



REMEDICATION TEST PANEL

One of the main challenges to successfully implementing in situ remediation is the need to cost-effectively collect and interpret data from multiple lines of evidence. In order to make this straightforward and uncomplicated, Pace has developed a Remediation Test Panel based upon EPA, ITRC and other guidance documents that consists of four data categories including:

Contaminant Concentrations - provided or confirmed by an 8260 or equivalent analysis of organic compounds.

Geochemical Setting - this information provides valuable insight regarding the possible modes of degradation across the site including data on groundwater gasses (carbon dioxide, methane, ethane, ethane, propane, propene, i & n butane and acetylene), anions (nitrate and sulfate), cations (ferrous iron and divalent manganese), total organic carbon and alkalinity.

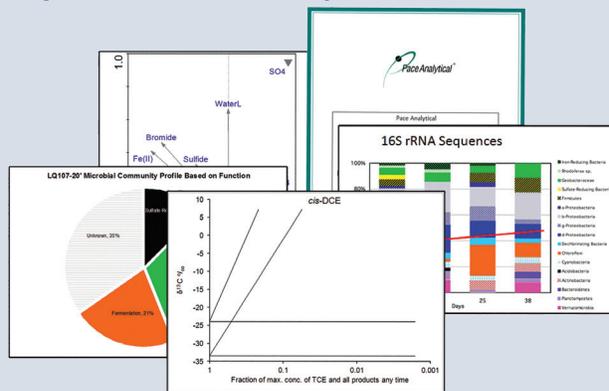
Microbial Test Array - evaluates the makeup of the microbial community to identify and determine if sufficient dechlorinators are present to support contaminant degradation at the site.

Compound Specific Isotope Analysis (CSIA) - when combined with contaminant concentrations CSIA can determine if dilution or degradation is taking place, if additional sources may be present, and can support an estimation of the degradation rate, while providing an isotopic mass balance.

The Pace Remediation Test Panel includes all of the above, answering your most critical site questions. With the addition of an Interpretive Report, you gain expert oversight of your data and the decisions you make to move your project forward.

Looking for answers to any of these questions regarding in situ remediation at your site?

- Which remediation strategy should be used?
- Are there multiple contaminant sources?
- Is the current remediation effort working?
- Will monitored natural attenuation be sufficient?
- Can monitoring be improved in terms of cost or effectiveness?
- Does the data support a transition from active treatment to MNA?
- Are additional lines of evidence needed to finalize closure?



Introductory Special: The list price for all of these analyses is over \$1,100/sample, but Pace is currently offering this complete test panel for only \$750. And during this introductory offer, if you submit 7 or more samples, we will include the comprehensive Interpretive Report and follow up consultation at no additional charge. Act now if you have a project in need of attention!



CSIA Center of Excellence
 220 William Pitt Way
 Pittsburgh, PA 15238
 P: 412.826.5425
 www.pacelabs.com



MN Corporate Headquarters
 1800 Elm Street SE
 Minneapolis, MN 55414
 P: 612.607.6400
 F: 612.607.6344