

# Supporting Information

## Expanded Application of the Passive Flux Meter: In-situ Measurements of 1,4-Dioxane, Sulfate, Cr(VI) and RDX

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**Table S1.** Comparison of sorbent material tested.

<b>Resin</b>	<b>Polymeric Structure</b>	<b>Appearance</b>	<b>Functional Group</b>	<b>Exchange Capacity (eq/L)</b>	<b>Water Content (%)</b>	<b>Specific Gravity</b>
Ag-GAC	activated carbon	Granular	carbon	unknown	5	2.0
Purolite A500	Macroporous polystyrene cross-linked with divinylbenzene	Spherical beads	Type I Quaternary Ammonium	1.15	53-58	1.08
Purolite A300	Gel polystyrene crosslinked with divinylbenzene	Spherical Beads	Type II Quaternary Ammonium	1.4	40-45	1.09
Amberlite XAD16	Macroreticular aliphatic crosslinked polymer	White translucent beads	styrene-divinylbenzene	NA	62-70	1.02
Amberlite XAD4	Macroreticular crosslinked aromatic polymer	White translucent beads	styrene-divinylbenzene	NA	54-60	1.02
Amberlite DAX8	N/A	White translucent beads	styrene-divinylbenzene	NA	N/A	1.0