

**Battery Cabinet with Concrete Pad Installation – Leicester**  
**Substation No. 21**  
**Request for Determination of Applicability**

**49 Peter Salem Road, Leicester, MA**

**Town of Leicester  
Conservation Commission  
June 2018**

Prepared for:

New England Power Company d/b/a National Grid  
40 Sylvan Road  
Waltham, MA 02451

BSC Project No. 89574.96



June 27, 2018

Town of Leicester Conservation Commission  
ATTN: Steve Parretti, Chairperson  
3 Washburn Square  
Leicester, MA 01524

RE:           **Request for Determination of Applicability**  
              **Battery Cabinet with Concrete Pad Installation**  
              **Leicester Substation No. 21**  
              **49 Peter Salem Road**  
              **Leicester, MA**  
              **New England Power Company**

Dear Chairperson Parretti and Conservation Commission Members:

On behalf of New England Power Company d/b/a National Grid (NEP), BSC Group, Inc. (BSC) is pleased to submit this Request for Determination of Applicability (RDA) under the Town of Leicester Wetlands Protection Bylaw only for the installation of one new battery cabinet and supporting concrete slab foundation within the existing Leicester Substation No. 21 located at 49 Peter Salem Road in Leicester, MA (the Project). Please refer to the enclosed USGS Site Locus and Environmental Resources Map in Attachment B for the Project location. All proposed work will occur within the existing substation yard.

As described above, the proposed slab foundation and battery cabinet will be located within the existing substation yard. Project activities will be located within 100-foot Buffer Zone to Bordering Vegetated Wetland (BVW) and Inland Bank, in the interior of the substation yard. No work is proposed within the locally regulated 25-foot No Disturb Zone. Proposed Project activities are considered an exempt minor activity under the Massachusetts Wetlands Protection Act Regulations 310 CMR 10.02(2)(b)(2)(k). However, the Town of Leicester General Wetlands Protection Bylaw does not recognize this minor activity exemption.

Therefore, this letter and application serve as a Request for a Negative Determination for the installation of one new battery cabinet and concrete slab foundation within the 100-foot Buffer Zone to BVW/Inland Bank at the Leicester Substation No. 21.

#### **EXISTING CONDITIONS**

BSC has conducted both a desktop analysis (using MassGIS datalayers and other publicly available mapping) and a wetland delineation of resources adjacent to the proposed work site to assess permitting requirements pursuant to the WPA and Leicester General Wetlands Protection Bylaw. A Bordering Vegetated Wetland (BVW) was field located to the east of the substation and an intermittent stream was identified to the north of the substation yard.

Engineers

Environmental  
Scientists

Custom Software  
Developers

Landscape  
Architects

Planners

Surveyors



As stated above, the proposed activities would occur within of the 100-foot Buffer Zone to Bordering Vegetated Wetlands (BVW) and the Inland Bank of an intermittent stream. No other sensitive resource areas are proximate to proposed work.

Existing conditions, resource areas, Buffer Zones, and the proposed location of the work are shown on the figures in Attachment B. Representative photographs of the Project area are included in Attachment C.

#### Other Sensitive Resource Areas

A desktop analysis of environmental constraints was performed using available GIS data layers and includes MassDEP wetlands and hydrologic connections. Data layers such as the most recent FEMA National Flood Hazard Mapping; Natural Heritage and Endangered Species Program (NHESP) Priority and Estimated Habitat; Certified and Potential Vernal Pools; Areas of Critical Environmental Concern (ACEC); and Outstanding Resource Waters (ORW), Activity Use Limited sites (AULs), wellhead protection areas (Zone Is and IIs) have been reviewed within proximity of the Project area. No other sensitive resources were identified proximal to the Project.

### **PROPOSED WORK DESCRIPTION**

NEP proposes to install one new battery cabinet with a supporting concert slab foundation within the existing gravel yard at the Leicester Substation No. 21 at 49 Peter Salem Road. All proposed work will occur within previously disturbed areas.

The concrete, slab foundation will measure ten (10) feet by four (4) feet (approximately 40 ft<sup>2</sup>) and be installed within gravel yard, adjacent to existing substation features. Disturbed areas resulting from the installation of the proposed activities will be restored to pre-existing conditions to the extent practicable. Since all work is limited to the interior of the substation yard and Best Management Practices (BMPs) will be utilized, impacts to adjacent resource areas are not anticipated. Please refer to the following sections for additional details.

### **Construction Methods and Proposed Mitigation Techniques**

NEP has established procedures that are to be followed by all employees performing construction and maintenance activities within substations and on transmission and distribution ROWs. These procedures, also known as BMPs, are outlined in National Grid's Environmental Guidance documents to ensure that all NEP Projects are completed in accordance with all applicable environmental laws and regulations as well as company policies and compliance objectives.

#### Erosion and Sediment Controls

Ground disturbance associated with installing the slab foundation will be minimal and limited to excavation within an existing gravel yard. Any potential displaced soil will be managed away from wetland resource areas and will either be used as backfill or disposed of appropriately offsite. The construction crew will have a small quantity of straw bales, fiber rolls, or straw wattles on hand if ground disturbance or climatic conditions require the placement of sediment control barriers to protect the adjacent resource areas.



### Stormwater Management

There will be no change in grade or significant increase in impervious area as a result of this Project. Therefore, additional stormwater management appurtenances will not be required.

### Concrete Washouts

Should a concrete washout be necessary wash water will not be discharged onto the ground or into wetlands or waterbodies, in catch-basins or any other drainage structures. Concrete washouts will be located away from wetlands and other sensitive areas.

### Dewatering

Dewatering is not anticipated, but should it become necessary, it will occur in uplands away from wetlands and other sensitive resources. Appropriate controls, including dewatering basins, filter bags or filter socks will be used. Discharged water will not be discharged into wetlands, waterbodies, stormwater catch basins or any other drainage structures. Flows will be managed prevent any erosion or scour.

### Restoration

All disturbed areas will be stabilized and the construction site will be returned to existing conditions. All construction materials, vehicles, and non-biodegradable sediment controls will be removed from the site upon completion of work.

### **Conclusion**

The proposed battery cabinet and concrete slab foundation installations will occur within the 100-foot Buffer Zone to BVW/Inland Bank only. No work is proposed within the locally regulated 25-foot No Disturb Zone. Project activities within Buffer Zone to BVW/Bank which are wholly enclosed within existing substation yards are considered an exempt, minor activity under the WPA 310 CMR 10.02(b)(2)(k). BMPs will be implemented, as appropriate, to reduce the risk of potential impacts to adjacent resource areas. Work is expected to be completed within a week, further minimizing the potential for erosion or sedimentation.

Since the Project is not expected to impact resource areas, NEP is seeking a Negative Determination from the Leicester Conservation Commission.

Enclosed, please find two (2) copies of the Request for Determination of Applicability application and five (5) additional copies of the Project plans. An electronic copy of the application will also be submitted to the Commission. We respectfully request that this matter be heard at the next scheduled Conservation Commission hearing. The work may be scheduled to begin as soon as permissible.



If you have any questions regarding the enclosed information, please contact me at (978)-896-4532 or Laura Ernst of National Grid at (781) 392-9594. Thank you for your consideration in this matter.

Sincerely,  
BSC Group, Inc.

Corey Schutzman, CESSWI  
Project Manager/Environmental Biologist

cc: Laura Ernst, National Grid  
Enclosure

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# **Attachment A**

Battery Cabinet with Concrete Pad Installation – Leicester Substation No. 21  
Leicester, Massachusetts  
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WPA FORM 1



# Massachusetts Department of Environmental Protection

Bureau of Resource Protection - Wetlands

Leicester

City/Town

## WPA Form 1- Request for Determination of Applicability

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

### A. General Information

#### Important:

When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



1. Applicant:

New England Power Company d/b/a National Grid

laura.ernst@nationalgrid.com

Name

E-Mail Address

40 Sylvan Road

Mailing Address

Waltham

MA

02451

City/Town

State

Zip Code

781-392-9594

Phone Number

Fax Number (if applicable)

2. Representative (if any):

BCS Group, Inc

Firm

Corey Schutzman

cschutzman@bscgroup.com

Contact Name

E-Mail Address

33 Waldo Street

Mailing Address

Worcester

MA

01680

City/Town

State

Zip Code

617-896-4532

Phone Number

Fax Number (if applicable)

### B. Determinations

1. I request the Leicester make the following determination(s). Check any that apply:  
Conservation Commission

- ☐ a. whether the **area** depicted on plan(s) and/or map(s) referenced below is an area subject to jurisdiction of the Wetlands Protection Act.
- ☐ b. whether the **boundaries** of resource area(s) depicted on plan(s) and/or map(s) referenced below are accurately delineated.
- ☐ c. whether the **work** depicted on plan(s) referenced below is subject to the Wetlands Protection Act.
- ☒ d. whether the area and/or work depicted on plan(s) referenced below is subject to the jurisdiction of any **municipal wetlands ordinance** or **bylaw** of:

Leicester

Name of Municipality

- ☐ e. whether the following **scope of alternatives** is adequate for work in the Riverfront Area as depicted on referenced plan(s).





**Massachusetts Department of Environmental Protection**

Bureau of Resource Protection - Wetlands

Leicester

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**C. Project Description**

1. a. Project Location (use maps and plans to identify the location of the area subject to this request):

49 Peter Salem Road

Street Address

Leicester

City/Town

30

Assessors Map/Plat Number

A8

Parcel/Lot Number

- b. Area Description (use additional paper, if necessary):

The Project is located entirely within an existing substation yard located on the north side of Peter Salem Road. The substation is located within the 100-foot Buffer Zone associated with a BVW to the west of the substation and an intermittent stream to the south.

- c. Plan and/or Map Reference(s):

Leicester Substation USGS Locus Map

Title

6/25/2018

Date

Leicester Substation Environmental Resources Map

Title

6/15/2018

Date

Title

Date

2. a. Work Description (use additional paper and/or provide plan(s) of work, if necessary):

NEP proposes to install one new battery cabinet and a concert slab foundation within the existing Leicester Substation No. 21 yard. The concrete, slab foundation will measure ten (10) feet by four (4) feet (approximately 40 ft<sup>2</sup>) and will be installed within the gravel area of the substation adjacent to existing substation features. Activities will be located within the existing fenced in yard only. Through the implementation of Best Management Practices, no impacts to adjacent resource areas are anticipated.



**Massachusetts Department of Environmental Protection**

Bureau of Resource Protection - Wetlands

Leicester

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Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

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**C. Project Description (cont.)**

b. Identify provisions of the Wetlands Protection Act or regulations which may exempt the applicant from having to file a Notice of Intent for all or part of the described work (use additional paper, if necessary).

Project activities within buffer zone to BVW/Bank which are wholly enclosed within an existing substation yard are considered an exempt, minor activity under the WPA 310 CMR 10.02(b)(2)(k). In addition, BMPs will be implemented, as appropriate, to reduce the risk of potential impacts to adjacent BVW.

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3. a. If this application is a Request for Determination of Scope of Alternatives for work in the Riverfront Area, indicate the one classification below that best describes the project.

- ☐ Single family house on a lot recorded on or before 8/1/96
- ☐ Single family house on a lot recorded after 8/1/96
- ☐ Expansion of an existing structure on a lot recorded after 8/1/96
- ☐ Project, other than a single family house or public project, where the applicant owned the lot before 8/7/96
- ☐ New agriculture or aquaculture project
- ☐ Public project where funds were appropriated prior to 8/7/96
- ☐ Project on a lot shown on an approved, definitive subdivision plan where there is a recorded deed restriction limiting total alteration of the Riverfront Area for the entire subdivision
- ☐ Residential subdivision; institutional, industrial, or commercial project
- ☐ Municipal project
- ☐ District, county, state, or federal government project
- ☐ Project required to evaluate off-site alternatives in more than one municipality in an Environmental Impact Report under MEPA or in an alternatives analysis pursuant to an application for a 404 permit from the U.S. Army Corps of Engineers or 401 Water Quality Certification from the Department of Environmental Protection.

b. Provide evidence (e.g., record of date subdivision lot was recorded) supporting the classification above (use additional paper and/or attach appropriate documents, if necessary.)

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**Massachusetts Department of Environmental Protection**

Bureau of Resource Protection - Wetlands

Leicester

City/Town

**WPA Form 1- Request for Determination of Applicability**

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

**D. Signatures and Submittal Requirements**

I hereby certify under the penalties of perjury that the foregoing Request for Determination of Applicability and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge.

I further certify that the property owner, if different from the applicant, and the appropriate DEP Regional Office were sent a complete copy of this Request (including all appropriate documentation) simultaneously with the submittal of this Request to the Conservation Commission.

Failure by the applicant to send copies in a timely manner may result in dismissal of the Request for Determination of Applicability.

Name and address of the property owner:

New England Power Company d/b/a National Grid

Name

40 Sylvan Road

Mailing Address

Waltham

City/Town

MA

State

02451

Zip Code

Signatures:

I also understand that notification of this Request will be placed in a local newspaper at my expense in accordance with Section 10.05(3)(b)(1) of the Wetlands Protection Act regulations.

*Laura Ernst*

Signature of Applicant

6/26/2018

Date

*[Signature]*

Signature of Representative (if any)

6/25/2018

Date

# **Attachment B**

Battery Cabinet with Concrete Pad Installation – Leicester Substation No. 21  
Leicester, Massachusetts  
Request for Determination of Applicability

USGS SITE LOCUS MAP  
ENVIRONMENTAL RESOURCES MAP

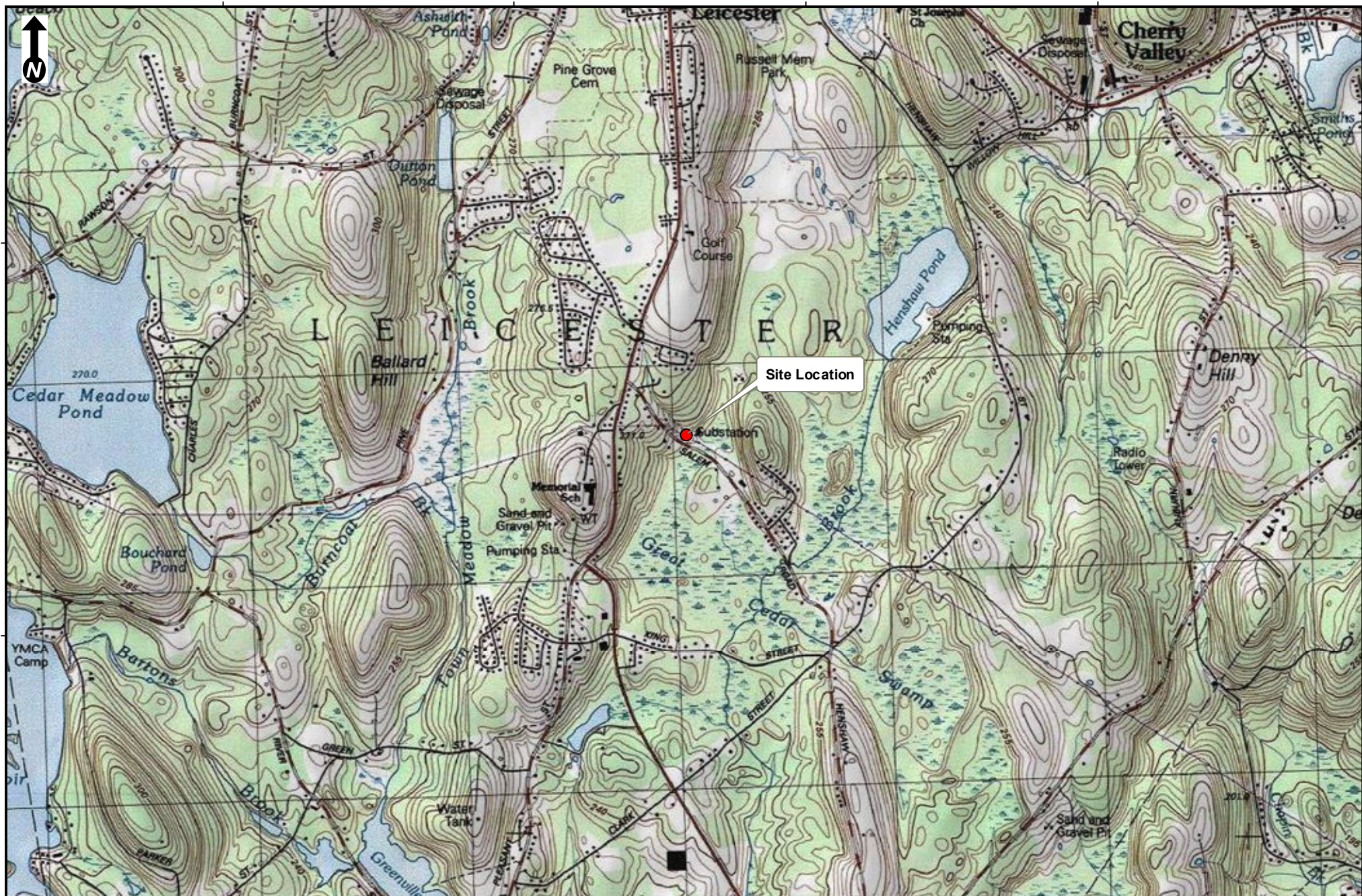


71°56'0"W

71°55'0"W

71°54'0"W

71°53'0"W



71°56'0"W

71°55'0"W

71°54'0"W

71°53'0"W

Scale:  
1 inch = 2,000 feet  
0 1,000 2,000  
Feet  
(Page Size 8.5 x 11)

**LEICESTER #21 SUBSTATION**  
**USGS Site Location Map**  
**49 Peter Salem Road**  
**Leicester, MA**

Source: Copyright©  
2013 National  
Geographic Society, i-  
cubed

**nationalgrid**  
**BSC GROUP**





**Legend**

- Field Delineated Intermittent Stream
- Field Delineated Wetland Boundary
- Field Delineated Wetland\*
- MADEP Hydrologic Connections
- MADEP Wetlands\*
- 25ft Town of Leicester "No Disturb Zone"
- 100ft Buffer to Wetlands & Streams
- Interim Wellhead Protection Area

1 inch = 100 feet  
0 50 100  
Feet

*\*Indicates Layers Set to Transparency*

**LEICESTER #21 SUBSTATION**

**Environmental Resources Map**

49 Peter Salem Road  
Leicester, MA

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, © OpenStreetMap contributors, and the GIS User Community



# Attachment C

Battery Cabinet with Concrete Pad Installation – Leicester Substation No. 21  
Leicester, Massachusetts  
Request for Determination of Applicability

SITE PHOTOGRAPHS



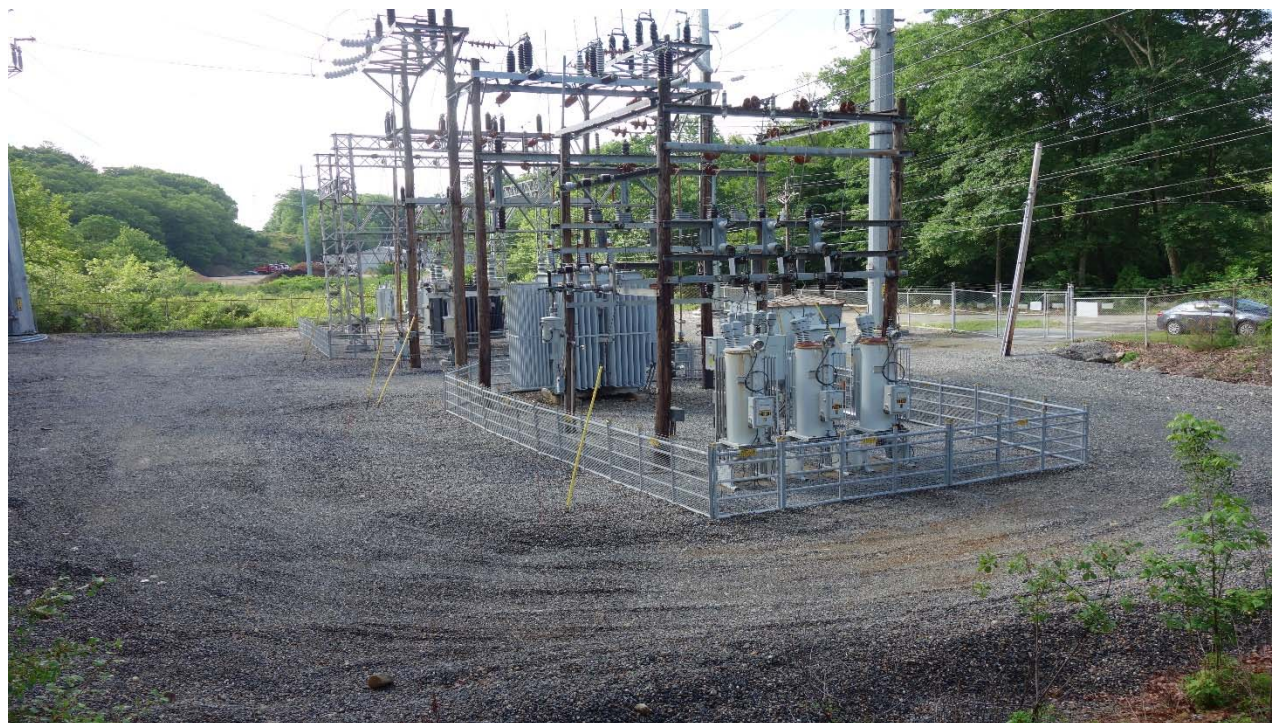


**Photo #1:** View of Substation from entrance on Peter Salem Road. *Facing Northwest*



**Photo #2:** View of the proposed location within the substation yard for the battery cabinet and supporting foundation. Picture shows typical foundations for similar equipment. *Facing North*





**Photo #3:** Alternate view of substation yard and its existing equipment where work is proposed. *Facing southeast*



**Photo #4:** A view of the intermittent stream located to the north of the substation yard. *Facing south*

# **Attachment D**

Battery Cabinet with Concrete Pad Installation – Leicester Substation No. 21  
Leicester, Massachusetts  
Request for Determination of Applicability

BEST MANAGEMENT PRACTICES (BMPs)



## SUBJECT

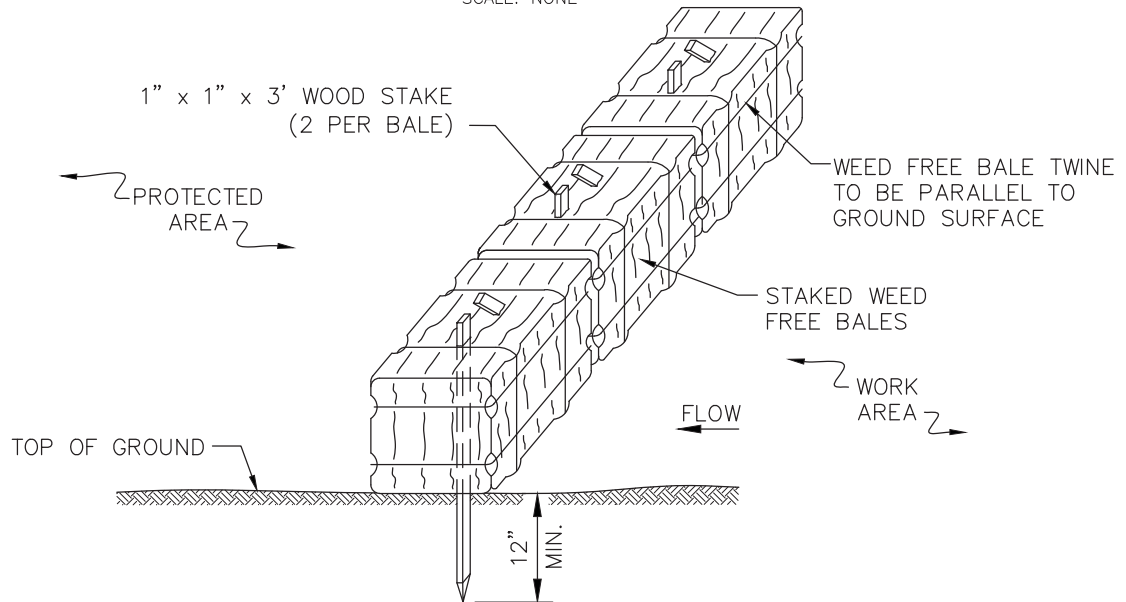
Access, Maintenance and Construction  
Best Management Practices

## Reference

EP No. 3 - Natural Resource  
Protection (Chapter 6)

**BMP DETAIL**

SCALE: NONE

NOTES:

1. THE GROUND SHALL BE PREPARED TO PROVIDE COMPLETE CONTACT WITH THE BALES.

**BMP PICTURE**

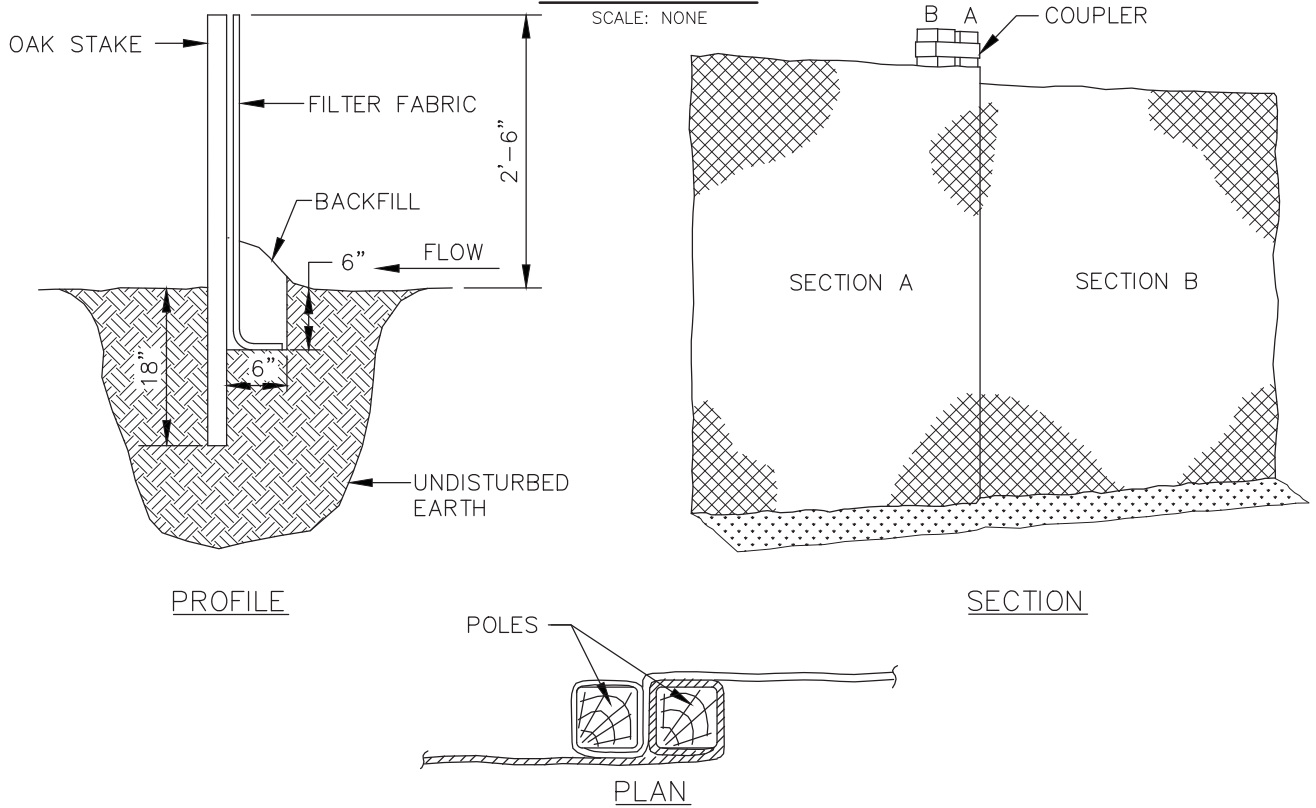
APPROVED BY: VICE PRESIDENT, ENVIRONMENTAL SERVICES  
PRINTED COPIES ARE NOT DOCUMENT CONTROLLED. FOR LATEST AUTHORIZED  
VERSION PLEASE REFER TO THE NATIONAL GRID ENVIRONMENTAL INFONET SITE.

**BMP # 1**  
**WEED FREE BALE BARRIER**

**SUBJECT**  
Access, Maintenance and Construction  
Best Management Practices

**Reference**  
EP No. 3 - Natural Resource  
Protection (Chapter 6)

**BMP DETAIL**



**BMP PICTURE**



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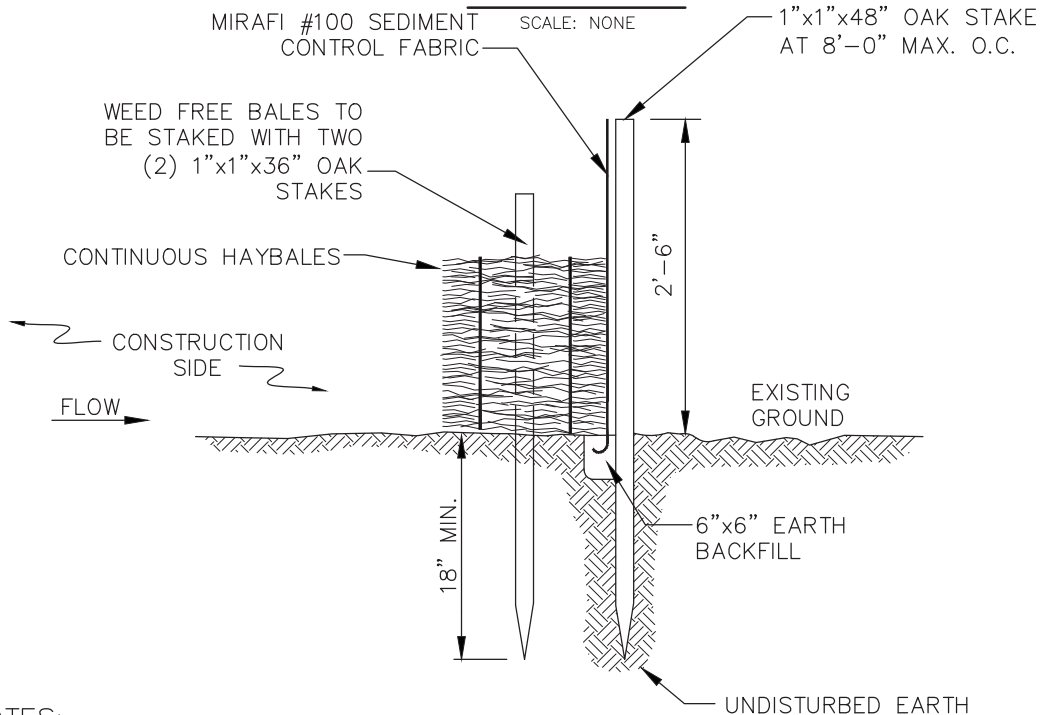
**BMP # 2**  
**SEDIMENT CONTROL FENCE**

## SUBJECT

Access, Maintenance and Construction  
Best Management Practices

## Reference

EP No. 3 - Natural Resource  
Protection (Chapter 6)

**BMP DETAIL****NOTES:**

1. BALES SHALL BE PLACED IN A ROW WITH THE ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
2. BALES SHALL BE SECURELY ANCHORED IN PLACE BY TWO (2) 1"x1"x36" OAK STAKES DRIVEN THROUGH THE BALES. THE FIRST STAKE IN EACH BALE SHALL BE ANGLED TOWARD PREVIOUSLY LAID BALE TO FORCE BALES TOGETHER.
3. INSPECTION SHALL BE FREQUENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
4. BALES SHALL BE REMOVED AND REPLACED WHEN THEY BECOME FILLED WITH SEDIMENT AND BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.
5. BALES SHALL BE REMOVED WHEN THE EMBANKMENTS STABILIZE.
6. BALES TO BE TWINE BOUND.

**BMP PICTURE****BMP # 3**

**SILT FENCE /  
WEED FREE BARRIER**

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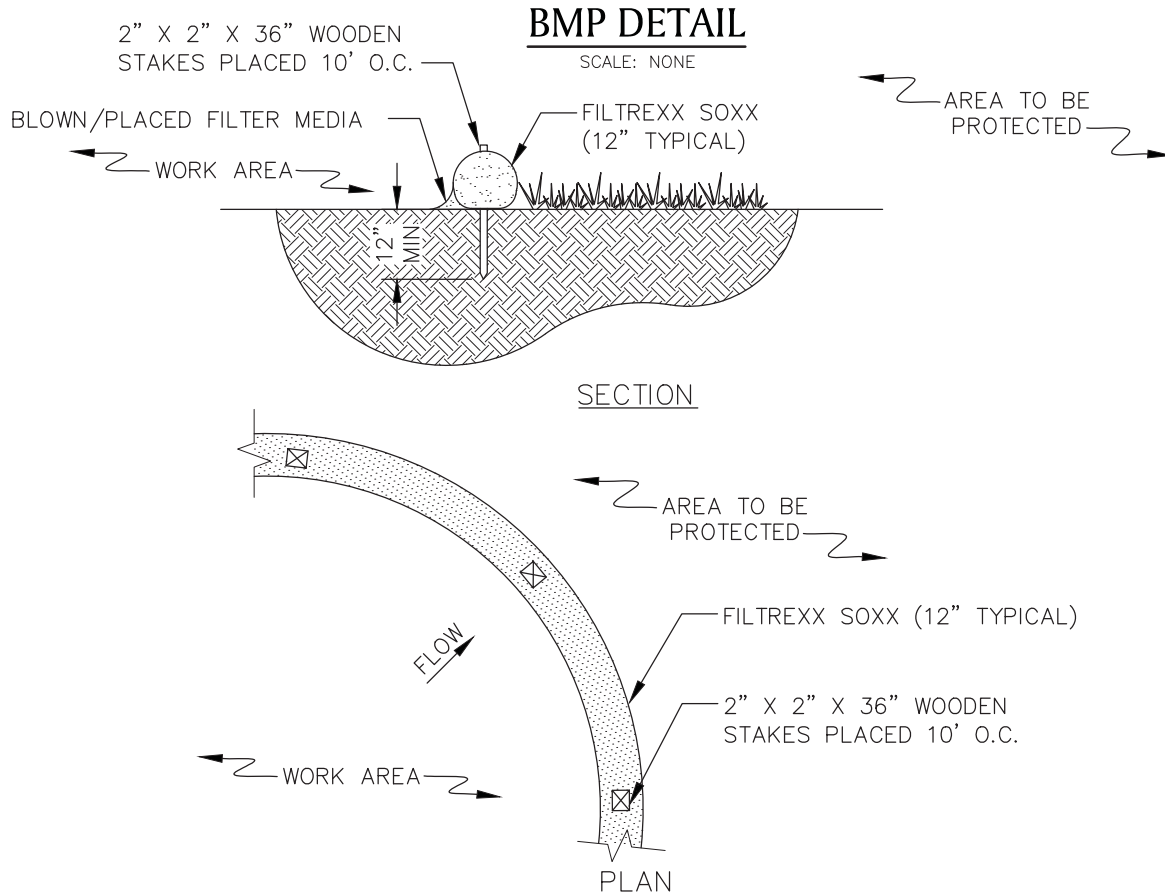


**SUBJECT**

Access, Maintenance and Construction  
Best Management Practices

**Reference**

EP No. 3 - Natural Resource  
Protection (Chapter 6)

**NOTES**

1. PRODUCT TO BE FILTREXX SILT SOXX OR APPROVED EQUAL BY NATIONAL GRID ENVIRONMENTAL SCIENTIST.
2. ALL MATERIAL TO MEET FILTREXX SPECIFICATIONS.
3. FILTER MEDIA FILL TO MEET APPLICATION REQUIREMENTS.
4. COMPOST MATERIAL TO BE DISPERSED ON SITE, AS DETERMINED BY NATIONAL GRID ENVIRONMENTAL SCIENTIST.

**BMP PICTURE**

\* PICTURE AND DETAIL PROVIDED BY FILTREXX LAND IMPROVEMENT SYSTEMS  
APPROVED BY: VICE PRESIDENT, ENVIRONMENTAL SERVICES  
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**BMP # 4**  
**SILT SOXX \***

## SUBJECT

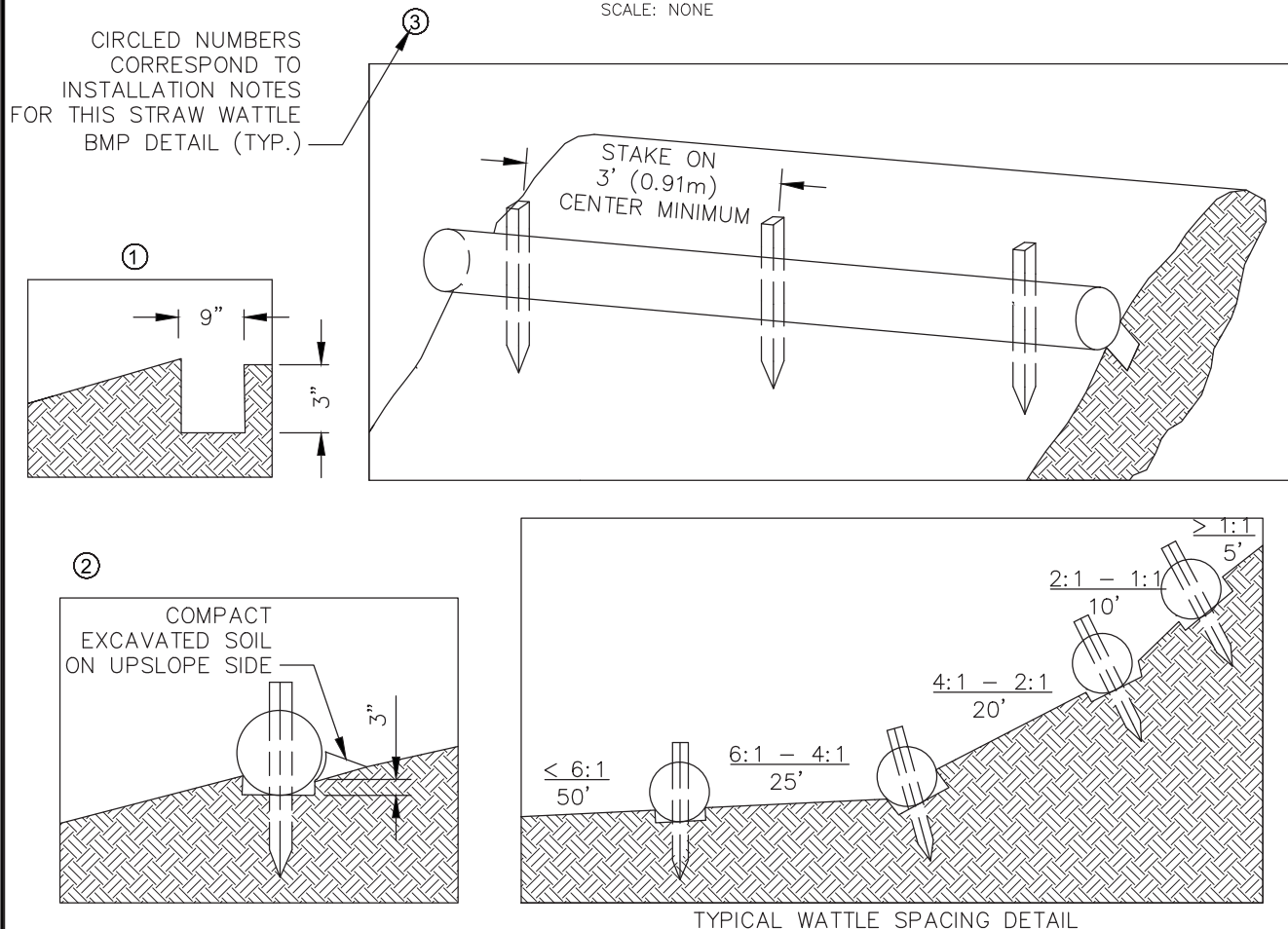
Access, Maintenance and Construction  
Best Management Practices

## Reference

EP No. 3 - Natural Resource  
Protection (Chapter 6)

**BMP DETAIL**

SCALE: NONE

NOTES:

1. PRODUCT TO BE TENSAR NORTH AMERICAN GREEN STRAW WATTLE OR APPROVED EQUAL BY NATIONAL GRID ENVIRONMENTAL SCIENTIST.
2. TYPICAL WATTLE SPACING BASED ON SLOPE GRADIENT. COORDINATE SPACING AND LOCATION WITH NATIONAL GRID ENVIRONMENTAL SCIENTIST.
3. MINIMUM 12" DIAMETER WATTLES SHOULD BE USED FOR HIGHLY DISTURBED AREAS (I.E., HEAVILY USED ACCESS ROAD WITH ADJACENT WETLAND) AND MINIMUM 9-10" WATTLES SHOULD BE USED FOR LESS DISTURBED SOILS.

INSTALLATION NOTES:

1. BEGIN AT THE LOCATION WHERE THE WATTLE IS TO BE INSTALLED BY EXCAVATING A 2-3" DEEP X 9" WIDE TRENCH ALONG THE CONTOUR OF THE SLOPE. EXCAVATED SOIL SHOULD BE PLACED UPSLOPE FROM THE ANCHOR TRENCH.
2. PLACE THE WATTLE IN THE TRENCH SO THAT IT CONTOURS TO THE SOIL SURFACE. COMPACT SOIL FROM THE EXCAVATED TRENCH AGAINST THE WATTLE ON THE UPHILL SIDE. ADJACENT WATTLES SHOULD TIGHTLY ABUT.
3. SECURE THE WATTLE WITH 18-24" STAKES EVERY 3-4' AND WITH A STAKE ON EACH END. STAKES SHOULD BE DRIVEN THROUGH THE MIDDLE OF THE WATTLE LEAVING AT LEAST 2-3" OF STAKE EXTENDING ABOVE THE WATTLE. STAKES SHOULD BE DRIVEN PERPENDICULAR TO THE SLOPE FACE.

\* DETAIL AND PICTURE PROVIDED BY TENSAR NORTH AMERICAN GREEN  
APPROVED BY: VICE PRESIDENT, ENVIRONMENTAL SERVICES  
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**BMP # 5**  
**STRAW WATTLE \* (1 OF 2)**

## SUBJECT

Access, Maintenance and Construction  
Best Management Practices

## Reference

EP No. 3 - Natural Resource  
Protection (Chapter 6)

BMP PICTURE

STRAW WATTLE – SHALLOW SLOPE ( $\leq 4:1$ )  
(ALTERNATE STAKING)

ALTERNATE STAKING INSTALLATION NOTES:

1. ON SHALLOW SLOPES ( $\leq 4:1$ ), STRAW WATTLE MAY BE SECURED WITH 18–24” STAKES DRIVEN AGAINST THE SIDES OF THE WATTLE INSTEAD OF THROUGH. STAKES SHALL ALTERNATE SIDES, AND BE SPACED 3–4’ MAX.
2. TWINE SHALL BE TIED FROM STAKE TO STAKE, CRISS–CROSSING THE STRAW WATTLE. TIE TWINE TO STAKES BELOW THE HEIGHT OF THE WATTLE.

\* DETAIL AND PICTURE PROVIDED BY TENSAR NORTH AMERICAN GREEN  
APPROVED BY: VICE PRESIDENT, ENVIRONMENTAL SERVICES  
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BMP # 5  
STRAW WATTLE \* (2 OF 2)



## SUBJECT

Access, Maintenance and Construction  
Best Management Practices

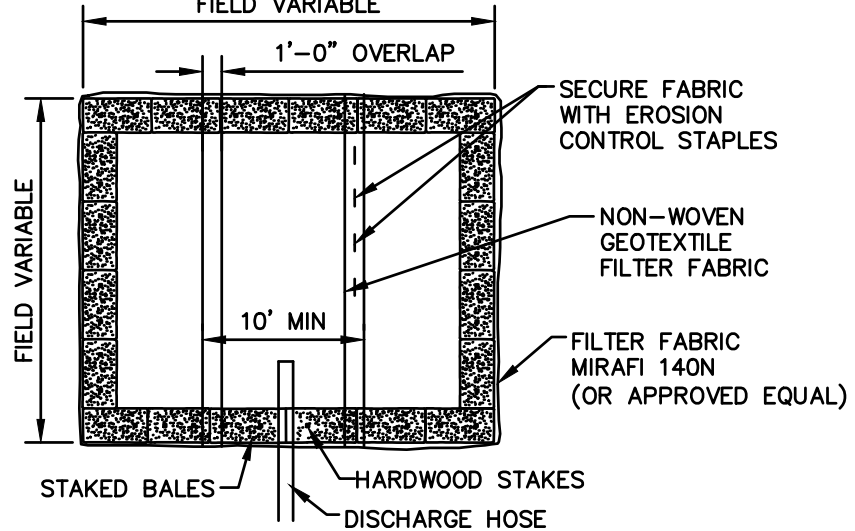
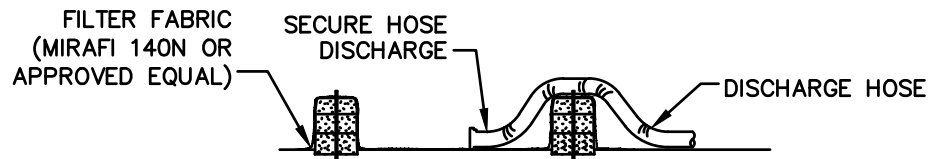
## Reference

EP No. 3 - Natural Resource  
Protection (Chapter 6)

**BMP DETAIL**

SCALE: NONE

FIELD VARIABLE

**PLAN VIEW****CROSS-SECTION****NOTES:**

1. NUMBER OF BALES MAY VARY DEPENDING ON SITE CONDITIONS,
2. THE BASIN TO BE SIZED TO PREVENT DISCHARGE WATER FROM OVERTOPPING BASIN.
3. KEEP AS FAR FROM WETLANDS AS PRACTICAL.
4. CLEAN AND REMOVE AS SOON AS DEWATERING IS COMPLETE.

**BMP PICTURE****APPROVED BY: VICE PRESIDENT, ENVIRONMENTAL SERVICES**

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**AA-10**  
**DEWATERING BASIN**  
**(SMALL SCALE)**

## SUBJECT

Access, Maintenance and Construction  
Best Management Practices

## Reference

EP No. 3 - Natural Resource  
Protection (Chapter 6)

BMP PICTURENOTE:

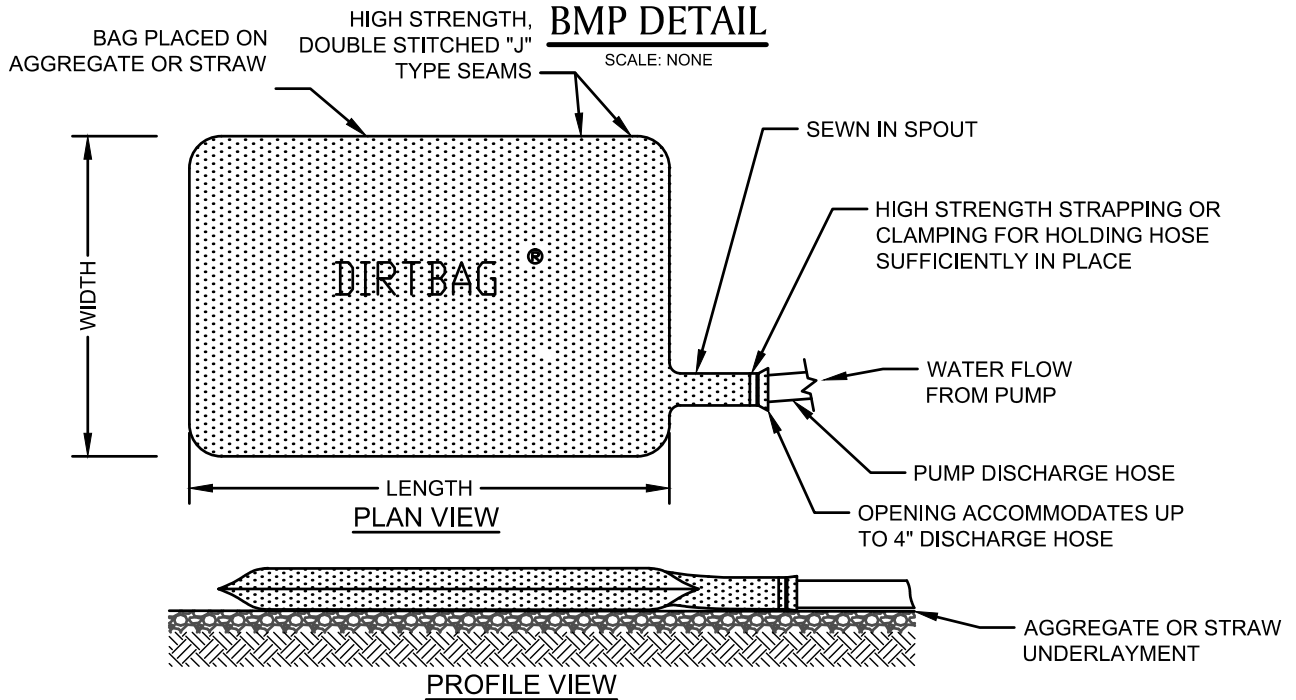
1. EXACT SIZE, LOCATION AND DESIGN IS DEPENDANT ON SITE CONDITIONS, AND LOCAL AND STATE REGULATIONS. COORDINATE THIS BMP WITH NATIONAL GRID ENVIRONMENTAL SCIENTIST PRIOR TO CONSTRUCTION.

## SUBJECT

Access, Maintenance and Construction  
Best Management Practices

## Reference

EP No. 3 - Natural Resource  
Protection (Chapter 6)

**NOTE:**

ONCE PUMPING COMMENCES, THE DIRT BAG SHALL BE MONITORED FREQUENTLY TO ASSURE THAT THE CONNECTIONS ARE SECURELY FASTENED AND THE RATE OF WATER DELIVERY TO THE STRUCTURE IS LOW ENOUGH TO PREVENT UNFILTERED WATER FROM FLOWING FROM THE HOSE CONNECTIONS OR BAG.

**BMP PICTURE**

\* PICTURE AND DETAIL PROVIDED BY ACF ENVIRONMENTAL

**APPROVED BY: VICE PRESIDENT, ENVIRONMENTAL SERVICES**

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VERSION PLEASE REFER TO THE NATIONAL GRID ENVIRONMENTAL INFONET SITE.

AA-12  
DIRTBAG \*

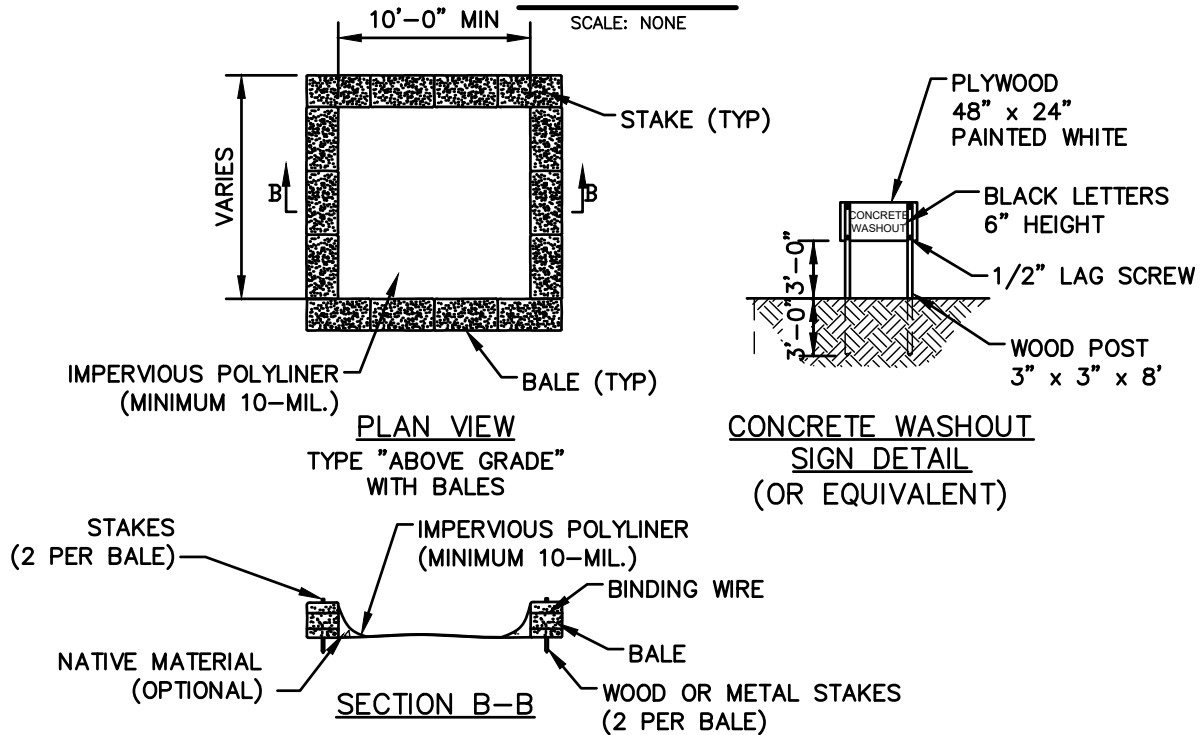


## SUBJECT

Access, Maintenance and Construction  
Best Management Practices

## Reference

EP No. 3 - Natural Resource  
Protection (Chapter 6)

**BMP DETAIL****NOTES:**

1. NUMBER OF BALES MAY VARY DEPENDING ON SITE CONDITIONS. COORDINATE SIZE AND LOCATION OF CONCRETE WASTE SUMP WITH NATIONAL GRID ENVIRONMENTAL SCIENTIST.
2. KEEP AS FAR FROM DRAINAGE CHANNELS AND WETLAND AREAS AS PRACTICAL.
3. SUMPS TO BE CLEANED AND WASTE CONCRETE REMOVED AND PROPERLY DISPOSED OF UPON COMPLETION OF WORK.
4. SEE ADDITIONAL NOTES ON DETAIL AA-14.

**BMP PICTURE**

**APPROVED BY: VICE PRESIDENT, ENVIRONMENTAL SERVICES**

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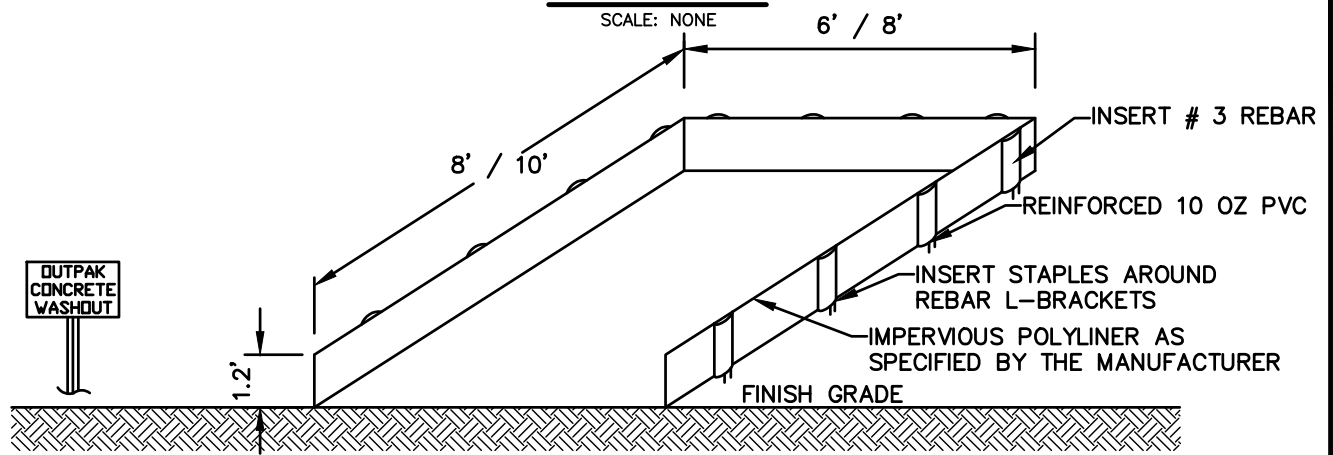
AA-13  
CONCRETE WASTE SUMP

## SUBJECT

Access, Maintenance and Construction  
Best Management Practices

## Reference

EP No. 3 - Natural Resource  
Protection (Chapter 6)

**BMP DETAIL****NOTES:****CROSS SECTION**

1. PRODUCT TO BE OUTPAK PVC CONCRETE WASHOUT OR APPROVED EQUAL BY NATIONAL GRID ENVIRONMENTAL SCIENTIST.
2. THE CONCRETE WASHOUT AREA SHALL BE INSTALLED PRIOR TO ANY CONCRETE PLACEMENT.
3. SIGNS SHALL BE PLACED AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CONCRETE WASHOUT.
4. THE CONCRETE WASHOUT AREA WILL BE REPLACED AS NECESSARY TO MAINTAIN CAPACITY FOR WASTE CONCRETE AND OTHER LIQUID WASTE.
5. WASHOUT RESIDUE SHALL BE REMOVED FROM THE SITE AND DISPENSED OF AT AN APPROVED WASTE SITE.
6. DO NOT MIX EXCESS AMOUNTS OF FRESH CONCRETE OR CEMENT ON-SITE.
7. DO NOT WASH OUT CONCRETE TRUCKS INTO STORM DRAINS, OPEN DITCHES, STREETS, OR STREAMS.
8. AVOID DUMPING EXCESS CONCRETE IN NON-DESIGNATED DUMPING AREAS.
9. LOCATE WASHOUT AREA AT LEAST 50' FROM STORM DRAIN, OPEN DITCHES, OR WATERBODIES. COORDINATE LOCATION WITH NATIONAL GRID ENVIRONMENTAL SCIENTIST.
10. WASH OUT WASTES INTO THE OUTPAK WASHOUT WHERE THE CONCRETE CAN SET, BE BROKEN UP, AND THEN DISPOSED OF PROPERLY.
11. A SECURE, NON-COLLAPSING, NON-WATER COLLECTING COVER MUST BE PLACED OVER CONCRETE WASHOUT PRIOR TO PREDICTED WET WEATHER TO PREVENT ACCUMULATION AND OVERFLOW OF PRECIPITATION.

**BMP PICTURE**

\* PICTURE AND DETAIL PROVIDED BY OUTPAK WASHOUT  
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AA-14  
OUTPAK CONCRETE WASHOUT \*

# **Attachment E**

Battery Cabinet with Concrete Pad Installation – Leicester Substation No. 21  
Leicester, Massachusetts  
Request for Determination of Applicability

ABUTTERS' INFORMATION

**REQUEST FOR DETERMINATION OF APPLICABILITY  
ABUTTER NOTIFICATION LETTER**

DATE: June 27, 2018

**RE:    Leicester Conservation Commission Public Hearing**

To Whom It May Concern,

As a direct abutter of a proposed project, please be advised that a Request for Determination of Applicability has been filed with the Leicester Conservation Commission under the Leicester Wetlands Protection Bylaw only.

**APPLICANT:**                   New England Power Company (d/b/a National Grid)

**PROJECT LOCATION:**       49 Peter Salem Road

**PROJECT DESCRIPTION:** New England Power Company is proposing to install a battery cabinet with a slab foundation within the Leicester Substation #21 on Peter Salem Road in Leicester, MA. Project activities are located within the 100-foot Buffer Zone to Bordering Vegetated Wetlands and Inland Bank.

**APPLICANT'S AGENT:**       BSC Group, Inc. (Attn: Corey Schutzman)  
33 Waldo Street  
Worcester, MA 01608  
(617) 896-4532

**PUBLIC HEARING:**           Leicester Conservation Commission  
3 Washburn Square  
Leicester, MA 01524

DATE: July 11, 2018

TIME: **6:30 PM** (*please call ahead to confirm*)

**NOTE:**                    You may contact the Leicester Conservation Commission during office hours Monday through Thursday. Office phone number: 508-892-7007.

**NOTE:**                    Plans and an application describing the wetland resource areas within the Project area are on file with the Leicester Conservation Commission at 3 Washburn Square Leicester, MA 01524.

06/25/2018

## Town of Leicester

Page 1 of 1

9:13:25AM

## Abutters List

ParcelID	Location	Owner	Co-Owner	Mailing Address	City	State	Zip
30 A6 0	59 PETER SALEM RD	TOWN OF LEICESTER	HIGHWAY DEPT	3 WASHBURN SQUARE	LEICESTER	MA	01524
30 A7 0	PETER SALEM RD	MASS ELECTRIC CO	PROPERTY TAX DEPT	40 SYLVAN ROAD	WALTHAM	MA	02451
39 B1.1 0	46 PETER SALEM RD	GAUDET JASON K		46 PETER SALEM RD	LEICESTER	MA	01524
39 B1.2 0	50 PETER SALEM RD	MORRIS PAUL	MORRIS LAURA A	50 PETER SALEM RD	LEICESTER	MA	01524

*End of Report*

Above is a certified list of direct abutters including abutters across the street.

Subject property: Peter Salem Road, Assessors Map 30-A8-0, Deed Ref. 3898/567

Subject owner(s): New England Power Co.

John Prescott, Principal Assessor

Prepared by: Kathleen Asquith, Assistant