

Stormwater Pollution Prevention Plan

for:

Town of Brookline
Back Landfill/DPW Operations Area
815 Newton Street
Brookline, MA 02467

SWPPP Contact(s):

Town of Brookline
Department of Public Works
Engineering Division
333 Washington Street
Brookline, MA 02445
617-730-2139

SWPPP Preparation Date:

January 6, 2015

Contents

Table of Contents

SECTION 1: FACILITY DESCRIPTION AND CONTACT INFORMATION	1
1.1 Facility Information.....	1
1.2 Contact Information/Responsible Parties.....	2
1.3 Stormwater Pollution Prevention Team.....	3
1.4 Site Description.....	3
1.5 General Location Map.....	3
1.6 Site Map.....	3
SECTION 2: POTENTIAL POLLUTANT SOURCES	4
2.1 Potential Pollutants Associated with Industrial Activity.....	4
2.2 Spills and Leaks.....	4
2.3 Unauthorized Non-stormwater Discharges Documentation.....	4
2.4 Salt Storage.....	5
2.5 Sampling Data Summary.....	5
SECTION 3: STORMWATER CONTROL MEASURES	5
3.1 Non-numeric Technology-based Effluent Limits (BPT/BAT/BCT).....	5
3.1.1 Minimize Exposure.....	5
3.1.2 Good Housekeeping.....	5
3.1.3 Maintenance.....	5
3.1.4 Spill Prevention and Response.....	5
3.1.5 Erosion and Sediment Controls.....	5
3.1.6 Management of Runoff.....	5
3.1.7 Salt Storage Piles or Piles Containing Salt.....	5
3.1.8 Dust Generation and Vehicle Tracking of Industrial Materials.....	6
3.2 Sector-Specific Non-Numeric Effluent Limits.....	6
3.3 Numeric Effluent Limitations Based on Effluent Limitations Guidelines.....	6
3.4 Water Quality-based Effluent Limitations and Water Quality Standards.....	6
SECTION 4: SCHEDULES AND PROCEDURES	6
4.1 Good Housekeeping.....	6
4.2 Maintenance.....	6
4.3 Spill Prevention and Response Procedures.....	6
4.4 Erosion and Sediment Control.....	6
4.5 Employee Training.....	6
4.6 Inspections and Assessments.....	7
4.6.1 Routine Facility Inspections.....	7
4.6.2 Quarterly Visual Assessment of Stormwater Discharges.....	7
4.6.3 Exception to Routine Facility Inspections and Quarterly Visual Assessments for Inactive and Unstaffed Sites.....	7
4.7 Monitoring.....	8
SECTION 5: DOCUMENTATION TO SUPPORT ELIGIBILITY CONSIDERATIONS UNDER OTHER FEDERAL LAWS	8
5.1 Documentation Regarding Endangered Species.....	8

5.2 Documentation Regarding Historic Properties8
SECTION 6: CORRECTIVE ACTIONS.8
SECTION 7: SWPPP CERTIFICATION.9
SECTION 8: SWPPP MODIFICATIONS. 10
SWPPP ATTACHMENTS..... 10

SECTION 1: FACILITY DESCRIPTION AND CONTACT INFORMATION.

1.1 Facility Information.

Facility Information

Name of Facility: Back Landfill/DPW Operations Area _____

Street: 815 Newton Street _____

City: Brookline _____ State: MA _____ ZIP Code: 02467 _____

County or Similar Subdivision: Norfolk _____

NPDES ID (i.e., permit tracking number): MAR05C450 _____ (if covered under a previous perm

Primary Industrial Activity SIC code, and Sector and Subsector (2015 MSGP, Appendix D and Part 8):
4953, Sector L (Inactive Landfill) _____

Co-located Industrial Activity(s) SIC code(s), Sector(s) and Subsector(s) (2015 MSGP, Appendix D):

Latitude/Longitude

Latitude:

42.31444 ° N (decimal degrees)

Longitude:

71.171111 ° W (decimal degrees)

Method for determining latitude/longitude (check one):

USGS topographic map (specify scale: _____)

GPS

Other (please specify): _____

Horizontal Reference Datum (check one):

NAD 27 NAD 83 WGS 84

Is the facility located in Indian country? Yes No

If yes, name of Reservation, or if not part of a Reservation, indicate "not applicable." _____

Are you considered a "federal operator" of the facility?

Federal Operator – an entity that meets the definition of "operator" in this permit and is either any department, agency or instrumentality of the executive, legislative and judicial branches of the Federal government of the United States, or another entity, such as a private contractor, operating for any such department, agency, or instrumentality.

Yes

No

Estimated area of industrial activity at site exposed to stormwater: 13 _____ (acres)

Discharge Information

Does this facility discharge stormwater into a municipal separate storm sewer system

(MS4)? Yes No

If yes, name of MS4 operator: Town of Brookline _____

Name(s) of surface water(s) that receive stormwater from your facility: Saw Mill Brook _____

Does this facility discharge industrial stormwater directly into any segment of an "impaired water" (see definition in 2015 MSGP, Appendix A)? Yes No

If Yes, identify name of the impaired water(s) (and segment(s), if applicable): _____

Identify the pollutant(s) causing the impairment(s): _____

Which of the identified pollutants may be present in industrial stormwater discharges from this facility?

Has a Total Maximum Daily Load (TMDL) been completed for any of the identified pollutants? If yes, please list the TMDL pollutants: No _____

Does this facility discharge industrial stormwater into a receiving water designated as a Tier 2, Tier 2.5 or Tier 3 water (see definitions in 2015 MSGP, Appendix A)? Yes No

Are any of your stormwater discharges subject to effluent limitation guidelines (ELGs) (2015 MSGP Table 1-1)? Yes No

If Yes, which guidelines apply? _____

1.2 Contact Information/Responsible Parties.

Facility Operator(s):

Name: Town of Brookline/DPW (Contact: Kevin Johnson Director of Highway and Sanitation
Address: 870 Hammond Street
City, State, Zip Code: Brookline, MA 02467
Telephone Number: 617-879-4904
Email address: kjohnson@brooklinema.gov
Fax number: 617-879-2715

Facility Owner(s):

Name: Town of Brookline/DPW (Contact: Peter M. Ditto, P.E., Director of Engineering and Transportation
Address: 333 Washington Street
City, State, Zip Code: Brookline, MA 02445
Telephone Number: 617-730-2138
Email address: pditto@brooklinema.gov
Fax number: 617-264-6450

SWPPP Contact(s):

SWPPP Contact Name (Primary): James W. Hersey P.E. Environmental Engineer
Telephone number: 617-264-6467

Email address: jhersey@brooklinema.gov
 Fax number: 617-264-6450
 SWPPP Contact Name (Backup): Peter M. Ditto P.E. (see contact info above)

1.3 Stormwater Pollution Prevention Team.

Staff Names	Individual Responsibilities
Peter M. Ditto P.E., Director of Engineering and Transportation	Coordinate all stages of plan development, inspections and implementation; coordinate employee training programs; keep all records and ensure that reports are submitted.
Kevin Johnson, Director of Highway and Sanitation	Oversee operations and maintenance, training staff and overseeing good housekeeping practices.
James W. Hersey P.E., Environmental Engineer	Conduct inspections and prepare reports.

1.4 Site Description.

The site located at 815 Newton Street in Brookline Massachusetts. It consists of an inactive landfill called the "Back Landfill" and Handling Facility (Transfer Station/DPW Operations Area). The site is approximately 13 Acres. Records indicated the Back Landfill operated from 1952 to 1975. The Back Landfill is scheduled to capped and closed out in 2016-2017. This SWPPP is primarily for the DPW Operations Area. The Town is seeking a separate "No Exposure" Certification for the Transfer Station.

Currently, the Town uses the DPW operations area to temporarily store various materials (yard waste, street sweepings, catch basin cleanings, trench excavate, and other products like stone and sand for use on DPW projects). These materials are stored in containment bins. Stormwater flows across the site towards an Oil/Water separator and then is piped to a storage tank where the sediments can be cleaned out periodically. Flows from the storage tank go through a vegetated swale and then to a detention basin where sediment and debris is further filtered out. Overflows from the detention basin go to a swamp area. The swamp overflows through a 12" concrete drain pipe into the Town's MS4. The Town drain ties into the Saw Mill Brook. A portion of the Back Landfill Sheet flows through the woods and eventually goes into Lost Pond.

1.5 General Location Map.

The general location map for this facility can be found in Attachment A.

1.6 Site Map.

The site map for this facility can be found in Attachment B.

SECTION 2: POTENTIAL POLLUTANT SOURCES.

2.1 Potential Pollutants Associated with Industrial Activity.

Industrial Activity	Associated Pollutants
Material Storage: Topsoil, trench excavate, fill, concrete, street sweepings, yard waste, and catch basin cleanings related to DPW operations.	Sediment and debris in runoff from stored materials.

2.2 Spills and Leaks.

Areas of Site Where Potential Spills/Leaks Could Occur

Location	Discharge Points
Runoff from stored materials.	Detention Basin

Description of Past Spills/Leaks

Date	Description	Discharge Points
NA	No spills or leaks	NA

2.3 Unauthorized Non-stormwater Discharges Documentation.

Description of this facility's unauthorized non-stormwater discharge evaluation:

- Date of evaluation: November 20, 2015. No non-stormwater discharges at site
- Description of the evaluation criteria used: Visual inspection of the site.
- List of the drainage points that were directly observed during the evaluation: catch basins, oil water separator, sediment tanks, swales, and detention basin.
- Action(s) taken, such as a list of control measures used to eliminate unauthorized discharge(s), or documentation that a separate NPDES permit was obtained. For example, a floor drain was

sealed, a sink drain was re-routed to the sanitary sewer or an NPDES permit application was submitted for an unauthorized cooling water discharge: NA

2.4 Salt Storage.

No salt storage at the site.

2.5 Sampling Data Summary.

Visual inspection of stormwater conveyances. No sediment and/or debris flowing beyond detention basin. Material is managed upstream through catch basins, separators, tanks, and swales.

SECTION 3: STORMWATER CONTROL MEASURES.

3.1 Non-numeric Technology-based Effluent Limits (BPT/BAT/BCT)

You must comply with the following non-numeric effluent limits (except where otherwise specified in Part 8) as well as any sector-specific non-numeric effluent limits in Part 8.

3.1.1 Minimize Exposure.

As outlined in previous sections, the site employs various types of stormwater technologies to reduce runoff from stored materials to receiving waters. Most materials are stored in containment bins. Runoff is conveyed to deep sump catch basins, oil/water separators, sediment tank, vegetated swales and a grass lined detention basin.

3.1.2 Good Housekeeping.

DPW operations area and Back Landfill are monitored daily by Highway and Sanitation Staff. DPW materials are separated and primarily stored in bins. Materials are only temporarily stored and then hauled off site for disposal. The yard is periodically cleaned by mechanical sweeper.

3.1.3 Maintenance.

See statement and section 3.1.2.

3.1.4 Spill Prevention and Response.

There is no fueling or maintenance of vehicles at this site. There is a spill kit located on the premises and onsite DPW personnel are trained to handle clean-ups if they occur.

3.1.5 Erosion and Sediment Controls.

Stormwater controls are outlined in section 3.1.1.

3.1.6 Management of Runoff.

Stormwater controls are outlined in section 3.1.1.

3.1.7 Salt Storage Piles or Piles Containing Salt.

No salt storage onsite.

3.1.8 Dust Generation and Vehicle Tracking of Industrial Materials.

Roads to the site are paved.

3.2 Sector-Specific Non-Numeric Effluent Limits.

Sector L – (Inactive landfill). Total Suspended Solids (TSS) is managed through the stormwater controls listed in section 3.1.1.

3.3 Numeric Effluent Limitations Based on Effluent Limitations Guidelines.

NA - Landfill is inactive and stabilized. Runoff sheet flows through woods. Runoff from DPW operations area is managed through various controls outlined in section 3.1.1.

3.4 Water Quality-based Effluent Limitations and Water Quality Standards.

Stormwater is managed through controls outlined in section 3.1.1.

SECTION 4: SCHEDULES AND PROCEDURES.

4.1 Good Housekeeping.

Catch basins, oil/water separator, and sediment tank are cleaned on regular basis. The yard is periodically swept with a mechanical sweeper.

4.2 Maintenance.

See section 4.1.

4.3 Spill Prevention and Response Procedures.

See section 3.1.4.

4.4 Erosion and Sediment Control.

See section 3.1.1.

4.5 Employee Training.

Onsite staff are been trained to implement best management and good housekeeping procedures.

4.6 Inspections and Assessments.

4.6.1 Routine Facility Inspections.

Periodic visual inspections are performed at the DPW Operations area.

For routine facility inspections to be performed at your site, your SWPPP must include a description of the following:

1. **Person(s) or positions of person(s) responsible for inspection.** Environmental Engineer conducts visual inspections at the site.
2. **Schedules for conducting inspections.** Inspections are conducted quarterly.
3. **List areas where industrial materials or activities are exposed to stormwater.** As listed in previous sections the DPW Operations area has various materials that are exposed to stormwater.
4. **List areas identified in the SWPPP (section 1 of the SWPPP Template) and any others that are potential pollutant sources (see Part 5.2.3).** See statement above.
5. **Areas where spills and leaks have occurred in the past 3 years.** No spills or leaks.
6. **Inspection information for discharge points.** See section 3.1.1 for discharge location.
7. **List the control measures used to comply with the effluent limits contained in this permit.** See section 3.1.1 for controls.
8. **Other site-specific inspection objectives.** Work with onsite staff to manage various stored materials. Also coordinate inspection and cleaning of catch basins, separators/tanks, swales, and detention basin.

4.6.2 Quarterly Visual Assessment of Stormwater Discharges.

Conduct visual inspection of flows leaving the detention basin.

For quarterly visual assessments to be performed at your site, your SWPPP must include a description of the following:

1. **Person(s) or positions of person(s) responsible for assessments.** Environmental Engineer.
2. **Schedules for conducting assessments.** Winter, Spring, Summer, and Fall.
3. **Specific assessment activities.** Inspect quarterly the flows exiting the detention basin. At least one inspection will be conducted during a rain event

4.6.3 Exception to Routine Facility Inspections and Quarterly Visual Assessments for Inactive and Unstaffed Sites.

This site is inactive and unstaffed, and has no industrial materials or activities exposed to stormwater, in accordance with the substantive requirements in 40 CFR 122.26(g)(4)(iii) as signed and certified in Section 7 below.

If you are invoking the exception for inactive and unstaffed sites for your routine facility inspections and/or quarterly visual assessments, include information to support this claim.

NA

4.7 Monitoring.

1. **Sample location(s).** Outlet of the detention basin
2. **Pollutants to be sampled.** Sediment and debris.
3. **Monitoring Schedules.** Quarterly inspections of the outlet.
4. **Numeric Limitations.** Conduct visual inspection of suspended solids.
5. **Procedures.** Collect in a clear jar or container water flowing out of the detention basin and inspect for sediment and debris.

Inactive and unstaffed sites exception (if applicable) NA

This site is inactive and unstaffed, and has no industrial materials or activities exposed to stormwater, in accordance with the substantive requirements in 40 CFR 122.26(g)(4)(iii) as signed and certified in Section 7 below.

Substantially identical discharge point (outfall) exception (if applicable) NA

SECTION 5: DOCUMENTATION TO SUPPORT ELIGIBILITY CONSIDERATIONS UNDER OTHER FEDERAL LAWS.

5.1 Documentation Regarding Endangered Species.

Conducted online US Fish and Wildlife Service "IPaC Trust Resource Report" of the site dated November 27, 2015. Did not identify and critical habitats or resources in the area. Copy of the report is located in Attachment D.

5.2 Documentation Regarding Historic Properties.

Consulted the Town's preservation office regarding Historic Properties and stormwater runoff from this site. Town believes there are no historical sites that would be impacted from runoff from this facility.

SECTION 6: CORRECTIVE ACTIONS.

If water leaving the detention basin is found to contain debris or sediment, the Town will immediately try and locate the source of the release and try and contain the material. In the future, the Town is looking to try and place covered roofs over many of the storage bins to significantly reduce the potential for runoff.

SECTION 7: SWPPP CERTIFICATION.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name: Melvin A. Kleckner

Title: Town Administrator

Signature: 

Date: 1/6/16

SECTION 8: SWPPP MODIFICATIONS.

Instructions (see 2015 MSGP Part 5.3):

Your SWPPP is a "living" document and is required to be modified and updated, as necessary, in response to corrective actions. See Part 4 of the 2015 MSGP.

- If you need to modify the SWPPP in response to a corrective action required by Part 4.1 or 4.2 of the 2015 MSGP, then the certification statement in section 7 of this SWPPP template must be re-signed in accordance with 2015 MSGP Appendix B, Subsection 11.A.
- For any other SWPPP modification, you should keep a log with a description of the modification, the name of the person making it, and the date and signature of that person. See 2015 MSGP Appendix B, Subsection 11.C.

SWPPP ATTACHMENTS:

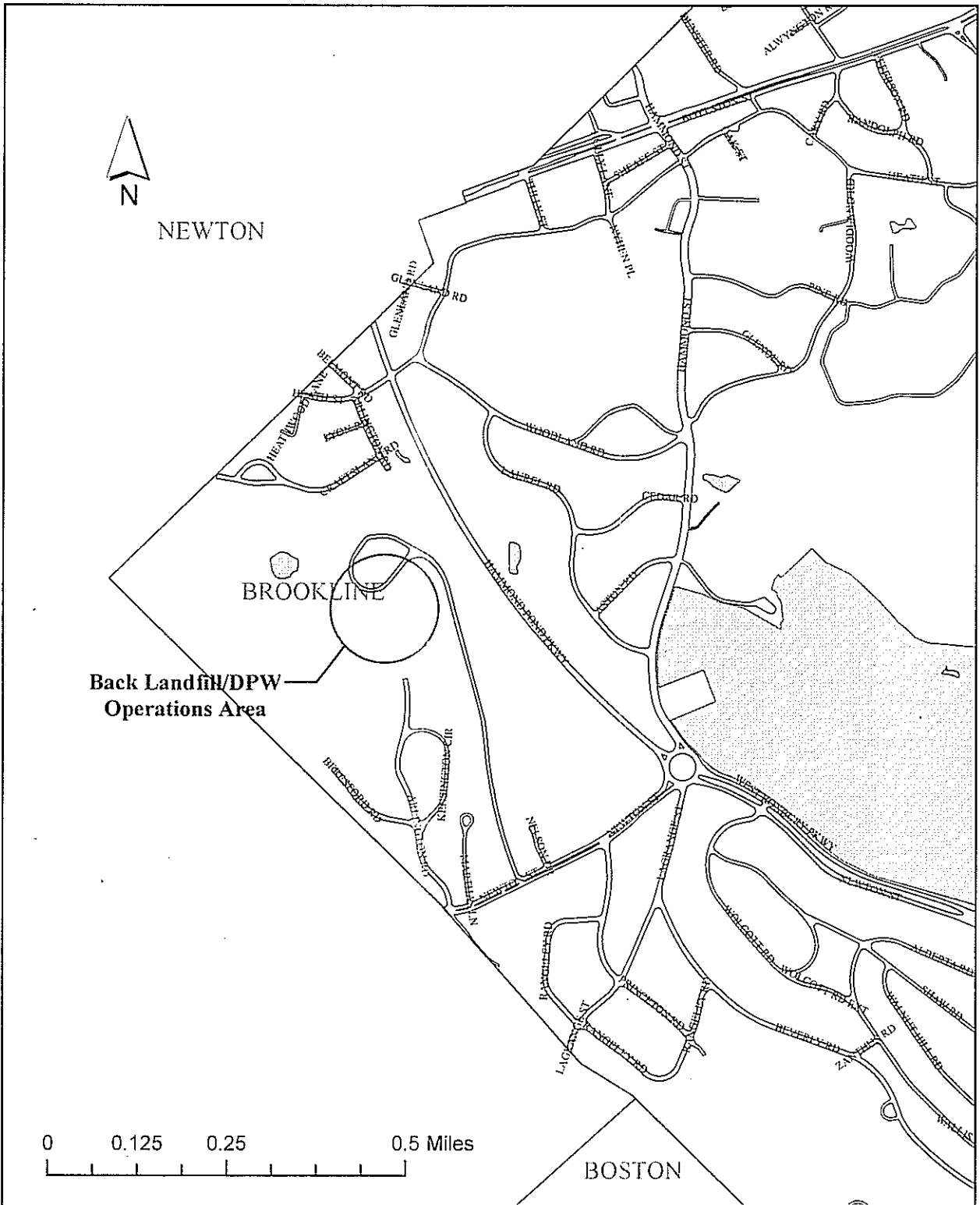
Attachment A – General Location Map

Attachment B – Site Map

Attachment C – 2015 MSGP

(go to http://www.epa.gov/sites/production/files/2015-10/documents/msgp2015_finalpermit.pdf)

Attachment D – IPaC Trust Resource Report



LOCUS

Brookline, Massachusetts
 Back Landfill/DPW Operations Area

Attachment C – 2015 MSGP

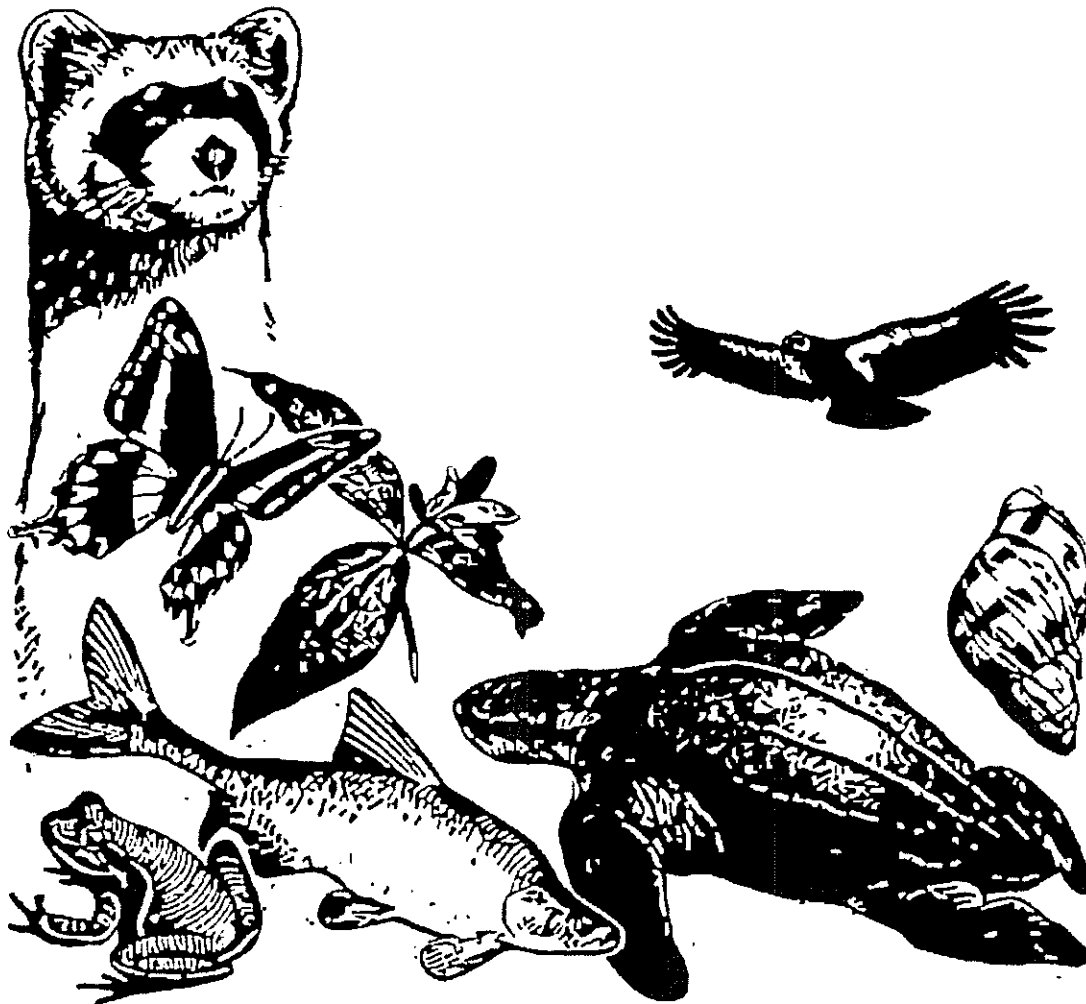
Permit located at http://www.epa.gov/sites/production/files/2015-10/documents/msgp2015_finalpermit.pdf

MSGP

IPaC Trust Resource Report

Generated November 27, 2015 09:24 AM MST

This report is for informational purposes only and should not be used for planning or analyzing project-level impacts. For projects that require FWS review, please return to this project on the IPaC website and request an official species list from the Regulatory Documents page.



US Fish & Wildlife Service

IPaC Trust Resource Report



Project Description

NAME

MSGP

PROJECT CODE

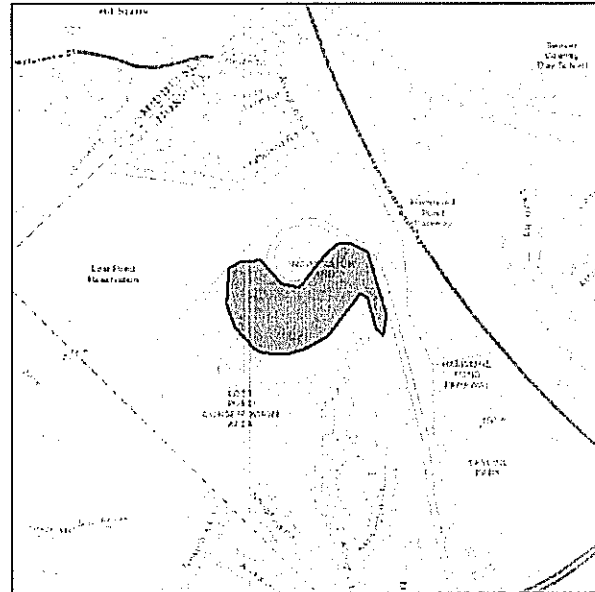
IM7XR-GGO2J-EL7IG-MPPMO-XKQIGQ

LOCATION

Norfolk County, Massachusetts

DESCRIPTION

Back Landfill/DPW Operations Area



U.S. Fish & Wildlife Contact Information

Species in this report are managed by:

New England Ecological Services Field Office

70 Commercial Street, Suite 300

Concord, NH 03301-5094

(603) 223-2541

Endangered Species

Proposed, candidate, threatened, and endangered species that are managed by the Endangered Species Program and should be considered as part of an effect analysis for this project.

This unofficial species list is for informational purposes only and does not fulfill the requirements under Section 7 of the Endangered Species Act, which states that Federal agencies are required to "request of the Secretary of Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action." This requirement applies to projects which are conducted, permitted or licensed by any Federal agency.

A letter from the local office and a species list which fulfills this requirement can be obtained by returning to this project on the IPaC website and requesting an official species list on the Regulatory Documents page.

Mammals

Northern Long-eared Bat *Myotis septentrionalis* Threatened

CRITICAL HABITAT

No critical habitat has been designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=AQJE>

Critical Habitats

Potential effects to critical habitat(s) within the project area must be analyzed along with the endangered species themselves.

There is no critical habitat within this project area

Migratory Birds

Birds are protected by the Migratory Bird Treaty Act and the Bald and Golden Eagle Protection Act.

Any activity which results in the take of migratory birds or eagles is prohibited unless authorized by the U.S. Fish and Wildlife Service (1). There are no provisions for allowing the take of migratory birds that are unintentionally killed or injured.

You are responsible for complying with the appropriate regulations for the protection of birds as part of this project. This involves analyzing potential impacts and implementing appropriate conservation measures for all project activities.

American Oystercatcher <i>Haematopus palliatus</i>	Bird of conservation concern
Season: Breeding https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0G8	
American Bittern <i>Botaurus lentiginosus</i>	Bird of conservation concern
Season: Breeding https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0F3	
Bald Eagle <i>Haliaeetus leucocephalus</i>	Bird of conservation concern
Year-round https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B008	
Black-billed Cuckoo <i>Coccyzus erythrophthalmus</i>	Bird of conservation concern
Season: Breeding https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0HI	
Blue-winged Warbler <i>Vermivora pinus</i>	Bird of conservation concern
Season: Breeding	
Canada Warbler <i>Wilsonia canadensis</i>	Bird of conservation concern
Season: Breeding	
Hudsonian Godwit <i>Limosa haemastica</i>	Bird of conservation concern
Season: Migrating	
Least Bittern <i>Ixobrychus exilis</i>	Bird of conservation concern
Season: Breeding	
Olive-sided Flycatcher <i>Contopus cooperi</i>	Bird of conservation concern
Season: Breeding https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0AN	
Peregrine Falcon <i>Falco peregrinus</i>	Bird of conservation concern
Season: Wintering https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0FU	
Pied-billed Grebe <i>Podilymbus podiceps</i>	Bird of conservation concern
Season: Breeding	
Prairie Warbler <i>Dendroica discolor</i>	Bird of conservation concern
Season: Breeding	
Purple Sandpiper <i>Calidris maritima</i>	Bird of conservation concern
Season: Wintering	

Seaside Sparrow <i>Ammodramus maritimus</i> Season: Breeding	Bird of conservation concern
Short-eared Owl <i>Asio flammeus</i> Season: Wintering https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0HD	Bird of conservation concern
Snowy Egret <i>Egretta thula</i> Season: Breeding	Bird of conservation concern
Upland Sandpiper <i>Bartramia longicauda</i> Season: Breeding https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0HC	Bird of conservation concern
Willow Flycatcher <i>Empidonax traillii</i> Season: Breeding https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0F6	Bird of conservation concern
Wood Thrush <i>Hylocichla mustelina</i> Season: Breeding	Bird of conservation concern
Worm Eating Warbler <i>Helmitheros vermivorum</i> Season: Breeding	Bird of conservation concern

Refuges

Any activity proposed on National Wildlife Refuge lands must undergo a 'Compatibility Determination' conducted by the Refuge. If your project overlaps or otherwise impacts a Refuge, please contact that Refuge to discuss the authorization process.

There are no refuges within this project area

Wetlands

Impacts to NWI wetlands and other aquatic habitats from your project may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal Statutes.

Project proponents should discuss the relationship of these requirements to their project with the Regulatory Program of the appropriate U.S. Army Corps of Engineers District.

DATA LIMITATIONS

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

DATA EXCLUSIONS

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

DATA PRECAUTIONS

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

There are no wetlands identified in this project area