

WATER MATRIX PARAMETERS OF INTEREST	PRE-TREATMENT TECHNOLOGIES	PFAS TREATMENT TECHNOLOGIES	POST-TREATMENT TECHNOLOGIES	WASTE GENERATED	WASTE DISPOSITION ALTERNATIVES
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- TOC, COD
- TSS, TDS
- Salinity
- Biological activity
- Iron, manganese
- Other metals

- Filtration: multi-media, cartridge filter, bag filter
- Chemical addition
- Precipitation: aeration, flocculation
- Coagulation

- VOCs

- Air stripping with vapor treatment
- Adsorptive media
- In situ pre-treatment technologies
- Advanced oxidation

- SVOCs
- TPH-GRO and DRO(C6- C28)
- 1,4-dioxane
- Pesticides, Herbicides

- Adsorptive media
- In situ pre-treatment technologies
- Advanced oxidation

- FIELD-IMPLEMENTED TECHNOLOGIES (12.2)**
- GAC Adsorption (12.2.1.1)
 - Ion exchange (IX)-single use (12.2.1.2)
 - IX - Regenerable media (12.2.1.2)
 - Reverse osmosis (RO) (12.2.2)

- DEVELOPING TECHNOLOGIES (12.5)**
- Single-use sorbents (12.5.1)
 - Regenerable sorbents (12.5.1)
 - Liquid-Liquid foam fractionation (12.5.7)

- FIELD-IMPLEMENTED TECHNOLOGIES**
- GAC or IX polishing (12.2.2.1, 12.2.1.2)

- DEVELOPING TECHNOLOGIES**
- Single-use sorbents (12.5.1)
 - Regenerable sorbents (12.5.1)

- Filter material, media, cartridges, bags
- Precipitates, Flocs

- GAC
- Sludge
- Liquid wastes
- PFAS containing remediation/solid wastes

- CURRENT TECHNOLOGIES**
- Waste disposal (12.3.2, 12.6.2)
 - Incineration, where permitted (12.4)
 - GAC reactivation, if allowed (12.2.1.1)

- DEVELOPING TECHNOLOGIES**
- Redox manipulation (12.5.4)
 - Plasma (12.5.4.8)
 - Electrochemical Oxidation (12.5.4.6)
 - Sonolysis (12.5.4.4)

LEGEND

- Water Path
- Waste Path
- (12.2.1.1) Section reference

