

WaterMatrix™ Treatment Systems

Product Data

Portable treatment systems designed to remove suspended solids from water by chemical flocculation, settling, and tertiary filtration.

Treatment Applications

- 1) Stormwater from construction sites
- 2) Turbid water generated by construction in rivers, streams, and lakes.
- 3) Any turbid water with initial suspended solids concentrations less than 5000 ppm for which greater than 90% removal is the goal.

Treatment Systems

InterfaceH2O provides the following systems to accommodate overlapping ranges of treatment flows.

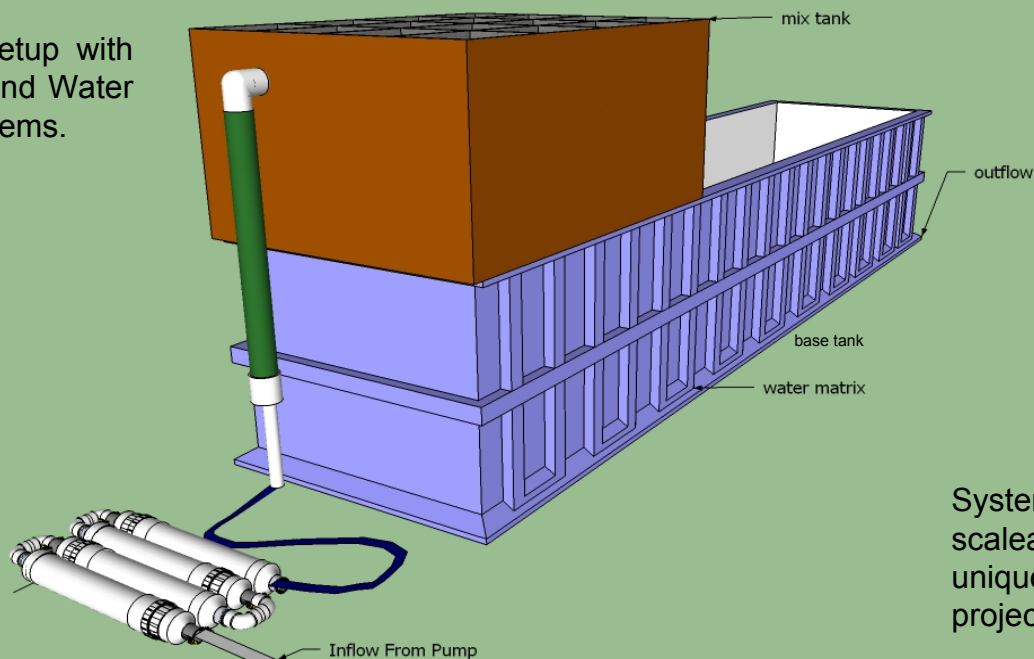
Unit A: 250 to 1000 gpm

Unit B: 100 to 500 gpm

Unit C: 50 to 400 gpm




Example setup with Floc Hog and Water Matrix Systems.



Systems are scalable to meet the unique needs of each project.

Specifications

WATERMATRIX	Unit A	Unit B	Unit C
BASE TANK			
Length	38'	38'	24'
Width	8'5"	8'5"	8'5"
Height	6'6"	6'6"	5'1"
Weight (empty)	12,000 lbs	12,000 lbs	10,000 lbs
Capacity	14,800 gal	14,800 gal	8,500 gal
MIX TANK			
Length	10'	5'6"	5'6"
Width	8'5"	8'5"	8'5"
Height	5'4"	3'8"	3'8"
Weight (empty)	2000 lbs	1800 lbs	1800 lbs
Capacity	3000 gal	2400 gal	2400 gal
TREATMENT RATE	250 to 1000 gpm	100 to 500 gpm	50 to 400 gpm
FLOC HOGS	2 to 7	1 to 4	1 to 3
FILTRATION			
Removable Gates	14 - 6'x8'	14 - 6'x8'	None
Powered Roller System	N/A	N/A	110AC / 12DC automatic filter advancement system.
Transportation	Sliding Axle Trailer	Sliding Axle Trailer	Roll Off / Hook Cable
FLOC HOG			
Length	6'		
Diameter	8"		
Weight (empty)	40 lbs		
Capacity	4 – 10 lb Floc Logs		
Flow Rate	50 to 500 GPM		
REQUIREMENTS			
Pump	Centrifugal or diaphragm dewatering pumps with 2" to 8" discharges.		
Connections	4" camlock are the standard fittings. Adapters for larger or smaller couplings must be supplied by user.		
Hose	4" hose with standard camlock fittings or proper diameter hose with adapter couplings to make connections		
Floc Logs	Provided after water testing and sampling is completed.		

