Statement of Qualifications

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SESCO GROUP
Environmental Investigation & Remediation

A NOTE FROM THE PRESIDENT, Mr. David Valinetz

In these difficult economic times, it is comforting to know that SESCO has built an organization that can weather the storm. With the talent, expertise and creativity that SESCO has amassed, it has been fairly easy for SESCO's vision to be realized; one that has promoted the use of innovative technology, quicker clean-ups, lower costs and creative funding to pay for such endeavors. SESCO utilizes solutions for handling environmental liability, indemnification, responsibility and costs associated with the difficulties that can occur during real estate transactions. Cities and towns, gas station operators, dry cleaners and small businesses benefit from our turn-key services. SESCO has been out on the leading edge of Brownfields development or "land recycling" services, the use of a Membrane Interface Probe (MIP) for quick characterization, state-of-the-art remedial engineering design and models for the creation of guaranteed fixed price cleanup estimates that we stand by.

The future has many challenges ahead. I see the need to be a voice in the "Green" movement that is grabbing attention worldwide. We look to be an active part of LEED to promote Green buildings on Brownfields sites. We look to work with vendors, clients, developers and cities to promote "Green on Brown activities" to make a difference in preserving our dearest resources, land and water. SESCO also looks to work with local, city, and state environmental organizations to help streamline the review process, so that sites can be put back to use quicker and more efficiently. SESCO will continue to explore new technologies and new cleanup strategies to assist in its efforts to expedite closure. And finally, SESCO will continue to do what it can to preserve human health and the environment and in those efforts leave no stone unturned.

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1.0 Company profile

SESCO Group (SESCO) was founded in 1996 and is an Environmental Investigation and Remediation company that has established a reputation for excellence in providing environmental consulting services. SESCO's approach allows businesses to focus on their core operations while evaluating their environmental situation, responding to immediate environmental needs, and developing plans to mitigate liabilities down the road.

Mission
The mission of SESCO Group (SESCO) is to provide support and environmental services that are high-quality, cost-effective and scientifically sound for our clients. Our philosophy enables our clients to achieve their environmental compliance and restoration goals, while protecting the environment and reducing their long-term liability. The core of SESCO's accomplishments is the lasting and valuable partnerships we build with our clients.

Vision

- Be a leader in the environmental industry through our use of knowledge and innovation and by passing the benefits of acquired experience to our clients
- Provide a supportive, team-oriented work environment for our employees that fosters innovation, growth, and is both personally and professionally rewarding
- Provide services that result in a social benefit and improve the environmental quality and integrity of our communities

Focus
SESCO specializes in the characterization and remediation of environmentally impacted properties and employs an exceptional technical staff including:

- Licensed Professional Geologists
- Certified Hazardous Materials Managers
- Licensed Professional Engineers
- Hydrogeochemists
- Environmental Scientists
- Health and Safety Officer
- Toxicologist

SESCO's depth of experience and proven performance ensures that we will be able to meet your environmental consulting needs within a reasonable time and budget.

2.0 Services

SESCO is pleased to offer turn-key solutions for its clients. Our devotion to providing innovative solutions and our network of professional relationships allows us to help our clients *Keep the Deal on Track*[SM]. We take care of the details while you take care of business as usual. Following is a comprehensive list of SESCO's services:

Real Estate Due Diligence

- Phase I Environmental Site Assessments (ESAs)
- Environmental Transaction Screens
- Unified Assessments®
- Phase II Soil and Groundwater Investigations
- Regulatory File Examination
- Environmental Finance Auditing
- Environmental Lien Search
- Vapor Intrusion Tier I Assessment

Site Investigation

- Site Characterization (Nature and Extent Delineation)
- Phase II Soil and Groundwater Investigations
- Investigation, Planning, & Reporting
- Monitoring Well Installation, Sampling & Decontamination
- Data Evaluation & Statistical Analysis
- Vapor Intrusion Evaluation & Mitigation
- Site-Specific Risk Assessments
- Membrane Interface Probe

Remediation

- Remediation System Design
  - Soil Vapor Extraction
  - Bioventing
  - Air Sparging
  - Dual Phase Extraction
  - Internal Combustion Engine Technology
- Non-Default Risk Integrated System of Closure Program
- Remedial & Reserve Estimating
- Remedial System Installation, Operation & Maintenance
- Remediation Oversight
- Brownfields Redevelopment
- Soil Excavation & Disposal
- In-Situ Chemical Oxidation
- Enhanced Bioremediation
- Corrective Action Planning, Reporting, and Implementation
- Exposure Assessments
- Groundwater Modeling
- Litigation Support
- Pilot Testing
- RCRA Corrective Measures Studies
- Underground/Aboveground Storage Tank Removals
- Waste Removal, Characterization, & Disposal
- Voluntary Remediation Program Projects
- Leaking Underground Storage Tank Program
- Underground Storage Tank Program
- State Cleanup Program Projects
- Resource Conservation and Recovery Act (RCRA)
- Indiana Brownfields Program

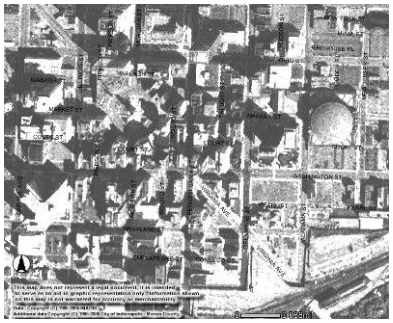
Funding Solutions – Cost Recovery

- Insurance/Historical Insurance Cost Recovery
- Excess Liability Trust Fund (ELTF) Reimbursement
- Grants and Low Interest Loan Assistance
- Site Assessment Grants and Petroleum Remediation Grant Incentives (brownfields)

2.1 Real Estate Due Diligence

SESCO understands that many environmental issues are discovered during the environmental assessment phase of a pending financial transaction, whether it be to refinance a property or to purchase new real property. We cater each work scope to the level of due diligence necessary to fit the type of property being assessed and to fit our clients' needs.

2.1.1 Phase I ESAs and Transaction Screens



SESCO performs Phase I ESAs to the most current standards utilizing the American Society for Testing and Materials (ASTM) E 1527-05, the industry standard for interpreting and applying the EPA "All Appropriate Inquiry" (AAI). Within our scope of services for Phase I ESAs, SESCO includes a site inspection, historical records reviews, regulatory records reviews, interviews with owners and occupants, user questionnaires, environmental lien searches, and where appropriate, chain of ownership searches and vapor intrusion assessments. Our qualified staff has a combined experience performing thousands of ESAs for properties, including apartment complexes, manufacturing facilities, strip malls, gas stations, undeveloped land, and brownfields sites. Only qualified "Environmental Professionals" as defined by 40 CFR 312 10(b) perform our ESAs. Many Phase I ESAs are combined with other assessments outside the scope of a Phase I, but that are still considered an environmental concern to a prospective buyer or lender. Such assessments include:

- Lead Based Paint Surveys
- Mold Surveys
- Asbestos Surveys
- Geophysical Surveys

Transaction Screens are performed to ASTM E 1528 and can provide a general assessment of a property to determine if a full Phase I ESA should be performed or when a lower level of due diligence is necessary.

Phase I Environmental Site Assessment
Indianapolis, Indiana – April-May 2008

SESCO performed an ESA at Controlled Temperature Transit, a trucking company, warehouse and maintenance facility. The ESA noted a 275,000 gallon above-ground storage tank (AST) that was used to store diesel fuel in the 1960s and 1970s and an associated dispenser pump. A 1986 UST notification form indicated that the property had four (4) USTs on the property. All of the USTs were reportedly empty and temporarily out of service. It was reported that the tanks had not been used since 1980. A former consultant conducted subsurface investigations, which identified petroleum hydrocarbon contamination in the subsurface. The consultant conducted

soil removal activities in response to the contamination and developed a corrective action plan and the CAP was not implemented.

During the property inspection, the former diesel and gasoline UST cavities were observed in the northwest corner of the property. Two above grade monitoring wells were located in the diesel UST cavity. One additional above grade monitoring well was observed on the west adjacent property west of the diesel UST cavity. In addition, a previously unknown UST was identified during the site reconnaissance.

SESCO recommended a subsurface investigation at the site regarding the AST, the former USTs and the existing UST. SESCO recommended that a CAP approval be sought and remediation of groundwater be implemented.

2.1.2 Phase II Subsurface Investigations

SESCO can perform a subsurface investigation to determine if current or previous onsite or offsite operations, storage, disposal, or handling of hazardous materials or petroleum products have adversely impacted soil or groundwater.

Prior to field activities, a site-specific safety and health plan will be completed as will an underground utility locate. Soil boring locations and quantity will be determined by the type and number of recognized environmental conditions and areas of concern found during the Phase I ESA. Soil borings are typically completed using Geoprobe® push probe technology. A scientist or geologist will be onsite to determine soil classifications and to field screen soils for total photoionizable vapors, which aids in determining which sample interval should be containerized and submitted for laboratory analysis. SESCO utilizes licensed environmental contractors and Federal and State accredited laboratories for all work activities. Upon completion of the field activities and laboratory analysis of soil and/or groundwater samples, SESCO will provide a written report detailing the findings of the investigation and provide recommendations based on the analysis.

SESCO's staff understands that the costs associated with a pending financial transaction can make or break a deal. Our environmental scientists and geologists design each investigation to address the potential of chemicals of concern identified during the site evaluation and historical reviews. The investigations are prepared with cost savings and liability elimination in mind.

Phase II ESA
Indianapolis, Indiana – May 2007

SESCO performed a Phase I of an agricultural field situated in a mixed commercial and residential area on the southeast side of Indianapolis, Indiana. The site assessment revealed that the property contains a portion of a septic system that originates from the adjacent Speedway gas station. SESCO recommended a subsurface investigation (Phase II) in the area of the Speedway gas station septic field.

Six (6) soil borings were placed at the property during this investigation. The laboratory analyses of soil and groundwater samples from the site indicated levels of volatile and semi-volatile organic compounds in groundwater being above laboratory detection limits, but below Indiana Department of Environmental Management (IDEM) Residential Default Closure Limits (RDCL). However, concentrations of TPH-ERO in groundwater are above the regulatory limits promulgated by the IDEM Risk Integrated System of Closure (RISC) program. SESCO recommended further investigation to determine the nature and extent of the contamination. SESCO also recommended that the Speedway gas station located adjacent to the site be made aware that they might be responsible for the contamination.

P&J Foodmart Phase I/Phase II Environmental Site Assessment (ESA
Anderson Indiana – November 2006

SESCO performed a Phase I of a convenience store/gasoline station site. SESCO recommended a Phase II subsurface investigation. Impacts from petroleum hydrocarbons were noted in the subsurface during the Phase II. The release was reported to the IDEM. The facility went through evaluation and delineation as part of the Leaking Underground Storage Tank (LUST) program. IDEM requested a CAP for this site. However, SESCO ascertained it was prudent to conduct quarterly groundwater sampling and analysis before proceeding with the preparation of a CAP.

2.1.3 Unified Assessments

SESCO's Unified Assessment combines a Phase I ESA with a subsurface investigation using a Membrane Interface Probe (MIP) to determine if a site has been contaminated with petroleum hydrocarbons or solvent products. This technique allows SESCO to reduce the time of determineing the existance and level of contamination of a property from nearly two months to two weeks.

Unified Assessment
Indianapolis, Indiana – September 2008

The Former Horton Fan property has been an industrial property since the early 1950s. Previous occupants of the site include a sausage factory and wire fabrication companies. Standard Oil Company was located south of the property and railway and contained several large bulk petroleum tanks in the 1914 Sanborn Fire Insurance map. The former Standard Oil property is currently the storage yard for Lafayette Steel. In the 1898 map, the south

adjacent property across the railway contained a large oil refining and bulk storage plant including large benzene tanks and a gasoline tank. No environmental concerns were noted regarding the subject property. However, SESCO recommended that a subsurface investigation be performed along the property boundaries to determine if offsite regulated facilities, railroad tracks, or the bulk petroleum facility have adversely impacted the property. The MIP, field observations and lab data was used to determine that the site was not contaminated.

Unified Assessment
Lafayette, Indiana – August 2008

The South Street Laundry was previously part of the parcel containing the adjacent gas station to the east. Former USTs and a pump island associated with the adjacent gas station were located on the property on the south side of the laundromat building. At the time of the assessment, the property was a vacant laundromat and drycleaners. The property has been a laundromat facility since the late 1950s. Prior to 1956, the parcel was residential. In the late 1990s, the property was listed specifically as a dry cleaning facility in the Lafayette city directories.

SESCO recommended a subsurface investigation of the property utilizing the MIP unit based on the history of the facility and adjacent facility.

Field observations made during the advancement of the MIP borings and the evaluation of the data from the boring locations indicated positive MIP responses for possible hydrocarbons. To verify the presence of contamination within the subsurface, SESCO drilled three (3) borings to collect soil and groundwater samples in the areas where the positive responses were received. The soil analysis revealed a concentration of 37 milligrams per kilogram (mg/Kg) of TPH – extended range organics (ERO), which is below any action level established by IDEM.

Two (2) groundwater samples were analyzed for VOCs and TPH-GRO/ERO. The results indicated no concentrations of VOCs or TPH-GRO above the method detection limit. However, both groundwater samples revealed levels of TPH-ERO above the IDEM RISC RDCL of 0.1 milligrams per liter (mg/L). The groundwater samples contained 0.36 mg/L and 0.34 mg/L of TPH-ERO. SESCO recommended further investigation of the groundwater to verify that the site had no significant groundwater impacts and the TPH-ERO levels were anomalies.

2.2 Site Investigation

2.2.1 Site Characterization (Nature and Extent)

In the event that a subsurface investigation indicates that subsurface conditions have been impacted from current or previous onsite activities, SESCO can characterize the nature and extent of impacts in the soil and/or groundwater. This typically involves completing additional subsurface investigations in an effort to delineate the edges of a plume.

SESCO's experienced engineers and geologists will determine the contaminants of concern, which media (soil and/or groundwater) is affected, and which direction the contaminants are moving through the media.

2.2.2 Monitoring Well Installation, Sampling, and Decommissioning

Permanent monitoring wells and temporary sampling points are typically installed to determine if and where groundwater contamination exists. Our expert staff will install, develop, sample and decommission monitoring wells as each project progresses.

2.2.3 Data Evaluation and Statistical Analysis

Probably the most important part of a subsurface investigation, in addition to soil boring and monitoring well placement, is data evaluation and statistical analysis. SESCO's highly trained staff can interpret the analytical results at each site by comparing the contaminant concentrations with federal and state regulatory requirements. By determining soil characteristics, groundwater flow direction, and velocity, SESCO's geologists and hydro geochemists are able to identify a contaminants ability (or inability) to move laterally under a site or even to offsite locations. This information is invaluable to you as it may determine if further investigation or remediation will be necessary at the facility.

2.2.4 Vapor Intrusion Evaluation and Mitigation

Vapor intrusion is a term used to describe the migration of vapor from the subsurface, predominantly the groundwater, up through the soil column and into overlying structures. Vapor sources may include VOCs, inorganic compounds such as mercury and hydrogen sulfide and even some semi-volatile compounds such as certain poly-aromatic hydrocarbons. Vapor intrusion has become a significant environmental issue for regulators, industry and residents.

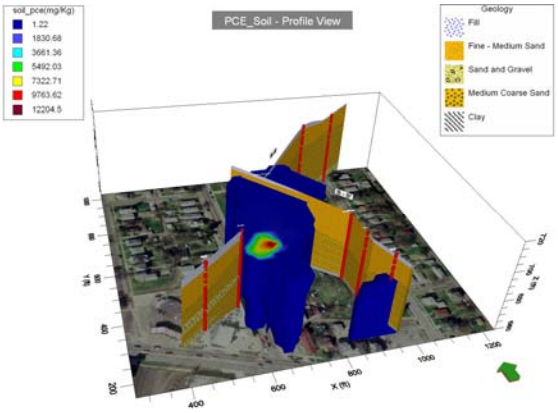
SESCO has expert knowledge in this emerging field and is on the leading edge of the science for this new environmental problem. SESCO utilizes all authoritarian Federal and State guidance including the new ASTM E2600-08 "*Standard Practice for the Assessment of Vapor Intrusion into Structures on Property Involved in Real Estate Transactions,*" and IDEM's Vapor Intrusion Guidance. Utilizing these sources and years of training and experience, SESCO knows exactly what is required and how to sample indoor air, sub-slab air, and soil gas. Data is of little value without knowing how to interpret the results. Most guidance relies on an assessment of a completed pathway from the subsurface source into the structure. SESCO knows how to evaluate these pathways,

assess immediate or acute exposures, interpret data using multiple lines of evidence, when to mitigate and how to reduce exposure.

Vapor intrusion into residential structures often creates the need for public information and interaction. SESCO understands community concerns and is adept at developing communication plans to address the needs of the residential community for information and the opportunity to interact and ask questions.

2.2.5 Site-Specific Risk Assessments

Risk Assessment is the science that characterizes the nature and magnitude of risks to human health through an analysis of occupational, residential, or other exposures to agents and their relevant toxicity. Risk assessment examines what contaminants are present, how exposure occurs, how much of the contaminant actually gets into the body and the potential or "risk" for a toxic response from that contaminant intake.



SESCO uses a multidisciplinary approach to developing and evaluating site-specific Risk Assessment with expert knowledge in toxicity potency values, exposure level determinations and how risk is characterized. SESCO understands what it means to be "regulatory compliant" from investigation all the way through submittal. A weight of evidence analysis is available to support risk assessment conclusions and a clear understanding of the inherent uncertainties is addressed.

SESCO can perform a site-specific risk assessment for any land use that considers residential, industrial, recreational, or trespass exposures. Using well established scientific principles along with innovative approaches to information gathering and interpretation, our proven experts comprise a uniquely qualified team that knows how to look at "realistic" risk and how to communicate these findings to the regulatory entity.

Communicating risk assessment results is almost as important as the actual determination of the risk. Risk communication puts the information into perspective for a broad range of audiences from the general public to those individuals making decisions. SESCO has personnel with decades of experience communicating risk to a broad range of audiences. Effective risk communication affords involved parties an equal understanding of the importance of the results, including the inherent uncertainties. This provides a positive format for decision making where it is needed, or for community relations when it is needed.

2.2.6 Membrane Interface Probe (MIP) The MIP is a screening tool with semi-quantitative capabilities acting as an interface between contaminants in the subsurface and gas-phase detectors at the surface. The MIP can be used in conjunction with a Phase I ESA to determine if contamination exists in realtime or as part of a site investigation to aid in the determination of the nature and extent of contamination on a property that will be remediated.

The MIP can save time. With the MIP, SESCO can have results onsite in real time so there is no waiting for laboratory data. A typical characterization phase of a project may have three (3) or more different mobilizations to the site to further delineate the extent of a contaminant plume. But with the MIP, SESCO aims to delineate a plume in one mobilization, thereby vastly reducing characterization time and cost.

2.3 Remediation

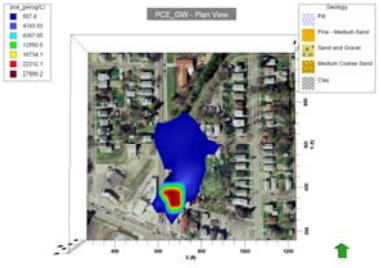
2.3.1 Turn-Key Remediation Services

SESCO's unique staff has instituted a wide array of remediation technologies involving various site conditions and media. SESCO will develop a conceptual site model (CSM) to understand the subsurface characteristics and perform a feasibility study to select the most cost effective approach to site closure.

Using a turn-key approach, SESCO can design, install, operate and maintain the remediation system, oversee remedial activities, and achieve site closure through various federal and state regulatory programs. Following are a number of remedial strategies that have proven successful.

2.3.1.1 In-Situ Chemical Oxidation

SESCO owns and operates a chemical oxidation unit. The application of the in-situ chemical oxidation is based on the delivery of chemical oxidants to contaminated media in order to destroy the contaminants. Oxidants having sufficient contact time with the organic contaminants are capable of converting the chemicals to carbon dioxide and water and ultimately reducing concentrations of contaminants in soil and groundwater (EPA, 2004). Chemical oxidation technologies are predominantly used to address contaminants in the source area saturated zone and capillary fringe, which is where the majority of the chlorinated VOCs contaminant mass is located.



The oxidants applied in this process are typically hydrogen peroxide (H_2O_2), potassium permanganate ($KMnO_4$), ozone (O_3), or, to a lesser extent, dissolved oxygen (DO). The volume and chemical composition of individual treatments are based on the contaminant levels and volume, subsurface characteristics, and pre-application laboratory analytical results. The methods for delivery of the chemicals may vary. The oxidant can be injected through a well or injector head directly into the subsurface, mixed with a catalyst and injected, or combined with an extract from the site and then injected and re-circulated (EPA, 2004).

2.3.1.2 Soil Vapor Extraction

Soil Vapor Extraction (SVE) is an in-situ remediation technique typically utilized on sites where the contaminated soils are in the unsaturated zone above the water table. SESCO's team of qualified professionals will evaluate a site's potential for SVE, as some sites do not have appropriate geology or chemicals of concern for an effective SVE system. SVE systems are typically used in conjunction with Air Sparging units for groundwater remediation. SESCO's SVE systems have resulted in site closures under various federal and state programs.

Former Fuel Depot
Indianapolis, Indiana

SESCO installed vertical SVE wells to recover free phase and adsorbed phase petroleum hydrocarbons at a former fuel depot. Initially, an internal combustion engine (ICE) remediation system was utilized to treat vapors recovered from the SVE wells. After a significant portion of the free product was removed and the vapor recovery rate decreased the ICE system was removed and a traditional electric powered SVE system was installed. Exhaust gas from the electric powered SVE system was treated with vapor phase carbon. SVE will continue at this site until the cleanup objectives are achieved.

2.3.1.3 Air Sparging

During Air Sparging, air is injected into groundwater to create an environment where VOCs dissolved in groundwater can volatilize out of the water. The volatilized organic compounds are typically then removed from the soils by a unilaterally operated SVE system. SESCO's experience with Air Sparging is unsurpassed. SESCO has designed and operated numerous air sparge systems.

Former Fuel Depot
Indianapolis, Indiana

SESCO installed a combination of vertical and horizontal air sparging wells at a former fuel depot to treat a petroleum hydrocarbon groundwater plume that extends off-site beneath roads, utility corridors, and several occupied structures. Vapors generated during air sparging are recovered by soil vapor extraction wells. Dissolved phase impacts have decreased significantly since start-up. Air sparging will continue at this site until the cleanup objectives are achieved.

2.3.1.4 Bioventing

Bioventing is a biological treatment process in which indigenous microorganisms in the unsaturated zone above groundwater are stimulated to biodegrade the contamination. SESCO's experience with bioventing has indicated that often a pilot study must be conducted to determine if bioventing is feasible at a site. In addition, bioventing may often be used with other systems, specifically those which can create aerobic conditions in the soil, those conditions necessary for a successful biological remediation. SESCO

has successfully managed biological treatment projects resulting in a faster degradation for medium range hydrocarbons such as diesel.

2.3.1.5 Dual-Phase Extraction (DPE)

During DPE, both contaminated groundwater and soil vapors are removed and treated ex-situ. DPE is especially successful at treating contamination within the capillary fringe as this area is exposed in the cone of depression around the extraction well. The water table is lowered during this remedial technology allowing contaminants that are above and below the water table to be remediated. SESCO has designed, installed, operated, and maintained various DPE systems resulting in successful site closures throughout Indiana.

2.3.1.6 Internal Combustion Engine (ICE) Technology

SESCO owns an ICE unit to be utilized to apply a vacuum to the SVE wells, resulting in removal of hydrocarbon vapors from the subsurface. The ICE unit consists of two (2) 460 cubic inch displacement Ford Model LSG-875 engines. Combustion in the engines is controlled by carburetors which regulate the ratios of air, hydrocarbon vapors from the product recovery wells, and supplemental fuel. As contaminant mass is removed from the subsurface and vapor recovery decreases, the amount of supplementary fuel (natural gas) required increases. Over 99% of the contaminants are destroyed during the combustion process, eliminating the need for vapor treatment. The ICE unit is equipped with an air-water separator tank and transfer pump for the collection of any water potentially removed from the product recovery wells. The ICE unit is also equipped with a phone modem for remote monitoring and to make necessary adjustments to the engines speed, well vacuum, and extraction flow rate to optimize engine performance and minimize supplemental fuel consumption.

The ICE system has successfully been used on heavily contaminated sites often with free product removal as a goal. The ICE unit is an innovative soil vapor extraction technology with proven success.

2.3.1.7 Enhanced Bioremediation

SESCO has extensive enhanced bioremediation experience at multiple sites throughout Indiana. SESCO employs *in-situ* bioremediation engineered system technologies to heighten the effects of naturally occurring degradation mechanisms. The engineered systems are designed to include one (1) or more of the following genereal classes of technologies: the addition of bacteria (bioaugmentation), the addition of nutrients, the addition of electron donors, or the addition of electron acceptors. Electron donor addition involves the addition of a substrate that acts as a reductant in the redox reaction used by the contaminant degrading microbes to produce energy. A substrate such as toluene, propane, or methane may be added to act as a cometabolic oxidant, when the chlorinated compound also is oxidized. A substrate such as hydrogen, a source of hydrogen, or a hydrogen release compound may be added to act as a direct reductant, when the chlorinated compound is reduced. This is the most frequently used approach. Enhanced bioremediation is a widely accepted method of remediating sites impacted with chlorinated compounds.

2.3.2 Brownfields Redevelopment

Brownfields redevelopment has been SESCO's main focus since 1997. SESCO founded the Indiana Brownfields Association (which has now been replaced by the Indiana Chapter of the National Brownfields Association) and the Florida Brownfields Association. SESCO staff members have spoken at the national and state brownfields conferences. We have developed and made presentations at national conferences sponsored by the USEPA and at international conferences. Because of our success as the Indiana Governor's Award Winner for Environmental Excellence in the Land Category in 2002, we were approached to serve as a mentor for USEPA Brownfields Program, which made us the only private entity in the country to have that distinction. We assisted the sister city of Indianapolis, Indiana, Concord, North Carolina, in their efforts to redevelop four (4) brownfields sites. David Valinetz, our President/CEO, who is highly regarded as a brownfields expert, testified in front of the legislature, regarding Indiana Governor Daniel's "Shovel Ready" bill. He is frequently asked to speak on brownfields issues from the developer's perspective. SESCO has also worked with the State Chamber of Commerce regarding land redevelopment. SESCO has worked with more than 25 municipalities on brownfields projects.

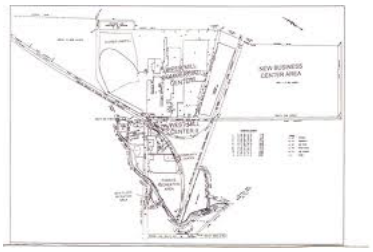
Brownfields Redevelopment
SESCO Corporate Headquarters, Indianapolis, IN

Our corporate headquarters is a perfect example of how to turn a brownfields into reality. The project reflects what brownfields redevelopment is intended to be—a partnership between private developers, public groups and neighborhoods.

This project proves that in smaller markets, through the right cooperation, everyone can benefit and achieve what the intent of the brownfields movement is all about—prevention of urban sprawl through the reuse of abandoned, contaminated sites in the inner cities. Total cost of project to date is $400,000.00. *In 2002, we received the Governor's Award for Environmental Excellence – Land Use for this project.*

Former Warrick Landfill
Hendricks County, Indiana

One of our most successful brownfields projects, this property was a permitted landfill in the 1970s. IDEM revoked the operating permit for the landfill and the former owner subsequently left the site in a state of incomplete closure. For years, there was a lot of interest in the site because of the growth occurring in the area, but none of the traditional developers could ever get comfortable because of the landfill. In 1999, BDG, LLC, our sister-company, purchased the property for redevelopment.



The property was approximately 240 acres, and two "cells" totaling 25 acres in size

were the actual landfill locations and were the areas of concern. Since the incomplete closure, the site has required periodic monitoring by the IDEM and the county, and was, at a minimum, a general nuisance, if not an actual risk to human health and the environment.

Through SESCO's efforts, a $767,000 brownfields loan was obtained that involved Hendricks County re-loaning the funds they received from the state for the completion of the closure activities. Because of the proximity of the site to a childcare facility, up to 20% of the loan was forgivable following the achievement of specific economic development goals.

The site is being developed into a spectacular lifestyle community with impressive amenities. Beautiful homes, a nature trail, a bird sanctuary, a disc golf club, a community center, a Scout Club campsite and nature chapel are just a few of the amenities and activities that will be enjoyed in the Village of Heritage Hill.

2.3.3 Waste Removal, Characterization, & Disposal

At some facilities, unknown or unidentified waste streams are encountered and characterization is necessary prior to disposal. SESCO's staff will safely sample wastes from drums, pits, ponds, etc., for characterization prior to disposal. All the necessary permitting for waste removal and disposal is performed by SESCO's knowledgable staff.

2.3.4 State Programs

SESCO manages projects under a myriad of state programs including the Voluntary Remediation Program (VRP), the LUST program, and the State Cleanup Program. SESCO's staff is well versed in non-default closure techniques using the Risk Integrated System of Closure (RISC) Technical Guide for remediation of contaminated sites. SESCO will interpret site data and determine the most appropriate remedial strategy; whether it be default closure criteria, or site-specific non-default criteria (risk based closure).

2.4 Funding Solutions – Cost Recovery

SESCO is committed to providing the top quality services under the most cost effective arrangements. Many arrangements today may include cost recovery from historical insurance policies, state trust funds, and state and federal grants or low interest loan dollars.

2.4.1 Insurance/Historical Insurance Recovery

One of the most underutilized resources for addressing one's land quality issues are historic insurance policies. It is a little known fact, but general liability insurance policies often can provide funds for the remediation of your property. Our staff can put you back on a fast track to remove the barriers often associated with assuming or transferring contaminated properties.

Senior Citizens Center
Greensburg, Indiana

After discovering seven (7) decaying USTs and soil and groundwater contamination at the site, SESCO's sister company, Restorical Research, reconstructed the City's historic general liability insurance coverage to fund cleanup efforts. Along with a grant through the Indiana Finance Authority, SESCO was able to remediate the site at no cost to the City. A meat market is planning to occupy the space in the near future.

2.4.2 Excess Liability Trust Fund (ELTF)

ELTF is a fund established from the collection of fees in the LUST program, from regulated UST owners for the specific use of remediating contaminated properties. A site's eligibility for ELTF funding can be dependent upon a number of factors affecting the 100% eligibility for reimbursement of remediation expenses. SESCO works tirelessly to ensure all remediation costs are reasonable so that you can receive the highest percentage of dollar for dollar monies back from the State on remediation.

2.4.3 S.E.L.F.

SESCO has pioneered an innovative solution to environmental remediation called S.E.L.F.™ that combines your Comprehensive General Liability Insurance and the ELTF to cover the costs of your entire cleanup bill. ELTF usually has a $35,000 deductible associated with remediation reimbursement. Using the S.E.L.F. program, this deductible can be covered. This is your best opportunity to completely fund your site cleanup. SESCO has been 100% successful at helping owners get the job done.

Shaffer Filling Station
Delphi, Indiana

The Shaffer family discovered that their service station had soil and groundwater contamination during a property transaction to sell their property and create a nest egg for retirement. SESCO's team helped the Shaffer's qualify for the ELTF fund and Restorical Research uncovered the Shaffer's historical insurance policies to cover the costs of cleanup. Much of the money from insurance was used to cover the ELTF deductible and any un-covered costs from ELTF reimbursement. SESCO removed seven (7) USTs and 3,000 tons of contaminated soil. The property has sold and was turned into a used car lot.

2.4.4 Grants and Low Interest Loan Assistance

Low-Interest Loans (LIL) are available to political subdivisions for the acquisition of and environmental assessment, remediation and demolition activities at eligible brownfields sites. The maximum LIL amount is based on available funds and determined on a case-by-case basis by the Indiana Finance Authority. An LIL may be partially forgivable, such that not more than 20% of the total LIL amount may be in the form of a forgivable loan. There is no application deadline for these loans and SESCO's staff has the necessary experience and knowledge to assist applicants.

2.4.5 Brownfields Grants

SESCO has successfully assisted communities with Site Assessment Grants and Petroleum Remediation Grants to perform Phase I ESAs and Subsurface Investigations on abandoned or underutilized properties with a real or perceived threat of contamination.

Phase I & Phase II Grants
City of Crawfordsville, Indiana

SESCO assisted the City of Crawfordsville in obtaining State brownfields Funds to perform a Phase I and Phase II on a former hospital property. SESCO also conducted an asbestos survey and lead based paint assessment of the building, in addition to the subsurface investigation adjacent to three (3) USTs located on the property. Subsequently, a private developer purchased the property.

Phase I & Phase II Grants
City of Aurora, Indiana

SESCO assisted the City of Aurora in obtaining State Brownfields Funding to perform a Phase I and Phase II of a former manufacturing plant located in downtown Aurora. SESCO conducted a subsurface investigation near a former UST cavity and within the basement of the facility. The site is now complete and has been converted to a successful art gallery and living quarters for artists.

3.0 Staff

SESCO Group has developed a project team to respond quickly and effectively to your project. Our project team brings together professionals with a diverse background in technical expertise and experience so that we can individualize a specific group of professionals to fit your projects needs. Our team is experienced in various environmental projects ranging from surface water quality issues to soil and groundwater quality issues. Our team has been pivotal from moving projects from a "stalled" status to ones that are on the "fast-track". Our team has reached the "goal line" in remediation projects and has successfully achieved site comfort letters or No Further Action (NFA) letters from regulatory agencies on several past projects.

SESCO's TEAM
We offer a team of highly trained professionals with a breadth of experience, a network of solid relationships and a desire to bring your environmental issues to an efficient and effective close

- Certified Hazardous Materials Managers
- Licensed Professional Engineer
- Licensed Professional Geologists
- Environmental Scientists
- Health and Safety Officer
- Hydrogeochemist
- Biologists
- Chemist

David F. Valinetz, President and CEO
Brent A. Graves, LPG, Director of Technical Operations
Carla J. Gill, CHMM, Senior Project Manager
Russell J. Schlukebir, Senior Project Manager **/** Health & Safety Officer / QA / QC
Scott A. Beasley, PE, Senior Project Manager / Environmental Engineer
William Pickard, LPG, Senior Project Manager
Matt Mayo, Project Manager / Geochemist
Tonia N. Pippin, Project Manager / Resource Manager
Brad W. Adams, CHMM, Project Manager
Jay Novotny, Project Manager
Tim Yates, Project Manager / Geologist
Mike Meyer, Project Manager
Stephanie Deckard, Project Manager
Jay Anderson, Staff Project Manager
Andrew Taylor, Staff Project Manager / Geologist
Nathan Hyde, Staff Project Manager
Mark Nance, Staff Project Manager

Resumes of personnel can be found in Appendix A.

4.0 Health and Safety

At SESCO, the health and safety of our employees is our number one priority. Site specific health and safety plans are completed prior to each project initiated by SESCO employees. All of our staff performing field investigations complete the necessary health and safety training and refresher requirements including 40 HAZWOPER training. In addition to required training, SESCO has implemented an internal training program to mentor and educate our staff.

5.0 Insurance/Bonding

SESCO carries a $2,000,000 commercial general liability insurance policy, contractor's pollution policy, automobile policy, and workers compensation policy. SESCO can also provide bid and payment and performance bonds on an as needed basis.

A copy of the Certificate of Insurance is included in Appendix B.

6.0 References

SESCO is pleased to provide the following list of references for your consideration. We invite your inquiry to the listed individuals, each of whom has personal knowledge of and experience with SESCO and its personnel.

Baird & Marine, Inc.
Mr. Dick Marine
819 ½ Elm Street
Valparaiso, IN 46383
219.462.4718

Berreth Oil Co., Inc.
Mrs. Peg Berreth
1301 W. 6th Street
Mishawaka, IN 46544
574.272.2324

Heyde Oil, Inc.
Mr. Dallas Heyde
7588 South Warren Road
Warren, IN 46792
260.375.2505

Knoll Brothers, Inc.
Mr. Larry Knoll
1575 East U.S. Highway 12
Michigan City, IN 46360
219.874.7310

City of Shelbyville
Mr. Thomas D. DeBaun
44 West Washington St.
Shelbyville, IN 46176
317.392.5102

City of Whiting
Mayor Joe Stahura
1930 Schrage Avenue
Whiting, IN 46394
219.659.8253

Carmel Redevelopment Commission
Mr. Les Olds
30 West Main Street, Suite 200
Carmel, IN 46032
317.496.0379

Good Oil
Mr. Dean Good
1201 North US 35
Winamac, IN 46996
574.946.4863

Waggoners Oil Company, Inc.
Mr. Gordon Norquist, Jr.
1402 Kessler Boulevard
South Bend, IN 46616
574.234.2171

APPENDIX A

RESUMES

David F. Valinetz
President and CEO

Mr. Valinetz has obtained a Bachelor of Science degree in Biology and Accounting from Indiana University, and a Master of Science Degree also from Indiana University. Mr. Valinetz has been fortunate to attend Negotiation Training at MIT and Harvard, and Covey Training (Seven Habits) from Steven Covey.

Mr. Valinetz has worked as an environmental professional for more than 20 years. He began his career working for the Indiana Department of Environmental Management (IDEM), spending 10 years working his way up through management to Director of Enforcement. While working at IDEM, he also completed his accounting degree and his entrepreneurial spirit led him to establish in 1996 the consulting business that he continues to lead as President and CEO. In his experiences, Mr. Valinetz has served as both a consultant and in house staff member to a broad range of manufacturing and governmental entities. In this capacity Mr. Valinetz has advised facilities on a broad range of environmental issues, including solid and hazardous waste, ground water contamination, air emissions, and brownfields issues. His experience interacting with the agency is invaluable in moving projects forward.

In the last few years, he has focused many of his efforts working with clients regarding complex environmental real estate transaction issues. Mr. Valinetz has worked with all disciplines in the transaction, i.e. bankers, lawyers, buyers, sellers, etc. and has developed a "tool box" that resolves matters in a timely and cost effective manner.

Mr. Valinetz's interest in the brownfields movement has always been present. He has formed a sister company, BDG, LLC which invests and hold brownfields properties and provides service related to those properties. He also co-founded the Indiana Brownfields Association, which is a not-for-profit organization committed to furthering the efforts of true brownfields development in Indiana, preventing urban sprawl and maintaining Indiana's green space.

Mr. Valinetz routinely leads brownfields assessments throughout Indiana. These projects involve a variety of sites including: abandoned and/or idled factories, foundries, bulk oil facilities, landfills, gasoline stations, and hospitals. He and his staff have assisted municipalities with every stage of remediation and or land redevelopment through cost effective solutions.

Representative Experience:

- Original founder of the SESCO Group, BDG, LLC and the co-founder of the Indiana Brownfields Association, Restorical Research
- Expert witness services
- Insurance archaeology
- Environmental real estate transaction services
- Guaranteed fixed price clean-up evaluation
- Correspondence with clients, attorneys, bankers, and regulators
- Brownfields Grants, Loans, for clients, including municipalities
- Speaker & Presenter at State, Local & National conferences

Certifications/Associations:
US EPA Mentor 2001
Member National Brownfields Association
Member National Redevelopers Association
Member Indiana Chamber of Commerce Environmental Committee

Brent A. Graves, LPG
Director of Technical Operations

Mr. Graves joined SESCO in 2011 as Director of Technical Operations. He earned a B.S. in Geology from Indiana University at the Indiana University-Purdue University, Indianapolis campus. He has over 20 years of experience in the environmental consulting industry, with the last 14 years being in Indiana. He has experience working in multiple Indiana Department of Environmental Management programs including LUST, UST, ELTF, VRP, State Cleanup, Permitting, Brownfields, and Emergency Response. He specializes in site characterization, monitoring and remediation. He works hard to provide strong communication with clients, his/her representatives and state regulators to come up with practical and innovative solutions to their unique environmental issues.

Representative Experience:

- Phase I and Phase II Environmental Site Assessments for a variety of property transactions
- UST/AST investigations and removals
- Pilot testing and feasibility studies
- Site investigation and delineation studies for industrial and petroleum facilities
- Management and performance of landfill groundwater monitoring
- Landfill expansion permit management
- Chlorinated solvent and petroleum vapor intrusion investigations and mitigation
- Hydraulic conductivity testing and analysis
- Groundwater pumping tests to determine aquifer characteristics for well fields
- Oversight of remedial plans for enhanced (accelerated) bioremediation application
- NPDES and POTW discharge permit preparation
- Mechanical remediation system discharge reports
- Soil, groundwater, surface water, and air sampling
- Elevation surveying and site mapping
- Geotechnical data evaluation, field activities, and management
- Geophysical investigations including the use of seismic refraction, EM conductivity, and ground penetrating radar
- Rapid response to provide oversight/management of cleanups for train derailments

Certifications/Training:

Licensed Professional Geologist – Indiana License #1832
Licensed Professional Geologist – Illinois License #196-000840
American Institute of Professional Geologists - Certification #9940
OSHA Hazardous Waste Site Operator (HAZWOPER) Certified
OSHA Supervisors Safety Training Course
Groundwater Pollution and Hydrology, The Princeton Course (1995)
PC Applications in Risk Assessment, Remediation, Modeling, and GIS, NGWA (2000)
Applied Ground Water Statistics for Landfills Course (1997)
ASTM Risk Based Corrective Actions Course (1997)
e-RAILSAFE Railroad Safety Training (2010)

Associations:

Midwestern States Environmental Consultant's Association – Chair of Rule Making Committee

Publications:

Bruce, Lyle; Cuthbertson, Jim; Graves, Brent; Ziegler, Scott J.; Kolhatker, Arati. "Anaerobic Degradation was Enhanced Through Sulfate Addition Substantially Increasing Degradation Rate at a Central Indiana Site". National Ground Water Association, May 2007.

Carla J. Gill, CHMM
Senior Project Manager

Ms. Gill is a Senior Project Manager for SESCO. She has 24 years experience in the environmental field. Ms. Gill received a B.S. in Biology from Purdue University in West Lafayette, Indiana and a M.S. in Environmental Science from Ball State University in Muncie, Indiana. Upon graduation, Ms. Gill worked for the Indiana Department of Environmental Management for 12 years with her last assignment as the Senior Environmental Manager in charge of the Voluntary Remediation Program. Before joining SESCO, Ms. Gill was a self-employed sub-contractor performing environmental consulting services with several Indiana clients. Ms. Gill's work in the environmental consulting industry has included directing numerous site assessments, subsurface investigations and remediation projects.

In addition, Ms. Gill has extensive experience in field data collection and interpretation including soil sampling, groundwater sampling, surface water sampling, soil borings, monitoring well installation, underground storage tank (UST) closures and excavations. She also has managed and trained field project management level staff.

Representative Experience:

- Member of the development team for Indiana's Voluntary Remediation Program (VRP)
- Member of the development team for Indiana's Risk Integrated System of Closure (RISC)
- Phase I environmental site assessments in Illinois, Indiana and Michigan of commercial, residential, industrial facilities and agricultural properties
- Phase II subsurface investigations at sites impacted by petroleum, chlorinated solvents, and other chemicals of concern
- Oversight of several brownfields redevelopment projects throughout Indiana
- Correspondence with clients, attorneys and regulators
- Site closure strategies
- Extensive environmental field work including sampling of soil, groundwater, and air, surveying elevations, and site mapping
- Management of several Good Oil Company, Inc. projects throughout Indiana
- All project reporting requirements
- Application of federal and state regulations

Certifications:

Certified Hazardous Materials Manager - License # 13243
OSHA Hazardous Waste Site Operator (HAZWOPER) Certified, October 1988
Member of the Indiana Environmental Health Association
Member National Ground Water Association

Publications:

"Water Quality and Macroinvertebrate Populations Before and After a Hazardous Waste Cleanup" Journal of Water Pollution

Russell J. Schlukebir

Senior Project Manager / Health & Safety Officer / QA / QC

Mr. Schlukebir received a B.S. with a double major in Biology (Natural Resources Management) and Earth Science from Central Michigan University in Mt. Pleasant, Michigan. Upon graduation, he worked as a Waste Water Treatment Operator for the City of Grandville, Michigan. His responsibilities included day-to-day plant operations, solving plant operation problems, laboratory testing, data collection/interpretation and preparation of discharge reports. Mr. Schlukebir also served as the Health & Safety Chairman for the plant. Mr. Schlukebir has 18 years of experience in the environmental industry and has extensive experience in managing large portfolios of hydrocarbon sites throughout Indiana. His responsibilities included overall project coordination, project direction and closure strategies and included performing Phase I Environmental Site Assessments (ESAs), conducting Phase II site investigations, implementing/overseeing remedial technologies, management of subcontractors, all site reporting requirements, budget management, invoicing and maintaining strong communication with clients and regulators. In addition, Mr. Schlukebir has extensive experience in field data collection and interpretation including soil sampling, groundwater sampling, surface water sampling, soil borings, monitoring well installation, soil vapor surveys, underground storage tank (UST) closures and excavations at CERCLA, RCRA, UST, LUST, drycleaners, landfills and various industrial/manufacturing sites throughout the United States. Mr. Schlukebir has also been involved in several NEPA study projects including Indiana Bat surveys, tree species identification survey and land use verification along a portion of the I-69 highway extension corridor in southern Indiana. Mr. Schlukebir has also managed and trained junior level staff and has been involved in project QA/QC standards and standard operating procedures (SOPs).

Throughout Mr. Schlukebir's career and 18 years of experience, he has been involved in health and safety programs and has served as the Health & Safety representative for several consulting firms. He is currently serving as the Health & Safety Officer for SESCO Group. He has extensive experience writing/review of H&S Plans (HASPs), communicating and enforcing field/office H&S requirements and policies, development of H&S procedures and policies, H&S field audits, maintaining and ordering H&S equipment and supplies, H&S briefings and accident/near-miss investigations.

Representative Experience:

- Extensive Phase I ESA's and Phase II site investigations in Indiana, Illinois, Michigan, Ohio, Kentucky, Tennessee, Missouri, Pennsylvania, New Jersey, Mississippi and Florida of commercial, residential, industrial, and agricultural properties
- UST/AST investigation and removals in Indiana
- Phase I and Phase II site investigations at drycleaner facilities throughout Florida – FDEP "Dry Cleaner Solvent Cleanup Program
- Management of 80+ Shell Oil Products US (SOPUS) Gasoline retail and terminal projects throughout Indiana
- Management of multiple sites for major oil companies – Emro Marketing & Amoco/BP throughout Indiana
- Multiple landfills Phase II investigations, monitoring, excavations, soil gas surveys and redevelopment activities
- Correspondence with clients, attorneys and regulators
- All project reporting requirements
- Application of state regulations
- Site closure strategies
- Health & Safety Plans (HASPs), H&S field audits, H&S Training, H&S policies and procedures

Certifications:
OSHA 40-hour 29 CFR 1910.120 Hazardous Waste Site Operator Certified (HAZWOPER), 1991
OSHA 8-Hour 29 CFR 1910.120 Supervisors Training Course, 1993

Scott A. Beasley, PE
Senior Project Manager / Environmental Engineer

Mr. Beasley is an Environmental Engineer/Senior Project Manager for SESCO Group and has 15 years of experience in the environmental field. Mr. Beasley received a B.S. in Geological Engineering from Purdue University in West Lafayette, Indiana in 1985. Upon graduation, he worked as a Project Manager performing environmental subsurface investigations, underground storage tank removal, and Phase I and Phase II environmental site assessments. Mr. Beasley has developed and managed contaminated soil and groundwater projects from the time of discovered release through initial site characterization, corrective action planning, remediation, and closure. Prior to coming to SESCO Group, Mr. Beasley worked for three local environmental engineering/consulting firms as a Project Manager, Senior Engineer, and ultimately an Environmental Division Manager where he oversaw the operations of the environmental division. Mr. Beasley also has experience as an Engineer and Project Manager for telecommunications infrastructure projects including the installation of switching and transmission equipment. Eventually, Mr. Beasley took his experience to the next level and became a self-employed subcontractor performing environmental and civil engineering/consulting coordination of 120 cellular tower build-outs.

Representative Experience:

- Phase I soil and groundwater Phase II Environmental Site Assessments
- Designed soil and groundwater remediation systems and managed installations
- Performed concrete and soil strength tests and analyses, soil and asphalt compaction testing, geological borehole logging, and surveying
- Analyzed soil conditions to provide geotechnical building foundation design recommendations
- Provided review and professional engineering certification on numerous groundwater and soil investigation and remediation reports submitted to the Illinois EPA
- Developed and wrote prior consulting firm's first successfully awarded federal government contract for the creations of twelve SPCC plans at twelve Federal Aviation Administration locations in western states
- Performed remediation pilot studies and designed various remediation systems including soil, ventilation, air sparging, dual phase vapor extraction, and bioremediation
- Managed remediation system operations and maintenance personnel, environmental drilling, and liquid waste removal divisions.

Certifications:

Licensed Professional Engineer-License # 60910064
OSHA Hazardous Waste Site Operator (HAZWOPER) Certified

William D. Pickard, LPG
Senior Project Manager

Mr. Pickard joined SESCO in 2011 as a Project Manager. Mr. Pickard earned a B.S. in Environmental Geosciences from Purdue University. He has performed project tasks such as subsurface contaminant investigation, groundwater assessments, in-situ enhanced bioremediation, report preparation and project management. Bill has also aided in property transactions and has experience working with environmental regulations for various cleanup programs in Indiana. He has over 14 years of experience in the environmental consulting industry. As a dedicated environmental consultant and scientist, Bill works hard to provide strong communication with the client, his/her representatives and state regulators to come up with practical and innovative solutions to their unique environmental issues.

Representative Experience:

- Phase I and Phase II site investigations for a variety of property management issues
- UST/AST investigations and removals
- Pilot testing and feasibility studies
- Site investigation and delineation studies for dry cleaner and petroleum facilities
- Management and performance of landfill groundwater monitoring
- Landfill expansion permit management
- Chlorinated solvent and petroleum vapor intrusion investigations and mitigation
- Hydraulic conductivity testing and analysis
- Oversight of remedial plans for enhanced (accelerated) bioremediation application
- Oversight and design of mobile membrane interface probe investigations
- Management of data from membrane interface probe
- Mechanical remediation system discharge reports
- Soil, groundwater and air sampling
- Elevation surveying and site mapping
- Geotechnical data evaluation, field activities, and management
- Correspondence with clients, attorneys, and regulators
- Management of multiple sites for various municipalities
- Application of state regulations

Certifications:
OSHA Hazardous Waste Site Operator (HAZWOPER) Certified
Licensed Professional Geologist – Indiana License #2141
Licensed Professional Geologist – Tennessee License #5673
Licensed Professional Geologist – Kentucky License #2533

Matt Mayo
Project Manager / Geochemist

Mr. Mayo joined SESCO in July 2010 as a Project Manager and Geochemist, and was later promoted to a Senior Project Manager position. He has nine (9) plus years of environmental, geological and geochemical experience. He received his B.S. in Geology with an emphasis on organic geochemistry from Ball State University in Muncie, Indiana, with graduate studies ongoing towards his M.S. in Geochemistry at Ball State. Matt has worked in the environmental field as a teacher, interned for the Indiana Department of Natural Resources – Division of Water, worked as a researcher for the Indiana Geological Survey in support of the STATEMAP and iLITH projects classifying glacial sediments and performing downhole geophysical investigations, and within the consulting industry directing, designing and conducting investigations ranging in scope from subsurface, groundwater, and vapor intrusion to in-situ delineation of a wide range of contaminants at Sites ranging in nature from dry cleaners, former gasoline stations and bulk-terminal sites for multinational oil industry clients, to industrial and manufacturing facilities for national utility companies. Mr. Mayo is fluent using many investigative techniques from traditional soil and groundwater based investigations to large-scale mobile laboratory TRIAD-based chlorinated solvent investigations and Laser-Induced Fluorescence/Free Product studies of coal tar at former manufactured gas plants. Mr. Mayo has aided clients in due diligence property transactions, has worked on and managed numerous sites under the jurisdiction of various regulatory agencies on projects in Indiana (IDNR: DoW, IDEM: LUST, State Cleanup, VRP, Brownfields, ELTF), Illinois (TACO), Michigan (MDEQ, MDNR), Ohio (BUSTR, Brownfields), Kentucky DEQ and New York, and has participated in IDEM workgroups on his client's behalf helping to shape the evolving regulatory climate. Experience working on sites with wide diversities of contaminants and geological settings have afforded Mr. Mayo unique opportunities to learn directly from individuals who have written the regulations or who have developed the science behind them. Coupled with a personal drive to understand "why" things work as they do, these opportunities provided a wide base from which he has built a solid understanding of the regulatory climates which govern the process. Mr. Mayo is a proven, dedicated, innovative and tenacious environmental professional who seeks innovative and equitable solutions to the environmental issues of today; is a strong communicator, client advocate, and environmental steward.

Representative Experience:

- Project Management
    - Michigan City, IN – Former Manufactured Gas Plant with coal tar contamination, Indiana VRP
    - Fort Wayne, IN - Former Manufactured Gas Plant with coal tar and cyanide contamination, Indiana VRP
    - Granger, IN – Bulk-terminal with petroleum hydrocarbon and chlorinated lead-stripper contamination in sole-source aquifer. Largest remedial budget in North America to cover a release that impacted over 200 homes at the onset over 15 years ago. Remediation system and water filtration are ongoing, Indiana State Cleanup Program
    - Shelbyville, IN – Former Manufacturing facility with chlorinated, petroleum and PCB contamination, USEPA/Indiana Brownfields Program
    - Peru, IN – Two separate Former Manufactured Gas Plants, both with coal tar and one with both coal tar and light end hydrocarbon contamination along the structural control of Cincinnatian Arch and Packerton moraine, Indiana VRP
    - Goshen, IN – Former Manufactured Gas Plant with coal tar contamination with associated metals concerns, Indiana VRP
    - Lafayette, IN – Former Manufactured Plant with various co-mingled contaminant plumes , Indiana VRP
    - Goshen, IN – Pipeline Pumping Station with a catastrophic release of petroleum hydrocarbons, Indiana VRP

- Granger, IN – Pipeline Failure followed by catastrophic release of fuel, extensive mechanical remediation, Indiana VRP
- Richmond, IN – One Former Manufactured Gas Plant bifurcated into two sites with hydrocarbon and metals contamination, Co-administered by Indiana VRP and Indiana Brownfields Program
- Anderson, IN – Former Metals machining facility that also generated electricity at an on-site coal-fired station with chlorinated, petroleum and past metals contamination, Indiana VRP
- Columbus, IN – Former Manufactured Gas Plant with residual cyanide contamination affecting the confluence of the Eel and North Fork White Rivers at a now-public park and recreation site, Indiana VRP
- Numerous former gasoline/service stations and truckstops with petroleum, metals and waste oil contamination, Various regulatory agengies.

- Phase I and Phase II Environmental Assessments
- Extensive Low-flow Groundwater Sampling experience
- Thousands of feet of core described by USCS protocol
- Soil/Sediment Sampling of many methods
- Extensive Monitoring Well Installation
- UST/AST Investigation and Removal
- Vapor Intrusion sampling and data analysis
- Mechanical remediation system operation, maintenance and optimization
- Data Management/Reduction/Reporting for multinational oil enterprise
- Computer modeling of groundwater systems and geochemical fate and transport
- Pilot testing and remediation feasibility studies
- Extensive site investigation and delineation experiences
- Various types of hydrogeologic testing
- Design of remedial plans for in-situ chemical oxidation
- Design of remedial plans for enhanced (accelerated) bioremediation
- Design of mechanical and manual remedial systems
- Operation of Mobile Membrane Interface Probe and Corresponding Data Management
- Operation of TarGOST LIF Unit, modeling and Conceptual Site Model development
- Correspondence with Clients, Attorneys, and Regulators

Certifications:

- OSHA Hazardous Waste Site Operator (HAZWOPER) Certified
- OSHA Hazardous Waste Site Operator Supervisor Training
- MEA OQ Pipeline Certified

Tonia N. Pippin
Project Manager / Resource Manager

Mrs. Pippin joined SESCO as a Staff Project Manager and was later promoted to a Project Manager position, followed by joining the Resource Management team. Mrs. Pippin earned a B.S. in Natural Resources and Environmental Management with a Land Management emphasis, and a minor in Biology from Ball State University. She has ten years of experience and has performed project tasks such as subsurface contaminant investigation, groundwater assessments, in-situ enhanced bioremediation, client and regulatory mediation/correspondence, report preparation and project management. Mrs. Pippin is also in charge of staff scheduling and management. Tonia has also aided in property transactions and has experience working with environmental regulations for various cleanup programs in Indiana. As a dedicated environmental consultant and scientist, Tonia works hard to provide strong communication with the client, his/her representatives and state regulators to come up with practical and innovative solutions to their unique environmental issues.

Representative Experience:

- Phase I and Phase II site investigations for a variety of property management issues
- UST/AST investigations and removals
- Pilot testing and feasibility studies
- Extensive site investigation and delineation studies for dry cleaner and petroleum facilities
- Chlorinated solvent and petroleum vapor intrusion investigations and mitigation
- Hydraulic conductivity testing and analysis (i.e. slug testing)
- Oversight of remedial plans for enhanced (accelerated) bioremediation application
- Oversight and design of mobile membrane interface probe investigations
- Management of data from membrane interface probe
- Mechanical remediation system discharge reports
- Soil, groundwater and air sampling
- Elevation surveying and site mapping
- Correspondence with clients, attorneys, and regulators
- Management of multiple sites for various municipalities
- Liaison for multiple government contracts with various agencies
- Application of state regulations

Certifications:
OSHA Hazardous Waste Site Operator (HAZWOPER) Certified

Other Relevant Training:
Vapor Intrusion and Mitigation Seminar
Trained Asbestos Building Inspector
Government Contracting Regulations and Bidding Practices

Bradley W. Adams, CHMM
Project Manager

Mr. Adams joined SESCO in 2008 as a Project Manager and has 15 years of experience. Mr. Adams earned a B.S. in Natural Resources & Environmental Management from Ball State University. Mr. Adams began his career with managing and performing Phase I Environmental Site Assessments on commercial and industrial properties. Many of those properties presented environmental issues which impeded real estate transactions. Mr. Adams became involved in Phase II site investigations on many of those sites. Mr. Adams began managing all aspects of projects and became involved in a variety of sites with various contaminants. He has performed project tasks such as subsurface contaminant investigation, groundwater assessments, in-situ enhanced bioremediation and mechanical remedial system implementation, operation, maintenance and troubleshooting, remedial system operation management, geotechnical investigations, client and regulatory mediation/correspondence, report preparation and project management. As a full service environmental consultant and scientist, Brad works hard to provide aggressive and innovative solutions to each project, while maintaining strong communication with the client as well as state regulators.

Representative Experience:

- Phase I and Phase II site investigations for a variety of property management issues
- UST/AST investigation and removal
- Phase I and site investigation/remediation at industrial facilities in Indiana
- Mechanical remediation system implementation, operation, maintenance and troubleshooting
- Pilot testing and feasibility studies
- Extensive site investigation and delineation studies
- Various types of hydraulic testing such as slug testing and pump testing
- Correspondence with clients, attorneys, and regulators
- Management of multiple sites for major oil companies
- Application of federal and state regulations

Certifications:

Certified Hazardous Materials Manager (License #13162)
OSHA Hazardous Waste Site Operator (HAZWOPER) Certified
OSHA Hazardous Waste Site Operator Supervisor Training
Member, Alliance of Hazardous Materials Professionals

Jay Novotny
Project Manager

Mr. Novotny joined SESCO as a Staff Project Manager and was later promoted to a Project Manager position. Mr. Novotny earned a B.S. in Environmental Science from the Indiana University-Purdue University Indianapolis (IUPUI) School of Public and Environmental Affairs (SPEA) program. Mr. Novotny began his career groundwater sampling at petroleum sites and became involved with Phase II investigations at many of those sites. He has performed such tasks as subsurface contaminant investigations, groundwater assessments, geotechnical investigations, storm water site inspections, in-situ enhanced bioremediation and report writing. As a dedicated environmental consultant, Jay works hard to provide excellence in fieldwork, report writing and communication with project managers.

Representative Experience:

- Phase II site investigations for a variety of property management issues
- UST/AST investigations and removal
- Extensive site investigations for dry cleaner and petroleum facilities
- Storm water site inspections at residential and development properties
- Soil compaction testing and concrete slump testing
- Hydraulic conductivity testing (i.e. slug testing)
- Oversight of remedial plans for enhanced bioremediation application
- Oversight of mobile membrane interface probe investigations
- Soil and groundwater sampling
- Elevation surveying and site mapping

Certifications:
OSHA Hazardous Waste Site Operator (HAZWOPER) Certified

Timothy R. Yates
Project Manager

Mr. Yates joined SESCO in 2009 as a Project Manager. He has over nine (9) years of experience in the environmental field. Mr. Yates earned a B.S. in Geology from Eastern Illinois University in Charleston, Illinois. He has since worked in the environmental consulting industry and has both conducted field work for and directed numerous subsurface investigations of varying size and scope to delineate soil and groundwater impacts at facilities impacted by a wide range of contaminants. Mr. Yates has worked with Federal and several State regulatory agencies in Indiana, Illinois, Kentucky, Ohio, Maryland and Washington, D.C. He has also assisted the Indiana Department of Environmental Management (IDEM), in conjunction with BP Products North America, in researching other States' total petroleum hydrocarbon regulations in groundwater, in comparison with current IDEM regulations. As a full service environmental consultant, Mr. Yates works hard to provide aggressive and innovative solutions to each project, while maintaining strong communication with the client as well as state regulators.

Representative Experience:

- Phase I and Phase II Environmental Site Assessments for a variety of sites and clients
- UST/AST investigation and removal
- Mechanical remediation system implementation, operation, maintenance and troubleshooting
- Installation and maintenance of bioremediation injection systems
- Pilot testing and feasibility studies
- Various types of hydraulic testing such as slug testing and pump testing
- Vapor intrusion/sub-slab port installation and sampling
- Management of multiple dry cleaning/chlorinated sites for a wide range of clients
- Managed field operations for Brownsfield projects
- Managed field operations for Seymour Site Trust an United States Environmental protection Agency (USEPA) Superfund site
- Participate in environmental emergency response teams for Marathon Ashland Petroleum (Marathon) pipeline releases and CSX Transportation train derailments
- Management of multiple sites for BP, Marathon, and Speedway Super America Spill Prevention, Control, and Countermeasure (SPCC) and Storm Water Pollution Prevention Plan (SWP3) assessments for CSX Intermodal
- Wetlands sediment, soil, and surface water sampling and mitigation
- Preparing and submitting wetlands construction permits to the United States Army Corps of Engineers (USACE), IDEM, and the Indiana Department of Natural Resources (IDNR)
- Correspondence with clients, attorneys, and regulators
- Application of federal and state regulations

Certifications:

OSHA 40 Hour HAZWOPER 29 CFR 1910.120(e)
Federal Railroad Adminstration Training
IATA Dangerous Goods Transportation
DOT Hazardous materials Transportation 49 CFR 172.704
DOT Security Awareness Training 49 CFR 172.704(a)(4)

Michael T. Meyer
Project Manager

Mr. Meyer joined SESCO in 2010 as a Project Manager, and has ten (10) years of experience in the environmental field. He earned a B.S. in Natural Resources and Environmental Management from Ball State University in Muncie, Indiana, with a minor in Geology. Mr. Meyer began his career as a Field Assistant, and worked on projects in the field including installing, repairing and servicing wastewater effluent monitors. He then became a Field Analyst, in which he organized and scheduled field sampling events and conducted environmental sampling. Before SESCO Group, Mr. Meyer worked as an Environmental Scientist, and performed such tasks as Geoprobe operation, soil and groundwater sampling, soil and groundwater remediation, and managing projects in the field.

Representative Experience:

- UST investigation and removal
- Soil and groundwater sampling
- Installation and maintenance of bioremediation injection systems
- Monitoring well sampling and abandonment
- NPDES Permit sampling using ISCO 24 Hour composite samplers
- Soil Landfarm setup and sampling
- Storm water discharge sampling

Certifications:

OSHA Hazardous Waste Site Operator (HAZWOPER) Certified, November 1998
OSHA 8-Hour HAZWOPER Refresher Training
Water Well Drillers License #2036, June 2004 - present

Stephanie Deckard
Project Manager

Ms. Stephanie Deckard has been a Project Manager with SESCO Group since June 2008, specializing in Phase I Environmental Site Assessments (ESA's). Ms. Deckard received a B.A. with a major in Geology from Indiana University Purdue University at Indianapolis (IUPUI). Upon graduation, she worked as a project manager for Groundwater & Environmental Services (GES) in Exton, Pennsylvania, conducting Phase I and Phase II site assessments, soil and groundwater sampling, and technical report writing. Ms. Deckard returned to Indiana, where she worked as a project manager for Lee & Ryan Environmental Consulting, Inc. Duties included project management, technical report writing, field investigations, soil and groundwater sampling, hydrogeologic investigations and wetland delineation. Ms. Deckard also performed environmental investigations pertaining to leaking underground storage tanks, dry cleaner facilities, industrial properties, and solid and hazardous waste storage facilities.

Representative Experience:

- Phase I ESA's in Indiana, Ohio, Illinois, New Jersey, and Pennsylvania of commercial, industrial, residential, and agricultural properties (2000-Present)
- LUST investigations and remedial projects (Indiana, Ohio, Illinois, Nebraska, Georgia, Pennsylvania 2000-2008)
- Wetland Delineation (2006-2008)

Certifications:

OSHA Hazardous Waste Site Operator Certified (HAZWOPER), March 2000
8-Hour HAZWOPER Refresher, 2000-2011

Jay Anderson
Staff Project Manager

Mr. Anderson joined SESCO as a Field Technician. Mr. Anderson earned a B.S. in Natural Resources and Environmental Management from Ball State University. He has performed project tasks such as subsurface contaminant investigation, groundwater sampling with low-flow technology, soil identification, slug testing, data tabulation, report preparation and review, on-site supervision of in-situ enhanced bioremediation and chemical oxidation remediation, surveying, and mapping. As an environmental consultant, Jay works hard to provide efficient and innovative solutions to each project while working with project managers, subcontractors, and clients.

Representative Experience:

- Onsite supervision of subsurface soil investigation and groundwater sampling
- Surveying
- Mapping
- Slug testing

Certifications:

OSHA Hazardous Waste Site Operator (HAZWOPER) Certified
Advanced Technologies for Contaminated Site Remediation and Gas Intrusion Management- Certificate of Continuing Education/ Professional Development

Andrew H. Taylor
Staff Project Manager / Geologist

Mr. Taylor joined SESCO in 2010 as a Staff Geologist. He has over three (3) years of experience in the environmental field. Mr. Taylor earned a B.A. in Geology from Indiana University Purdue University Indianapolis in Indianapolis, Ind. He has since worked in the environmental consulting industry and has both conducted field work for and directed numerous subsurface investigations of varying size and scope to delineate soil and groundwater impacts at facilities impacted by a wide range of contaminants. Mr. Taylor has worked with Federal and several State regulatory agencies in Indiana, Illinois and Ohio. As a full service environmental consultant, Mr. Taylor provides aggressive and innovative solutions to each project, while maintaining strong communication with the client as well as state regulators.

Representative Experience:

- Phase I and Phase II Environmental Site Assessments for a variety of sites and clients
- UST/AST investigation and removal
- Installation of Air Sparge/Soil Vapor Extraction (AS/SVE) remediation systems
- Mechanical remediation system implementation, operation, maintenance and troubleshooting
- Pilot testing and feasibility studies
- Extensive site investigation and delineation studies
- Vapor intrusion/sub-slab port installation and sampling
- Manage field operations for Brownsfields and Excess Liability Trust Fund (ELTF) projects
- Participate in environmental emergency response teams for Travel Centers of America fuel releases and CSX Transportation train derailments
- Correspondence with clients, attorneys and regulators
- Application of federal and state regulations

Certifications:
OSHA 40 Hour HAZWOPER 29 CFR 1910.120(e)

Nathan Hyde
Staff Project Manager

Mr. Hyde joined SESCO as an Environmental Scientist. He earned a B.S. in Public Affairs-Environmental Management from Indiana University. Mr. Hyde has performed well installations, vacuum extraction events, and groundwater and soil sampling for active and former retail gasoline stations. Other experience includes scheduling and coordination of field services and report writing including: Quarterly Monitoring Reports, Site Conceptual Modeling, Closure Strategy Reports, Further Site Investigation Reports and Corrective Action Plans. Other duties have included preparing boring logs, low-flow sampling and wetland delineation studies.

Representative Experience:

- Groundwater and soil sampling
- Monitored Natural Attenuation (MNA) collection
- Soil boring and well installation
- Vacuum extraction events
- Subcontractor oversight
- Preparation of boring logs
- Conducting biosparge pilot test with low flow groundwater monitoring
- Wetland delineations, maintenance and GIS
- Project Coordination Activities: obtaining bids, scheduling work, obtaining permits and client and property owner correspondence
- Elevation surveying and site mapping
- Carbon system basic operations and maintenance (O & M)
- Oversight and logging or rock coring for the installation of an injection well over 3,000 feet deep
- Emergency response after discovery of gasoline free product form pipeline seeping into Ohio River
- Site Reconnaissance Activities

Certifications:

OSHA Supervisor Training
OSHA 8-Hour CFR 1910.120 HAZWOPER Refresher Training
API WorkSafe Training
Wetland Training/Specialized Policy Training – URS, Baton Rouge, LA
OSHA 10-Hour Construction Safety & Health

Mark Nance
Staff Project Manager

Mr. Nance joined SESCO Group as a Staff Project Manager. Mark earned a B.S. in Synoptic Meteorology from Purdue University. Mr. Nance began his career as an environmental scientist with emphasis in UST and petroleum subsurface investigations. He has performed project tasks such as subsurface contaminant investigation, groundwater assessments, soil remedial excavations, remedial system operation and management, mobile remediation oversight, report preparation, database management and project management. Mark also has experience working with environmental compliance regulations for various cleanup programs in Indiana.

Representative Experience:

- Mechanical remediation system operation, maintenance, and troubleshooting
- Groundwater and soil sampling experience
- Soil remedial excavation experience
- UST/AST investigations
- Mobile remediation oversight
- Site investigation and delineation studies
- Report preparation
- Environmental database management

Certifications:
40-Hour OSHA HAZWOPER Certified
8-Hour OSHA HAZWOPER Supervisor Certified
DOT Hazmat Transportation Certified

APPENDIX B

CERTIFICATE OF INSURANCE

OP ID: L2

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 07/15/11

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Tobias Insurance Group, Inc HQ 9247 N. Meridian St. Ste. 300 Indianapolis, IN 46260 James R. Bigott 317-844-7759 317-844-9910	CONTACT NAME: Scott Falkenberg PHONE (A/C, No, Ext): 317-844-7759 FAX (A/C, No): 317-844-9910 E-MAIL ADDRESS: sfalkenberg@tobias.com PRODUCER CUSTOMER ID #: NESES-1
INSURED New Sesco, Inc. dba Sesco Group 1426 W. 29th Street Indianapolis, IN 46208	INSURER(S) AFFORDING COVERAGE — NAIC # INSURER A: Rockhill Insurance Company INSURER B: Charter Oak Fire Insurance Co. — 25615 INSURER C: Travelers Indemnity Co of Amer — 25666 INSURER D: INSURER E: INSURER F:

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	GENERAL LIABILITY X COMMERCIAL GENERAL LIABILITY CLAIMS-MADE OCCUR X Contractual Liab. X Contractors Poll. GEN'L AGGREGATE LIMIT APPLIES PER: POLICY X PRO-JECT LOC			RPKGE00319902(11)	07/14/11	07/14/12	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	$ 2,000,000 $ 50,000 $ 5,000 $ 2,000,000 $ 2,000,000 $ 2,000,000
B	AUTOMOBILE LIABILITY X ANY AUTO ALL OWNED AUTOS SCHEDULED AUTOS HIRED AUTOS NON-OWNED AUTOS			8105935M360COF11(11)	07/14/11	07/14/12	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$ 1,000,000 $ $ $
	UMBRELLA LIAB OCCUR EXCESS LIAB CLAIMS-MADE DEDUCTIBLE RETENTION $						EACH OCCURRENCE AGGREGATE	$ $
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y/N (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N/A		UB5947M948TIA11(11)	08/12/11	08/12/12	X WC STATU-TORY LIMITS OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	$ 500,000 $ 500,000 $ 500,000
A	PROFESSIONAL LIABILITY			RPKGE00319902(11) "CLAIMS MADE"	07/14/11	07/14/12	EA. CLAIM AGGREGATE	2,000,000 2,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
ADDITIONAL INSURED(S)[GENERAL LIABILITY]:
NOTE #1: POLICY AGGREGATE - $2,000,000.
NOTE #2: EXCESS OF GL, CPL/PROF. POLICY AGGREGATE - $3,000,000.

CERTIFICATE HOLDER

SAMPLEC

SAMPLE CERTIFICATE OF INSURANCE

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

ACORD 25 (2009/09)

APPENDIX C

GLOSSARY OF ACRONYMS

ACRONYMS AND ABBREVIATIONS

AS/SVE – air sparge, soil vapor extraction (type of remediation system or technology)
AST – above ground storage tanks
ASTM – American Society for Testing and Materials; largest voluntary standards development organizations in the world-a trusted source for technical standards for materials, products, systems, and services. Known for their high technical quality and market relevancy, ASTM International standards have an important role in the information infrastructure that guides design, manufacturing and trade in the global economy.
ATP – Authorization to Proceed
BGS – Below Ground Surface
Biovent – more passive remediation system/technology
BTEX-MTBE – Benzene, Toluene, Ethylbenzene, Xylenes, Methyl-tertiary-Butyl Ether
CAP – Corrective Action Plan (technical document describing remedial method)
CAPR – Corrective Action Progress Reporting (see QM)
CDI – Chronic Daily Intake
CGL – Comprehensive General Liability
COC – Chemical of Concern
CRTK – Community Right to Know
CSM – Conceptual Site Model
DNAPL – Dense Non-aqueous Phase Liquid
DPE – Dual phase extraction system (remediation system)
DRO – Diesel Range Organic
EC – Exposure Concentration
ECD – Electron Capture Detector
ED – Exposure Duration
ELTF – Excess Liability Trust Fund
EPH – Extractable Petroleum Hydrocarbon
ERC – Environmental Restrictive Covenant
ERO – Extended Range Organics/Environmental Restrictive Ordinance
ESA – Environmental Site Assessment (see Phase I)
FID – Flame Ionization Detector
FSC – Further Site Characterization (next stage of the characterization phase)
FSI – Further Site Investigation (next stage of the characterization phase)
GeoProbe® – Direct push drilling machine (hydraulic) used for collecting soil samples from subsurface
GC – Gas Chromatograph
GRO – Gasoline Range Organics
GW – Groundwater
HASP – Health and Safety Plan
HI – Hazard Index
HQ – Hazard Quotient
IBP – Indiana Brownfields Program
ICE – Internal Combustion Engine
IDCLs – Industrial/Commercial Default Closure Levels
IDEM – Indiana Department of Environmental Management
IFA – Indiana Finance Authority

ISC – Initial Site Characterization (determining the nature and extent of contamination in soil and groundwater on a site)
LEED – Leadership in Energy & Environmental Design
LNAPL – Light Non-Aqueous Phase Liquid
LSI – Limited Subsurface Investigation; usually 2-3 borings, not meant to delineate a contaminant
LR – Linear Regression
LTM – Long Term Monitoring
LUST – Leaking Underground Storage Tanks
MCL – Maximum Contaminant Level
MDL – Method Detection Limit
mg/Kg – milligram per kilogram
mg/L – milligram per liter
MIP – Membrane Interface Probe
MLOE – Multiple Lines of Evidence
N&E – Nature and Extent
NAPL – Non-Aqueous Phase Liquid
NEPA – National Environmental Protection Act
NFA – No Further Action
PAHs – Polynuclear Aromatic Hydrocarbons
PCB – Polychlorinated Biphenyl
PCE – Perchloroethylene/Tetrachloroethylene
Phase I – Phase 1 environmental property assessment; historical study to determine past facility usage of a property focusing on any chemical, petroleum or solvent usage or storage
PID – Photo Ionization (Gas) Detector
POC – Perimeter of Compliance
ppb – parts per billion
ppm – parts per million
PRG – Preliminary Remediation Goal
PRP – Potential Responsible Party
PS – Plume Stability
PVC – Poly-Vinyl Chloride
QM – Quarterly Monitoring (usually quarterly groundwater monitoring of a site or contaminant levels)
RA – Risk Assessment
RBC – Risk-Based Closure
RCRA – Resource Conservation and Recovery Act of 1976
RDCLs – Residential Default Closure Levels
REC – Recognized Environmental Condition
RfD – Reference Dose (a measure of non-carcinogenic potency)
RISC – Risk Integrated System of Closure from IDEM
RL – Reporting Limit
RPTL – Real Estate Property Transfer Listing
SELF – A combination of insurance and ELTF
SF – Slope Factor (a measure of carcinogenic potency)
SG – Soil Gas
SS – Sub-slab gas sample

SVE – Soil vapor extraction system (remediation system or technology)
SVOCs – Semi-Volatile Organic Compounds
TCE – Trichloroethylene
TPH – Total Petroleum Hydrocarbon
ug/Kg – micrograms per kilogram
ug/L – microgram per liter
UST(s) – Underground Storage Tank(s)
VI – Vapor Intrusion
VOCs – Volatile Organic Compounds
VPH – Volatile Petroleum Hydrocarbon
VRP – Voluntary Remediation Program
WIP – Work in Progress