



- STORMWATER MANAGEMENT FACILITIES**
1. **MAINTENANCE:** THE CHESTER COUNTY PARK AND RECREATION DEPARTMENT WILL BE RESPONSIBLE FOR THE MAINTENANCE AND REPAIR OF ANY STORMWATER MANAGEMENT COLLECTION, CONVEYANCE, AND/OR INFILTRATION FACILITY LOCATED ON THE SITE.
 - 1.1. **VEGETATED SWALE:**
 - 1.1.1. MOW AND TRIM VEGETATION TO ENSURE SAFETY, AESTHETICS, PROPER SWALE OPERATION, OR TO SUPPRESS WEEDS AND INVASIVE VEGETATION; DISPOSE OF CUTTINGS IN A LOCAL COMPOSTING FACILITY; MOW ONLY WHEN SWALE IS DRY TO AVOID RUTTING.
 - 1.1.2. PLANT ALTERNATIVE GRASS SPECIES IN THE EVENT OF UNSUCCESSFUL ESTABLISHMENT.
 - 1.1.3. RESEED BARE AREAS; INSTALL APPROPRIATE EROSION CONTROL MEASURES WHEN NATIVE SOIL IS EXPOSED OR EROSION CHANNELS ARE FORMING.
 - 1.1.4. ROTOTILL AND REPLANT SWALE IF DRAW DOWN TIME IS MORE THAN 48 HOURS.
 - 1.1.5. INSPECT AND CORRECT CHECK DAMS WHEN SIGNS OF ALTERED FLOW (CHANNELIZATION, OBSTRUCTIONS, EROSION, ETC.) ARE IDENTIFIED.
 - 1.1.6. WATER DURING DRY PERIODS, FERTILIZE, AND APPLY PESTICIDE ONLY WHEN ABSOLUTELY NECESSARY.
 - 1.2. **BIORETENTION GARDENS:**
 - 1.2.1. WHILE VEGETATION IS BEING ESTABLISHED, PRUNING AND WEEDING MAY BE REQUIRED. DETRITUS MAY ALSO NEED TO BE REMOVED EVERY YEAR. PERENNIAL PLANTINGS MAY BE CUT DOWN AT THE END OF THE GROWING SEASON.
 - 1.2.2. MULCH SHOULD BE RE-SPREAD WHEN EROSION IS EVIDENT AND BE REPLENISHED AS NEEDED. ONCE EVERY 2 TO 3 YEARS THE ENTIRE AREA MAY REQUIRE MULCH REPLACEMENT.
 - 1.2.3. DURING PERIODS OF EXTENDED DROUGHT, BIORETENTION AREAS MAY REQUIRE WATERING.
 2. **INSPECTION:** ALL STORMWATER MANAGEMENT AND WATER QUALITY FACILITIES SHALL BE INSPECTED BY THE COUNTY ANNUALLY AND AFTER ALL MAJOR STORM EVENTS. ANNUAL INSPECTION SHALL, AT A MINIMUM, INCLUDE:
 - 2.1. **VEGETATED SWALE:**
 - 2.1.1. INSPECT AND CORRECT EROSION PROBLEMS, DAMAGE TO VEGETATION, AND SEDIMENT AND DEBRIS ACCUMULATION (ADDRESS WHEN >3 INCHES AT ANY SPOT OR COVERING VEGETATION)
 - 2.1.2. INSPECT VEGETATION ON SIDE SLOPES FOR EROSION AND FORMATION OF RILLS OR GULLIES, CORRECT AS NEEDED.
 - 2.1.3. INSPECT FOR POOLS OF STANDING WATER; DEWATER AND DISCHARGE TO AN APPROVED LOCATION AND RESTORE TO DESIGN GRADE.
 - 2.1.4. INSPECT FOR LITTER; REMOVE PRIOR TO MOWING.
 - 2.1.5. INSPECT FOR UNIFORMITY IN CROSS-SECTION AND LOGITUDINAL SLOPE. CORRECT AS NEEDED.
 - 2.1.6. INSPECT SWALE INLET AND OUTLET FOR SIGNS OF EROSION OR BLOCKAGE, CORRECT AS NEEDED.
 - 2.2. **BIORETENTION GARDENS:**
 - 2.2.1. SHOULD BE INSPECTED AT LEAST TWO TIMES PER YEAR FOR SEDIMENT BUILDUP, EROSION, VEGETATIVE CONDITIONS, ETC.
 - 2.2.2. TREES AND SHRUBS SHOULD BE INSPECTED TWICE PER YEAR TO EVALUATE HEALTH.

NO.	DATE	REVISION
1	05/22/09	PER MEETING WITH CCCD

ENGINEER

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**WARWICK COUNTY PARK – PHASE I
SITE IMPROVEMENTS**

WARWICK TOWNSHIP
CHESTER COUNTY, PENNSYLVANIA

**POST CONSTRUCTION STORMWATER
MANAGEMENT PLAN**

JOB NO: 4748-10-01	DATE: 03/27/09
SCALE: 1"=40'	SHEET: 10 OF 10

LEGEND

- ⊙ TEST PIT LOCATION
- ⊕ PERC HOLE LOCATION

APPLICANT:
 CHESTER COUNTY PARKS & RECREATION DEPARTMENT
 JO-EL M. MIKOWYCHOK
 601 WESTOAK ROAD, SUITE 160
 P.O. BOX 2747
 WEST CHESTER, PA
 19380-0990

CALL BEFORE YOU DIG!
 PENNSYLVANIA LAW REQUIRES
 3 WORKING DAYS NOTICE FOR
 CONSTRUCTION PHASE AND 10 WORKING
 DAYS IN DESIGN STAGE – STOP CALL

Pennsylvania One Call System, Inc.
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