

### Barrier Dimensions:

Length ft  
 Width ft  
 Thickness ft Top ft bgs Bottom ft bgs  
 Attached site map with MWs and PSB location? Yes No

### Hydrogeology:

Attached well logs of target thickness? Yes No  
 Seepage Velocity avg (ft/day) low (ft/day) high (ft/day)  
 Darcy Velocity avg (ft/day) low (ft/day) high (ft/day)  
 Velocity determination methods:  
 Velocity data and example calc attached?  
 Total Porosity %  
 Effective Porosity %  
 Soil Type  
 Gradient ft/ft  
 Soil foc % estimation method

### Influent Target PFAS, Top 10 Concentrations (method 1633):

Compound	Min (ng/l)	Av. (ng/l)	Max (ng/l)	Effluent Target Conc (ng/l)	Estimated Flux (ng/m <sup>2</sup> /day)
PFOS					
PFOA					
PFHxS					
PFNA					
HFPO-DA					
PFBS					

### Influent Target PFAS, Top 10 Concentrations (method 1633):

Compound	Min (ng/l)	Av. (ng/l)	Max (ng/l)	Effluent Target Conc (ng/l)	Estimated Flux (ng/m <sup>2</sup> /day)
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Add Flux data if available                      mg/(m<sup>2</sup>\*d)

### Influent Non Target PFAS, Top 5 Concentrations (method 1633):

Compound	Min (ng/l)	Av. (ng/l)	Max (ng/l)	Estimated Flux (ng/m <sup>2</sup> /day)
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### Competitive Adsorption Other Organic Compounds in Groundwater

Compound	Av. (ug/l)	Max (ug/l)	Effluent Target Conc (ug/l)
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BTEX

TPH

PCE

TCE

TICs

Add Flux data if available                      mg/(m<sup>2</sup>\*d)

### Competitive Adsorption Other Organic Compounds in Soil

Compound	Av. (ug/l)	Max (ug/l)	Soil Target Conc (ug/l)
BTEX			
TPH			
PCE			
TCE			
TICs			

### Compleitive Adsorption Other Parameters

Total Organic Carbon	mg/l
Dissolved Organic Carbon	mg/l
Groundwater Ionic Strength	mol/l
Electrical Conductivity	S/m
Total Dissolved Solids	mg/l
pH	

### Longevity

PSB Longevity Requirements	Years	
Any changes expected in upgradient flux?	Yes	No

### Notes:

PFAS	Per and polyfluoroalkyl substances
PFAA	Perfluoroalkyl acids
Method 1633	40 PFAS analytes
Ionic Strength	Is a measure of the concentration of ions in a solution, effectively quantifying the total ionic activity.
TICs	TICs are tentatively identified compounds based on molecular weights and other spectral characteristics observed during laboratory analysis.
Foc	Fractional Organic Carbon, the portion of the organic matter that is available to adsorb the organic contaminants of concern.