

Plan Set

RIDEM Request for Preliminary
Determination Application
Date Issued: 06/29/2018

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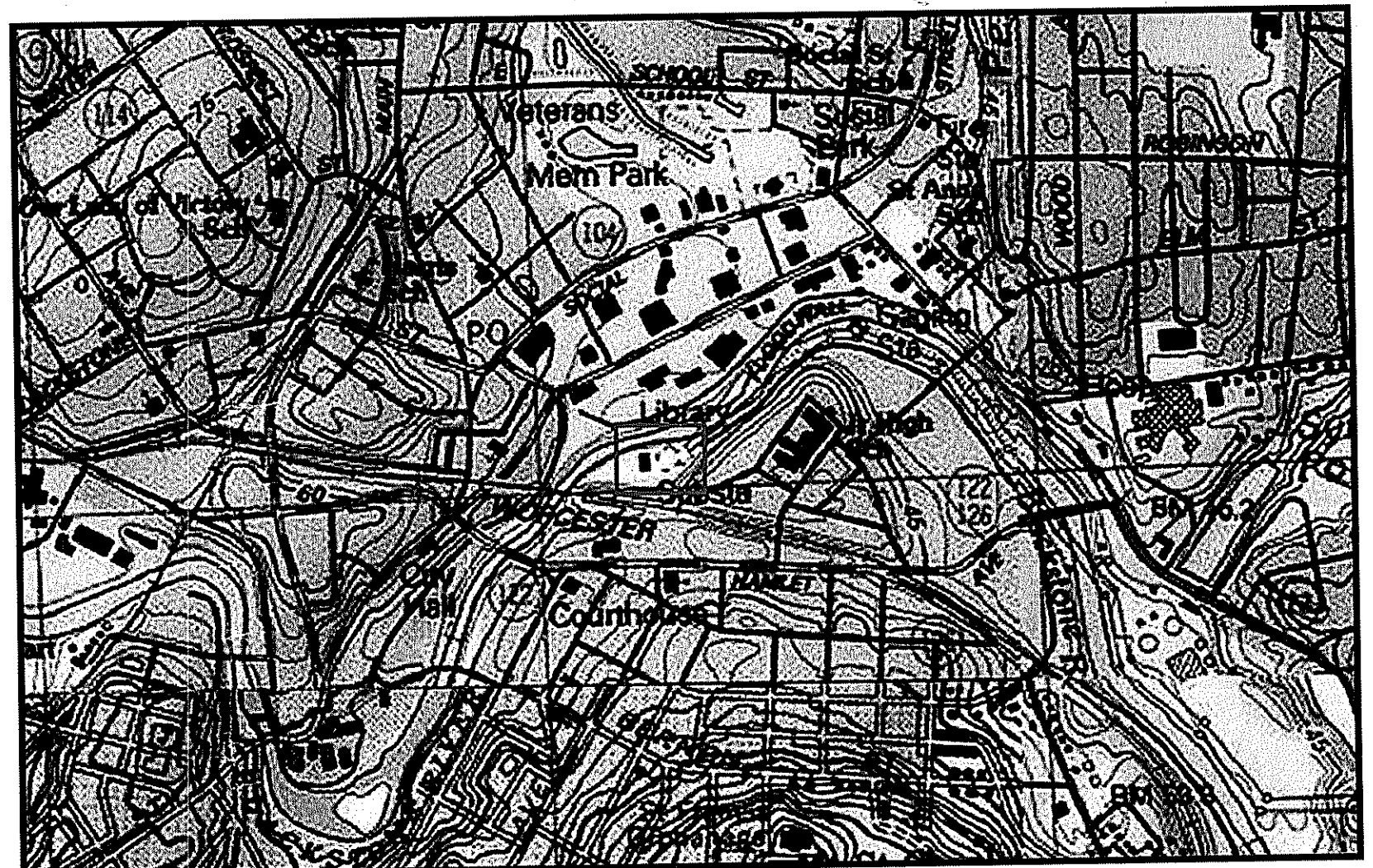
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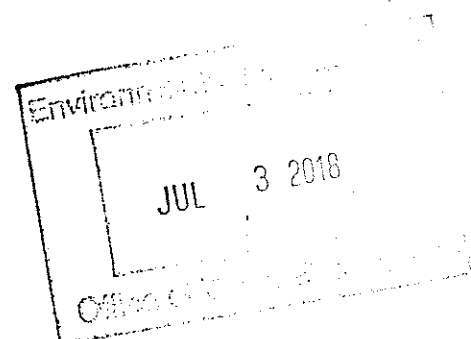
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF WATER RESOURCES
FRESHWATER WETLANDS PROGRAM
APPROVED WITH CONDITIONS
AS SPECIFIED IN THE LETTER OF APPROVAL
DATED AUG 21 2018 FILE # 18-0168
NO CHANGES ALLOWED WITHOUT PRIOR APPROVAL
APPROVED PLANS MUST BE AT CONSTRUCTION SITE
Janet S. Wenczek

H17 Circuit Protection System Upgrades Riverside Substation No. 108

Woonsocket, Rhode Island



Site Location Map

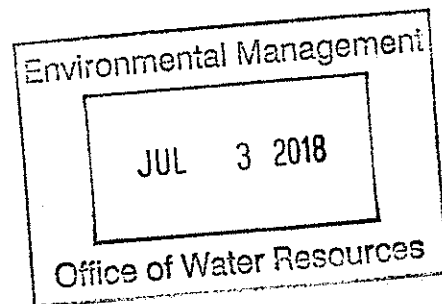


**EXISTING CONDITIONS INFORMATION:
REFERENCES:**

1. PROPERTY LINE BASED ON WOONSOCKET PARCEL BOUNDARIES PROVIDED BY RIGIS. PROPERTY LINES ARE APPROXIMATE AND INTENDED TO BE A GRAPHICAL REPRESENTATION. THIS SHALL NOT BE CONSTRUED TO REPRESENT AN ACTUAL BOUNDARY SURVEY AND IS SUBJECT TO SUCH CHANGES AS AN ACCURATE BOUNDARY SURVEY MAY DISCLOSE.

2. THIS SURVEY CONFORMS TO A CLASS IV STANDARD AS DEFINED IN THE PROCEDURAL AND TECHNICAL STANDARDS FOR PERFORMING LAND SURVEYING IN THE STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS.

3. NEAREST STREET INTERSECTION IS WITH HAMLET AVENUE 0.5 MILES SOUTHEAST OF THE SITE.



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Christopher D. Wencek

EROSION AND SEDIMENT CONTROL NOTES:

1. PRIOR TO STARTING ANY SITE WORK, THE CONTRACTOR SHALL NOTIFY APPROPRIATE AGENCIES AND SHALL INSTALL EROSION CONTROL MEASURES AS SHOWN ON THE PLANS AND AS IDENTIFIED IN FEDERAL, STATE AND LOCAL APPROVAL DOCUMENTS PERTAINING TO THIS PROJECT.

2. IN AREAS WHERE HIGH RUNOFF VELOCITIES OR HIGH SEDIMENT LOADS ARE EXPECTED, TWO LINES OF COMPOST FILTER SOCKS WILL BE INSTALLED BACK TO BACK.

3. THE CRUSHED STONE YARD WILL FUNCTION AS A STABILIZED CONSTRUCTION ENTRANCE/EXIT.

4. ONCE WORK IS COMPLETE, FINAL SURFACE TREATMENT CONSISTING OF CRUSHED STONE OR STRAW OR CELLULOSE MULCH WILL BE APPLIED TO STABILIZE THE DISTURBED AREAS AS APPROPRIATE TO RESTORE THE AREAS TO THEIR PRE-CONSTRUCTION CONDITION. ANY SOIL DISTURBANCE ASSOCIATED WITH EQUIPMENT ACCESS TO STRUCTURES OR STRUCTURE EXCAVATIONS SHOULD BE MULCHED WITH STRAW ON ALL DISTURBED AREAS AS SOON AS POSSIBLE BUT NOT MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT AREA HAS TEMPORARILY OR PERMANENTLY CEASED.

5. IN ACCORDANCE WITH THE RIPDES GENERAL PERMIT, ALL STORMWATER CONTROL MEASURES, DISTURBED AREAS, AREAS USED FOR THE STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION (INCLUDING UNSTABILIZED SOIL STOCKPILES), DISCHARGE LOCATIONS AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE, AS OUTLINED IN PART IV OF THIS PERMIT, MUST BE INSPECTED BY OR UNDER THE SUPERVISION OF THE APPLICANT AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN TWENTY-FOUR (24) HOURS AFTER ANY STORM EVENT WHICH GENERATES AT LEAST 0.25 INCHES OF RAINFALL PER TWENTY-FOUR (24) HOUR PERIOD AND/OR AFTER A SIGNIFICANT AMOUNT OF RUNOFF. SUCH AREAS SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE WATERS OF THE STATE OR A SEPARATE STORM SEWER SYSTEM. ALL BMPs SHALL BE MAINTAINED TO PREVENT UNCONTROLLED RELEASES OF MEASURABLE AMOUNTS OF SEDIMENT OR SEDIMENT LADEN WATER FROM TRAVELING BEYOND THE LIMITS OF DISTURBANCE.

6. SEDIMENT SHALL BE REMOVED FROM BEHIND BARRIERS IF GREATER THAN 6 INCHES DEEP OR AS NEEDED.

7. DAMAGED OR DETERIORATED EROSION/SEDIMENTATION CONTROL ITEMS WILL BE REPAIRED IMMEDIATELY AFTER IDENTIFICATION.

8. EROSION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL ALL DISTURBED EARTH HAS BEEN SECURELY STABILIZED. ONCE THE SITE IS STABILIZED, THE STRAW BALES WILL BE REMOVED OR BROKEN UP AND SPREAD AS MULCH. ALL OTHER CONTROLS SHALL BE REMOVED AND PROPERLY DISPOSED OF BY THE CONTRACTOR.

9. IN THE EVENT OF A FUEL SPILL OR EQUIPMENT MALFUNCTION RESULTING IN A RELEASE OF HAZARDOUS MATERIAL, ALL WORK WILL BE STOPPED IN THIS AREA UNTIL THE RELEASE/SPILL IS CLEANED UP.

10. EQUIPMENT USED FOR CONSTRUCTION WILL BE PROPERLY MAINTAINED AND OPERATED TO REDUCE THE CHANCES OF SPILL OCCURRENCES OF PETROLEUM PRODUCTS. REFUELING OF EQUIPMENT WILL BE REQUIRED TO CARRY SPILL CONTAINMENT AND PREVENTION DEVICES (I.E., ABSORBENT PADS, CLEAN UP RAGS, FIVE GALLON CONTAINERS, ABSORBENT MATERIAL, ETC.) AT ALL TIMES. IN ADDITION, MAINTENANCE EQUIPMENT AND REPLACEMENT PARTS FOR CONSTRUCTION EQUIPMENT WILL BE ON HAND TO REPAIR FAILURES AND STOP A SPILL IN THE EVENT OF EQUIPMENT MALFUNCTION.

11. ANY HAZARDOUS WASTE SPILLS SHALL BE CLEANED UP IMMEDIATELY, AND IF THE SPILL AMOUNT IS EQUAL TO OR EXCEEDS THE EPA REPORTABLE QUANTITY (RQ) FOR THAT SUBSTANCE IN ACCORDANCE WITH 40 CFR PARTS 1010, 117, OR 302, THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE NATIONAL RESPONSE CENTER AT 1-800-424-8802. THE CONTRACTOR WILL ALSO BE RESPONSIBLE FOR SUBMITTING IN WRITING A DESCRIPTION OF THE RELEASE TO THE EPA REGIONAL OFFICE AND RIDEM PROVIDING THE DATE AND CIRCUMSTANCES OF THE RELEASE AND THE STEPS TO BE TAKEN TO PREVENT ANOTHER RELEASE. DIRECTIONS FOR CLEANING UP SPILLS SHALL BE CLEARLY POSTED AT A DESIGNATED ON-SITE LOCATION, AND CONSTRUCTION PERSONNEL SHALL BE MADE AWARE OF THE PROCEDURES AND LOCATION OF CLEANUP SUPPLIES. PERSONNEL SHALL WEAR APPROPRIATE PROTECTIVE GEAR AND HAVE PROPER TRAINING TO PREVENT INJURY FROM CONTACT WITH ANY HAZARDOUS SUBSTANCES.

12. NO GRADE CHANGES ARE PROPOSED.

Not to Scale

**H17 CIRCUIT PROTECTION SYSTEM UPGRADES
RIVERSIDE SUBSTATION NO.108**

Notes

Woonsocket, Rhode Island

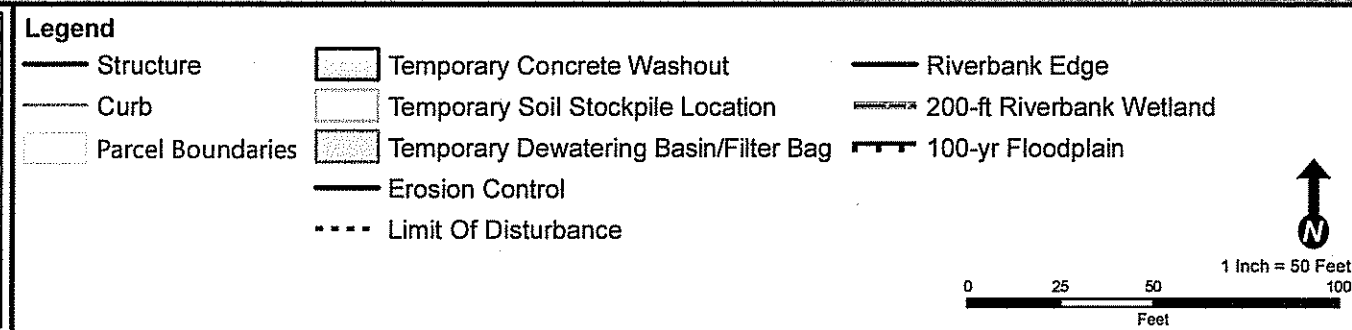
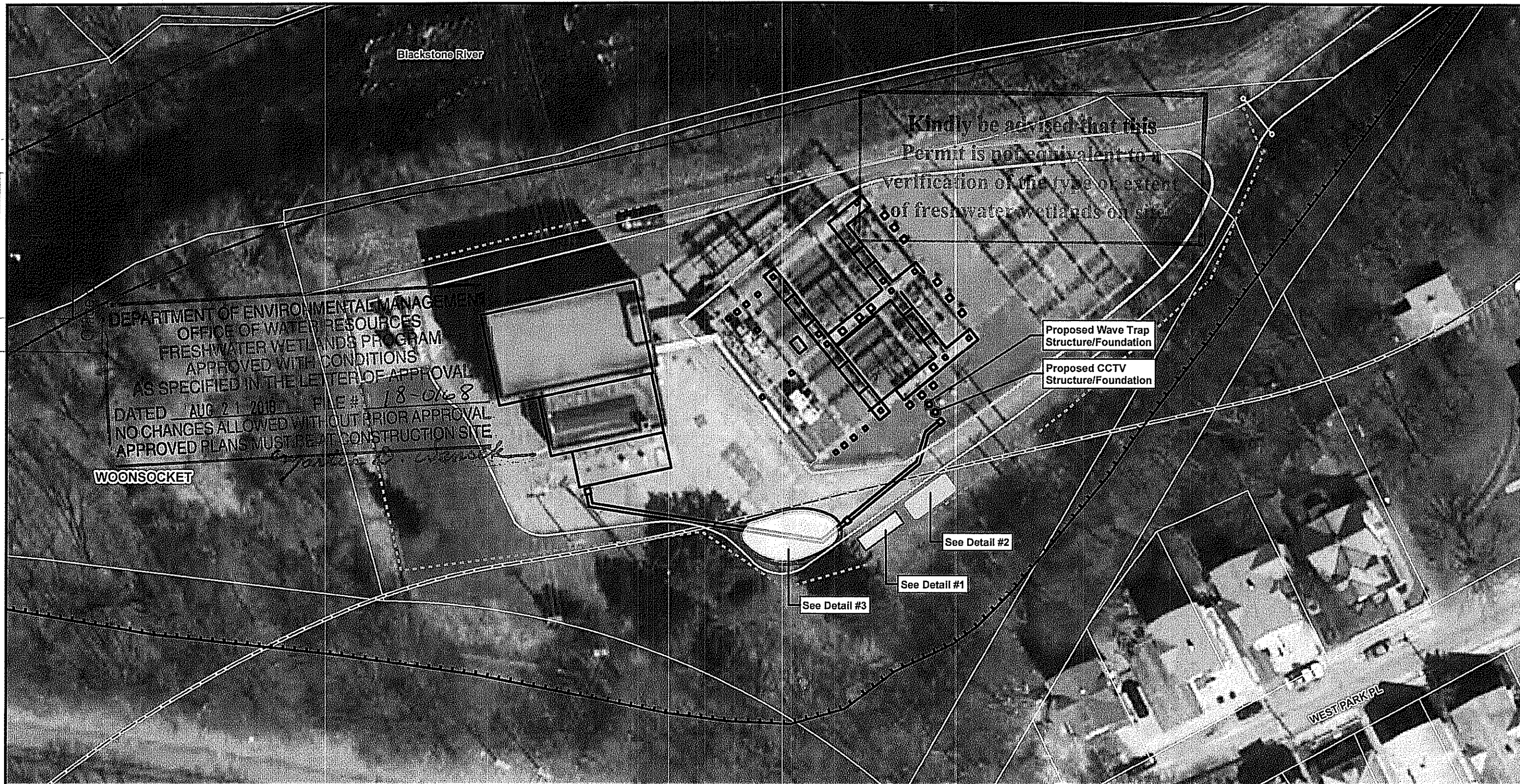
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Source: VHB, RIGIS

nationalgrid



Environmental Management



H17 CIRCUIT PROTECTION SYSTEM UPGRADES
RIVERSIDE SUBSTATION NO. 108
Soil Erosion and Sediment Control Plan

Woonsocket, Rhode Island

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Source: RIGIS, National Grid, VHB

Date: 6/29/2018

nationalgrid

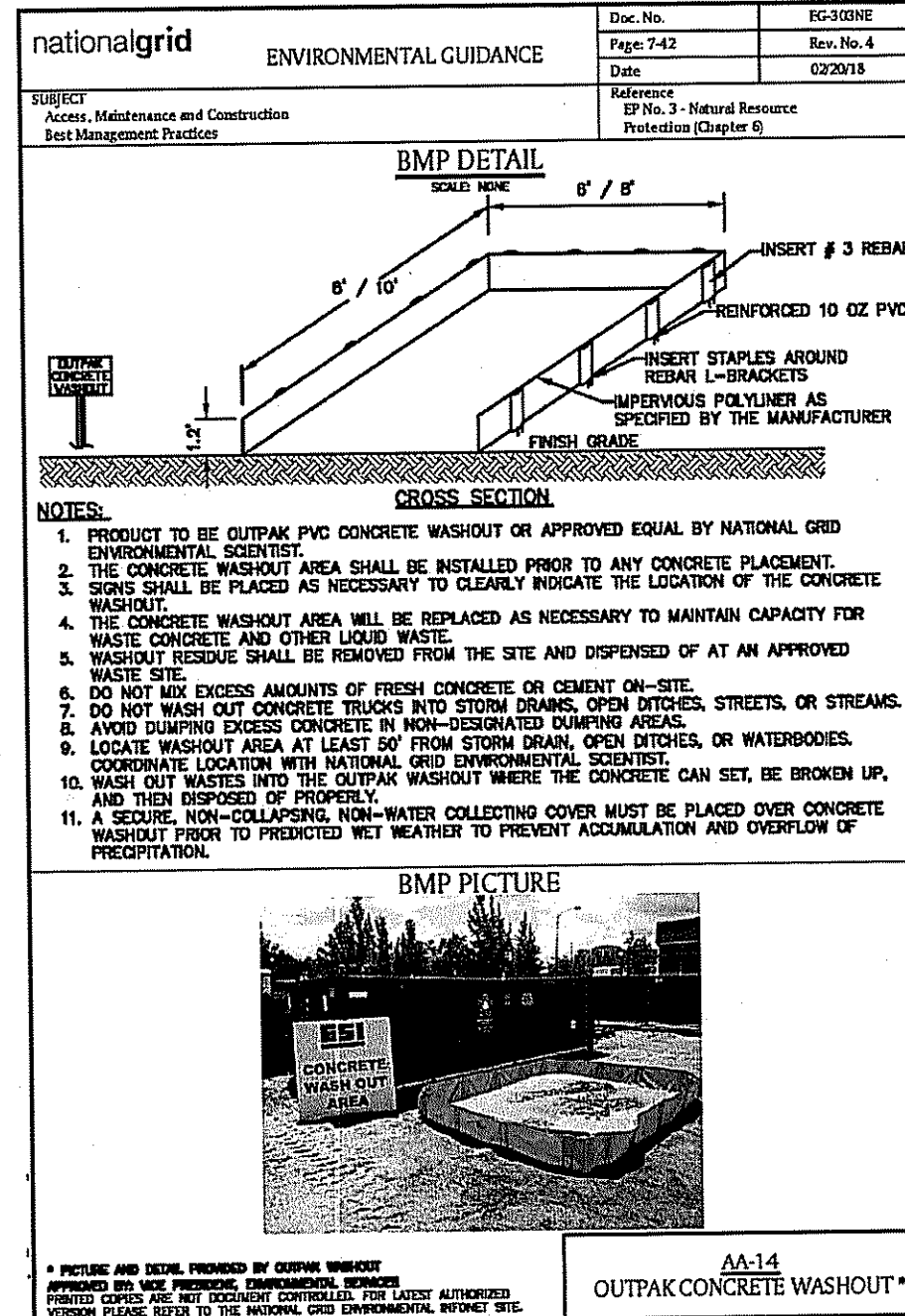
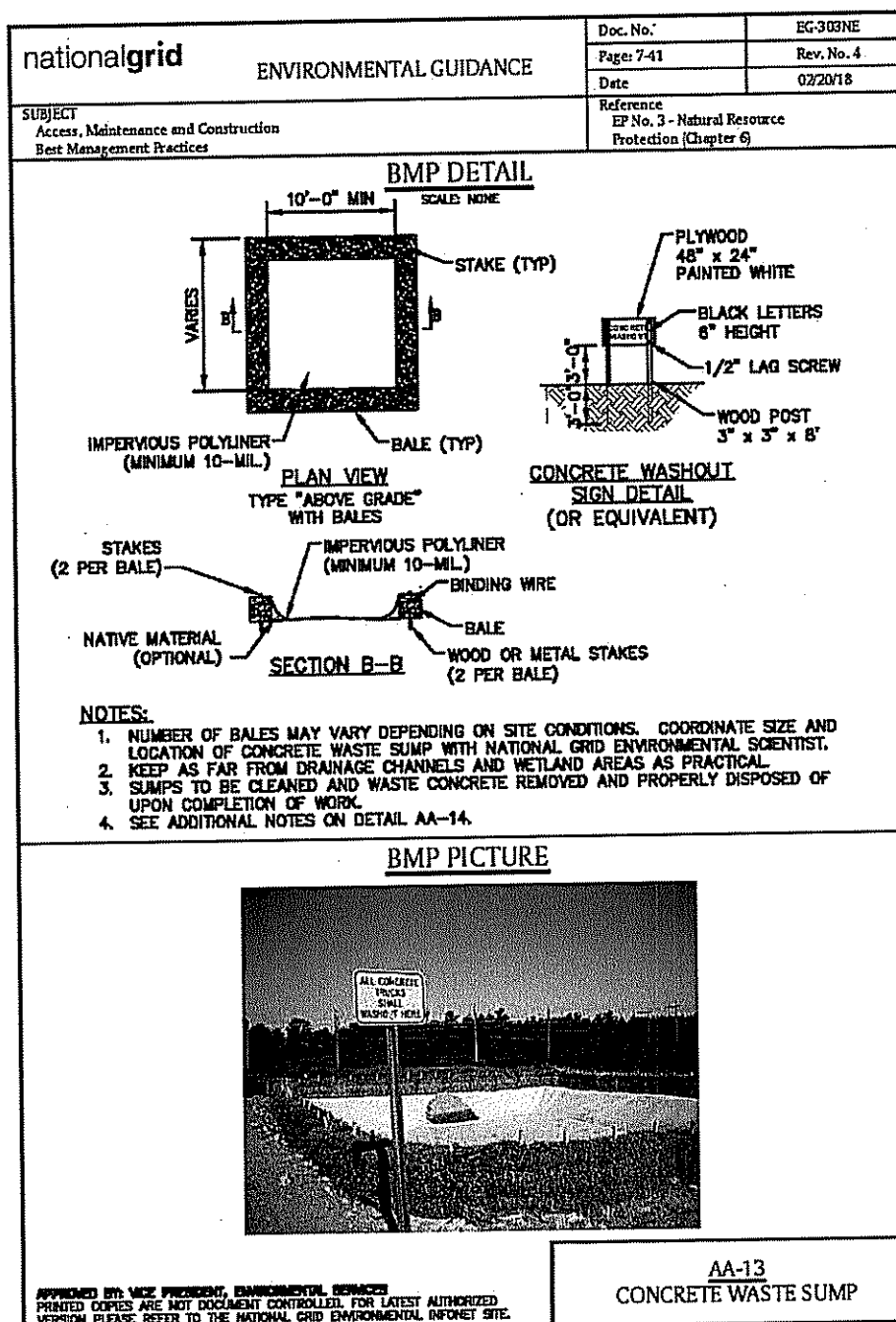


Environmental Management

JUL 3 2018

Office of Water Resources

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Detail #1

**H17 CIRCUIT PROTECTION SYSTEM UPGRADES
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DETAILS**

WOONSOCKET, RHODE ISLAND
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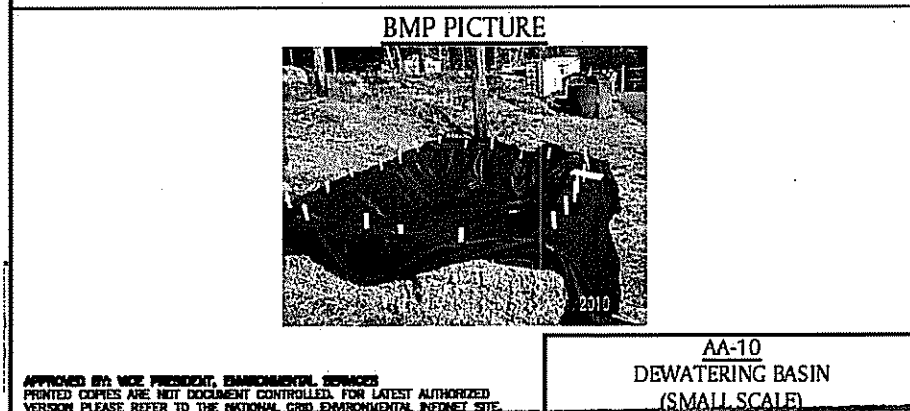
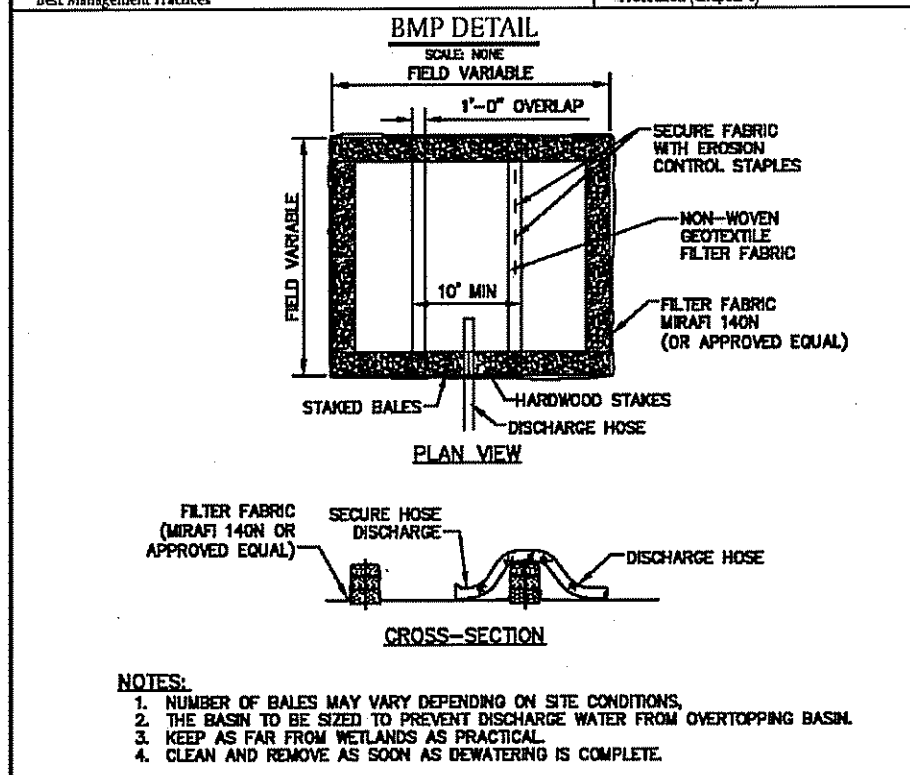
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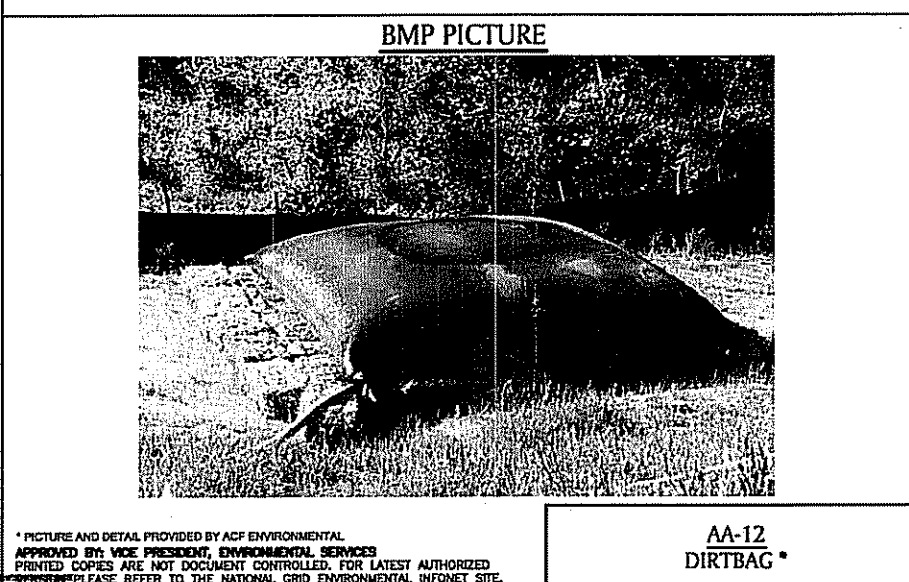
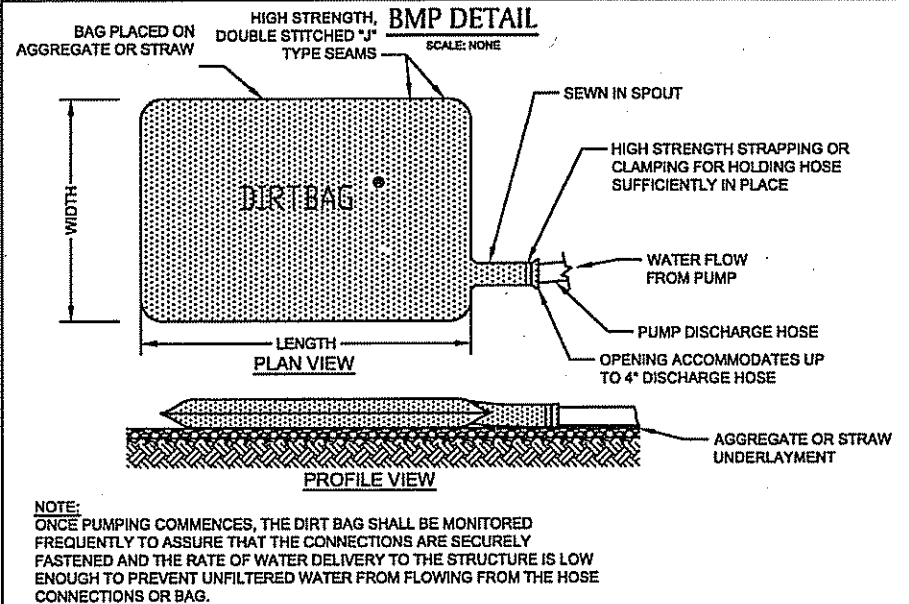
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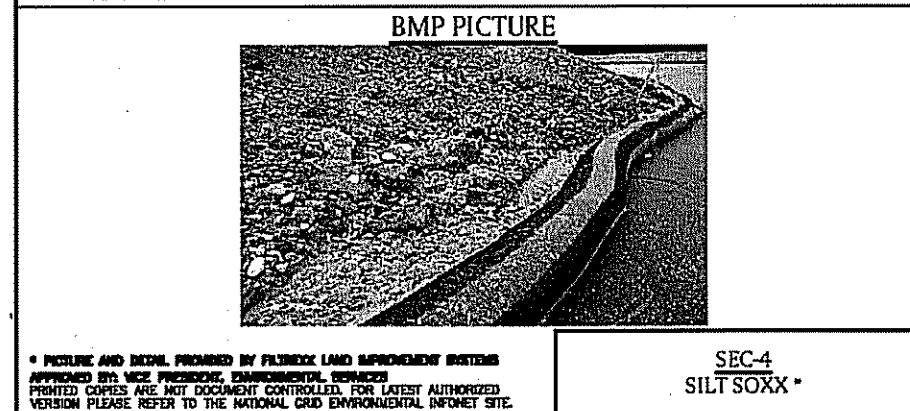
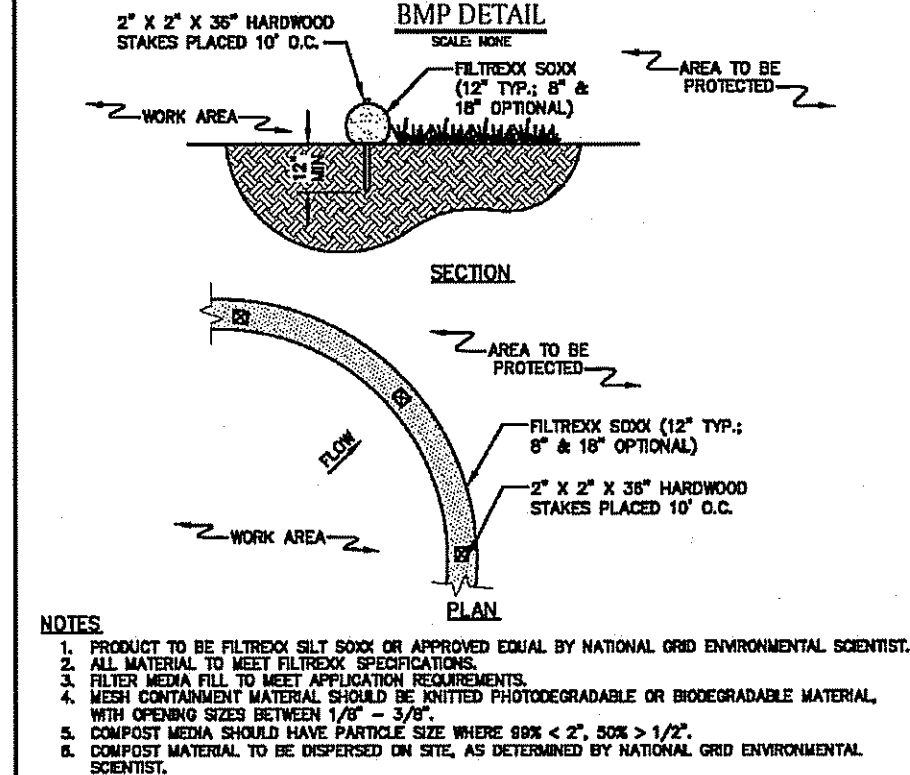
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	Page: 7-38	Rev. No. 4
	Date	02/20/18
	Reference	EP No. 3 - Natural Resource Protection (Chapter 6)



nationalgrid ENVIRONMENTAL GUIDANCE	Doc. No.	EG-303NE
	Page: 7-39	Rev. No. 4
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