

Part I: General Conditions

General Information

Name of Municipality or Organization: State:

EPA NPDES Permit Number (if applicable):

Primary MS4 Program Manager Contact Information

Name: Title:

Street Address Line 1:

Street Address Line 2:

City: State: Zip Code:

Email: Phone Number:

Fax Number:

Other Information

Stormwater Management Program (SWMP) Location (web address or physical location, if already completed):

Eligibility Determination

Endangered Species Act (ESA) Determination Complete? Eligibility Criteria (check all that apply): A B C

National Historic Preservation Act (NHPA) Determination Complete? Eligibility Criteria (check all that apply): A B C

Check the box if your municipality or organization was covered under the 2003 MS4 General Permit

MS4 Infrastructure (if covered under the 2003 permit)

Estimated Percent of Outfall Map Complete? If 100% of 2003 requirements not met, enter an estimated date of completion (MM/DD/YY):

Web address where MS4 map is published:
If outfall map is unavailable on the internet an electronic or paper copy of the outfall map must be included with NOI submission (see section V for submission options)

Regulatory Authorities (if covered under the 2003 permit)

Illicit Discharge Detection and Elimination (IDDE) Authority Adopted? <small>(Part II, III, IV or V, Subpart B.3.(b.) of 2003 permit)</small>	<input type="text" value="Yes"/>	Effective Date or Estimated Date of Adoption (MM/DD/YY):	<input type="text" value="12/10/2003"/>
Construction/Erosion and Sediment Control (ESC) Authority Adopted? <small>(Part II, III, IV or V, Subpart B.4.(a.) of 2003 permit)</small>	<input type="text" value="Yes"/>	Effective Date or Estimated Date of Adoption (MM/DD/YY):	<input type="text" value="12/10/2003"/>
Post- Construction Stormwater Management Adopted? <small>(Part II, III, IV or V, Subpart B.5.(a.) of 2003 permit)</small>	<input type="text" value="Yes"/>	Effective Date or Estimated Date of Adoption (MM/DD/YY):	<input type="text" value="03/24/2003"/>

Notice of Intent (NOI) for coverage under Small MS4 General Permit

Part II: Summary of Receiving Waters

Please list the waterbodies to which your MS4 discharges. For each waterbody, please report the number of outfalls discharging into it and, if applicable, the segment ID and any impairments.

Massachusetts list of impaired waters: <http://www.mass.gov/eea/docs/dep/water/resources/07v5/14list2.pdf>

Waterbody that receives flow from the MS4 and segment ID if applicable	Number of outfalls into receiving water segment	Chloride	Chlorophyll-a	Dissolved Oxygen/DO Saturation	Nitrogen	Oil & Grease/ PAH	Phosphorus	Solids/ TSS/ Turbidity	E. coli	Enterococcus	Other pollutant(s) causing impairments
SHAWSHEEN RIVER; MA83-08	22	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	FECAL COLIFORM (EPA TMDL 2587); PHYSICAL-SUBSTRATE HABITAT ALTERATIONS - CHANNELIZATION (NO TMDL)
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Click to lengthen table

Notice of Intent (NOI) for coverage under Small MS4 General Permit

Part III: Stormwater Management Program Summary

Identify the Best Management Practices (BMPs) that will be employed to address each of the six Minimum Control Measures (MCMs). For municipalities/organizations whose MS4 discharges into a receiving water with an approved Total Maximum Daily Load (TMDL) and an applicable waste load allocation (WLA), identify any additional BMPs employed to specifically support the achievement of the WLA in the TMDL section at the end of part III.

For each MCM, list each existing or proposed BMP by category and provide a brief description, responsible parties/departments, measurable goals, and the year the BMP will be employed (public education and outreach BMPs also requires a target audience). **Use the drop-down menus in each table or enter your own text to override the drop down menu.**

MCM 1: Public Education and Outreach

BMP Media/Category (enter your own text to override the drop down menu)	BMP Description	Targeted Audience	Responsible Department/Parties (enter your own text to override the drop down menu)	Measurable Goal	Beginning Year of BMP Implementation
Brochures/Pamphlets	Pet Waste Flyer	Residents	ENVIRONMENTAL SECTION (66 ABG/CEIE)	Every other year, HAFB will provide a brochure to all dormitory residents regarding handling of pet waste and provide a copy to temporary lodging facilities to place inside check-in information.	2019
Meeting	Facility Manager's Briefing Presentation	Businesses, Institutions, Commercial Facilities	ENVIRONMENTAL SECTION (66 ABG/CEIE)	HAFB will brief storm water quality issues and guidance once every other year at facility manager's briefing.	2020
Meeting	Construction Project Kick-Off Meetings	Developers (construction) and Contractors	ENVIRONMENTAL SECTION (66 ABG/CEIE)	HAFB will brief storm water quality issues, permit requirements, and inspection reporting at the kick-off meetings for each construction project on base that has potential to affect storm water.	2019

<p>Meeting</p>	<p>Annual Industrial Operational Unit Briefings</p>	<p>Industrial Facilities (CE Roads and Grounds) (CE Operations Supervisors) (Auto Hobby Shop) (Logistics Readiness Squadron)</p>	<p>ENVIRONMENTAL SECTION (66 ABG/CEIE)</p>	<p>HAFB will brief equipment inspection and maintenance; proper storage of industrial materials; proper management and disposal of wastes; proper management of dumpsters; minimization of use of salt or other de-icing/antiicing materials; proper storage of salt or other de-icing/anti-icing materials; and proper maintenance of parking lot surfaces (sweeping) to the identified audience annually</p> <p>2019</p>
<p>School Curricula/Programs</p>	<p>Annual Middle School Earth Day River and/ or Beach Clean-up and Educational Program</p>	<p>Students</p>	<p>ENVIRONMENTAL SECTION (66 ABG/CEIE)</p>	<p>HAFB will organize and host an annual river and/or beach clean-up day.</p> <p>2019</p>
<p>Newspaper Articles/Press Releases</p>	<p>Annual news paper article, press release, and/or social media posting</p>	<p>Employees</p>	<p>PUBLIC AFFAIRS (66 ABG/PA)</p>	<p>Each year, HAFB will issue at least one press release, article in the base paper, and/or social media posting discussing storm water quality.</p> <p>2019</p>
<p>Hotline</p>	<p>24/7 Storm water hotline</p>	<p>All audiences</p>	<p>CE CUSTOMER SERVICE (66 ABG/CEO)</p>	<p>HAFB will continue to operate a storm water hot-line as a part of its 24/7 customer service phone line.</p> <p>2019</p>

Notice of Intent (NOI) for coverage under Small MS4 General Permit

Part III: Stormwater Management Program Summary (continued)

MCM 2: Public Involvement and Participation

BMP Categorization	Brief BMP Description <small>(enter your own text to override the drop down menu)</small>	Responsible Department/Parties <small>(enter your own text to override the drop down menu)</small>	Additional Description/ Measurable Goal	Beginning Year of BMP Imple- mentation
Public Review	SWMP Review	ENVIRONMENTAL SECTION (66 ABG/CEIE)	HAFB will conduct and annual review of its storm water management plan and post public notice of availability in a local paper or on the HAFB public website.	2019
Public Participation	SWMP Review	ENVIRONMENTAL SECTION (66 ABG/CEIE)	In conjunction with the previous line item, HAFB will allow public to comment on its storm water management plan annually	2019

Notice of Intent (NOI) for coverage under Small MS4 General Permit

Part III: Stormwater Management Program Summary *(continued)*

MCM 3: Illicit Discharge Detection and Elimination (IDDE)

BMP Categorization <small>(enter your own text to override the drop down menu)</small>	BMP Description	Responsible Department/Parties <small>(enter your own text to override the drop down menu)</small>	Measurable Goal <small>(all text can be overwritten)</small>	Beginning Year of BMP Implementation
SSO inventory	Develop SSO inventory in accordance with permit conditions	ENVIRONMENTAL SECTION (66 ABG/CEIE)	Complete within 1 year of effective date of permit	2019
Storm sewer system map	Create map and update during IDDE program completion	ENGINEERING SECTION GEOBASE (66 ABG/CEN/ME)	Update map within 2 years of effective date of permit and complete full system map 10 years after effective date of permit	2020
Written IDDE program	Create written IDDE program	External CEIE Contractor	Complete within 1 year of the effective date of permit and update as required	2019
Implement IDDE program	Implement catchment investigations according to program and permit conditions	External CEIE Contractor	Complete 10 years after effective date of permit	2028
Employee training	Train employees on IDDE implementation	ENVIRONMENTAL SECTION (66 ABG/CEIE)	Train annually	2019
Conduct dry weather screening	Conduct in accordance with outfall screening procedure and permit conditions	External CEIE Contractor	Complete 3 years after effective date of permit	2021
Conduct wet weather screening	Conduct in accordance with outfall screening procedure	External CEIE Contractor	Complete 10 years after effective date of permit	2028
Ongoing screening	Conduct dry weather and wet weather screening (as necessary)	External CEIE Contractor	Complete ongoing outfall screening upon completion of IDDE program	2028

Notice of Intent (NOI) for coverage under Small MS4 General Permit

Part III: Stormwater Management Program Summary (continued)

MCM 4: Construction Site Stormwater Runoff Control

BMP Categorization (enter your own text to override the drop down menu or entered text)	BMP Description	Responsible Department/Parties (enter your own text to override the drop down menu)	Measurable Goal (all text can be overwritten)	Beginning Year of BMP Implementation
Site inspection and enforcement of Erosion and Sediment Control (ESC) measures	Complete written procedures of site inspections and enforcement procedures	External CEIE Contractor	Complete within 1 year of the effective date of permit	2019
Site plan review	Complete written procedures of site plan review and begin implementation	ENGINEERING SECTION (66 ABG/CENMP)	Complete within 1 year of the effective date of permit	2019
Erosion and Sediment Control	Adoption of requirements for construction operators to implement a sediment and erosion control program	External CEIE Contractor	Complete within 1 year of the effective date of permit	2019
Waste Control	Adoption of requirements to control wastes, including but not limited to, discarded building materials, concrete truck wash out, chemicals, litter, and sanitary wastes	External CEIE Contractor	Complete within 1 year of the effective date of permit	2019

Notice of Intent (NOI) for coverage under Small MS4 General Permit

Part III: Stormwater Management Program Summary (continued)

MCM 5: Post-Construction Stormwater Management in New Development and Redevelopment

BMP Categorization (enter your own text to override the drop down menu or entered text)	BMP Description	Responsible Department/Parties (enter your own text to override the drop down menu)	Measurable Goal (all text can be overwritten)	Beginning Year of BMP Implementation
As-built plans for on-site stormwater control	The procedures to require submission of as-built drawings and ensure long term operation and maintenance will be a part of the SWMP	ENGINEERING SECTION (66 ABG/CENMP)	Require submission of as-built plans for completed projects	2019
Target properties to reduce impervious areas	Identify at least 5 permittee-owned properties that could be modified or retrofitted with BMPs to reduce impervious areas and update annually	External CEIE Contractor	Complete 4 years after effective date of permit and report annually on retrofitted properties	2022
Allow green infrastructure	Develop a report assessing existing local regulations to determine the feasibility of making green infrastructure practices allowable when appropriate site conditions exist	External CEIE Contractor	Complete 4 years after effective date of permit and implement recommendations of report	2022
Street design and parking lot guidelines	Develop a report assessing requirements that affect the creation of impervious cover. The assessment will help determine if changes to design standards for streets and parking lots can be modified to support low impact design options.	External CEIE Contractor	Complete 4 years after effective date of permit and implement recommendations of report	2022

Notice of Intent (NOI) for coverage under Small MS4 General Permit

Part III: Stormwater Management Program Summary (continued)

MCM 6: Municipal Good Housekeeping and Pollution Prevention

BMP Categorization (enter your own text to override the drop down menu or entered text)	BMP Description	Responsible Department/Parties (enter your own text to override the drop down menu)	Measurable Goal (all text can be overwritten)	Beginning Year of BMP Implementation
O&M procedures	Create written O&M procedures including all requirements contained in 2.3.7.a.ii for parks and open spaces, buildings and facilities, and vehicles and equipment	External CEIE Contractor	Complete and implement 2 years after effective date of permit	2020
Inventory all permittee-owned parks and open spaces, buildings and facilities, and vehicles and equipment	Create inventory	External CEIE Contractor	Complete 2 years after effective date of permit and implement annually	2020
Infrastructure O&M	Establish and implement program for repair and rehabilitation of MS4 infrastructure	External CEIE Contractor	Complete 2 years after effective date of permit	2020
Stormwater Pollution Prevention Plan (SWPPP)	Create SWPPPs for maintenance garages, transfer stations, and other waste-handling facilities	External CEIE Contractor	Complete and implement 2 years after effective date of permit	2020
Catch basin cleaning	Establish schedule for catch basin cleaning such that each catch basin is no more than 50% full and clean catch basins on that schedule	CE OPERATIONS SECTION (66 ABG/CEO)	Clean catch basins on established schedule and report number of catch basins cleaned and volume of material moved annually	2019
Street sweeping program	Sweep all streets and permittee-owned parking lots in accordance with permit conditions	CE OPERATIONS SECTION (66 ABG/CEO)	Sweep all streets and permittee-owned parking lots at least once per year in the spring	2019
Road salt use optimization program	Establish and implement a program to minimize the use of road salt	CE OPERATIONS SECTION (66 ABG/CEO)	Implement salt use optimization during deicing season	2019

Part IV: Notes and additional information

Use the space below to indicate the part(s) of 2.2.1 and 2.2.2 that you have identified as not applicable to your MS4 because you do not discharge to the impaired water body or a tributary to an impaired water body due to nitrogen or phosphorus. Provide all supporting documentation below or attach additional documents if necessary. Also, provide any additional information about your MS4 program below.

Note 1: As a Federal agency which is financed entirely by Federal appropriations, Hanscom AFB is not subject to Commonwealth of Massachusetts open meeting and public notice requirements identified in MGL Chapter 30A, Sections 18 – 25 and therefore takes exception to permit requirements in section 2.3.3(a). Hanscom AFB will utilize the public notice and commenting procedures defined in the Federal National Environmental Policy Act in place of these requirements.

Note 2: In 2008, Hanscom Air Force Base's military family housing area was privatized under the Congressionally-approved Military Housing Privatization Initiative. All infrastructure including streets, utilities, and housing, was transferred to private ownership and is now owned by Hunt Military Communities, a subsidiary of Hunt Companies, Inc. The storm water infrastructure is separate and distinct from the system that remains under USAF ownership. One connection between the base system and the Hunt system currently exists and will be severed within 12 months of this NOI. Therefore, the housing area portion of the system will be exempt from coverage under the Hanscom AFB MS4 permit commencing on the date that the system connection is severed. Until separation of two systems is complete, Hanscom will continue to cover the Hunt-owned housing area under its current SWMP consistent with paragraph 1.10(b) of the general permit.

Note 3: In Section III "Stormwater Management Plan Program Summary", all agencies listed as "responsible department/parties" exist as organizations within the Hanscom AFB organizational structure. Where the responsible party is identified as "External CEIE Contractor", it is anticipated that the Air Force Environmental Fence to Fence Contractor will provide services to assist in the substantial accomplishment of these requirements under the guidance and direction of the USAF. The HAFB Water Quality Program Manager will provide oversight of all activities necessary to comply with this permit.

Note 4: Related to phosphorus impairments - As indicated in Part 2.2.2 of the 2016 MA MS4 General Permit, if the MS4 is located in a designated town, the permittee must comply with the provisions of Appendix H of the 2016 MA MS4 General Permit. Hanscom AFB is located within the Bedford municipality, which is listed in Part 2.2.2.b. Discharges from MS4s within municipalities listed in Part 2.2.2.b are to waterbodies, or their tributaries, that are impaired due to phosphorus (Total Phosphorus). According to the MassDEP Massachusetts Nutrient Management Map, dated 2013, the Shawsheen River is labeled as "nutrient impaired without TMDL". Therefore, control measures to achieve 2016 MA MS4 Appendix H Part III provisions are applicable and will be incorporated into the SWMP.

Part V: 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 gather and evaluate 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, I certify that 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:

Title:

Signature: Digitally signed by SCHLUCKEBIER.THOMAS.J.1092804255 Date: 2018.09.28 13:21:44 -04'00'

Date:

[To be signed according to Appendix B, Subparagraph B.11, Standard Conditions]

Note: When prompted during signing, save the document under a new file name

Attachment 1 - Endangered Species Act (ESA) Determination



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS 66TH AIR BASE GROUP
HANSCOM AIR FORCE BASE MASSACHUSETTS

August 1, 2018

Mr. Scott E. Sheehan
66 ABG/CEIE
120 Grenier Street
Hanscom AFB, MA 01731-1910

Ms. Susi von Oettingen
Endangered Species Program
US Fish and Wildlife Service
70 Commercial Street, Suite 300
Concord, NH 03301-5094

Dear Ms. von Oettingen

Hanscom Air Force Base (AFB) is proposing to renew its Small Municipal Separate Storm Sewer System (MS4) general permit coverage with the Environmental Protection Agency (EPA). In order to obtain coverage, Hanscom AFB must submit a Notice of Intent (NOI) to EPA no later than 1 Sep 2018. This permit authorizes the discharge of non-industrial stormwater from small MS4s as defined at 40 CFR §122.26(b)(16).

In order to meet its obligations under the Clean Water Act and the Endangered Species Act (ESA), the EPA is seeking to ensure the activities regulated by this general permit do not adversely affect endangered and threatened species or critical habitat. Hanscom AFB has determined through professional experience and by preparing a current IPaC report, that the Northern-Long Eared Bat (NLEB) is a protected species within the permit coverage area. Therefore, Hanscom AFB is required to make a determination of affect and, if necessary, obtain concurrence from the USFWS. In summer 2017, Hanscom AFB conducted a bat study. The results of this study (included herein) indicate that the NLEB is not present on Hanscom AFB which includes the area of affect for permit coverage. As a result of these findings, Hanscom AFB has made a determination that the renewal of this permit will have "no effect" on the NLEB nor would it result in a take, prohibited or otherwise, of a Federally-listed species.

While we are not required to formally consult as a result of our determination, we are providing you with an opportunity to review and provide comments prior to NOI submittal. If you have any questions please contact me at (781) 225-6144 or scott.sheehan.1@us.af.mil.

A handwritten signature in blue ink, appearing to read "Scott Sheehan".

SCOTT E. SHEEHAN, GS-12, DAF
Hanscom AFB Natural Resources Manager

Attachment:
Project Information

Project Information:

Hanscom Air Force Base (AFB) is proposing to renew its Small Municipal Separate Storm Sewer System (MS4) general permit coverage with the Environmental Protection Agency (EPA). The notice of intent must be submitted to EPA no later than 1 Sep 2018. This permit authorizes the discharge of stormwater from small MS4s as defined at 40 CFR §122.26(b) (16). This 5-year permit, jointly issued by EPA and MassDEP, requires permittees to meet six minimum control measures in order to discharge stormwater runoff from streets and facilities into state and Federal waters. Hanscom AFB stormwater system discharges its stormwater to the Shawsheen River, the headwaters of which originate on Hanscom AFB. The current MS4 permit coverage for Hanscom AFB was granted in 2008 which was a renewal from its 2003 permit coverage. The 2008 permit has been administrative continued to the present day pending litigation filed by several Massachusetts municipalities against EPA which has recently been resolved.

In order to meet its obligations under the Clean Water Act and the Endangered Species Act (ESA), the EPA is seeking to ensure the activities regulated by this general permit do not adversely affect endangered and threatened species or critical habitat. Applicants applying for permit coverage must assess the impacts of their stormwater discharges and discharge-related activities on federally listed endangered and threatened species ("listed species") and designated critical habitat ("critical habitat") to ensure that those goals are met. Prior to obtaining general permit coverage, applicants must meet the ESA eligibility provisions of this permit by following the steps in this Appendix C of the general permit, a copy of which immediately follows this project description (Exhibit 1).

Hanscom AFB has determined through professional experience and by preparing a current IPaC report (Exhibit 2), that the Northern-Long Eared Bat (NLEB) is a protected species within the permit coverage area. Therefore, Hanscom AFB is required to make a determination of affect and, if necessary, obtain concurrence from the USFWS.

In summer 2017, Hanscom AFB conducted a bat study. The results of this study for Hanscom AFB Main Base (Exhibit 3) indicate that the NLEB is not present on Hanscom AFB. As a result of these findings, Hanscom AFB has made a determination that the renewal of this permit will have "no effect" on the NLEB nor would it result in a take, prohibited or otherwise, of Federally listed species.

Hanscom AFB seeks USFWS concurrence on this determination under Criterion C of the permit application which is defined as: "Using the best scientific and commercial data available, the effect of the stormwater discharge and discharge related activities on listed species and critical habitat have been evaluated. Based on those evaluations, a determination is made by EPA, or by the applicant and affirmed by EPA, that the stormwater discharges and discharge related activities will have "no affect" on any federally threatened or endangered listed species or designated critical habitat under the jurisdiction of the USFWS".

Please contact Scott Sheehan, Hanscom AFB Natural Resources Manager, at (781) 225-6144 or via email at scott.sheehan.1@us.af.mil with any questions.

Exhibit 1: Appendix C of MS4 Permit Renewal Guidance

Exhibit 2: Are of Potential Effect IPaC Report

Exhibit 3: USAF Bat Study (Draft) 2017, relevant to Hanscom AFB



United States Department of the Interior



FISH AND WILDLIFE SERVICE
New England Ecological Services Field Office
70 Commercial Street, Suite 300
Concord, NH 03301-5094
Phone: (603) 223-2541 Fax: (603) 223-0104
<http://www.fws.gov/newengland>

In Reply Refer To:

August 01, 2018

Consultation Code: 05E1NE00-2018-SLI-2585

Event Code: 05E1NE00-2018-E-06046

Project Name: Hanscom AFB - Renewal of MS4 Stormwater Permit - 2018

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan (http://www.fws.gov/windenergy/eagle_guidance.html). Additionally, wind energy projects should follow the wind energy guidelines (<http://www.fws.gov/windenergy/>) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm>; <http://www.towerkill.com>; and <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List
-

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

New England Ecological Services Field Office

70 Commercial Street, Suite 300

Concord, NH 03301-5094

(603) 223-2541

Project Summary

Consultation Code: 05E1NE00-2018-SLI-2585

Event Code: 05E1NE00-2018-E-06046

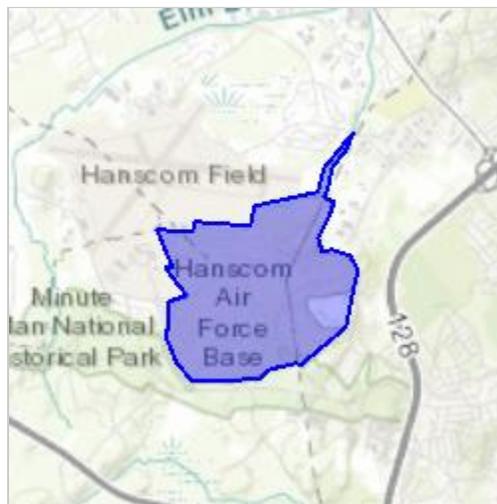
Project Name: Hanscom AFB - Renewal of MS4 Stormwater Permit - 2018

Project Type: ** OTHER **

Project Description: Hanscom Air Force Base (AFB) is proposing to renew its Small Municipal Separate Storm Sewer System (MS4) general permit coverage with the Environmental Protection Agency (EPA). In order to obtain coverage, Hanscom AFB must submit a Notice of Intent (NOI) to EPA no later than 1 Sep 2018. This permit authorizes the discharge of non-industrial stormwater from small MS4s as defined at 40 CFR §122.26(b)(16).

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/42.46149054288284N71.27622766477738W>



Counties: Middlesex, MA

Endangered Species Act Species

There is a total of 1 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Mammals

NAME	STATUS
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9045	Threatened

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

SHEEHAN, SCOTT E GS-12 USAF AFMC 66 ABG/CEIE

From: Susi vonOettingen <susi_vonoettingen@fws.gov>
Sent: Wednesday, August 08, 2018 9:35 AM
To: SHEEHAN, SCOTT E GS-12 USAF AFMC 66 ABG/CEIE
Subject: [Non-DoD Source] Fwd: [EXTERNAL] Hanscom AFB - EPA Stormwater Permit Renewal - No Effect Determination

If EPA gives you push back because you don't have a letter, David suggested you get a form letter from us. See:

https://www.fws.gov/newengland/pdfs/no_spp_present_ltr_2018.pdf

Susi

Susi von Oettingen
Endangered Species Biologist
New England Field Office
70 Commercial Street, Suite 300
Concord, NH 03301
(W) 603-227-6418
(Fax) 603-223-0104

www.fws.gov/newengland <<http://www.fws.gov/newengland>>

----- Forwarded message -----

From: David Simmons <David_Simmons@fws.gov <mailto:David_Simmons@fws.gov> >
Date: Tue, Aug 7, 2018 at 9:52 AM
Subject: RE: [EXTERNAL] Hanscom AFB - EPA Stormwater Permit Renewal - No Effect Determination
To: Susi vonOettingen <susi_vonoettingen@fws.gov <mailto:susi_vonoettingen@fws.gov> >

EPA likely won't accept the Air Force's letter as proof of consultation, so recommend Mr. Sheehan submit our "no species present" letter with the NOI to EPA. EPA added a link to our letter on its MS4 website for MA and NH (<https://www.epa.gov/npdes-permits/small-ms4-noi-resources-list-ma-nh#ma>).

----- Forwarded message -----

From: SHEEHAN, SCOTT E GS-12 USAF AFMC 66 ABG/CEIE <scott.sheehan.1@us.af.mil <mailto:scott.sheehan.1@us.af.mil> >

Date: Thu, Aug 2, 2018 at 2:12 PM

Subject: [EXTERNAL] Hanscom AFB - EPA Stormwater Permit Renewal - No Effect Determination

To: vonOettingen, Susi <susi_vonoettingen@fws.gov <mailto:susi_vonoettingen@fws.gov> >

Cc: WELCH, RENATA N NH-03 USAF AFMC 66 ABG/CEIE <renata.welch@us.af.mil <mailto:renata.welch@us.af.mil> >

Susi,
Per our discussion and for your information, attached is our documentation regarding our MS4 permit renewal and no effect determination.

Kind regards,
Scott Sheehan

//signed//
SCOTT E. SHEEHAN, GS-12, DAF
66 ABG/CEIE
Commercial 781.225.6144
DSN 845.6144



United States Department of the Interior



FISH AND WILDLIFE SERVICE

New England Field Office
70 Commercial Street, Suite 300
Concord, NH 03301-5087
<http://www.fws.gov/newengland>

January 8, 2018

To Whom It May Concern:

This project was reviewed for the presence of federally listed or proposed, threatened or endangered species or critical habitat per instructions provided on the U.S. Fish and Wildlife Service's New England Field Office website:

<http://www.fws.gov/newengland/EndangeredSpec-Consultation.htm> (accessed January 2018)

Based on information currently available to us, no federally listed or proposed, threatened or endangered species or critical habitat under the jurisdiction of the U.S. Fish and Wildlife Service are known to occur in the project area(s). Preparation of a Biological Assessment or further consultation with us under section 7 of the Endangered Species Act is not required. No further Endangered Species Act coordination is necessary for a period of one year from the date of this letter, unless additional information on listed or proposed species becomes available.

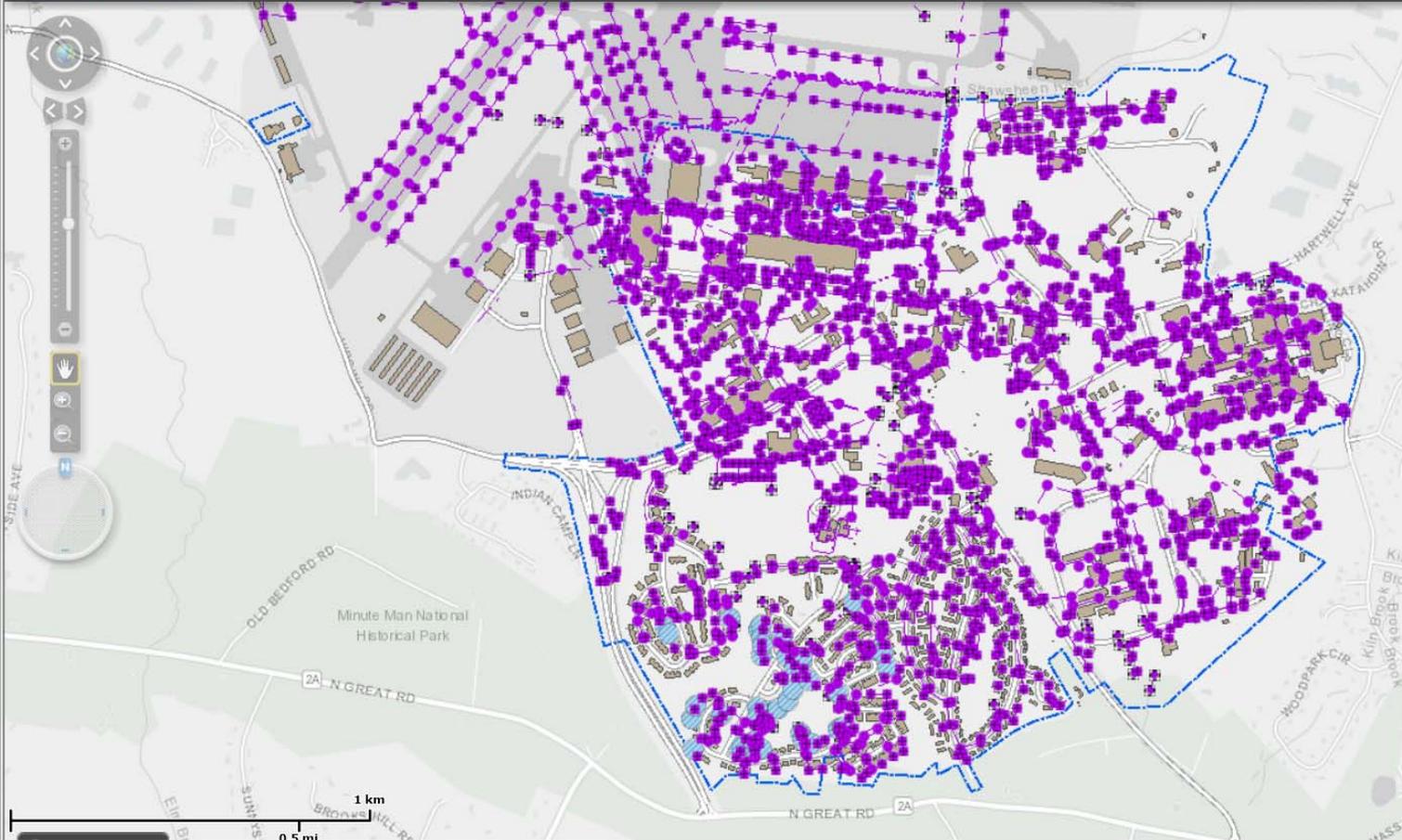
Thank you for your cooperation. Please contact David Simmons of this office at 603-227-6425 if we can be of further assistance.

Sincerely yours,

Thomas R. Chapman
Supervisor
New England Field Office

Attachment 2 - MS4 Map

Hanscom AFB maintains a detailed accurate map and inventory of its stormwater infrastructure and outfalls in its internal Geographical Information System (GIS) known as GeoBASE. Hanscom AFB installation and utility maps are prohibited from public release for reasons of national security and are not available online. This information is available upon a regulator's request on a per-request and need-to-know basis. Attached is a non-sensitive depiction of the type of stormwater data included within the Hanscom AFB GeoBASE system.



Map Layers

- Utilities
 - Utility Communication
 - Utility Electrical
 - Utility Fuel
 - Utility Gas
 - Utility Misc
 - Utility Sewer
 - Utility Storm Water
 - Storm-Inlet
 - Storm-Manhole
 - Storm-Storage Reservoir
 - Storm-Discharge
 - Storm-Gravity Line
 - Storm-Culvert
 - Storm-Open Drainage Line
 - Storm-Abandoned-Gravity Line
 - Storm-Abandoned-Culvert
 - Label-Gravity Line
 - Label-Culvert
 - SegmentID-Gravity Line
 - SegmentID-Culvert
 - SegmentID-Open Drainage Line
 - Utility Thermal
 - Utility Water
- Snow Removal
- Thermal
- Base Layers