

Accelerated Characterization

Site

Site characterization techniques that can be used to generate near real-time information about the nature and extent of contamination at a site.

[Accelerated Site Characterization \(ASC-3\)](#)

Technology Description, page 5

This section describes the Site Characterization and Analysis Penetrometer System (SCAPS) Laser-Induced Fluorescence (LIF) technology. SCAPS-LIF is a real-time, in-situ, subsurface, field screening method for petroleum, oil and lubricants (POLs) that contain Polynuclear Aromatic Compounds (PNAs).

[Accelerated Site Characterization \(ASC-4\)](#)

Section 2 (Technology Description), page 2

This section describes the HydroSparge VOC Sensor and the Thermal Desorption VOC Sampler, in concert with an ion trap mass spectrometer (ITMS).

[Integrated DNAPL Site Characterization \(ISC-1\)](#)

Section 4.0 (Integrated DNAPL Site Characterization), page 53

Integrated site characterization is a process for improving the efficiency and effectiveness of characterization efforts at DNAPL sites.

[Petroleum Vapor Intrusion \(PVI-1\)](#)

Appendix G (Investigation Methods and Analysis Toolbox)

This section describes various sampling and analysis methods available for vapor intrusion investigations.