OVERALL PRE-CONSTRUCTION SITE STORMWATER MANAGEMENT PLAN
FOR
FAIRVIEW CAMPUS
SEDIMENT & STORMWATER MANAGEMENT PLANS
APPOQUINIMINK HUNDRED - NEW CASTLE COUNTY
DELAWARE
PLACE TEMPORARY BERM AT TBD AS SHOWN AND PER DETAIL TO DIVERT RUNOFF TO ST#2

INSTALL STORMWATER MATING-BOUNCE (STMB-01) WHERE SHOWN. SDW-1 AMERICAN EXCELSIOR CURLEX 1 OR APPROVED EQUIVALENT (TYP.)

SEGMENT TARP #2 DRAINAGE AREA = 10.36 ACRES

IF Dewatering is required, pump to a geotextile bag (see detail on sheet CE-10)

MATCH LINE SEE SHEET CE-05

MATCH LINE SEE SHEET CE-06

MATCH LINE SEE SHEET CE-07

FOLLOW HALL ROADS MESHENT TRANSPORTING MATERIAL ACROSS THE SITE

SEED TEMPORARY BERM AT TBD AS SHOWN AND PER DETAIL TO DIVERT RUNOFF TO ST#2

PROPOSED LIMIT OF DISTURBANCE (LOD) 78.16 ACRES

SEGMENT TARP #1

TYPE: RST
D.A.: 10.36 AC
VOLUME REQUIRED: 37,060 CF
VOLUME PROVIDED: 45,526 CF
CHANNEL WIDTH: 26.0
EMBANKMENT HT.: 3.0
EMBANKMENT WIDTH: 4.0
T.O.B.: 29.0
CHANNEL DEPTH: 2.0
WEIR LENGTH: 12
CLEARWAT ETU.: 23.0
(SEE DETAIL ON SHEET CE-10)

USE A GEOTEXTILE Dewatering BAG (GB) AS NEEDED TO DRAIN SEDIMENT LADER WATER FROM SEDIMENT TARP (SEE DETAIL ON SHEET CE-10)
Sediment Trap A2
Type: RST
DA: 6.64 AC
Volume Required: 23,760 CF
Volume Provided: 24,051 CF
Channel Invert: 33.8
Embankment HS: 2.7
Embankment Width: 4'
T.D.L.: 36.0
Channel Depth: 1.7'
Neck Length: 14'
Cleardown Elev.: 34.9
(See details on sheet CE-10)

Install Stabilization Matting/Soilcrete (SRM-10) where shown. SRM-1 American Excluder Turfflex 1 or Approved Equivalent (Typ.)

Contractor to remove old temporary berms and traps as directed by Onsite Inspector (Typ.)

Follow haul roads whenever transporting material across the site.
CONTRACTOR TO REMOVE OLD TEMPORARY BERM AND TRAPS AS DIRECTED BY DNR INSPECTOR (TYP)

SEDIMENT TRAP #2
DRAINAGE AREA = 11.36 ACRES

SEEDED RAPID MOW TO CONTROL EROSION PT.2

PLACE TEMPORARY BERM A1 (TYP) AS SHOWN AND PER DETAIL TO DIVERT RUNOFF TO STP4

PLACE STABILIZED CONSTRUCTION II: BERM AS SHOWN AND PER DETAIL AND LOCATE CONSTRUCTION TRAILER WITH STONE STORAGE AREA

PROPOSED LIMIT OF DISTURBANCE (LOD)
79.14 ACRES

FOLLOW AND MAINTAIN TRANSPORTING MATERIAL ACROSS THE SITE

IF CONSTRUCTION IS REQUIRED, PUMP TO A DEDICATED BAG SEE DETAIL ON SHEET CE-10

SEED IN THE AREA PER DETAIL