

P. O. Box 19172
New Orleans, LA 70179

Tel: (504) 486-5595
Fax: (504) 486-5598
www.soeearth.com

April 1, 2022

Jefferson Parish Council
c/o Eula Lopez, Parish Clerk
General Government Building
200 Derbigny St. Suite 6700
Gretna, LA 70054

**RE: Statement of Qualifications
Laboratory Services for Testing and/or Inspection of Materials and
Equipment for Public Work Projects**

Dear Eula:


We are pleased to present our qualification submittal to provide the testing and inspection services which you have requested. Attached are one (1) original and (14) copies of the following documents for your review:

1. Completed Jefferson Parish TEC Questionnaire and Affidavit
2. Statement of Qualifications and Resumes of Key Personnel
3. Copy of Accreditation Certificate from the American Materials Reference Laboratory.
4. Validation Letter from the U. S. Army Corp of Engineers
5. Registration Certificates from the Louisiana Professional Engineering and Land Surveying Board

We are fully insured including professional liability coverage.

Thank you for the opportunity to serve you and please call us should you have any questions.

Sincerely yours,
SOUTHERN EARTH SCIENCES, INC.


Ken Meyn, P.E.
District Manager

/Attachments

TEC Professional Services Questionnaire

A. Project Name and Advertisement Resolution Number:

SOQ NO. 22-012 LABORATORY SERVICES FOR INSPECTION OF MATERIALS AND EQUIPMENT FOR PUBLIC WORK

B. Firm Name & Address where Project work will be performed:

Southern Earth Sciences, Inc.
725 South Genois Street
New Orleans, LA 70119

C. Name, title and contact information of Principal, as defined in Section 2-926 of the Jefferson Parish Code of Ordinances, who is a registered, licensed architect, professional engineer, or surveyor in the State of Louisiana:

Kenny Meyn, P.E. (LA PE #24945) - District Manager
725 South Genois Street, New Orleans, LA 70119
kmeyn@soearth.com
Ph: (504) 486-5595

D. Name and contact information of employee who is a registered and licensed architect, professional engineer, or surveyor in the State of Louisiana in the applicable discipline. A subcontractor may be substituted here only if the advertised Project requires more than one discipline.

Matt Coaker, P.E. (LA PE #36498) - Vice President
5460 Rangeline Road, Mobile, AL 36695
mcoaker@soearth.com
251-344-7711

E. Please provide the number of employees whose primary function corresponds with each category:

<u>12</u> Administrative	<u> </u> Estimators	<u> </u> Specification Writers
<u> </u> Architects (Licensed)	<u>5</u> Geologists	<u> </u> Structural Engineers
<u> </u> Chemical Engineers	<u> </u> Geotechnical Engineers	<u> </u> Graduate Engineers
<u>15</u> Civil Engineers	<u> </u> Interior Designers	<u> </u> Project Managers
<u> </u> Construction Inspectors	<u> </u> Landscape Architects	<u>10</u> Clerical
<u> </u> Ecologists	<u> </u> Land Surveyor	<u> </u> Technician
<u> </u> Electrical Engineers	<u> </u> Mechanical Engineers	<u>8</u> Drilling/CPT
<u>3</u> Engineer Intern	<u>9</u> Environmental Engineers	
<u> </u> Professional Land Surveyors		<u> </u> TOTAL

F. Is this submittal by a JOINT-VENTURE? Please check: YES ☐ NO ☒

If marked "No" skip to Section I. If marked "yes" complete Sections G-H.

TEC Professional Services Questionnaire

G. If submittal is by JOINT-VENTURE, list the firms participating and outline specific areas of responsibility (including administrative, technical, and financial) for each firm. Please attach additional pages if necessary.

1.

N/A

2.

H. Has this JOINT-VENTURE previously worked together? Please check:
 YES ☐ NO ☐

I. List all subcontractors anticipated for this Project. Please note that all subcontractors must submit a fully completed copy of this questionnaire, applicable licenses, and any other information required by the advertisement. See Jefferson Parish Code of Ordinances, Sec. 2-928(a)(3). Please attach additional pages if necessary.

Name & Address:	Specialty:	Worked with Firm Before (Yes or No):
1. N/A		
2.		
3.		

J. Please specify the total number of support personnel that may assist in the completion of this Project:

TEC Professional Services Questionnaire

K. List the professional in charge, key persons, specialists, and individual consultants anticipated for this Project and provide their relevant information below. If necessary, please attach additional documentation (i.e. resume) that demonstrates the employment history and experience of the Firm's key persons that may assist in the completion of this Project. Please attach additional pages if necessary.

PROFESSIONAL IN CHARGE OF PROJECT:

Name & Title:

Kenny Meyn, P.E. - New Orleans Branch Manager

Project Assignment:

Civil Engineer/Project Manager providing construction materials testing, soil testing, and special inspections oversight.

Name of Firm with which associated:

Southern Earth Sciences, Inc.

Years' experience with this Firm:

36

Education: Degree(s)/Year/Specialization:

B.S./1984/Civil Engineering
University of New Orleans

Active registration: Year first registered/discipline:

Louisiana P.E. #24945 (1992)

Other experience and qualifications relevant to the proposed Project:

Mr. Meyn is the Louisiana Regional Manager for Southern Earth Sciences, Inc. He supervises three (3) welding Inspectors, ten (10) vibration Technicians, three (3) post tension Inspectors, fifteen (15) concrete Technicians, and two (2) roofing Inspectors. Reviews all related QA/QC reports and oversees any problem items which may arise during construction. Visits job sites regularly and attends preconstruction and during construction meetings on major projects.

Mr. Meyn also reviews and approves the Geotechnical Engineering Reports for the Mandeville, and Baton Rouge office locations. Mr. Meyn is directly involved in the geotechnical engineering, especially pertaining to construction considerations and deep foundation systems. Mr. Meyn has extensive experience with deep foundation systems in the New Orleans and North Shore areas as well as construction considerations pertaining to vibration and settlement issues.

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Ernie Nillen Soils Lab Manager
Project Assignment:
Soils Technician/ Soils Lab Manager
Name of Firm with which associated:
Southern Earth Sciences, Inc.
Years' experience with this Firm:
40
Education: Degree(s)/Year/Specialization:
Nichols State University – B.S. Life Science and Technology (Marine Biology) Minor: Chemistry
Active registration: Year first registered/discipline:
ACI Certified Concrete Field Technician Soils Lab Supervisors In House Certification Concrete Lab Supervisor In House Certification
Other experience and qualifications relevant to the proposed Project:
<p>Soils Lab Technician – Soils/Aggregate Tests: Proctors, Gradations, Plasticity Index, Classification, Los Angeles Abrasion, Soundness, Flat and Elongated Particles, Sampling Aggregate Materials, Specific Gravity of Soils and Aggregates, Absorption, Unit Weight and Moisture Content</p> <ul style="list-style-type: none"> - Conducts coring of concrete in the field to obtain specimens for compressive strength testing, process samples in the lab and conduct test - Completed safety training and transportation courses for the use of nuclear testing equipment - Supervise laboratory and field soils technicians - Review and issue soils reports - Train lab and field soils and concrete technicians - Issue and respond to AMRL and CCRL proficiency sample reports - Maintain and calibrate lab and field testing equipment - Lab Q.C. - Asphalt plant inspection - Supervise concrete lab and field technicians

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Mike Dauzat Dispatch
Project Assignment:
Dispatch
Name of Firm with which associated:
Southern Earth Sciences, Inc.
Years' experience with this Firm:
14
Education: Degree(s)/Year/Specialization:
De La Salle - 2002 Delgado - 2003-2004
Active registration: Year first registered/discipline:
ACI Certified Concrete Field Technician
Other experience and qualifications relevant to the proposed Project:
<ul style="list-style-type: none">- Set up and conduct pile load test in the field, including US army corps of Engineers test- Review and issue concrete reports- Inspection of Fireproofing- Inspection coatings- Phase 1 Environmental site survey- Vibration monitoring- Logging of piles- Supervise concrete lab and field technicians

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Jay Lataxes Pile Operation Supervisor QC Supervisor
Project Assignment:
Pile Operation Supervisor
Name of Firm with which associated:
Southern Earth Sciences, Inc.
Years' experience with this Firm:
12
Education: Degree(s)/Year/Specialization:
Chalmette High School
Active registration: Year first registered/discipline:
Safety training course for use of nuclear testing equipment Dale Carnegie Leadership Training for Managers
Other experience and qualifications relevant to the proposed Project:
<ul style="list-style-type: none">- Set up and conduct pile load tests in the field, including US Army Corps of Engineers Tests- Conducts coring of concrete in the field to obtain specimens for compressive strength testing, process samples in the lab and conduct test- Completed safety training and transportation courses for the use of nuclear testing equipment- Review and issue reports- Train field logging technicians- Maintain and calibrate lab and field testing equipment- ASTM E935-13 Standard Test Method for Performance of Permanent Railing Systems and Rails for Buildings- ASTM E605 Standard Test Methods for Thickness and Density of Sprayed Fire-Resistive Material Applied to Structural Members- ASTM E119 Standard Practice for the Testing and Inspection of Field Applied Thin-Film in Intumescent Fire-Resistive Materials

TEC Professional Services Questionnaire

KEY PERSON, SPECIALIST, OR INDIVIDUAL CONSULTANT:
Name & Title:
Chinh Diep Project Estimator
Project Assignment:
Project Estimator, Supervisor & Coordinator Assistant Administration
Name of Firm with which associated:
Southern Earth Sciences, Inc.
Years' experience with this Firm:
15
Education: Degree(s)/Year/Specialization:
A.S. in Civil Engineering 2007 Delgado Community College
Active registration: Year first registered/discipline:
ACI Certified Concrete Field Technician Completed safety training course for the use of nuclear testing equipment
Other experience and qualifications relevant to the proposed Project:
<ul style="list-style-type: none">- Set up and conduct pile load tests in the field, including US Army Corps of Engineers Tests- Conducts coring of concrete in the field to obtain specimens for compressive strength testing, process samples in the lab and conduct test- Conduct test on concrete with Concrete Test Hammer to obtain comparative strength values- Asphalt roadway technician duties- Inspection of reinforcing steel prior to concrete operations.- Review and issue concrete and soils reports- Witness and report concrete post-tensioning operations at the job site- Conducts coring of concrete in the field to obtain specimens for compressive strength testing, process samples in the lab- Special Concrete Testing and Inspection

TEC Professional Services Questionnaire

L. Work by Firm or Joint-Venture members which best illustrates current qualifications relevant to this Project. Please include any and all work performed for Jefferson Parish. Please attach additional pages if necessary.

PROJECT NO. 1

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>Avenue "D" Drainage, Phase V, DPW No. 2010-003-DR</p> <p>Jefferson Parish Department of Engineering 18169 E. Petroleum Drive, Ste. A Baton Rouge, LA 70809 Jared Monceaux, P.E.</p>	<p>Southern Earth Sciences, Inc. performed quality control services for Jefferson Parish DPW through Hartman Engineering. Our field personnel performed, sampled, tested, monitored and certified soils, concrete, reinforcing steel and vibration monitoring services. Project included reconstruction drainage from West Bank Expressway to 6th Street.</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
<p>April, 2013 \$50,724.00</p>	<p>N/A</p>	<p>Hartman Engineer 18169 E. Petroleum Dr. Suite A Baton Rouge, LA 70809</p>

PROJECT NO. 2

Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
<p>FEMA Submerged Rd. Jefferson Parish Dept. of Capital Project Through Linfield Hunter & Junious Mark Annine 3608 18th Street, Suite # 200 Metairie, LA 70002</p>	<p>Southern Earth Sciences, Inc 725 South Genois Street New Orleans, LA 70119</p>	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
<p>September, 2011 \$100,084.00</p>	<p>N/A</p>	<p>Linfield Hunter & Junious Mark Annine 3608 18th Street, Suite # 200 Metairie, LA 70002</p>

TEC Professional Services Questionnaire

PROJECT NO. 3		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility	
Bucktown Harbor Shelter Jefferson Parish No. 2009-044A-RB Ryan Breaux Jefferson Parish Engineer Dept. 1221 Elmwood Park Blvd Harahan, LA 70123 Rbreaux@jeffparish.net	Southern Earth Sciences, Inc 725 South Genois Street New Orleans, LA 70119	
Completion Date (Actual or estimated)	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
February, 2014 \$2,000.00	N/A	Ryan Breaux Jefferson Parish Engineer Dept. 1221 Elmwood Park Blvd Harahan, LA 70123

PROJECT NO. 4		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Acadian Trace Subdivision Marrero, LA Lary Sampey Sampey General Contractor 103 Belington Ave. Madisionvile, LA 70447 985-845-4520	Southern Earth Sciences, Inc 725 South Genois Street New Orleans, LA 70119	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
March, 2015 \$10,300.00		Sampey General Contractor 103 Belington Ave. Madisionvile, LA 70447

TEC Professional Services Questionnaire

PROJECT NO. 5		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Westwood Crossing Subdivision Marrero, LA Lary Sampey Sampey General Contractor 103 Belington Ave. Madisionville, LA 70447 985-845-4520	Southern Earth Sciences, Inc 725 South Genois Street New Orleans, LA 70119	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
May, 2014 \$2,500.00	N/A	Sampey General Contractor 103 Belington Ave. Madisionville, LA 70447

PROJECT NO. 6		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Ochsner Main Campus Expansion 1516 Jefferson Hwy Jay Britsch Ochsner Health Facilities Development 1450 Poydras, Suite 300 New Orleans, LA 70112 504-842-7739	Southern Earth Sciences, Inc 725 South Genois Street New Orleans, LA 70119	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
2014 to present \$350,000.00	N/A	Ochsner Health Facilities Development 1450 Poydras, Suite 300 New Orleans, LA 70112

TEC Professional Services Questionnaire

PROJECT NO. 7		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Jefferson Parish Crime Lab Office Jefferson Parish Sherriff Office 1233 Westbank Exp. Harvey, LA 70058 Ladd Ehlinger 504-455-8911	Southern Earth Sciences, Inc 725 South Genois Street New Orleans, LA 70119	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
July, 2014 \$4,000.00	N/A	Ladd Ehlinger Architect 504-455-8911 ladd@ehlinger.com

PROJECT NO. 8		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Bonnabel School Field House Renovation Metairie, LA Jefferson Parish Public School 4600 River Rd. Admin. Annex Merrero, LA 70072 David Gilmore david.gilmore@jppss.k12la.us	Southern Earth Sciences, Inc 725 South Genois Street New Orleans, LA 70119	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
November, 2012 \$2,500.00	N/A	Jefferson Parish Public School 4600 River Rd. Admin. Annex Merrero, LA 70072

TEC Professional Services Questionnaire

PROJECT NO. 9		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Marie Riviere Elementary School 1564 Leak Ave. Metairie, LA Jefferson Parish Public School 4600 River Rd. Admin. Annex Merrero, LA 70072 David Gilmore david.gilmore@jppss.k12la.us	Southern Earth Sciences, Inc 725 South Genois Street New Orleans, LA 70119	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
November, 2016 \$15,000.00	N/A	Jefferson Parish Public School 4600 River Rd. Admin. Annex Merrero, LA 70072

PROJECT NO. 10		
Project Name, Location and Owner's contact information:	Nature of Firm's Responsibility:	
Rio Vista Subdivision Extension Jefferson, LA John Drennan, LLC 8518 Oak St. New Orleans, LA 70118 Jon@jwdrennanllc.com	Southern Earth Sciences, Inc 725 South Genois Street New Orleans, LA 70119	
Completion Date (Actual or estimated):	Estimated Cost:	
	Entire Project:	Work for which Firm was Responsible:
April ,2016 \$2,780.00	N/A	John Drennan, LLC 8518 Oak St. New Orleans, LA 70118

TEC Professional Services Questionnaire


M. List all prior and/or on-going litigation between Firm and Jefferson Parish. Please attach additional pages if necessary.

Parties:		Status/Result of Case:
Plaintiff:	Defendant:	
1. None		
2.		
3.		
4.		

N. Use this space to provide any additional information or description of resources supporting Firm's qualifications for the proposed project.

Jefferson Parish
State of Louisiana

O. To the best of my knowledge, the foregoing is an accurate statement of facts.

Signature:  Print Name: Kenneth J. Meyn, P.E.
 Title: District Manager Date: 04/01/2022

Statement of Qualifications

AFFIDAVIT

STATE OF Louisiana

PARISH/COUNTY OF Orleans

BEFORE ME, the undersigned authority, personally came and appeared: Kenneth
Meyn, (Affiant) who after being by me duly sworn, deposed and said that
he/she is the fully authorized District Manager of SO. EARTH SCIENCE, INC. (Entity),
the party who submitted a Statement of Qualifications (SOQ) to JEFFERSON PARISH
GOVERNMENT (Briefly describe the services the SOQ

will cover), to the Parish of Jefferson.

SOQ # 22-012
LABORATORY SERVICES FOR INSPECTION OF MATERIALS AND
EQUIPMENT FOR PUBLIC WORKS PROJECTS
Affiant further said:

Campaign Contribution Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

Choice A _____

Attached hereto is a list of all campaign contributions, including the date and amount of each contribution, made to current or former elected officials of the Parish of Jefferson by Entity, Affiant, and/or officers, directors and owners, including employees, owning 25% or more of the Entity during the two-year period immediately preceding the date of this affidavit or the current term of the elected official, whichever is greater. Further, Entity, Affiant, and/or Entity Owners have not made any contributions to or in support of current or former members of the Jefferson Parish Council or the Jefferson Parish President through or in the name of another person or legal entity, either directly or indirectly.

Choice B ☒ _____

there are **NO** campaign contributions made which would require disclosure under Choice A of this section.

Affiant further said:

Debt Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

Choice A _____ Attached hereto is a list of all debts owed by the affiant to any elected or appointed official of the Parish of Jefferson, and any and all debts owed by any elected or appointed official of the Parish to the Affiant.

Choice B ✓ There are **NO** debts which would require disclosure under Choice A of this section.

Affiant further said:

Solicitation of Campaign Contribution Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

Choice A _____ Attached hereto is a list of all elected officials of the Parish of Jefferson, whether still holding office at the time of the affidavit or not, where the elected official, individually, either by **telephone or by personal contact**, solicited a campaign contribution or other monetary consideration from the Entity, including the Entity's officers, directors and owners, and employees owning twenty-five percent (25%) or more of the Entity, during the two-year period immediately preceding the date the affidavit is signed. Further, to the extent known to the Affiant, the date of any such solicitation is included on the attached list.

Choice B ✓ there are **NO** solicitations for campaign contributions which would require disclosure under Choice A of this section.

Affiant further said:

Subcontractor Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

Choice A _____ Affiant further said that attached is a listing of all subcontractors, excluding full time employees, who may assist in providing professional services for the aforementioned SOQ.

Choice B ✓ _____ There are **NO** subcontractors which would require disclosure under Choice A of this section.

Affiant further said:

That Affiant has employed no person, corporation, firm, association, or other organization, either directly or indirectly, to secure the public contract under which he received payment, other than persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project or in securing the public contract were in the regular course of their duties for Affiant; and

[The remainder of this page is intentionally left blank.]

That no part of the contract price received by Affiant was paid or will be paid to any person, corporation, firm, association, or other organization for soliciting the contract, other than the payment of their normal compensation to persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project were in the regular course of their duties for Affiant.



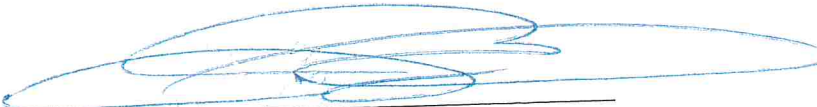
Signature of Affiant

Kenneth J. Meyer

Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME

ON THE 31 DAY OF March, 2022



Notary Public

DARRYL BREAU

Printed Name of Notary

01729

Notary/Bar Roll Number

My commission expires Life



Geotechnical, Environmental & Construction Materials Testing
www.soeearth.com

COMPANY INFORMATION AND STATEMENT OF QUALIFICATIONS

Southern Earth Sciences, Inc. (SESI) was founded in 1976 in Mobile, Alabama. SESI provides geotechnical engineering, construction materials testing and environmental services throughout the southeast on industrial, commercial, government and private projects. SESI's corporate office is located in Mobile, Alabama with branch offices listed below.

ALABAMA

Mobile
Montgomery
Summerdale

FLORIDA

Destin
Panama City
Tallahassee

LOUISIANA

Baton Rouge
Mandeville
New Orleans

Professional Staff: SESI has a professional staff consisting of approximately fifteen (15) Engineers and five (5) Geologists. The entire professional staff of SESI has extensive experience in performing geotechnical, environmental and/or hydrogeologic investigations, and construction materials testing.

Subprofessional Expertise: SESI presently employs approximately one hundred (100) inspectors and technicians with field and laboratory testing experience. These technicians are experienced in virtually every aspect of subsurface investigations, construction testing and environmental services. Our technicians are OSHA Safety Certified and our personnel conform to strict corporate alcohol, drug and safety policies.

SERVICES

GEOTECHNICAL SERVICES

Geotechnical Soil and Materials Laboratories

All SESI locations have basic laboratory facilities but extensive capabilities exist in Mobile, Alabama; Panama City, Florida; and Baton Rouge, Louisiana. These laboratories are completely outfitted to perform ASTM and AASHTO testing of soils, concrete, asphalt and metals. Our laboratories hold certifications from the Corp of Engineers, American Association of State Highway Transportation Officials (AASHTO), CMEC in Florida, and LDEQ in Louisiana.

Engineering Analysis & Design Services:

- CAPWAP Pile Capacity Evaluation
- Drilled Shaft/Caisson Evaluation
- Driven Pile Evaluation
- Excavation Stability Evaluation
- Forensic Investigation
- Ground Improvement Assessment
- High Strain Dynamic Pile Testing (PDA)
- Landfill Evaluation
- Legal Testimony
- Pavement Evaluation/Design
- Pile Load Test Evaluation
- Seismic Induced Liquefaction Assessment
- Seismic Site Classification
- Settlement Evaluation

- Shallow Foundation Evaluation/Design
- Slope Stability Analysis
- Soil Stabilization Assessment
- Retaining Wall Stability Evaluation
- Wave Equation Analysis
- Unknown Foundation Studies

Non-Destructive Testing (NDT) Services

- Crosshole Sonic Logging
- Sonic Echo/Impulse Response (SE/IR)
- Parallel Seismic/Cone Penetration Testing (PS/CPT)
- Pile Integrity Testing (PIT)

Instrumentation Installation and Monitoring

- Extensometers
- Inclinometers
- Settlement Plates
- Settlement Cells
- Vibrating Wire Piezometers
- Vibrating Wire Strain Gauges
- Vibration Monitoring

CONSTRUCTION MATERIALS TESTING

Southern Earth Sciences, Inc. testing laboratories are completely outfitted to perform ASTM and AASHTO testing of soils, concrete, asphalt and metals. Our laboratories are certified by the United States Army Corps of Engineers (USACE) and American Association of State Highway Transportation Officials (AASHTO).

Laboratory Testing of Materials

Strategically located laboratories make testing of soils, concrete, asphalt and metals quick and convenient. Branch managers supervise all lab operations in accordance with ASTM Specifications E-329 and E-699. All equipment is calibrated annually to ensure accurate data. SESI technicians are certified by appropriate accrediting agencies on a routine basis.

SESI's construction resources include testing of concrete, soils, asphalt and metals. State-of-the-art laboratory facilities and mobile field laboratories for on-site testing are staffed with OSHA-safety trained field technicians available for routine "call-out" services on small projects and full-time quality control testing on large scale projects.

SESI technicians maintain nuclear safety certifications, ACI Concrete certification, and ALDOT concrete, asphalt and aggregate certifications.

Field Testing and Inspection

In addition to our laboratory testing facilities, SESI maintains a fully outfitted mobile field laboratory available for on-site testing. This allows our OSHA safety certified technicians to perform both call-out services on small projects or full-time quality control testing and inspection on major projects. The on-site testing lab offers a full range of services.

International Building Code (IBC) Special Inspections

Southern Earth Sciences, Inc. employs a team of registered professionals trained to provide IBC Special Inspections. Our team can provide comprehensive inspection services for multi-disciplined projects, large or small. Our inspection services can assist with compliance of project and IBC specifications. As many municipalities continue the transformation to require IBC Inspections, our qualified team is ready to meet the project challenges and inspection requirements.

SUBSURFACE EXPLORATION SERVICES

Cone Penetrometer Testing (CPT), Drilling & Site Investigation

Cone Penetration Testing (CPT), 5" Undisturbed Sampling, conventional SPT Testing, Macro Core, Ground Water Monitoring Wells, and Rock Coring are among our areas of expertise.

Our field crews have completed the Hazard Assessment and Response Management Course as required by 29 CFR 1910-120. Our field investigation equipment consists of the following:

Cone Penetrometer Testing Equipment:

- 20 Ton digital CPT – track-mounted with attached Geoprobe for soil sampling
- 20 Ton digital CPT – truck-mounted
- 2 - GeoProbe 6625's – track-mounted (CPT capability)

Drilling Equipment:

- BK-51 – track-mounted drill
- Diedrich D-50 drill on four-wheel drive vehicle
- CME-45 drill on four-wheel drive vehicle
- Diedrich D-50 track-mounted drill
- Diedrich D-50 drill – two-wheel drive

Marine Drilling and Sampling Equipment:

- 35 ft long x10 ft wide self-propelled shallow draft aluminum barge
- Barge Mounted Diedrich D-50 drill
- Barge Mounted Pneumatic Vibracore Sampler (15' continuous sampling)

Our auger drilling equipment allows for the advancement of borings and sampling utilizing hollow-stem auger, flight auger or mud-rotary techniques. Our drillers have over 100 years of experience in sampling as well as monitor well installations to depths over 200 feet including multi-case wells.

CPT technology provides high quality geotechnical and hydrogeological in-situ soil properties in real time to allow for quick evaluation of site conditions. Our rigs are enclosed for client and worker comfort as well as protection from the environment. Due to the real-time nature of the CPT, data may be emailed from the field to our engineers and clients expediting field decisions. All CPT field-testing procedures are performed in accordance with ASTM D 5778-95. Our track mounted rig also has the ability to grout the annular space of the CPT sounding following completion.

The two GeoProbe 6625 units utilize the traditional macro-core sampling as well as the dual-tube system that allows for the collection of soil and groundwater data at specific subsurface intervals as required by the project. Additionally, our units are capable of advancing a CPT with up to 20 tons of pushing capacity when anchored. The GeoProbe units are track-mounted for difficult access sites.

SESI maintains well installation licensing in states where required.

ENVIRONMENTAL SERVICES

Southern Earth Sciences, Inc. offers a full range of environmental services to ensure that state and federal environmental regulations and qualities are maintained. We can assist you in adhering to policies and maintaining compliance with regulatory agencies. SESI has the necessary resources to solve client issues with modern efficiency.

Site Assessments

SESI provides Environmental Site Assessment, Phase I, services to ensure sites meet EPA requirements for ALL Appropriate Inquiry which consider contamination from off-site sources and vapor intrusion. SESI can also collect and analyze soil and groundwater samples if required for a Phase II investigation.

Additional services under this category include: Water Quality Evaluation, Hydrogeological Services, Site Inspections, Stormwater/Industrial Discharge Compliance, Contamination Assessments, Remedial Actions and Risk Assessments.

Landfills & Solid Waste Management

SESI professionals are uniquely qualified to resolve landfill and hazardous waste issues. Our expertise in this area includes site selection and auditing, groundwater contamination testing, closure services for landfills and energy-to-steam facilities. Our team has participated in the design of several "Subtitle D" solid waste landfills.

In addition, our technology includes integrated computer graphics to create map displays, soil cross sections, boring logs and plume analysis which renders complete evaluation and reporting of landfill conditions available.

Underground Storage Tanks

SESI is approved by Alabama (ADEM), Florida (FDEQ) and Mississippi (DEQ) as a qualified Underground Storage Tank Contractor. This gives our experts the ability to assist clients in every area including site assessment and site planning, permitting, remediation and corrective action plans, and compliance with regulatory requirements.

Environmental Engineering & Consulting

Our engineers and geologists have a variety of specialty services to assist our clients in meeting project goals. Our services include: Wetlands Permitting, On-site Sewage Systems, Pond and Lake Design and Small Flow Wastewater Systems.

Asbestos/Lead

The SESI team of NIOSH certified asbestos professionals have extensive experience in this important discipline. Our laboratories have the capacity to test both bulk and air samples and provide monitoring and assessment information. All operations are supervised by a licensed asbestos consultant.

Asbestos/Lead Services: Site Assessments, Asbestos Survey Sampling, Abatement Planning, Laboratory Testing of Samples and Monitoring & Inspections.



SOUTHERN EARTH SCIENCES, INC. (SESI) WAS FOUNDED IN 1976 AND PROVIDES GEOTECHNICAL ENGINEERING, CONSTRUCTION MATERIALS TESTING, AND ENVIRONMENTAL SERVICES THROUGHOUT THE SOUTHEAST ON INDUSTRIAL, COMMERCIAL, AND GOVERNMENT PROJECTS.



Built on Strong Foundations

Southern Earth Sciences, Inc. (SESI) was founded in 1976 to provide the construction industry with complete geotechnical consulting and materials testing services. SESI has since grown to nine offices spanning three states and providing services throughout the southeast.

Established originally to provide innovative solutions to unusual foundation problems, our growth has expanded into virtually every aspect of geotechnical engineering, construction materials testing, and environmental consulting. Professional integrity and our commitment to excellence have resulted in the successful completion of thousands of significant projects. This proven record has inspired our clients' confidence and has sustained the company's continued growth.



Subsurface Investigations

SESI has extensive experience with Cone Penetration Testing (CPT), Vibracore, conventional SPT Testing, Macro Core and Rock Coring. To accompany these services, SESI has USACE Validated, AMRL Accredited and DEQ Qualified laboratories. Our equipment is mounted on a variety of versatile platforms including trucks, tracks, marsh buggies, barges, etc. to make access to difficult sites possible.

Geotechnical Engineering

SESI's diverse team of registered engineers and geologists routinely solve complex site issues through innovative foundation solutions.

Typical services include:

- High Strain Dynamic (PDA) Testing of Deep Pile Foundations
- Low Strain Non Destructive Sonic Echo/Impulse Response Pile Integrity Testing
- Slope Stability
- Shallow and Deep Foundation Systems Instrumentation



Construction Materials Testing

SESI testing laboratories are completely outfitted to perform ASTM and AASHTO testing of soils, concrete, asphalt and metals. Our laboratories hold certifications from the US Army Corps of Engineers, American Association of State Highway Transportation Officials (AASHTO), CMEC in Florida, and LDEQ in Louisiana. SESI employs highly-qualified, registered professionals trained to provide IBC Special Inspections.

Environmental Services

SESI offers a full range of environmental services to assist in ensuring that state and federal environmental regulations and qualities are maintained. Services include Site Assessments, Landfills & Solid Waste Management, Underground Storage Tanks contractor and Asbestos/Lead Services.



Our Qualifications

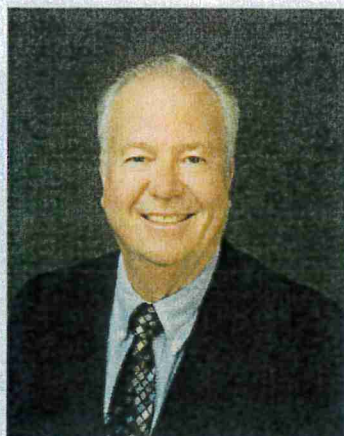
ADEM Approved | Alabama Department of Environmental Management
FDEP Approved | Florida Department of Environmental Protection Qualified Contractor
MDEQ Approved | Mississippi Department of Environmental Quality
NIOSH Certified | Asbestos
AASHTO Accredited | American Association of State Highways and Transportation Officials
CMEC Accredited | Construction Materials Testing
US Army Corps of Engineers Validated
FDOT Certified | Florida Department of Transportation



OFFICE LOCATIONS : LOUISIANA: BATON ROUGE, NEW ORLEANS, MANDEVILLE | ALABAMA: MOBILE, MONTGOMERY, SUMMERDALE | FLORIDA: DESTIN, PANAMA CITY, TALLAHASSEE

WWW.SOEARTH.COM

QUALITY *Geotechnical* **VALUE** *Construction Materials Testing* **INNOVATIVE SOLUTIONS** *Environmental*



KENNY MEYN, P.E.

BRANCH MANAGER

PROFILE

Mr. Meyn is the Louisiana Regional Manager for Southern Earth Sciences, Inc. He supervises three (3) welding Inspectors, ten (10) vibration Technicians, three (3) post tension Inspectors, fifteen (15) concrete Technicians, and two (2) roofing Inspectors. Reviews all related QA/QC reports and oversees any problem items which may arise during construction. Visits job sites regularly and attends preconstruction and during construction meetings on major projects.

Mr. Meyn also reviews and approves the Geotechnical Engineering Reports for the Mandeville, and Baton Rouge office locations. Mr. Meyn is directly involved in the geotechnical engineering, especially pertaining to construction considerations and deep foundation systems. Mr. Meyn has extensive experience with deep foundation systems in the New Orleans and North Shore areas as well as construction considerations pertaining to vibration and settlement issues.

OFFICE LOCATION

725 South Genois Street
New Orleans, LA 70119

INDUSTRY EXPERIENCE

- Firm: 35.5 years
- Other: 7 years

EDUCATION

- BS, Civil Engineering,
University of New Orleans

REGISTRATIONS

- Louisiana Professional
Engineer #24945

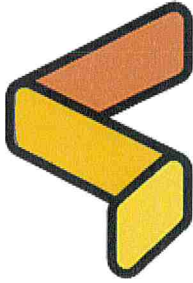
AFFILIATIONS

- National Society of
Professional Engineers
(NSPE)
- American Society of Civil
Engineers (ASCE)
- American Welding Society
- American Concrete Institute
- American Society of Testing
Materials
- International Association of
Corrosion Engineers
- American Institute of Steel
Construction

PROJECT EXPERIENCE

Kenny has provided engineering oversight for materials testing and inspection services on the following projects for the Archdiocese of New Orleans:

- St. Andrew the Apostle – welding inspection
- Codiffer Apartment Building – Demolition for St. Catherine
- St. Peter Catholic School
- Grotto – St. Agnes Thi Thanh Church
- St. Matthew the Apostle Church Improvements
- St. Scholastica Academy New Classroom Building
- St. Michael Special School – Alterations & Addition
- Crescent House Renovation
- Our Lady of Lourdes Roman Catholic Church
- Archbishop Rummel High School Improvements
- A Parish Life Center – St. Joachim
- New Unborn Child Memorial Pavilion at St. Francis Xavier Church
- St. Joan of Arc – New Parking Area
- Notre Dame Seminary – St. Joseph Hall Renovation
- St. Bernard Multi-Purpose and Storage Buildings
- Holy Ghost School & Cafeteria Renovations
- St. Joan of Arc – paving investigation
- Replacement of Villa Additions – Hwy 190 West
- Chateau De Notre Dame, Post Acute Rehab Facility
- Our Lady of Good Counsel Church & Rectory Renovation
- Transfiguration of the Lord Gymnasium
- St. Christopher Elementary
- Tulane Catholic Center
- St. David Catholic School Gym & Classroom replacement
- St. Benedicts Church Expansion



AASHTO
ACCREDITED

CERTIFICATE OF ACCREDITATION

AMERICAN ASSOCIATION
OF STATE HIGHWAY AND
TRANSPORTATION OFFICIALS

AASHTO

Southern Earth Sciences, Inc.

in

New Orleans, Louisiana, USA

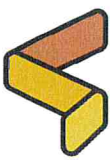
has demonstrated proficiency for the testing of construction materials and has conformed to the requirements established in AASHTO R 18 and the AASHTO Accreditation policies established by the AASHTO Committee on Materials and Pavements.

The scope of accreditation can be viewed on the Directory of AASHTO Accredited Laboratories (aashtoresource.org).


Jim Tymon,
AASHTO Executive Director


Moe Jamshidi,
AASHTO COMP Chair

This certificate was generated on 03/24/2022 at 1:10 PM Eastern Time. Please confirm the current accreditation status of this laboratory at aashtoresource.org/aap/accreditation-directory

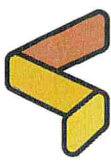


SCOPE OF AASHTO ACCREDITATION FOR:

Southern Earth Sciences, Inc.
in New Orleans, Louisiana, USA

Quality Management System

Standard:		Accredited Since:
R18	Establishing and Implementing a Quality System for Construction Materials Testing Laboratories	01/01/1994
C1077 (Aggregate)	Laboratories Testing Concrete and Concrete Aggregates	01/10/2011
C1077 (Concrete)	Laboratories Testing Concrete and Concrete Aggregates	06/30/2014
D3666 (Aggregate)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	01/10/2011
D3666 (Asphalt Mixture)	Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials	01/10/2011
D3740 (Soil)	Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction	01/10/2011
E329 (Aggregate)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	07/14/2016
E329 (Asphalt Mixture)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	01/10/2011
E329 (Concrete)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	12/05/2014
E329 (Soil)	Standard Specification for Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction	04/23/2012

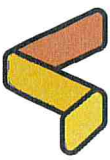


SCOPE OF AASHTO ACCREDITATION FOR:

Southern Earth Sciences, Inc.
in New Orleans, Louisiana, USA

Asphalt Mixture

Standard:		Accredited Since:
D2041	Maximum Specific Gravity of Hot Mix Asphalt Paving Mixtures	01/01/1994
D2726 (Cores)	Bulk Specific Gravity of Compacted Hot Mix Asphalt Using Saturated Surface-Dry Specimens (Cores)	06/09/2021
D5444	Mechanical Analysis of Extracted Aggregate	01/01/1994
D6307	Determining the Asphalt Content of Hot Mix Asphalt (HMA) by the Ignition Method	01/01/1994

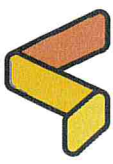


SCOPE OF AASHTO ACCREDITATION FOR:

Southern Earth Sciences, Inc.
in New Orleans, Louisiana, USA

Soil

Standard:	Accredited Since:
T100 Specific Gravity of Soils	06/09/2021
D421 Dry Preparation of Disturbed Soil and Soil Aggregate Samples for Test	01/01/1994
D698 The Moisture-Density Relations of Soils Using a 5.5 lb [2.5 kg] Rammer and a 12 in. [305 mm] Drop	01/01/1994
D1140 Amount of Material in Soils Finer than the No. 200 (75-µm) Sieve	01/01/1994
D1556 Density of Soil In-Place by the Sand Cone Method	01/01/1994
D1557 Moisture-Density Relations of Soils Using a 10 lb [4.54 kg] Rammer and an 18 in. [457 mm] Drop	01/01/1994
D2216 Laboratory Determination of Moisture Content of Soils	01/01/1994
D2487 Classification of Soils for Engineering Purposes (Unified Soil Classification System)	01/01/1994
D2974 Determination of Organic Content in Soils by Loss on Ignition	12/02/2011
D4318 Determining the Liquid Limit of Soils (Atterberg Limits)	01/01/1994
D4318 Plastic Limit of Soils (Atterberg Limits)	01/01/1994
D6938 In-Place Density and Moisture Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth)	01/01/1994



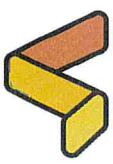
SCOPE OF AASHTO ACCREDITATION FOR:

Southern Earth Sciences, Inc.
in New Orleans, Louisiana, USA



Aggregate

Standard:	Accredited Since:
R76 Reducing Samples of Aggregate to Testing Size	12/23/2019
T11 Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	12/23/2019
T19 Bulk Density ("Unit Weight") and Voids in Aggregate	12/23/2019
T21 Organic Impurities in Fine Aggregates for Concrete	12/23/2019
T27 Sieve Analysis of Fine and Coarse Aggregates	12/23/2019
T84 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	12/23/2019
T85 Specific Gravity and Absorption of Coarse Aggregate	12/23/2019
T255 Total Moisture Content of Aggregate by Drying	12/23/2019
C29 Bulk Density ("Unit Weight") and Voids in Aggregate	01/01/1994
C40 Organic Impurities in Fine Aggregates for Concrete	01/01/1994
C88 Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate	07/28/2017
C117 Materials Finer Than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing	01/01/1994
C127 Specific Gravity and Absorption of Coarse Aggregate	01/01/1994
C128 Specific Gravity (Relative Density) and Absorption of Fine Aggregate	01/01/1994
C136 Sieve Analysis of Fine and Coarse Aggregates	01/01/1994
C566 Total Moisture Content of Aggregate by Drying	01/01/1994
C702 Reducing Samples of Aggregate to Testing Size	01/01/1994



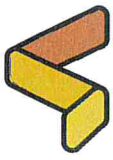
AASHTO
ACCREDITED

SCOPE OF AASHTO ACCREDITATION FOR:

Southern Earth Sciences, Inc.
in New Orleans, Louisiana, USA

Concrete

Standard:		Accredited Since:
M201	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	12/23/2019
R39	Making and Curing Concrete Test Specimens in the Laboratory	12/23/2019
R60	Sampling Freshly Mixed Concrete	12/23/2019
T22	Compressive Strength of Cylindrical Concrete Specimens	12/23/2019
T23	Making and Curing Concrete Test Specimens in the Field	12/23/2019
T24	Obtaining and Testing Drilled Cores and Sawed Beams of Concrete	12/23/2019
T97	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	12/23/2019
T119	Slump of Hydraulic Cement Concrete	12/23/2019
T121	Density (Unit Weight), Yield, and Air Content of Concrete	12/23/2019
T148	Measuring Thickness of Concrete Elements Using Drilled Concrete Cores	12/23/2019
T152	Air Content of Freshly Mixed Concrete by the Pressure Method	12/23/2019
T196	Air Content of Freshly Mixed Concrete by the Volumetric Method	12/23/2019
T198	Splitting Tensile Strength of Cylindrical Concrete Specimens	12/23/2019
T231 (12000 psi and below)	Capping Cylindrical Concrete Specimens	12/23/2019
T309	Temperature of Freshly Mixed Portland Cement Concrete	12/23/2019
C31	Making and Curing Concrete Test Specimens in the Field	01/01/1994
C39	Compressive Strength of Cylindrical Concrete Specimens	01/01/1994
C42	Obtaining and Testing Drilled Cores and Sawed Beams of Concrete	01/01/1994
C78	Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)	01/01/1994
C138	Density (Unit Weight), Yield, and Air Content of Concrete	01/01/1994
C143	Slump of Hydraulic Cement Concrete	01/01/1994
C172	Sampling Freshly Mixed Concrete	01/01/1994
C173	Air Content of Freshly Mixed Concrete by the Volumetric Method	01/01/1994

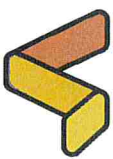


SCOPE OF AASHTO ACCREDITATION FOR:

Southern Earth Sciences, Inc.
in New Orleans, Louisiana, USA

Concrete (Continued)

Standard:		Accredited Since:
C174	Measuring Thickness of Concrete Elements Using Drilled Concrete Cores	01/01/1994
C192	Making and Curing Concrete Test Specimens in the Laboratory	01/01/1994
C231	Air Content of Freshly Mixed Concrete by the Pressure Method	01/01/1994
C496	Splitting Tensile Strength of Cylindrical Concrete Specimens	01/01/1994
C511	Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes	01/22/2013
C617 (12000 psi and below)	Capping Cylindrical Concrete Specimens	12/23/2019
C805	Rebound Number of Hardened Concrete	01/01/1994
C1064	Temperature of Freshly Mixed Portland Cement Concrete	01/01/1994
C1231 (12000 psi and below)	Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders	12/23/2019



SCOPE OF AASHTO ACCREDITATION FOR:

Southern Earth Sciences, Inc.
in New Orleans, Louisiana, USA

Masonry

Standard:

C511 Moist Cabinets, Moist Rooms, and Water Storage Tanks Used in the testing of Hydraulic Cements and Concretes
C1019 Sampling and Testing Grout

Accredited Since:

01/22/2013
01/22/2013



USACE CERTIFICATE
OF
LABORATORY VALIDATION

Southern Earth Sciences, Inc.

725 S. Genois Street
New Orleans, LA, United States
Ken Meyn
(504) 486-5595



ERDC
ENGINEER RESEARCH & DEVELOPMENT CENTER

has demonstrated, by abbreviated audit of its AASHTO accreditation, or by inspection of required records, equipment, procedures, facilities, and/or final reports, its proficiency to perform testing of construction materials, as established by the quality standards of AASHTO R 18 guidance and the requirements of the applicable ASTM standards.

**THIS USACE CERTIFICATE OF LABORATORY VALIDATION IS ACCURATE AS OF ITS DATE AND TIME OF
GENERATION:**

07 APR 2020 AT 13:06 HOURS

ALL METHODS LISTED ON THIS CERTIFICATE OF VALIDATION WILL EXPIRE ON 04/07/2022

PLEASE CONFIRM THE CURRENT VALIDATION STATUS OF THIS LABORATORY USING THE SEARCH FEATURE ON
OUR PUBLIC WEBSITE: <https://mtc.erdcdren.mil>

Chad A. Gartrell, PE, Director
USACE Materials Testing Center
Vicksburg, Mississippi, USA

AGGREGATE

Aggregate - C 29 - Opt - Unit Weight and Voids in Aggregate
Aggregate - C 40 - Opt - Organic Impurities
Aggregate - C 88 - Opt - Sulfate Soundness
Aggregate - C 117 - Req - Material Finer than 75 µm (No. 200) Sieve
Aggregate - C 127 - Req - Specific Gravity & Absorption in Coarse Aggregate
Aggregate - C 128 - Req - Specific Gravity & Absorption in Fine Aggregate
Aggregate - C 136 - Req - Sieve Analysis of Aggregates
Aggregate - C 566 - Opt - Total Moisture Content
Aggregate - C 702 - Opt - Reducing Samples to Testing Size
Aggregate - C 1077 - Opt - Concrete and Concrete Aggregate Testing Standards (Quality Standards)

BITUMINOUS

Bituminous - E 329 - Opt - Standard Specification for Agencies Engaged in Construction Inspection, Testing, or Special Inspection
Bituminous - D 2041 - Req - Theoretical Maximum Specific Gravity & Density (Rice)
Bituminous - D 2726 - Req - Bulk Specific Gravity and Density
Bituminous - D 3203 - Req - Percent Air Voids
Bituminous - D 3666 - Opt - Minimum Requirements for Agencies Testing and Inspecting Road and Paving Materials
Bituminous - D 5444 - Req - Mechanical Size Analysis of Extracted Aggregate
Bituminous - D 6307 - Req - Asphalt Content of Hot-Mix Asphalt by Ignition Method
Bituminous - D 6926 - Req - Preparation of Bituminous Specimens using Marshall
Bituminous - D 6927 - Req - Marshall Stability and Flow of Bituminous Mixtures

CONCRETE

Concrete - C 31 - Req - Making and Curing Test Specimens in the Field
Concrete - C 39 - Req - Compressive Strength of Cylindrical Specimens
Concrete - C 42 - Opt - Drilled Cores and Sawed Beams
Concrete - C 78 - Opt - Flexural Strength by Third Point Loading
Concrete - C 138 - Req - Unit Weight and Air Content by Gravimetric
Concrete - C 143 - Req - Slump
Concrete - C 172 - Req - Sampling
Concrete - C 173 - Req - Air Content by Volumetric ***required if C231 not performed***
Concrete - C 174 - Opt - Concrete Thickness by Drilled Cores
Concrete - C 192 - Opt - Making and Curing Test Specimens in Laboratory
Concrete - C 231 - Req - Air Content by Pressure ***required if C173 not performed***
Concrete - E 329 - Opt - Standard Specification for Agencies Engaged in Construction Inspection, Testing, or Special Inspection
Concrete - C 496 - Opt - Splitting Tensile Strength

Concrete - C 511 - Opt - Moist Cabinets, Moist Rooms, Water Storage Tanks
Concrete - C 617 - Opt - Capping Cylindrical Specimens
Concrete - C 805 - Opt - Rebound Number of Hardened Concrete
Concrete - C 1064 - Req - Temperature of Concrete
Concrete - C 1077 - Opt - Concrete and Concrete Aggregate Testing Standards (Quality Standards)
Concrete - C 1231 - Opt - Unbonded Caps

MASONRY

Masonry - C 511 - Opt - Mixing Rooms, Moist Cabinets, Cure Tanks
Masonry - C 1019 - Req - Sampling and Testing Grout

SOILS

Soils - D 421 - Req - Dry Preparation for Particle Size Distribution & Soil Constants
Soils - D 698 - Req - Compaction Characteristics by Standard Effort
Soils - D 1140 - Req - Material Finer than 75 μ m (No. 200) Sieve
Soils - D 1556 - Req - Density & Unit Weight by Sand Cone
Soils - D 1557 - Req - Compaction Characteristics by Modified Effort
Soils - D 2216 - Req - Water Content
Soils - D 2487 - Req - Classification of Soils
Soils - D 2974 - Req - Moisture, Ash, & Organic Matter of Peat & Other Organic Soils
Soils - D 3740 - Opt - Soil and Rock Testing Standards (Quality Standard)
Soils - D 4318 - Req - Liquid & Plastic Limits & Plasticity Index
Soils - D 6938 - Req - Density and Water Content by Shallow Depth Nuclear Method

Louisiana Professional Engineering and Land Surveying Board

License Information

The Louisiana Professional Engineering and Land Surveying Board has the following information on file:

Name: Mr. Kenneth John Meyn
Address: 725 South Genois Street
New Orleans, Louisiana 70119

License/Certificate Information

License	Status	First Issuance Date	Expiration Date	Listed Discipline(s)
PE.0024945	Active	06/30/1992	09/30/2022	Civil Engineer

[View Pocket Card](#)

If you need to change your contact information, click the link below to update your contact info online:
[Online Contact Info Update \(https://renewals.lapels.com/Activities/Listing.aspx?ID=40\)](https://renewals.lapels.com/Activities/Listing.aspx?ID=40)

Louisiana Professional Engineering and Land Surveying Board

The Louisiana Professional Engineering and Land Surveying Board has the following information on file:

Name: **Public Address:**

Southern Earth Sciences,
Inc.

P. O. Box 160745

Mobile, Alabama 36616

License/Certificate Information w/ Supervision

License	Status	First Issuance Date	Expiration Date	Supervisor(s)
EF.0003079	Active	01/13/2004	03/31/2024	Mr. Kenneth John Meyn # PE.0024945 - Active

[Print](#) [Close](#)

9643 Brookline Avenue | Suite 121 | Baton Rouge, LA 70809-1433
225-925-6291 | Fax 225-925-6292