

Diffusion/Passive Samplers

Diffusive/passive sampling technologies are designed to collect discrete environmental samples without an active collection technique, such as pumping or purging.

[Dense, Nonaqueous-Phase Liquids \(DNAPLs-5\)](#)

Subsection 4.2.2 (Decrease in Dissolved Concentration – Use of Passive Diffusion Bag Samplers)

Describes passive diffusion bag (PDB) sampling accuracy and cost-effective alternative to standard (or low-flow) purge-and-sample techniques for collecting dissolved VOC data at monitoring wells.

[Diffusion/Passive Samplers \(DSP-1\)](#)

Section 1 (Introduction)

Describes how water-filled passive diffusion bag (PDB) samplers are suitable for obtaining concentrations of a variety of volatile organic compounds (VOCs) in ground water at monitoring wells.

[Diffusion/Passive Samplers \(DSP-3\)](#)

[Section 1.3](#) comparison against other means of sampling, [Table 1-2](#) Sampling Comparison

Polyethylene diffusion bag (PDB) samplers are low-density polyethylene bags containing deionized water, used to collect water samples in groundwater wells for laboratory analyses of volatile organic compounds (VOCs).