

ANALYTICAL CHEMISTRY LABORATORY

WHO WE ARE

TDI Brooks, along with our laboratory affiliate B&B Laboratories, maintain a state-of-the-art laboratory facility in College Station, Texas that provides high-quality analytical services and scientific interpretation.

Our environmental, geochemical, and geotechnical laboratories are staffed with highly skilled scientists and chemists who have worked in partnership with federal and state agencies as well as the private energy and environmental industry for over 25 years.



B&B
B&B Laboratories, Inc.
A TDI-Brooks Affiliate

ACCREDITATIONS

- ISO 9001:2015
- ISO/IEC 17025:2017

From determining trace contaminants in sediment, soils, tissue, and water to oil spill response, we take great pride in providing the highest quality trace-level organic chemical analyses for industries that require monitoring of analytes outside the scope and detection limits of typical regulatory methods.

WHAT WE PROVIDE

Since 1996, TDI Brooks has provided high-quality analytical services and scientific interpretation with our laboratory affiliate, B&B Laboratories, in the following areas:

- Environmental Chemistry
- Petroleum Chemistry
- Surface Geochemical Exploration
- Oil Spill Response
- Environmental Assessments



CONTACT US

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Rev 10/04/2022

ENVIRONMENTAL ANALYSIS

From determining trace contaminants in sediment, soils, tissue, and water to oil spill response, we specialize in the extraction and analysis of organic compounds in soils, sediment, and non-human tissue (i.e. fish, bivalves, bird eggs, blubber). Experienced scientists review the data to ensure that they are scientifically sound and exceed our customer's requirements and requests.

- * Polybrominated Diphenyl Ethers (PBDE, 51 congeners)
- * Polybrominated Biphenyls (PBB)
- * Butyltins (BTs)
- * Volatile Organic Compounds (VOCs)
- * Chlorinated Pesticides (OCs) (ISO17025 Accredited)
- * Polychlorinated Biphenyls (PCBs), Congeners and Homologs (ISO17025 Accredited)
- * Polycyclic Aromatic Hydrocarbons (PAHs) & Alkyl homologs (ISO17025 Accredited)
- * Saturated and Aromatic Biological Biomarkers
- * C9-C40 Aliphatic Hydrocarbons, Isoprenoids, & Total Petroleum Hydrocarbons (TPH) (ISO17025 Accredited)
- * Linear Alkyl Benzenes (LABs)
- * Poly- and Perfluoroalkyl Substances (PFAS) (ISO17025 Accredited)
- * Total Organic Carbon (TOC) in Water and Sediment (ISO17025 Accredited)
- * Caffeine and Sucralose (ISO17025 Accredited)



GEOCHEMICAL ANALYSIS

We take great pride in providing the highest quality trace-level geochemical analysis that goes above and beyond the capabilities and scope of typical regulatory methods offered by other laboratories.

Our methods are based on modified EPA methods that are performance-based and have been historically proven in numerous domestic and international programs over the past two decades.

- * Hydrocarbon Determination (C15-C36 Saturate Hydrocarbons)
- * Interstitial Headspace Gas Determination
- * Hydrocarbon Extraction
- * Total Scanning Fluorescence (TSF)
- * Carbon Isotope Analysis of Light Hydrocarbons



Heavily oil stained core sample



Gas hydrate fragment from oil stained core



Core outgassing due to presence of gas hydrates