

## Aqua-Swirl Worksheet

Project Information		Specifier Information	
Project Name: _____	Designer's Name: _____		
Location (City, State): _____	Design Firm: _____		
Site Use (circle one):    Residential    Commerical    Industrial    Other	Address: _____		
Site Plan Attached: <input type="checkbox"/> YES <input type="checkbox"/> NO	City, State, Zip: _____		
Pollutants (TSS, Floatable Debris, oils/grease, TP, etc.): _____	Phone: _____		
AutoCAD Version: _____	Fax: _____		
Date Submitted: _____	E-mail: _____		

## Specifications

Unit Label or Manhole Number	AquaShield™ Model	Design Flow Rate		Inlet/Outlet Pipe			Rim Elevation	Drainage Area Info				Traffic Loads
		Water Quality Treatment Flow <sup>1</sup> (cfs - L/s)	Peak Design Flow <sup>2</sup> (cfs - L/s)	Size (ID) (in - mm)	Invert Elevation (ft - m )	Pipe Material Type	Finish Grade Elevation (ft - m)	Area (acres - ha)	Incoming Slope (%)	Runoff Coefficient C	Estimated Groundwater Elevation (ft - m)	Is the system subject to H-20 loadings? Yes or No

**Special Site Conditions or Requirements:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

How did you learn  
about Aqua-Shield™ ? \_\_\_\_\_

**Please provide copy of Site Plans showing orientation**

(1) Water Quality Treatment Flow is prescribed by local regulatory agencies to achieve full treatment of specific amount of stormwater.

(2) Peak Design Flow refers to maximum calculated flow for an outfall or recurrence interval (10-yr, 25-yr event)

**Specifier's Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_



**Bowman**  
Construction  
Supply Inc.



**Quick**  
Supply Co.



**Cascade**  
GEOSYNTHETICS

## LOCATIONS & CONTACT INFO

### ASP ENTERPRISES

aspent.com  
salesasp@aspent.com

### BOWMAN CONSTRUCTION SUPPLY

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### QUICK SUPPLY CO.

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salesquick@quicksupplyco.com

### CASCADE GEOSYNTHETICS

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**St. Louis, MO** 636.343.4357  
**Omaha, NE** 402.861.8579  
**Kansas City, MO** 816.554.1191  
**Wichita, KS** 316.393.1554

**Denver, CO** 303.696.8960  
**Colorado Springs, CO** 719.257.7840  
**Loveland, CO** 970.535.0863

**Des Moines, IA**  
515.289.1271

**Portland, OR**  
971.339.1020

## SOLUTIONS WE SUPPLY

### GEOSYNTHETICS

Filter Fabrics

Stabilization Fabrics

Geogrids

- Road Grids
- Wall Grids
- Slope Stabilization

Specialty Fabrics

Composite Geomembranes

- GCLs, PVC, HDPE, LLDPE, EPDM, Granular Bentonite

### SEDIMENT CONTROL

Inlet Protection

- Grated Inlet, Curb Inlet, Area Inlet Protection

Ditch Checks

- Triangle Silt Dike
- GeoRidge

Perimeter Protection

- High and Low-Porosity Silt Fence, Straw Wattles, Silt Socks
- Safety Fence

Flocculants & Water Treatment

- Polymer-Based & Natural Flocculants

Sediment Basin Skimmers

Dewatering Bags

Trackout Control

- FODS
- Rumble Grates

Turbidity Curtains

### EROSION CONTROL

Basic Hydraulically Applied Mulches

- Wood
- Paper
- Blends
- Straw

High-Performance Hydraulically

Applied Products

- BFM
- FGM
- Additives & Tackifiers

Temporary Erosion Control Blankets

- Coir & Jute Mat/Nettings
- Short-Term ECBs
- Extended-Term ECBs

Permanent Erosion Control Blankets

- Turf Reinforcement Mats
- HP-TRMs
- Anchor Reinforced Vegetation System

Structural BMPs

- Transition Mats
- Geoweb Cellular Confinement
- Composite Vegetated Armor System
- Flex MSE Vegetated Wall System
- Articulated Concrete Block
- Gabions
- Grout-Filled Geotextile Mats

Vegetation Establishment

- Native Seed & Turf Seed
- Fertilizers
- Organic Soil Additives
- Stratavault Soil Cells

### STORMWATER MANAGEMENT

Water Quality

- Inlet Filter Boxes
- Pre-Treatment Chamber
- Nutrient Separating Baffle Boxes
- High-Flow Biofiltration Media
- Hydrodynamic Separators
- Stratavault

Water Quantity

- Modular Underground Storage Systems
- Chamber Detention Systems

Drainage

- HDPE Swale Liner
- Pipe & Fittings
- Drainage Composites
- Strip Drain

Inlet Structures

- PVC
- Drain Basins, In-Line Drains
- Landscape

Permeable Pavers

- Permeable Articulating Concrete Block
- Grass Pavers
- Gravel Pavers
- Concrete Pavers

### SPECIALTY

Natural & Synthetic Coir Fiber Logs

Vegetated Reinforced Soil Slopes

Soil Anchors

Root Barrier System

AquaBlok

Muscle Wall

We are full line distributors of construction materials for all project types. Contact us for assistance with a project. From specification and development to installation and completion, we're here to help with all of your site solution needs.

**GEOSYNTHETICS | EROSION CONTROL | STORMWATER MANAGEMENT  
SEDIMENT CONTROL | REVEGETATION & SOIL AMENDMENTS**