8029

10. Lockheed Martin Michoud Assembly Facility, New Orleans

Contact: Mr. Jeffery Ginn (985) 290-3164

ATTACHMENT I:
RESUMES & CERTIFICATIONS



CHRIS T. ROBERTSON, MSPH, CIH, CSP
President and CEO
Technical Environmental Services, Inc.

SUMMARY:

Accomplished certified occupational safety and health professional with over 15 years experience in environmental, health and safety management and consulting positions of increasing scope and responsibility. Experience supported by a Bachelor of Science Degree in Biology, and a Master of Science Degree in Industrial Hygiene.

ADVANCED EDUCATION:

<u>Date</u>	<u>University</u>	<u>Degree Received</u>
8/00 - 12/02	Tulane University New Orleans, LA	Masters of Science in Public Health for Industrial Hygiene
8/95 - 5/00	Our Lady of Holy Cross College New Orleans, LA	Bachelors of Science in Biology

PROFESSIONAL HISTORY:

Technical Environmental Services, Inc., Marrero, Louisiana,
President and CEO (May 2016 - Present)

As the President and CEO, I am responsible to:

- Provide technical support to my team members and participate in industrial hygiene, safety, environmental, and risk control activities;
- Provide as the principle instructor training the following training courses to employees and clients: LDEQ accredited asbestos project designer courses, LDEQ accredited asbestos inspector courses, LDEQ accredited asbestos contractor supervisor courses, LDEQ accredited asbestos worker courses, EPA accredited renovation, repair and painting lead courses, among other various training events;
- Perform business development activities, and oversee with my team's assistance TES's accounts payables, accounts receivables, payroll, human resources, including but not limited to, hiring and disciplining, and annual benefit responsibilities.

Technical Environmental Services, Inc., Marrero, Louisiana,
Senior Vice President of Operations (May 2013 - Present)

As the Senior Vice President of Operations, I am responsible to:

- Continue with all duties associated with the Director of EH&S Services position;
- Work with our professionals to ensure further development of their technical and management skills;
- Monitor and assist as needed with the monthly and yearly financial statements and reports; and,
- Work with the TES division managers to set targets and goals in an effort to continue company growth.

Technical Environmental Services, Inc., Marrero, Louisiana,
Director of EH&S Services (July 2009 – May 2013)

As the Director of EH&S services, I am responsible for managing EH&S projects, along with performing EH&S services within those projects. In addition, I am responsible to secure additional work within all disciplines of TES's comprehensive EH&S services. Further descriptions of duties are as follows:

- Conduct and supervise industrial hygiene & safety surveys, perform chemical, physical and biological monitoring for well over one hundred clients. Perform on and off-site EH&S training for clientele. Develop & administer EH&S programs for large and small facilities throughout the United States;
- Mentor and train new EH&S professionals entering our company;
- Perform and supervise detailed Indoor Air Quality (IAQ) evaluations which includes recommended remediation plan development for suspect "sick buildings" and LEED IAQ sampling (EQ Credit 3.2);
- Perform and supervise comprehensive health risk assessments, detailing the similar exposure groups and analytes with specific risk rankings. Develop industrial hygiene sampling strategies using the health risk assessment and statistical modeling;
- Develop expert reports and provide depositions as an expert in safety and health matters for a variety of litigious issues; and,
- Develop company specific EH&S programs from scratch which compile and make user friendly several different regulations from several different agency, such as but not limited to, the DEQ, USCG, OSHA.

DuPont, Richmond, VA (December 2007 - July 2009)
Manager of Safety, Health, Environmental and Security

As the Safety, Health, Environmental, and Security Manager, I was responsible for:

- Supervising twenty to twenty-five personnel who administrated a comprehensive environmental, safety, PSM, fire protection, industrial hygiene, and security programs for 2,500 employees and 500 contractors over three corporate divisions and two unions;
 - Leading a platform site safety cultural improvement process over seventeen different sites located throughout the US;
 - Redesigning the site injury illness process and training 2,500 site employees;
 - Leveraging and training all DuPont North America sites on the new injury illness process;
 - Providing and supervising safety and health training to new employees and annual training to current employees as required;
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- Leading and providing direction for annual and/or monthly Responsible Care Management Certification, Performance Track, Chemical Facility Anti-Terrorism, Water permits and workers' compensation programs; and,
- Providing direction and support to redesign the site lockout/tagout program using Kaizen methodology.

DuPont, LaPlace, LA (April 2005 - December 2007)
Safety and Occupational Health Leader

As the Safety and Occupational Health Leader at this facility, I was responsible for:

- Supervising one EH&S professional and two administrative professionals;
- Developing, updating and implementing written safety and occupational health programs for the site;
- Coordinating the development and dissemination of employee safety and health performance metrics and communications;
- Overseeing the biological monitoring, surface extractive wipe, noise monitoring and air monitoring programs;
- Introducing the site leadership team to OSHA's VPP program and convenience the leadership team to pursue the program. Working with a team of employees to begin the process of initial certification, and meeting with OSHA to review the site's H&S programs;
- Providing safety and health training to new employees and annual training to employee as required; and,
- Redesigning and overseeing the behavioral based auditing process.

Georgia Pacific, Zachary, LA (December 2002 - April 2005)
Safety Supervisor

As the Safety Supervisor, I was responsible for the following:

- The development, implementation and evaluation of all facets of the Industrial Hygiene program to comply with the OSHA VPP program, including noise, heat, non-ionizing radiation, air-borne chemical hazards and ventilation;
- Revising and maintaining training programs such as new employee safety orientation and contractor safety orientation;
- Coordinating facility emergency response efforts, such as fire, hazmat, rescue and medical;
- Research, trial and implementation of the newest available personal protective equipment to reduce employee hazard exposure;
- Performing facility wide annual and baseline audiograms and fit testing;
- Developing a working relationship with production and maintenance unions to resolve employee safety concerns; and,
- Organize, implement, participate and supervise the annual "Safety Fair" – month long safety training campaign.

MAJOR ACCOMPLISHMENTS:

- Implement comprehensive qualitative risk assessments for two major petro-chemical facilities. Develop the site's three-year industrial hygiene monitoring plan using the risk assessment. After three years of IH
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- monitoring, perform statistical analysis on the data available to develop sampling frequencies and recommendations based on statistical confidence levels and geometric standard deviations.
- Redeveloped a “Forward Energy” process aimed at predicting potential site injuries via lagging and leading indicators. This program was leverage to 17 DuPont sites across the nation;
 - Provided leadership and guidance for a successful OSHA VPP STAR program application process at the DuPont LaPlace location;
 - Design and lead a platform wide culture improvement process including 17 different sites locate throughout the US;
 - Redesigned Richmond DuPont site injury illness process and leveraged redesign to all DuPont sites;
 - Redesigned, implemented, and participated in an annual month-long training event deemed “Safety Fair” at Georgia Pacific Zachary location;
 - Co-Instructor the “Ethics course for Industrial Hygienist” at the 2011 Louisiana Governor’s Safety and Health Conference;
 - Co-Instructed an “OSHA Recordkeeping” course for Lorman Education Services; and,
 - Became the first EPA accredited Lead Safe RRP accredited trainer in the state of Louisiana in 2010.

CERTIFICATIONS AND TRAINING:

- Selected as an AIHA Distinguished Lecturer - 2023
 - Initial LDEQ Accredited Asbestos Management Planner, TES, 2018
 - Resource Conservation and Recovery Act (RCRA) working knowledge training, 2017
 - LDEQ accredited asbestos instructor, LDEQ, 2017
 - Initial LDEQ Accredited Asbestos Inspector, LSU, 2012
 - Initial LDEQ Accredited Asbestos Project Designer, LSU, 2012
 - Initial LDEQ Accredited Lead Project Supervisor, Rodgers & Associates, 2012
 - Initiation U.S DOL MSHA Certified Miner, Van Horn Safety Training, 2011
 - Initial Accredited EPA Lead Safe RRP Training Provider, EPA, 2010
 - Board Certified Safety Professional (CSP # 21038), BCSP, 2009
 - Lead Supervisor (Cert # Pb10S00302), Louisiana DEQ, 2009
 - Radiation Safety Officer, Humboldt Scientific, INC., 2008
 - Chemical-terrorism Vulnerability Information (CVI), U.S Department of Homeland Security, 2008
 - Certified Industrial Hygienist (CIH # 9304 CP), ABIH, 2007
 - Six Sigma Green Belt Training, DuPont Performance Elastomers, 2005
 - 2nd Party (Corporate) Auditor Training, DuPont, 2005
 - DuPont Safety Resource Auditor (safety culture assessor), DuPont, 2005
 - Naturally Occurring Radioactive Material, 2004
 - Council for Accreditation in Occupational Hearing (CAOHC), 2003
 - 8-hour Hazardous Waste Management and Emergency Response, MMG, 2002
 - Indoor Air Quality Problems in Hot Humid Climates, AIHA, 2002
 - Overview of Mold Issues, 2002
 - Department of Transportation and Development Training, Environmental Compliance, 2002
 - Bioremediation, 2002
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- 40-hour Hazardous Waste Management and Emergency Response, Materials Management Group, 2001
- Radiation Safety, Niton Corporation, 2001

PROFESSIONAL SOCIETIES:

Current Affiliations:

- American Industrial Hygiene Association, National
 - American Industrial Hygiene Association, Deep South Sector,
 - Treasurer-2012
 - President Elect-2013
 - President – 2014
 - Past President - 2015
 - American Society of Engineers, National
 - Greater Baton Rouge Chapter of ASSE
 - New Orleans Chapter of ASSE
 - Delta Safety Council
 - Indoor Air Quality Association, Inc.
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Cullen C. Whittaker, PE, CIH, CSP, COHC
Senior Environmental, Health, and Safety Engineer

SUMMARY OF SKILLS

- Professional Engineer, Certified Industrial Hygienist, Certified Safety Professional, Certified Occupational Hearing Conservationist, and Radiation Safety Officer with over a decade of health and safety experience
- Highly experienced in the industrial hygiene, safety, and environmental fields in refineries, petrochemical plants, paper mills, and government agencies, focusing on reducing hazards in the workplace and surrounding community
- Skilled in using industrial hygiene and environmental equipment, including sampling pumps, passive monitors, noise dosimeters and sound level meters, photoionization detectors (PID), and mold samplers
- Proficient user of MS Office Suite, industry-leading data-entry systems (e.g., SAP, Essential Suites, Cority), and statistical analysis software (e.g., IHDataAnalysis and the AIHA IHStat Tool)
- Routinely analyze historical data using statistical analysis to determine areas that may require further monitoring or implementation of control measures to reduce exposure
- Strongly effective in providing written and oral communication of results to the client, management, and the workforce with risk assessments, sample plans, final reports, and employee notifications relating to regulatory and voluntary compliance standards

WORK EXPERIENCE

Technical Environmental Services, Inc. (TES)

Senior EH&S Engineer, Marrero/Gonzales, LA

September 2012-October 2018 and October 2019-Present

- Manage EHS projects, including writing proposals, implementing projects, and writing final reports
- Conduct site-wide risk assessments and develop sampling plans for clients
- Conduct industrial hygiene monitoring, both personal and area, for various industrial hazards, including asbestos, lead, volatile organic compounds, specialty chemicals, dusts, metals, mold, and noise
- Assist client Industrial Hygiene/Safety Departments complete annual sample plans and turnaround monitoring
- Conduct ventilation system audits for ventilation systems
- Convert historical monitoring data from hard copy to a digital database
- Perform statistical analysis on historical data to determine the level of risk associated with various jobs or tasks, including the use of Bayesian Data Analysis and traditional IHStats Tool
- Compile data from monitoring events and prepare reports and employee notifications for clients
- Review and analyze test results with plant health and safety officers
- Conduct field surveys for noise, illumination, ventilation, etc.
- Provide training to new hires, clients, and coworkers on EHS related topics

Georgia-Pacific (GP)

Industrial Hygiene Specialist, Port Hudson, LA

October 2018-October 2019

- Managed site industrial hygiene program, including personal gas monitor system
- Conducted site-wide risk assessments and develop sampling plans for facility
- Performed industrial hygiene monitoring, both personal and area, for various industrial hazards, including chlorine dioxide, ammonia, turpentine, methane, dusts, metals, mold, and noise
- Compiled data from monitoring events and prepared reports and employee notifications for participants
- Reviewed and analyzed test results with facility leadership
- Calibrated and maintained sampling equipment
- Developed confined space ventilation plans using Microsoft Visio
- Conducted ventilation system audits for local exhaust ventilation systems, and general dilution ventilation systems
- Responded to emergency and upset conditions to reduce personal exposures
- Served as Radiation Safety Officer and managed all nuclear gages onsite

- Performed and analyzed audiogram tests and respirator fit tests for employees
- Participated in safety walks and field audits to reduce unsafe conditions at the facility

Asbestos Consulting Services, Inc. (ACSI) Environmental Consultants

Industrial Hygiene Technician, Baton Rouge, LA

June-August 2012

- Conducted industrial hygiene monitoring, both personal and area, for various industrial hazards
- Calibrated and maintained sampling equipment on a daily basis

Environmental Measurements Corporation (EMC)

Industrial Hygiene Technician, Baton Rouge, LA

April 2011-May 2012

- Conducted industrial hygiene monitoring, both personal and area, for various industrial hazards
- Calibrated and maintained sampling equipment on a daily basis

Pennington Biomedical Research Center (PBRC)

Research Associate/Lab Manager, Baton Rouge, LA

May 2008-February 2011

- Managed metabolic core lab staff and student workers
- Conducted equipment quality control testing to insure validity of test results
- Monitored utilization of laboratory supplies; ordered and maintained inventory of calibration gases, office supplies and test equipment
- Performed preventative maintenance and repairs on chamber components and cart equipment, which kept operating costs and repair times to a minimum
- Wrote the Standard Operating Procedures and Methods of Procedures used for training and certification of Metabolic Core employees for laboratory facility use

EDUCATION

Louisiana Tech University, Ruston, LA

Bachelor of Science, Biomedical Engineering with a concentration in Pre-Med

September 2003-March 2008

Tulane University, New Orleans, LA

Graduate Certificate in Industrial Hygiene (Distance Learning)

September 2015-August 2016

CERTIFICATIONS & LICENSES

- Licensed as a Professional Engineer in Louisiana (47229), Texas (147127), and Tennessee (127423)
- Certified by the American Board of Industrial Hygiene – Certification Number 11252
- Certified by the Board of Certified Safety Professionals – Certification Number 34596
- Certified by Council for Accreditation in Occupational Hearing Conservation – Certification Number 501561
- Completed 40-hour Radiation Safety Officer training class (RSO Services) in January 2019; satisfies LDEQ requirements for Title 33 Part XV Radiation Protection – Certificate Number JCHNO020120194591
- Holder of TWIC card, Safety Council Basic Orientation Plus card, and Security Passport
- CPR/AED certified by American Heart Association
- Certified by the Louisiana Department of Environmental Quality – Asbestos Project Designer – Certification Number FD176175

PROFESSIONAL AFFILIATIONS

- American Industrial Hygiene Association Deep South Section (DSS) – Local Section President and Secretary. As President, developed an annual plan for meetings, ran the section, and delegated responsibilities to the board members as needed. As Secretary, handled communication duties for the section, met with the other officers to plan events, and scheduled annual and quarterly meetings, lunch-and-learn meetings, social events, and fundraisers.
- American Industrial Hygiene Association (AIHA) – Voting member, sitting on Defining the Science Advisory Group, Noise Committee, and Exposure Assessment Committee
- American Conference of Governmental Industrial Hygienists (ACGIH) – Voting member

- Biomedical Engineer's Society (BMES) – Former student member in Louisiana Tech Chapter



James R. Clarke, MBA
Director of Environmental Services

SUMMARY:

Results-driven Director with over 15 years of experience in leading cross-functional teams, driving organizational growth, and achieving strategic objectives. Proven track record of spearheading initiatives that enhance operational efficiency, improve profitability, and foster innovation. Adept at strategic planning, budget management, and building high-performance teams. Strong communicator and influencer with a passion for driving positive change and delivering exceptional results in dynamic, competitive environments.

EDUCATION:

M.B.A. in Business Administration
Louisiana State University Shreveport
Shreveport, LA
2019

B.S. in Construction Engineering Technology
University of Southern Mississippi
Hattiesburg, MS
2010

A.A.S. in Architectural Engineering Technology
Holmes Community College
Ridgeland, MS
2008

A.A. in General Studies
Holmes Community College
Ridgeland, MS
2014

PROFESSIONAL HISTORY:

Technical Environmental Services, Inc. – Marrero, LA

2017 to Present

Summary:

Significant experience in multiple aspects of engineering, industrial hygiene, and safety. Directs the Environmental Services Division at Technical Environmental Services, Inc. Oversees site assessments, investigations, inspections, and monitoring for hospitals, development companies, governmental agencies, financial institutions, insurance providers, commercial retailers, industrial facilities, learning institutions, and refineries throughout the Gulf South region. Provides consulting services to meet clients' environmental, health, and safety needs.

- Prepares and oversees the preparation of complex proposals and cost estimates.
- Prepares and participates in client and proposal related presentations.
- Directs the short-range business development activities of all department personnel to ensure that adequate fees are available to support the manpower on the payroll.

- Plans for and executes the recruitment, selection, training, mentoring, and development of all employees in the department.
- Prepares the annual business plan for division.
- Oversees and manages the success of the key department metrics of revenue growth, staff chargeability, project billing and collections, and project profitability.
- Develops understanding and be aware of project-related risk. Familiar with what could go wrong on a project and how to protect the Company. Familiar with company risk policies.
- Leads safety efforts for team and ensure team follows safety rules and guidelines. Responsible for creating and modeling a safe work environment; demonstrates safety practices. Promotes pre-task planning for all projects.
- Promotes continuous quality monitoring and improvement on projects. Monitors quality standards and practices.

EarthCon Consultants, Inc. – Madison, MS

2014 to 2016

Summary:

Played a key role in the development and implementation of the organization’s health and safety program. Served as one of five regional health and safety leaders for a national consulting firm. Performed site assessments, investigations, inspections, and monitoring for development companies, governmental agencies, financial institutions, insurance providers, commercial retailers, industrial facilities and learning institutions throughout the southeastern United States, to provide quality services and insure the safety of occupants. Managed and provided consulting services to clients with environmental and industrial hygiene related issues.

Responsibilities:

- | | |
|-------------------------------|--|
| • Financial analysis | • Company vehicle fleet audits |
| • Invoicing management | • Safety audits |
| • Backlog and load leveling | • Incident investigations |
| • Proposal development | • Monitored employee health and safety training/certifications |
| • Project budgeting | • Respirator fit testing (qualitative) |
| • Scheduling and coordination | • New hire safety orientation |
| • Forecasting | • HAZWOPER refresher trainer |
| • Marketing | • Reviewed Health and Safety Plans |
| • Client communication | • Conducted Job Hazard Analyses |
| • Contract negotiating | • Conducted Five (5) Whys surveys |
| • Recruiting | |
| • Conducted interviews | |

Consulting Services:

- | | |
|----------------------------------|----------------------------------|
| • Indoor air quality assessments | • Mold assessments |
| • Industrial hygiene monitoring | • Chemical exposure monitoring |
| • Asbestos inspections | • Emergency response mapping |
| • Asbestos air monitoring | • OSHA noise monitoring |
| • Lead-based paint inspections | • Environmental site assessments |

Terracon Consultants, Inc. – Ridgeland, MS

2010 to 2014

Summary:

Managed environmental and industrial hygiene projects including Phase I Environmental Site Assessments, Phase II Environmental Site Assessments, Preliminary Subsurface Investigations, Additional Subsurface Investigations, Limited Subsurface Investigations, groundwater monitoring at remediation system sites, hazardous materials disposal, asbestos inspections, asbestos air monitoring, PCM air sample analysis, lead-based paint inspections, mold assessments, noise studies, ammonia surveys, and radon studies. Performed construction materials testing associated with commercial and residential construction. Geotechnical project duties consisted of drilling at surface mines, power plants, commercial properties, and residential sites. Active member of Terracon's Incident and Injury Free program for several years.

Responsibilities:

- Project management
- Proposal preparation
- Subcontractor coordination
- Oversaw field activities
- Laboratory data analysis
- Report writing
- Managed project budgets
- Conducted field inspections

Pickering Firm, Inc. – Jackson, MS

2007 to 2008

Summary:

Drafting and design internship quickly transitioned into an environmental technician role. Maintained full-time employment while completing associate degree courses. Performed entry-level duties while working on projects associated with asbestos inspections, asbestos air monitoring, and hazardous materials disposal. Received initial training for NIOSH 582 Equivalency, Asbestos Supervisor/Contractor, and Asbestos Inspector certifications at The Environmental Institute in Atlanta, Georgia. Conducted asbestos inspections and periodic surveillances associated with AHERA management plans for school districts throughout Mississippi. Supervised first large asbestos abatement project at Stennis Space Center in 2007.

Responsibilities:

- AutoCAD drafting
- MicroStation drafting
- ArcGIS plotting
- Hazardous waste inspections
- Subcontractor coordination
- Asbestos periodic surveillances
- Asbestos inspections
- Asbestos air monitoring

CERTIFICATIONS AND TRAINING:

- OSHA 29 CFR 1910.120 Hazardous Waste Operations and Emergency Response – 40 Hour
- OSHA 29 CFR 1926 Construction Safety – 30 Hour
- IICRC – WRT Certification #70017340
- DOT HAZMAT Transportation Certification
- RCRA Hazardous Waste Management Certification
- Energy Innovation and Emerging Technologies Certification – Stanford University
- CHMM/REM Preparation Course – 32 Hours – Texas A&M Engineering Extension
- ASTM TPT on Environmental Site Assessments for Commercial Real Estate
- Troxler Nuclear Gauge Safety Certification
- Niton Radiation Safety Training
- NIOSH 582 Equivalent Certification
- Certified Asbestos Management Planner (LA)
- Certified Asbestos Inspector (LA)
- Certified Asbestos Supervisor/Contractor (LA)
- Certified Lead Inspector (LA)
- Certified Environmental Protection Agency (EPA) Lead RRP
- Previously Certified EPA Lead RRP Instructor
- Certified Asbestos Training Instructor (LA)
- First Aid/CPR/AED Certification
- ISNetWorld Safety Training
- Transportation Worker Identification Credential (TWIC)

PROFESSIONAL SOCIETIES:

- American Industrial Hygiene Association
- U.S. Green Building Council
- Sigma Iota Epsilon
- The Society for Collegiate Leadership & Achievement



Jack E. B. Rader, P.G.
Environmental Compliance Manager

SUMMARY OF SKILLS

- Professional Geologist with over a decade of environmental and geotechnical consulting experience.
- Highly experienced in the environmental consulting field working with oil refineries, pipeline and production facilities, landfills, rubbish sites, industrial facilities, infrastructure development, underground storage tanks, surface mines, commercial and industrial developers.
- Strongly effective in providing written and oral communication of results to the client, management, and the workforce with risk assessments, sample plans, final reports, and employee notifications relating to regulatory and voluntary compliance standards.

AREAS OF EXPERTISE

Technical Environmental Services, Inc. (TES)

Compliance Manager, Marrero, LA **March 2023-Present**

AREAS OF EXPERTISE Project Management • Phase I and II Environmental Site Assessments • Groundwater & Soil Contamination Assessment & Remediation • Geotechnical Investigation Project Management • Landfill Monitoring Network Design • FOIA Record Reviews • Wetland Delineation • GIS • NEPA Documentation & Permitting • Geologic Mapping • Publication Review • Business Development & Strategy • Personnel Management & Mentoring • Process Modeling • Advanced Statistical Analysis • Managerial, Global, and Environmental Economics •

Environmental Management Services, Inc., New Orleans, LA 2020-2023

Senior Project Manager

Directed and lead an array of multi-phase geotechnical and environmental projects as described in position below. Additionally, conducted business development activities and networking to grow the organization's presence in the geotechnical, environmental, and coastal surveying industry in Louisiana.

Neel-Schaffer, Inc., Ridgeland, MS and New Orleans, LA 2010-2020

Project Manager

Directed and lead an array of multi-phase environmental and geotechnical projects including subsurface and surficial contamination assessments and remediation, Phase I and II Environmental Site Assessments, landfill/rubbish site permitting and cell expansions, Illicit discharge detection, asbestos and lead-based paint inspections, surface mine permitting and more. Provide environmental consulting service to companies including oil refineries, pipeline and production facilities, landfills, rubbish sites, commercial and infrastructure development, underground storage tanks, surface mining, commercial and industrial development. Actively market the company's services to potential customers and maintain excellent relationships with existing clients. Manage technicians and provide mentorship to young geologists and engineers.

EDUCATION & CERTIFICATIONS

BS Geology (Exploration), MILLSAPS COLLEGE, JACKSON, MS, June 2009

MBA (Energy Management), TULANE UNIVERSITY, NEW ORLEANS, LA, May 2019

Certified PG (Registered Professional Geologist), States of Louisiana, Texas, Mississippi, Arkansas, and Kentucky

Certified Wetlands Specialist International



Bradley Bigner
Assistant EH&S Services Manager

SUMMARY:

Through my education and experience, I have achieved a diverse background in safety, industrial hygiene, and environmental experience.

EDUCATION:

Mandeville High School
High School Diploma
2007

PROFESSIONAL HISTORY:

Technical Environmental Services – Marrero, LA

June 2018 to Present

Summary:

In my current role, I assist in the management of various projects involving Environmental, Health, and Safety services across the United States. I also perform asbestos inspections and air sampling, lead air sampling, mold air sampling, data entry and assist in the management of hazardous waste. I have experience working in refineries, chemical plants, and universities. I have Supervised several Safety Attendant turnarounds, supervised several storm responses, and served as a safety representative at various locations.

Responsibilities:

- Inspection and sampling services
- Data entry for sampling results
- Safety oversight of various work crews
- Incident Investigations and injury management.
- Providing analytical data
- Problem solving
- Client communication
- Safety Auditing

Consulting Services:

- Indoor air quality assessments
- Asbestos assessments
- Lead-based paint services
- Mold assessments
- Chemical exposure monitoring
- Safety Audits
- Safety Management

Software:

- Microsoft Word
- Microsoft Excel
- Microsoft PowerPoint
- Microsoft Outlook

Ja-Roy Pest Control – Covington, LA

January 2014 to June 2018

Summary:

Pest Control Technician and Manager who specialized in identifying and treating termite infestations in residential and commercial buildings. Responsible for managing crews across different locations. Conducted training of personnel.

Responsibilities:

- Determined extent of damage to property and structures, as well as optimal methods of remediation.
- Identified infestations and isolated sources with physical inspections of premises.
- Mixed chemicals based on property and climate conditions to deliver optimal elimination and prevention efficiency.
- Calculated fumigant and chemical applications requirements based on size of building and exterior footprint.
- Estimated costs, collected payments and issued receipts to keep financial and client account accurate.
- Quickly responded to customer phone calls and emails in an effort to maximize service and improve rates of retention.
- Recognized for consistent quality service and efficiency
- Explained and reviewed service agreements with customers to cultivate understanding and customer satisfaction
- Maintained knowledge and adhered to state rules and regulations

Kitchen Manager Isabella's Pizzeria of Hammond

— Hammond, LA

January 2010 to January 2013

Summary:

Revamped and motivated kitchen staff to be highly efficient and produce consistent quality. Kept facility and equipment in good working condition through regular preventive maintenance and repair schedules. Completed regular line checks to maximize quality assurance. Interviewed, hired, and supervised back of house staff. Kept kitchen clean, neat and sanitized by implementing surface and equipment schedules and standards. Coordinated preparation of customer meals and monitored food handling for safety purposes. Cleaned and inspected food preparation areas for safe and sanitary food-handling practices. Trained employees on correct cooking techniques, safety standards and performance strategies. Worked with vendors to establish strong relationships and maintain proper inventory supplies. Estimated supply requirements based on historical needs and projected business levels by accounting for special local events or sports games. Identified, investigated and corrected operational issues such as inventory waste

or theft to keep business operating at optimal levels. Coached kitchen team members and motivated performance in order to achieve demanding objectives in high-volume kitchen settings.

Skills Used:

- Strong Attention to detail
- Ordering and managing inventory daily
- Creating and adjusting schedules
- Ensuring quality of food
- Training and managing crew members
- Excellent time management and organization skills

Pipeline Locator Southern Pipeline Services – Raceland, LA
January 2012 to January 2013

Summary:

Located pipelines Conveyed instructions to equipment operators for smooth operations. Arranged construction materials according to project needs. Adhered to all reporting standards for safety issues. Maintained team safety with through diligent observation and timely action on concerns. Communicated with other workers by telephone and radio to coordinate pump operations. Operated automated measuring machines to check part specifications. Used diagnostic tools to measure different aspects of each part and removed faulty items.

CERTIFICATIONS AND TRAINING:

- TWIC Card
- OSHA Basic Orientation
- OSHA 30
- LDEQ Certified Asbestos Inspector
- MDEQ Certified Asbestos Inspector
- Alabama Safe State Certified Asbestos Inspector
- NIOSH 582 Equivalency Training
- Lead Inspector Training
- RCRA Hazardous Waste Management
- DOT HAZMAT Training
- Texas Mold Assessment Technician (MAT)



Katelynn Hofmann, GSP
Assistant Environmental Services Manager

SUMMARY:

Accomplished occupational safety and health professional with 2 years of experience in environmental, health and safety consulting positions of increasing scope and responsibility. Experience supported by a Bachelor of Science Degree in Business Management, and continued years of experience in the field.

EDUCATION:

Southeastern Louisiana University, Hammond, LA

Bachelor of Science – Majoring in Safety, Health, and Environmental Occupation

Undergraduate in Math Proficiency

Graduated: May 2020

Obtained a Graduated Safety Practitioner (GSP) certification upon graduation

Coursework: Safety and Health Program Management, Industrial Hygiene Toxicology and Field Methods, Safety and Environmental Laws and Regulations, Fire Protection/Prevention, Measurement of Safety Performance, Accident Investigation and Analysis, Behavioral Aspects of Safety

Special Course Projects: Review and revised the Process Safety Manual (Management of Change section) for large polypropylene production facility, and research papers regarding hazardous chemical safety and in-door air quality testing.

PROFESSIONAL HISTORY:

Technical Environmental Services – Marrero, LA

Assistant Environmental Services Manager

January 2022 - Present

- Project manager on hazardous waste compliance audits throughout multiple healthcare facilities - including recordkeeping, walk throughs, and communicating with clients
- Performing Indoor Air Quality, Mold, and Asbestos assessments and air/bulk sampling in private and professional locations
- Help draft and revise reports for the company's Environmental department

EH&S Associate

August 2020 – December 2022

- Industrial Hygiene Sampling in Refineries, Chemical Plants, and Environment – including job task, excursion, and full shift sampling for chemical and noise level exposures
- Hazardous waste compliance audits throughout multiple healthcare facilities
- Completed data entry and reporting for IH projects
- Managed moisture mapping projects throughout a variety of companies following hurricane damage
- Completed training in: RCRA and DOT Hazardous Waste Management and Awareness, LDEQ Asbestos Inspector, and LDEQ Asbestos Contractor/Supervisor

Zachry Industrial Inc. – Geismar, LA

Safety Intern

January 2020 – April 2020

- Assisted the Safety Team in task such as: job walks, audits, incident reports, and meetings in a chemical plant.
- Completed training in: Scaffold Competent Person Training, Process Safety Competent Training, Incident Investigation Training, OSHA Basic and site-specific training

The Chimes Restaurant and Taproom – Baton Rouge, LA

Trainer, Bartender, and Server

May 2015 – January 2020

- Provide bar/table service and guest satisfaction in high volume and fast-paced restaurant
- Allocate time management efficiently working 25-30 hours while enrolled as a full-time student.
- Demonstrate leadership as a trainer to all new employees.
- Responsible for monitoring cash registers, collecting payments, and balancing receipts

RELATED EXPERIENCE:

Southeastern’s American Society for Safety Professionals – Hammond, LA

Officer Position – President

Fall 2019 - 2020

- Responsible for day-to-day management for the organization and direction of officers regarding their fulfillment of their duties and responsibilities
- Lead speaker and planner for the monthly chapter meetings
- Responsible for recruitment of new members/guest speakers and organizing volunteer opportunities.

Officer Position – Secretary

Fall 2018 – Spring 2019

- Created and published flyers, news articles and an in-depth research paper on improving pedestrian safety on campus for the Outstanding Student Service Award.
- Volunteered for the 2018 Louisiana Governor’s Safety and Health Conference

HONORS, CERTIFICATIONS, AND TRAINING:

Graduate Safety Practitioner

CPR and First Aid Certified

Certification for Hazing Prevention Course

TWIC Card

Fit Tested

LDEQ Certified Asbestos Inspector

LDEQ Certified Asbestos Contractor/Supervisor

OSHA Basic Orientation

RCRA Hazardous Waste Management

DOT 49 CFR 172.704 Hazardous Materials Training

Scaffold Competent Person Training

Process Safety Competent Training

Incident Investigation Training

SLU President's List - multiple semesters



Thomas L. Arnold, Jr.
Environmental, Health, & Safety Associate

SUMMARY:

Through my education and experience, I have achieved thorough knowledge in management & communication skills, relative to environmental/health/safety services, operations analysis, quality control, marketing & hospitality.

EDUCATION:

B.S. in Business Management
University of New Orleans – New Orleans, LA
Graduated in 1991

PROFESSIONAL HISTORY:

Technical Environmental Services – Marrero, LA
November 2015 to Present

Summary:

In my current role, I perform asbestos bulk and air sampling, lead bulk and air sampling, mold air sampling, DustTrak sampling, noise dose sampling, data entry and assist with the management of hazardous waste. I have experience working in Government facilities including Stennis Space Center in Mississippi, along with refineries, chemical plants, and universities. In addition, I perform community monitoring, IAQ assessments and manage safety personnel during plant and refinery turnarounds.

Responsibilities:

- Supervising large crews on emergency response projects
- Inspection and sampling services
- Assist with generating and submitting reports
- Data entry for sampling results
- Providing analytical data
- Problem solving
- Client communication

EH&S Services:

- Indoor air quality assessments
- Asbestos assessments
- Lead-based paint services
- Mold assessments
- Conducts OSHA noise monitoring
- Conducts SWPPP audits
- Chemical exposure monitoring

Software:

- Microsoft Word
- Microsoft Excel
- Microsoft PowerPoint
- Microsoft Outlook
- Google Earth

Cucos Mexican Cafe – Gretna, LA

February 2009 to June 2015

Summary:

As the Chief Operating Officer, I managed the accounts & projects, budgeting & overall daily operations for a regional restaurant chain.

Responsibilities:

- Manage accounts and projects, working within budget and scheduling requirements.
- Monitor compliance with health and fire regulations regarding food preparation and serving, and building maintenance in dining facilities.
- Monitor compliance with health and fire regulations regarding food preparation and serving, and building maintenance in dining facilities.
- Monitor employee and patron activities to ensure liquor regulations are obeyed. Investigate and resolve complaints regarding food quality, service, or accommodations. Monitor budgets and payroll records, and review financial transactions to ensure that expenditures are authorized and budgeted.
- Establish standards for personnel performance and customer service. Schedule staff hours and assign duties.
- Plan menus and food utilization based on anticipated number of guests, nutritional value, palatability, popularity, and costs.
- Schedule use of facilities or catering services for events such as banquets or receptions, and negotiate details of arrangements with clients.
- Keep records required by government agencies regarding sanitation, and food subsidies when appropriate.
- Organize and direct worker training programs, resolve personnel problems, hire new staff, and evaluate employee performance in dining and lodging facilities.
- Test cooked food by tasting and smelling it to ensure palatability and flavor conformity. Review work procedures and operational problems to determine ways to improve service, performance, or safety.
- Arrange for equipment maintenance and repairs, and coordinate a variety of services such as waste removal and pest control.
- Record the number, type, and cost of items sold to determine which items may be unpopular or less profitable.
- Review menus and analyze recipes to determine labor and overhead costs, and assign prices to menu items.

Software:

- Microsoft Word
- Microsoft Excel
- Microsoft PowerPoint
- Microsoft Outlook

Louisiana Mineral and Energy Board

Baton Rouge, LA

1997 to present

Summary:

As Chairman & Board Member, I was responsible for directing, planning & implementing policies, objectives & activities of organizations or business to ensure efficient operations.

Skills Used:

- Maximized returns on investments
- Communications with various levels of management & business personnel
- Utilized management skills for increasing productivity
- Steward of Louisiana's natural resources

Software:

- Microsoft Word
- Microsoft Excel
- Microsoft Outlook

Timberlane Country Club – Gretna, LA

1991 to 2009

Summary:

As General Manager, my responsibilities included directing & coordinating the club's financial & budgeting activities to maximize investments & increase efficiency. I also analyzed operations to evaluate the performance of the company & its employees.

Skills Used:

- Direct, plan & implement policies, objectives & activities for increasing productivity
- Served as liaison between organizations, shareholders and outside organizations
- Directed human resource activities
- Organized promotional campaigns
- Reviewed & analyzed legislation, laws & public policy to recommend changes when necessary
- Negotiated & approved contracts/agreements with vendors & federal/state agencies
- Prepare & present reports based on expenses, budgets, etc.

Software:

- Microsoft Word
- Microsoft Excel
- Microsoft Outlook

CERTIFICATIONS AND TRAINING:

TWIC Card

OSHA Basic Orientation

LDEQ Certified Asbestos Inspector

MDEQ Certified Asbestos Inspector

Alabama Safe State Certified Asbestos Inspector

LDEQ Certified Asbestos Contractor/Supervisor

LDEQ Certified Lead Inspector

LDEQ Certified Risk Assessor

RCRA Hazardous Waste Management

DOT HAZMAT Training

Texas Mold Assessment Technician (MAT)

State of  Louisiana

State Licensing Board for Contractors

This is to Certify that:

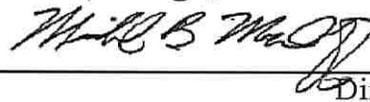
TECHNICAL ENVIRONMENTAL SERVICES, INC.
P. O. Box 1601
Marrero, LA 70073

is duly licensed and entitled to practice the following classifications

BUILDING CONSTRUCTION



Witness our hand and seal of the Board dated,
Baton Rouge, LA 16th day of November 2020


Director


Chairman


Treasurer

Expiration Date: November 15, 2023

License No: 64201

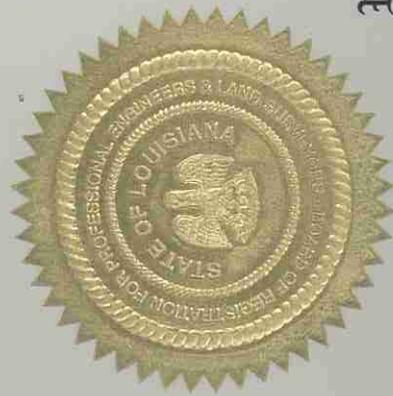
This License Is Not Transferrable

The Louisiana State Board of Registration
for
Professional Engineers and Land Surveyors

Hereby Certifies that

Technical Environmental Services, Inc.

has complied with the regulations of this Board and is authorized to provide or to offer to
provide Engineering services in the State of Louisiana contingent upon payment of the
annual renewal fee.



New Orleans, La. October 5, 1993

Cam Breche

Chairman

Henry S. Paul

Secretary

Registration No. 1836

Louisiana Professional Engineering
and
Land Surveying Board

Hereby Certifies that

Mr. Cullen Whittaker

has satisfied the applicable requirements and is therefore licensed as a
Professional Engineer
and hereby entitled to practice engineering in the State of Louisiana.

Baton Rouge, Louisiana · October 12, 2022



Chris Richard

Chairman

Edgar Bond

Secretary

License Number PE.0047229

The Board for Global EHS Credentialing (BGC)

through sted authority, hereby confirms that

Christopher T. Robertson

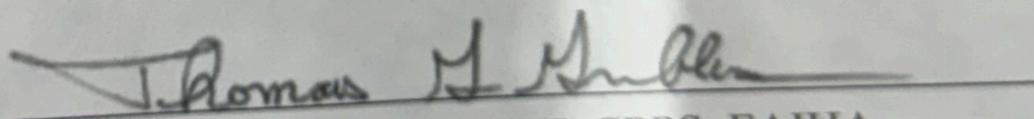
has met all requirements of education, experience, and examination, and on-going maintenance set forth through the BGC's American Board of Industrial Hygiene® (ABIH®) credentialing division for re-certification in the Comprehensive Practice of Industrial Hygiene and is thereby conferred the credential of

Certified Industrial Hygienist® (CIH®)

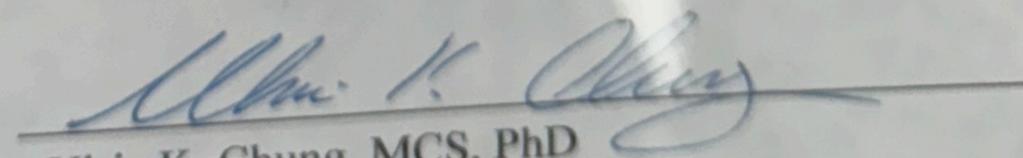
The aforementioned individual is given all rights, privileges, and responsibilities as both a diplomate of the BGC and holder of the CIH credential, provided that the credential is not suspended or revoked, and it is renewed annually. Moreover, the holder must meet all recertification requirements, including the obligation to practice ethically as prescribed by the BGC.



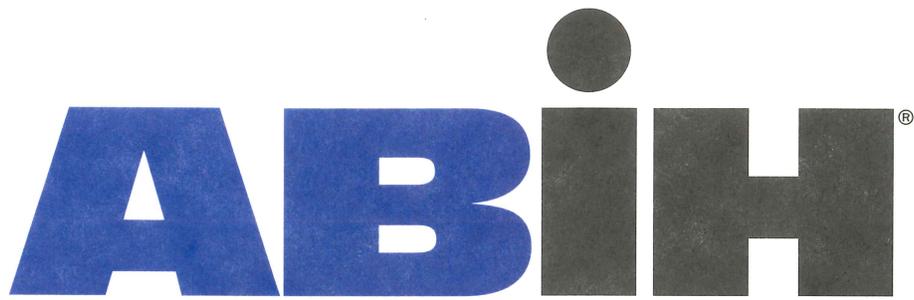
Credential Number: 9304 CP
Award Date: May 22, 2007
Expiration Date: December 1, 2027



Thomas G. Grumbles, CIH, CPPS, FAIHA
Chair of the Board of Directors



Ulric K. Chung, MCS, PhD
Chief Executive Officer and Secretary



american board of industrial hygiene®

organized to improve the practice of industrial hygiene
proclaims that

Christopher T. Robertson

having met all requirements of
education, experience and examination, and
ongoing maintenance,
is hereby certified in the

**COMPREHENSIVE PRACTICE
of
INDUSTRIAL HYGIENE**

and has the right to use the designations

CERTIFIED INDUSTRIAL HYGIENIST

CIH

Certificate Number	9304 CP
Awarded:	May 22, 2007
Expiration Date:	December 1, 2022





Chair, ABIH



Chief Executive Officer, ABIH

The Board for Global EHS Credentialing (BGC)

through its vested authority, hereby confirms that

Cullen Charles Whittaker

has met all requirements of education, experience, and examination, and on-going maintenance set forth through the BGC's American Board of Industrial Hygiene® (ABIH®) credentialing division for re-certification in the Comprehensive Practice of Industrial Hygiene and is thereby conferred the credential of

Certified Industrial Hygienist® (CIH®)

The aforementioned individual is given all rights, privileges, and responsibilities as both a diplomate of the BGC and holder of the CIH credential, provided that the credential is not suspended or revoked, and it is renewed annually. Moreover, the holder must meet all recertification requirements, including the obligation to practice ethically as prescribed by the BGC.

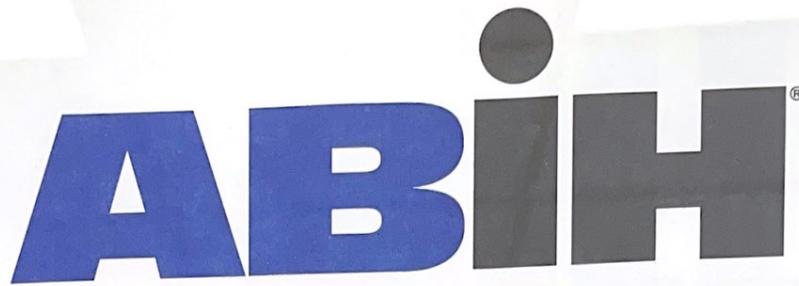


Credential Number: 11252 CP
Award Date: May 15, 2017
Expiration Date: December 1, 2027

Thomas G. Grumbles, CIH, CPPS, FAIHA
Chair of the Board of Directors



Ulric K. Chung, MCS, PhD
Chief Executive Officer and Secretary



american board of industrial hygiene®

organized to improve the practice of industrial hygiene
proclaims that

Cullen Charles Whittaker

having met all requirements of
education, experience and examination,
is hereby certified in the

**COMPREHENSIVE PRACTICE
of
INDUSTRIAL HYGIENE**

and has the right to use the designations

CERTIFIED INDUSTRIAL HYGIENIST

CIH

Certificate Number	11252 CP
Awarded:	May 15, 2017
Expiration Date:	December 30, 2022



Chair, ABIH

Chief Executive Officer, ABIH



BOARD FOR GLOBAL EHS CREDENTIALING

8/25/2022 2:14:05 PM CST

CREDENTIAL VERIFICATION

Certificant					
Name	Cullen Charles Whittaker				
City/State	Baton Rouge, LA				
Verification Date	8/25/2022				
Certification Information					
Specialty	Credential #	Cert Date	Cycle Start Date	Cycle End Date	Status
CIH-CP	11252	05/15/2017	07/01/2022	06/30/2027	Active
Note					

Board of Certified Safety Professionals

Upon the recommendation of the
Board of Certified Safety Professionals,
by virtue of the authority vested in it,
has conferred on

Cullen Whittaker

the credential of

Certified Safety Professional

and has granted the title as evidence of meeting the qualifications and passing
the required examination so long as this credential is not suspended or
revoked and is renewed annually and meets all recertification requirements.



May 29, 2018

DATE ISSUED

CSP-34596

CERTIFICATION NUMBER

Janice F. Martin

BOARD PRESIDENT SIGNATURE

Treasa M. Turnbeough

BOARD SECRETARY SIGNATURE

COUNCIL FOR ACCREDITATION IN OCCUPATIONAL HEARING CONSERVATION

*organized to establish standards to elevate and maintain
the quality of occupational hearing conservation
in industry*

This is to Certify that

Cullen Charles Whittaker, CIH, CSP COHC

*having demonstrated proficiency and special knowledge, and having successfully completed the required
course in occupational hearing conservation following the requirements set forth by
the CAOHC Council; is therefore a*

Certified Occupational Hearing Conservationist

March 29, 2019

Valid Date

March 29, 2024

Expiration Date

501561

Certificate No.

CAOHC ID: 501561


Charles Moritz, MD CPS/A

Charles Moritz, MS INCE Bd Cert

www.RSOSERVICES.com

CERTIFICATE OF COMPLETION

Presented to:

Cullen Whittaker

40 Hour Radiation Safety Officer Training Course

Including

Physics, Mathematics, Operation of Survey equipment, Emergency Procedures,
Rules and Regulations. Safety, Health and Operating Procedures.

CERTIFICATE # JCHNO020120194591

Issued by

RSO SERVICES, INC.

Instructor: _____

Date: 02/19/2019

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

certifies that

Chris Robertson

Has complied with all requirements of the Louisiana Department of Environmental Quality
and is authorized to perform the duties of

Asbestos Project Designer

Accreditation No. FD166452

AI No. 166452

Date of Issuance January 27, 2023

Expiration February 13, 2024

Failure to comply with all applicable provisions of La. R.S. 2025.E. (1)(a) and La. R.S. 2025.F. (2)(a)
may result in civil and/or criminal enforcement actions by the State.

Charles Finley

Permit Support Services Division
Office of Environmental Services

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

certifies that

Cullen Whittaker

**Has complied with all requirements of the Louisiana Department of Environmental Quality
and is authorized to perform the duties of**

Asbestos Project Designer

Accreditation No. FD176175

AI No. 176175

Date of Issuance February 24, 2023

Expiration February 10, 2024

**Failure to comply with all applicable provisions of La. R.S. 2025.E. (1)(a) and La. R.S. 2025.F. (2)(a)
may result in civil and/or criminal enforcement actions by the State.**

Charles Finley
**Permit Support Services Division
Office of Environmental Services**

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

certifies that

Chris Robertson

**Has complied with all requirements of the Louisiana Department of Environmental Quality
and is authorized to perform the duties of**

Asbestos Management Planner

Accreditation No. MP166452

AI No. 166452

Date of Issuance April 4, 2023

Expiration March 30, 2024

**Failure to comply with all applicable provisions of La. R.S. 2025.E. (1)(a) and La. R.S. 2025.F. (2)(a)
may result in civil and/or criminal enforcement actions by the State.**

Charles Finley

**Permit Support Services Division
Office of Environmental Services**

LOUISIANA

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

certifies that

James Ryan Clarke

Has complied with all requirements of the Louisiana Department of Environmental Quality
and is authorized to perform the duties of

Asbestos Management Planner

Accreditation No. FP174009

AI No. 174009

Date of Issuance February 7, 2023

Expiration February 26, 2024

Failure to comply with all applicable provisions of La. R.S. 2025.E. (1)(a) and La. R.S. 2025.F. (2)(a)
may result in civil and/or criminal enforcement actions by the State.

Charles Finley

Permit Support Services Division
Office of Environmental Services

LOUISIANA

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

certifies that

James Ryan Clarke

Has complied with all requirements of the Louisiana Department of Environmental Quality
and is authorized to perform the duties of

Asbestos Inspector

Accreditation No. FI174009

AI No. 174009

Date of Issuance January 10, 2023

Expiration February 1, 2024

Failure to comply with all applicable provisions of La. R.S. 2025.E. (1)(a) and La. R.S. 2025.F. (2)(a)
may result in civil and/or criminal enforcement actions by the State.

Charles Finley

Permit Support Services Division
Office of Environmental Services

LOUISIANA

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

certifies that

Bradley Bigner

**Has complied with all requirements of the Louisiana Department of Environmental Quality
and is authorized to perform the duties of**

Asbestos Inspector

Accreditation No. J1219530

AI No. 219530

Date of Issuance July 19, 2023

Expiration July 30, 2024

**Failure to comply with all applicable provisions of La. R.S. 2025.E. (1)(a) and La. R.S. 2025.F. (2)(a)
may result in civil and/or criminal enforcement actions by the State.**



**Permit Support Services Division
Office of Environmental Services**

LOUISIANA

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

certifies that

Katelynn Hofmann

Has complied with all requirements of the Louisiana Department of Environmental Quality
and is authorized to perform the duties of

Asbestos Inspector

Accreditation No. FI227462

AI No. 227462

Date of Issuance February 24, 2023

Expiration February 13, 2024

Failure to comply with all applicable provisions of La. R.S. 2025.E. (1)(a) and La. R.S. 2025.F. (2)(a)
may result in civil and/or criminal enforcement actions by the State.

Charles Finley

Permit Support Services Division
Office of Environmental Services

LOUISIANA

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

certifies that

Thomas L Arnold Jr.

Has complied with all requirements of the Louisiana Department of Environmental Quality
and is authorized to perform the duties of

Asbestos Inspector

Accreditation No. J1211452

AI No. 211452

Date of Issuance January 10, 2023

Expiration January 12, 2024

Failure to comply with all applicable provisions of La. R.S. 2025.E. (1)(a) and La. R.S. 2025.F. (2)(a)
may result in civil and/or criminal enforcement actions by the State.

Charles Finley

Permit Support Services Division
Office of Environmental Services

LOUISIANA

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

certifies that

Chris Robertson

Has complied with all requirements of the Louisiana Department of Environmental Quality
and is authorized to perform the duties of

Lead Project Supervisor

Accreditation No. OS166452

AI No. 166452

Date of Issuance November 28, 2022

Expiration October 17, 2023

Failure to comply with all applicable provisions of La. R.S. 2025.E. (1)(a) and La. R.S. 2025.F. (2)(a)
may result in civil and/or criminal enforcement actions by the State.

Charles Finley
Public Participation & Permit Support Division
Office of Environmental Services

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

certifies that

James Ryan Clarke

Has complied with all requirements of the Louisiana Department of Environmental Quality
and is authorized to perform the duties of

Lead Inspector

Accreditation No. JI174009

AI No. 174009

Date of Issuance January 23, 2023

Expiration January 10, 2024

Failure to comply with all applicable provisions of La. R.S. 2025.E. (1)(a) and La. R.S. 2025.F. (2)(a)
may result in civil and/or criminal enforcement actions by the State.

Charles Finley
Public Participation & Permit Support Division
Office of Environmental Services

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

certifies that

Jack Rader

Has complied with all requirements of the Louisiana Department of Environmental Quality
and is authorized to perform the duties of

Lead Inspector

Accreditation No. MI213743

AI No. 213743

Date of Issuance June 20, 2023

Expiration May 26, 2024

Failure to comply with all applicable provisions of La. R.S. 2025.E. (1)(a) and La. R.S. 2025.F. (2)(a)
may result in civil and/or criminal enforcement actions by the State.

Charles Finley

Public Participation & Permit Support Division
Office of Environmental Services

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

certifies that

Thomas L Arnold Jr.

Has complied with all requirements of the Louisiana Department of Environmental Quality
and is authorized to perform the duties of

Lead Inspector

Accreditation No. AI211452

AI No. 211452

Date of Issuance April 4, 2023

Expiration April 15, 2024

Failure to comply with all applicable provisions of La. R.S. 2025.E. (1)(a) and La. R.S. 2025.F. (2)(a)
may result in civil and/or criminal enforcement actions by the State.

Charles Finley

Public Participation & Permit Support Division
Office of Environmental Services

DEQ
LOUISIANA

Stephanie Yowell

From: Stephanie Yowell
Sent: Friday, April 14, 2023 1:32 PM
To: 'tarnold@tesconsult.com'
Cc: Charles Finley; Melissa Day; Keri Cason Meyers
Subject: 211452 Thomas Arnold Inspector.pdf
Attachments: 211452 Thomas Arnold Inspector.pdf

See file for Thomas Arnold

Stephanie Yowell

Environmental Scientist III
LA Dept. of Environmental Quality
225 - 219 - 3704
stephanie.yowell@la.gov

STATE OF LOUISIANA
DEPARTMENT OF ENVIRONMENTAL QUALITY

certifies that

Thomas L Arnold Jr.

Has complied with all requirements of the Louisiana Department of Environmental Quality
and is authorized to perform the duties of

Lead Risk Assessor

Accreditation No. OR211452

AI No. 211452

Date of Issuance November 16, 2022

Expiration October 15, 2023

Failure to comply with all applicable provisions of La. R.S. 2025.E. (1)(a) and La. R.S. 2025.F. (2)(a)
may result in civil and/or criminal enforcement actions by the State.

Charles Finley
Public Participation & Permit Support Division
Office of Environmental Services

CERTIFICATE OF TRAINING

This is to certify that

James Clarke

Has completed the requisite classroom training for Resource Conservation and Recovery Act Hazardous Waste Management training in accordance with 40 CFR 262.34 and 40 CFR 265.

RCRA HAZARDOUS WASTE MANAGEMENT

Presented by
Technical Environmental Services, Inc.
5133 Taravella Road
Marrero, Louisiana 70072
Phone: (504) 348-3098

Trainer:


Cullen Whittaker, CIH, CSP, COHC

Course Date: 10/06/2022

Expiration Date: 10/06/2023

2.0 hours of Continuing Education Credits



CERTIFICATE OF TRAINING

This is to certify that

Jack Rader

Has completed the requisite classroom training for Resource Conservation and Recovery Act Hazardous Waste Management training in accordance with 40 CFR 262.34 and 40 CFR 265.

RCRA HAZARDOUS WASTE MANAGEMENT

Presented by
Technical Environmental Services, Inc.
5133 Taravella Road
Marrero, Louisiana 70072
Phone: (504) 348-3098

Trainer:


Cullen Whittaker, CIH, CSP, COHC

Course Date: 4/24/2023

Expiration Date: 4/25/2024

2.0 hours of Continuing Education Credits



CERTIFICATE OF TRAINING

This is to certify that

Katelynn Hofmann

Has completed the requisite classroom training for Resource Conservation and Recovery Act Hazardous Waste Management training in accordance with 40 CFR 262.34 and 40 CFR 265.

RCRA HAZARDOUS WASTE MANAGEMENT

Presented by
Technical Environmental Services, Inc.
5133 Taravella Road
Marrero, Louisiana 70072
Phone: (504) 348-3098

Trainer:


Cullen Whittaker, CIH, CSP, COHC

Course Date: 10/06/2022

Expiration Date: 10/06/2023

2.0 hours of Continuing Education Credits





CERTIFICATE OF TRAINING

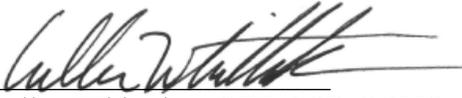
This is to certify that

Bradley Bigner

Has completed the requisite classroom training for Resource Conservation and Recovery Act Hazardous Waste Management training in accordance with 40 CFR 262.34 and 40 CFR 265.

RCRA HAZARDOUS WASTE MANAGEMENT

Presented by
Technical Environmental Services, Inc.
5133 Taravella Road
Marrero, Louisiana 70072
Phone: (504) 348-3098

Trainer: 
Cullen Whittaker, CIH, CSP, COHC

Course Date: 10/06/2022
Expiration Date: 10/06/2023
2.0 hours of Continuing Education Credits



CERTIFICATE OF TRAINING

This is to certify that

Tom Arnold

Has completed the requisite classroom training for Resource Conservation and Recovery Act Hazardous Waste Management training in accordance with 40 CFR 262.34 and 40 CFR 265.

RCRA HAZARDOUS WASTE MANAGEMENT

Presented by
Technical Environmental Services, Inc.
5133 Taravella Road
Marrero, Louisiana 70072
Phone: (504) 348-3098

Trainer:


Cullen Whittaker, CIH, CSP, COHC

Course Date: 10/06/2022

Expiration Date: 10/06/2023

2.0 hours of Continuing Education Credits



Certificate of Completion

This certifies that

James Clarke

*Certifies that the above employee has been trained and tested in compliance with 49 CFR
172.704 General Awareness/Familiarization, Function Specific and Security Awareness*



TRADEBE

Environmental Services, LLC TM

1433 E 83rd Ave Suite 200, Merrillville, IN 46410

A handwritten signature in black ink, appearing to read "Erika E. Reichard".

Erika E. Reichard, Regional Training Manager

January 14, 2022



Certificate of Completion

This certifies that

Katelynn Hofmann

*Certifies that the above employee has been trained and tested in compliance with 49 CFR
172.704 General Awareness/Familiarization, Function Specific and Security Awareness*



TRADEBE

Environmental Services, LLC TM

1433 E 83rd Ave Suite 200, Merrillville, IN 46410

A handwritten signature in black ink, reading "Erika E. Reichard".

Erika E. Reichard, Regional Training Manager

January 4, 2021



Certificate of Completion

This certifies that

Thomas Arnold

*Certifies that the above employee has been trained and tested in compliance with 49 CFR
172.704 General Awareness/Familiarization, Function Specific and Security Awareness*



TRADEBE

Environmental Services, LLC TM

1433 E 83rd Ave Suite 200, Merrillville, IN 46410

A handwritten signature in black ink, appearing to read "Erika E. Reichard", written over a horizontal line.

Erika E. Reichard, Regional Training Manager

March 21, 2023



ATTACHMENT J:

ACKNOWLEDGEMENT OF ADDENDUM LETTERS



October 27, 2023

Doris Abraham
Jefferson Parish Purchasing Department
200 Derbigny Street
General Government Building, Suite 4400
Gretna, LA 70053
Phone: 504.364.2690
DABRAHAM@jeffparish.net

Re: Addendums for RFP: 5000143151 TWO (2) YEAR CONTRACT TO PROVIDE ENVIRONMENTAL TESTING AND CONSULTING IN COORDINATION WITH DEMOLITION PROCEEDINGS FOR THE DEPARTMENT OF CODE COMPLIANCE AND ENFORCEMENT (DANGEROUS BUILDING ABATEMENT)

Ms. Abraham:

Technical Environmental Services, Inc. is unaware of any addendums associated with RFP: 5000143151, as we did not receive any email notifications with addendums, nor were any posted on the Jefferson Parish Purchasing Department's eProcurement site, www.jeffparishbids.net.

Sincerely,
James R. Clarke, MBA

A handwritten signature in black ink that reads "James R. Clarke". The signature is written in a cursive style with a large initial "J" and "C".

Director of Environmental Services
Technical Environmental Services, Inc
5133 Taravella Road
Marrero, LA 70072
Office: (504) 348-3098
Fax: (504) 348-3043
jclarke@tesconsult.com

ATTACHMENT K:

COST PROPOSAL

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00143151

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
1	1.00	HR	<p>Two (2) Year Contract to Provide Environment Testing and Consulting for the Department of Code Compliance and Enforcement, Dangerous Building Abatement</p> <p>0001 LDEQ Certified Contractor/Asbestos Supervisor</p>	\$ 50.00	\$ 50.00
2	1.00	HR	0002 LDEQ Certified Asbestos Insepector	\$ 50.00	\$ 50.00
3	100.00	HR	<p>0003 PLM Analysis Polarized Light Micorscopy (PLM)</p> <p>analysis is done to identify, classify and quantify Asbestos fiber concentration in bulk building materials, domestic & industrial insulations, sprayed & non-sprayed plasters, coatings, ceiling & flooring materials, floor tiles, caulks and adhesives. This is the sample analysis used by the lab when we submit bulk samples of suspect asbestos containing materials.</p>	\$ 6.50	\$ 650.00
4	1.00	HR	<p>0004 PCM Analysis The most common methodology used for asbestos air testing is Phase Contrast Microscopy (PCM). This testing method involves using a PCM microscope to count the fibers present on the cassette filter in order to determine if the total fiber concentration is less than the EPA clearance level of 0.01 febers/cc (febers per cubic centimeter)1 This is the sample analysis used by the lab when we submit daily air samples during the removal of asbestos containing materials under Chapter 51.</p>	\$ 4.99	\$ 4.99
5	1.00	HR	<p>0005 TEM Anaylsis Transmission Electron Microscopy (TEM)</p> <p>is used to identify asbestos fibers in air and bulk samples. The TEM is capable of analyzing samples at high magnification (20,000X and higher) and identifies asbestos fibers by morphology, crystalline structure and elemental analysis. TEM also can positively identify asbestos directly, distinguishing it from other fibers by scanning for its morphology and</p>	\$ 20.00	\$ 20.00

INVITATION TO BID FROM JEFFERSON PARISH - continued

BID NO.: 50-00143151

SEALED BID

ITEM NUMBER	QUANTITY	U/M	DESCRIPTION OF ARTICLES	UNIT PRICE QUOTED	TOTALS
6	20.00	HR	elemental composition. 0006 Emergency Asbestos Testing for Inspector	\$ 65. ⁰⁰	\$ 1,300. ⁰⁰
7	8.00	HR	0007 Emergency Asbestor Testing for Supervisor	\$ 65. ⁰⁰	\$ 520. ⁰⁰
8	4.00	HR	0008 For 3 Hour PLM Testing for Emergency Asbestos Testing	\$ 17. ⁵⁰	\$ 70. ⁰⁰
9	2.00	HR	0009 For 3 Hour PCM Testing for Emergency Asbestos Testing	\$ 4. ⁹⁹	\$ 9. ⁹⁸
10	15.00	HR	0010 For 3 Hour TEM Testing for Emergency Asbestos Testing	\$ 20. ⁰⁰	\$ 300. ⁰⁰
Total:					\$2,974. ⁹⁷