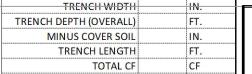


NOTES:

- 1. THE CUTOFF TRENCH DIMENSIONS SHALL BE DIRECTED BY THE ENGINEER AND DEPICTED ON THE CONSTRUCTION DRAWINGS.
- 2. WHEN EXCAVATING ANY TYPE OF TRENCH, ALL PRECAUTIONS AND PROTECTIVE SYSTEMS REQUIRED BY THE OCCUPATIONAL HEALTH AND SAFETY ADMINISTRATION MUST BE EMPLOYED.
- 3. NO MORE TRENCH LENGTH SHOULD BE EXCAVATED THAN CAN BE FEASIBLY BACKFILLED AND COVERED WITHIN ONE DAY.
- TRENCHES WIDER THAN 12 INCHES ARE RECOMMENDED FOR COMPOSITE BENTONITE AGGREGATE (AQUABLOK) PLACEMENT IN LIFTS OF 12 INCHES OR
 MORE IN DEPTH.
- 5. THE TRENCH DEPTH SHOULD EXTEND A MINIMUM OF 12 INCHES VERTICALLY INTO LOW PERMEABILITY RESIDUAL SOIL.
- 6. SOIL COVER ABOVE TRENCH TO FINISH GRADE SHALL BE DIRECTED BY ENGINEER, WITH 6 IN. TO 12 IN. RECOMMENDED.
- 7. SEE "DAM / LEVEE ENHANCEMENT" APPLICATION TECH SHEET BY AQUABLOK, LTD. FOR MORE INFORMATION.



FT.

TONS

TOTAL CY

TONS (TCF X 0.0425)

QUANTITY SCHEDULE

AquaBlok

175 WOODLAND AVE. SWANTON, OHIO 43558 419-825-1325 www.aquablok.com

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CUTOFF (CORE) TRENCH DETAIL FOR SEEPAGE CONTROL/ENHANCEMENT OF LEVEES/DAMS

 PROJECT NO.:
 AQB105
 SUBMITTAL DATE:
 FEBRUARY 2021

 CAD DWG FILE:
 AQB105.100.0037
 PLOT DATE:
 2/12/2021









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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

- 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 Ouantity

- · 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

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