

Groundwater

Groundwater is located beneath the land's surface that can be impacted by contamination.

[1,4 Dioxane \(14DX-1\)](#)

Section 3 (Environmental Fate, Transport, and Investigative Strategies)

Discusses groundwater transport of 1,4-dioxane.

[Accelerated Site Characterization \(ASCT-1\)](#)

Section 3 (Direct Sensing)

Information about direct sensing as a groundwater profiling tool.

[Accelerated Site Characterization \(ASCT-1\)](#)

Section 4 (Borehole Geophysical)

Describes borehole geophysical tools and their ability to collect hydrogeologic data.

[Dense, nonaqueous-phase liquids \(DNAPLs-3\)](#)

Section 3.6 (Characterizing Groundwater and Source Water Chemicals)

Characterizing groundwater and source water chemical/fluid properties.

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

[Section 4.2.6 \(Evaluate Groundwater Chemical Signature Data\)](#)

Contains information about evaluating groundwater data using chemical signatures instead of chemical concentration.

[Table D-2a:](#) Comparison of single-well tests for hydraulic testing.

[Table D-6a:](#) Comparison of Discrete groundwater sampling tools.

[Table D-6d:](#) Comparison of multilevel sampling tools for groundwater sampling.

[Table D-8:](#) Comparison of chemical screening tools for groundwater sampling.

[Table D-10:](#) Comparison of stable isotopic and environmental

tracers for groundwater testing.

Section E.4: A description of hydrogeologic parameters that govern groundwater flow.

Section E.5.2: A short description of the value of multilevel monitoring for groundwater chemistry.

Section E.5.3: A description of geochemical parameters as used as water quality indicators.

Integrated DNAPL Site Strategy (IDSS-1)

Section 5.2.4 (Groundwater)

A description of groundwater monitoring programs and the components they should include.

Mass Flux (MASSFLUX-1)

Section 1 (Introduction)

The role of mass flux in contaminant transport in a groundwater plume.

Remediation Management of Complex Sites (RMCS-1)

Section 2.1.2 (Hydrogeologic Conditions)

Discusses the consideration of hydrogeologic conditions when creating a conceptual site model (CSM).

Vapor Intrusion (PVI-1)

Appendix G

Addresses groundwater sampling methods in relation to assessing vapor intrusion conditions.