

SPECIAL OFFERINGS

OPTICAL GAS IMAGING

Optical gas imaging (OGI) inspections can detect gas leaks for offshore and onshore sites by taking note of the different heat absorption/reflective nature of hydrocarbons-in-air versus background concentrations. A team of Sage engineers are available to train your staff to support OGI camera surveys in the Gulf of Mexico and beyond.

Sage utilizes FLIR GF320 infrared (IR) cameras for the following:

- Pre-Startup/Post-Shutdown and Turnarounds
- Routine Process Equipment Surveys
- Storage Tank Inspections
- Process Safety Management Hazard Identification
- Off-Shore Leak Detection Surveys
- Upstream Oil & Gas Monitoring Program Development
- Video Presentation and Storage of Leaking Equipment
- Alternative Work Practice (AWP) Program Development
- PSM Hazard Mitigation
- OGI Camera Training and Program Implementation

WET LAB FACILITY

The Sage WET Lab facility was recently acquired to provide whole effluent toxicity testing to support your pre-drill groundwater sampling or produced water testing needs. We help your well site or facility determine the best path forward to help optimize your strategy for regulatory compliance.

RECOGNITIONS IN O&G INDUSTRY

Winner of the 2013 West Coast Oil & Gas Awards "Health and Safety Initiative of the Year."

LOCATIONS

AND MANY MORE ON THE WAY!

ASHEVILLE

1006 North Fork Road
Marshall, NC 28753

ATLANTA

600 Chastain Road NW, Suite 320
Kennesaw, GA 30144

AUSTIN

4611 Bee Caves Road
Suite #100
Austin, TX 78746

BATON ROUGE

8440 Jefferson Highway, Suite 400
Baton Rouge, LA 70809

BEAUMONT

5550 Eastex Freeway, Suite G
Beaumont, TX 77708

CHICAGO

20 N. Wacker Drive, Suite 2825
Chicago, IL 60606

DALLAS

720 West Arapaho Road
Richardson, TX 75080

DENVER

1905 Sherman Street, #1010
Denver, CO 80203

GREEN BAY

W 6906 Number 2.5 Lane
Menominee, MI 49858

HOUSTON

12727 Featherwood Drive, #210
Houston, TX 77034

LAKE CHARLES

826 Ford Street
Lake Charles, LA 70601

LARAMIE

410 Grand Street, #303
Laramie, WY 82070

LOS ANGELES

117 Bay Shore
Long Beach, CA 90803

NEWARK

Regus Office Complex
30 Knightsbridge Road
Piscataway Township, NJ 08854

NEW ORLEANS

3525 N. Causeway Boulevard
Suite 902
Metairie, LA 70002

OKLAHOMA CITY (AQUATIC TOXICITY LAB)

832 NW 67th Street
Oklahoma City, OK 73116

PHILADELPHIA

535 North Church Street
West Chester, PA 19380

RICHMOND

2601 Swanhurst Drive
Midlothian, VA 23113

SAN DIEGO

506 West Vista Way
Vista, CA 92083

SAN FRANCISCO

18 Evergreen Drive
Orinda, CA 94563

ST. LOUIS

127 West Clinton Place
Kirkwood, MO 63122

OIL & GAS UPSTREAM/MIDSTREAM



SAGE

ENVIRONMENTAL CONSULTING

Friendly Service, No Surprises!®

Sage offers a broad range of specialty environmental services to support the Oil & Gas industry's need for operational flexibility while maintaining regulatory requirements.

We have the resources to turn the most challenging job into a manageable project and keep your facility in compliance.

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ABOUT SAGE**THE LEADER IN AIR QUALITY**

Founded in 1998, Sage Environmental Consulting provides air quality engineering and technical consulting services to support the upstream and midstream Oil & Gas Industry.

LIFE-CYCLE SUPPORT**PRE-DRILL ACTIVITIES**

- Strategic Due Diligence
- Environmental Site Assessments (Phase I and Phase II)
- Wetland Delineation
- Baseline Groundwater Sampling
- Waste Management Planning

**PRODUCTION OPERATIONS
(UPSTREAM & MIDSTREAM)**

- Air Permitting
- Water Discharge Permitting
- Waste Management
- SPCC Plan Development including Site Inspections
- Engine Compliance
- Leak Detection and Repair (LDAR) Monitoring
- Emission Inventory Reporting
- SARA Tier II Reporting
- Spill Management
- Water Toxicity Testing

DECOMMISSIONING AND REMEDIATION

- Remediation Assessments and Site Closure Support
- Rehabilitation/Restoration
- Asbestos/Mold/Lead Industrial Hygiene

OIL & GAS SERVICES**WHY SAGE?**

Sage has the industry specific knowledge, experience, and timeliness to support the regulatory needs, fast turnarounds, and operational flexibility required by upstream and midstream operations. Our consultants have years of professional, hands-on experience and understand your concerns: compliance, implementation, and value vs. cost.

AIR PERMITTING & COMPLIANCE

Sage identifies and obtains the necessary permits from small field production facilities to large compressor stations and gas plants:

- Air Permitting
 - Major Sources (PSD, Title V)
 - Minor Sources
- Leak Detection and Repair (LDAR)
 - NSPS KKK
- Greenhouse Gas (GHG) Reporting
- Storage Tank Support
 - NSPS OOOO
 - NSPS K Series
- Engines
 - NSPS JJJ
 - NSPS IIII
 - NESHAP ZZZZ
- Glycol Dehydrator Compliance
 - NESHAP HH/HHH

CONTACT US

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PROGRAM SUPPORT**GW, SOIL, WASTE MANAGEMENT**

Sage offers the removal of contaminants from impacted media for regulatory compliance, the general protection of human health and the environment, site reclamation, and liability reduction through the following:

- Soil and Groundwater Investigations
- Risk-Based Assessment and/or Closure
- Voluntary Cleanup Program and/or Innocent Landowner Applications
- SPCC Plans
- SWP3/Stormwater Compliance
- Biological Evaluations, Habitat Surveys, Wetlands Determination and Development
- National Environmental Policy Act Land Use Screenings
- Eligibility Reviews for Discharges into Impaired Water Bodies
- NPDES Permit Applications, Modifications, and Renewals
- RCRA Air Emissions (Subparts AA, BB, & CC)

DUE DILIGENCE

Sage understands the need for timeliness and flexibility in response to new discoveries in traditional oil fields and new shale plays and is available to meet your due diligence and environmental site assessment needs.

- ASTM E1527 Phase I and Phase II Site Assessments and Reports
- Remediation Assessments and Engineering Cost Analysis
- Business Acquisition or Divestiture Strategy Development
- Risk Reviews and Management Assessments
- Purchase & Sale Agreement - Negotiation Assistance