

COUNTY OF SUFFOLK



STEVEN BELLONE
COUNTY EXECUTIVE

DEPARTMENT OF ECONOMIC DEVELOPMENT AND PLANNING COUNCIL ON ENVIRONMENTAL QUALITY

Tom Gulbransen
Chairperson
CEQ

MEMORANDUM

TO: Involved/Interested Agencies

FROM: John Corral, Environmental Projects Coordinator *JC*

DATE: October 20, 2022

RE: SEQRA Coordination for the Proposed Air Traffic Control Tower Replacement Project at Suffolk County Gabreski Airport, Town of Southampton

Suffolk County has started the State Environmental Quality Review Act (SEQRA) environmental review process for the Proposed Air Traffic Control Tower Replacement Project at Suffolk County Gabreski Airport, Town of Southampton. The proposed project involves the construction of a new Air Traffic Control Tower at Gabreski Airport. The Tower is proposed to be 164 feet tall to the top of the Tower antennas. The project also includes the clearance of 22 acres of vegetation. All vegetative clearance will take place on the airfield between the runways and taxiways in an area designed by the Gabreski Airport Proposed Land Use Plan as "Future Clearing". After the new tower is completed the old air traffic control tower will be removed. The new tower is being developed as a safety improvement project. The existing air traffic control tower is well past its useful life and does not meet current building codes and FAA requirements. The new tower will meet current building codes and FAA air traffic control tower standards and requirements.

In accordance with Title 6 NYCRR Part 617.6(a) and (b) the Suffolk County has preliminarily reviewed this project and determined that it constitutes a Type I Action. As an Involved/Interested Agency, you are hereby notified that Suffolk County intends to assume Lead Agency status and comply with all necessary SEQRA requirements. Any objections to the County's position should be received within thirty days of the date of this mailing.

Enclosed is an Environmental Assessment Form for the above referenced County project which has been submitted to the Suffolk County Council on Environmental Quality (CEQ) for review. Pursuant to Chapter 450 of the Suffolk County Code, the CEQ must make a SEQRA recommendation to the Suffolk County Legislature. This CEQ recommendation must include a SEQRA classification for the action and a determination as to whether the proposed action may have a significant adverse impact on the environment which would require the preparation of a Draft Environmental Impact Statement (DEIS).

The CEQ would like to know any comments you may have regarding this proposal and whether you think a DEIS or a determination of non-significance is warranted. This project will be discussed at the **November 9, 2022 CEQ meeting via Zoom**. The Zoom meeting instructions are on the last page of this Memo. If you are unable to attend the meeting to present your views, please forward any comments you may have to this office prior to the date of the meeting.

JC/cd

Enc.

cc: José Moreno, Airport Planner, FAA NY District
Jonathan DeLaune, Environmental Specialist, FAA NY District
Janine Abyad, FAA Civil Engineer, FAA NY District
Lowell Lingo, Director, Aviation Bureau, NYSDOT
Cathy Haas, Acting Regional Director, NYSDEC
Robert Calarco, Assistant Regional Director, NYSDEC
Sue Ackerman, Regional Permit Administrator, NYSDEC
Judy Jakobsen, Executive Director, New York State Central Pine Barrens Commission
Sarah Lansdale, Commissioner, Suffolk County Department of Economic Development and Planning
Christopher Gonzalez, Chief Deputy Commissioner, Suffolk County Department of Economic Development and Planning
Elisa Picca, Deputy Commissioner, Suffolk County Department of Economic Development and Planning
Andrew P. Freleng, Chief Planner, Suffolk County Department of Economic Development and Planning, Division of Planning & Environment
Josh Smith, Airport Director, Suffolk County Gabreski Airport, Suffolk County Department of Economic Development and Planning
Walter Dawydiak, Director, Division of Environmental Quality, Suffolk County Department of Health Services
Ken Zegel, Principal Public Health Engineer, Suffolk County Department of Health Services
Joseph Brown, Commissioner, Suffolk County Department of Public Works
Donald G. Lynch, Chief Fire Marshall, Suffolk County Department of Fire, Rescue, Emergence Services
Hon. Bridget Fleming, Suffolk County Legislator, District 2
Hon. Jay Schneiderman, Supervisor, Town of Southampton
David Wilcox, Director of Planning, Town of Southampton
Marty Shea, Chief Environmental Analyst, Town of Southampton
Harry Ludlow, Chair CAC, Town of Southampton

INSTRUCTIONS FOR ZOOM: You need to download the free software and sign in. Go to meetings and enter the ID Number.

Topic: CEQ MEETING

Time: November 9, 2022 09:30 AM Eastern Time (US and Canada)

Join Zoom Meeting

<https://suffolkny.zoom.us/j/84119740668?pwd=WDNKQjhGODg0cUZPeUFPenc4cEMwdz09>

Meeting ID: 841 1974 0668

Passcode: 843193

One tap mobile

+19294362866,,84119740668# US (New York)

+13017158592,,84119740668# US (Washington DC)

Dial by your location

+1 929 436 2866 US (New York)

+1 301 715 8592 US (Washington DC)

+1 312 626 6799 US (Chicago)

+1 253 215 8782 US (Tacoma)

+1 346 248 7799 US (Houston)

+1 669 900 6833 US (San Jose)

Meeting ID: 841 1974 0668

Find your local number: <https://suffolkny.zoom.us/j/kvUqBYHg2>

SUFFOLK COUNTY
FULL ENVIRONMENTAL ASSESSMENT FORM
6 NYCRR Part 617
State Environmental Quality Review

Part 1 – Environment and Setting

Instructions: Part 1 is to be completed by the applicant or project sponsor. Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information; indicate whether missing information does not exist, or is not reasonably available to the sponsor; and, when possible, generally describe work or studies which would be necessary to update or fully develop that information. If a question is not applicable to the proposed project indicate with “N/A”.

Applicants/sponsors must complete all items in Sections A & B. In Sections C, D & E, most items contain an initial question that must be answered either “Yes” or “No”. If the answer is “Yes”, complete the sub-questions that follow. If the answer to the initial question is “No”, proceed to the next question. Section F allows the project sponsor to identify and attach any additional information. Section G requires the name and signature of the project sponsor to verify that the information contained in Part 1 is accurate and complete.

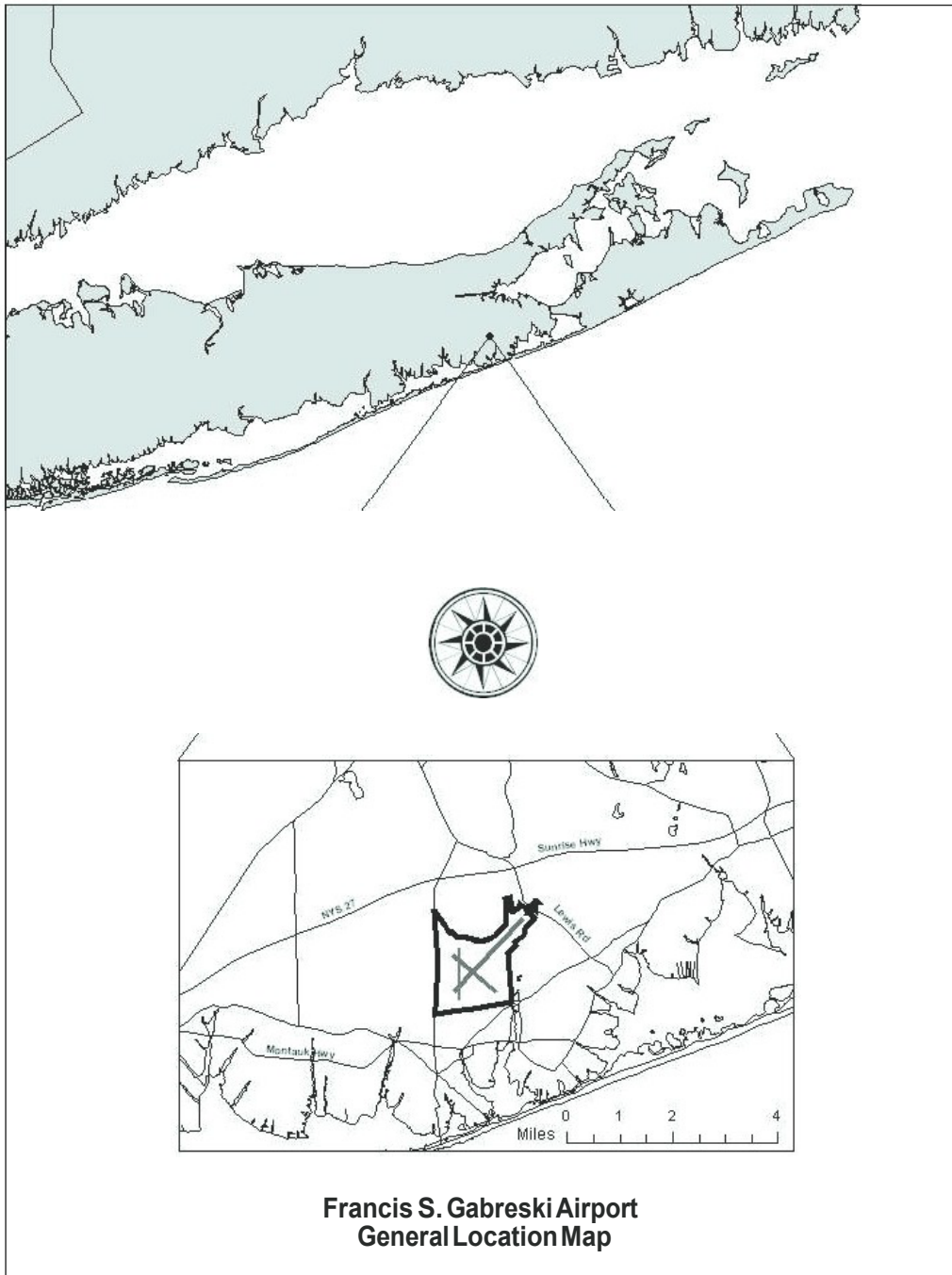
A. Project and Sponsor Information

Name of Action/Project: Proposed Air Traffic Control Tower Replacement Project
Project Location (specify Town, Village, Hamlet and attach general location map*): Suffolk County Francis S. Gabreski Airport, Town of Southampton
Street Address: Old Riverhead Road, (CR31), Westhampton Beach, Town of Southampton, NY
Name of Property or Waterway: Suffolk County Francis S. Gabreski Airport

* Maps of Property and Project: Attach relevant available maps including a location map (note: use road map, Hagstrom Atlas, USGS topography map, tax map or equivalent) and preliminary site plans showing orientation, scale, buildings, roads, landmarks, drainage systems, area to be altered by project, etc.

Type of Project: New ☒ Expansion ☐

Capital Program: Item # 5709 Date Adopted: Amount: \$12,908,700



**Gabreski Airport
Southampton, NY**



In 1943, the United States government built the airport for use as an Air Force Base during World War II. After the war it was given to Suffolk County, but it was reclaimed in 1951 for the Korean War National Emergency. In 1960, it was leased by the US Air Force for an Air Defense Command (ADC) base that served as home to the 52nd Fighter Wing from 1963 through 1968. The base was deactivated in 1969 and released back to Suffolk County.

On July 12th, 1972, the federal government, acting by and through the General Services Administration, signed a "Quitclaim Deed" with the County of Suffolk, which conveyed the former Air Base property to the County "for the development, improvement and operation and maintenance of the airport" under the oversight of the FAA. The covenant and restrictions are enforceable through a reverter clause contained in the deed.

The following excerpts were extracted from the Airport Compliance Handbook (Order 5190.6A) which is used by the Federal Aviation Administration (FAA) to determine and enforce compliance with the terms and conditions of surplus property transfers and grant obligations - both of which apply to Gabreski Airport.

Section 1-3 - **BACKGROUND OF AIRPORT OBLIGATIONS.** The Federal Aviation Act of 1958 and the Civil Aeronautics Act of 1938 which preceded it charges the Administrator with broad responsibilities for the regulation of air commerce in the interests of safety and national defense and for the promotion, encouragement, and development of civil aeronautics. Under these broad powers the FAA seeks to achieve safety and efficiency of the total airspace system through direct regulation of airman, aircraft, and the airspace. The Federal interest in promoting civil aviation has been augmented by various legislative actions, which authorize programs for granting property, funds, and other assistance to local communities for the development of airport facilities. In each program the recipient assumes certain obligations, either by contract or by restrictive covenants in property deeds, to maintain and operate its airport facilities safely and efficiently and in accordance with specified conditions. Commitments assumed by airport owners in deeds or grant agreements have been generally successful in maintaining a high degree of safety and efficiency in airport design, construction, operation and maintenance. The Airports Compliance Program embraces the policy and guidelines of the FAA for monitoring the performance of airport owners under its obligations to the Federal Government.

Section 1-5 - **AUTHORITY.** Responsibility to ensure compliance with airport owner obligations is vested in, or imposed on, the FAA by law or through FAA contractual authority.

a. Surplus Property Transfers. Surplus property instruments of transfer were, and are, issued by the War Assets Administration (WAA) and its successor, the General Services Administration (GSA). However, Public Law (P.L.) 81-311 specifically imposes upon FAA the sole responsibility for determining and enforcing compliance with the terms and conditions of all instruments of transfer by which surplus airport property is or has been conveyed to non-Federal public agencies pursuant to the Surplus Property Act of 1944.

Section 4-13 - The owner of any airport developed with Federal grant assistance is required to operate it for the use and benefit of the public and to make it available to all types, kinds and classes of aeronautical activity on fair and reasonable terms and without unjust discrimination. A parallel obligation is implicit in the terms of conveyance of Federal property for airport

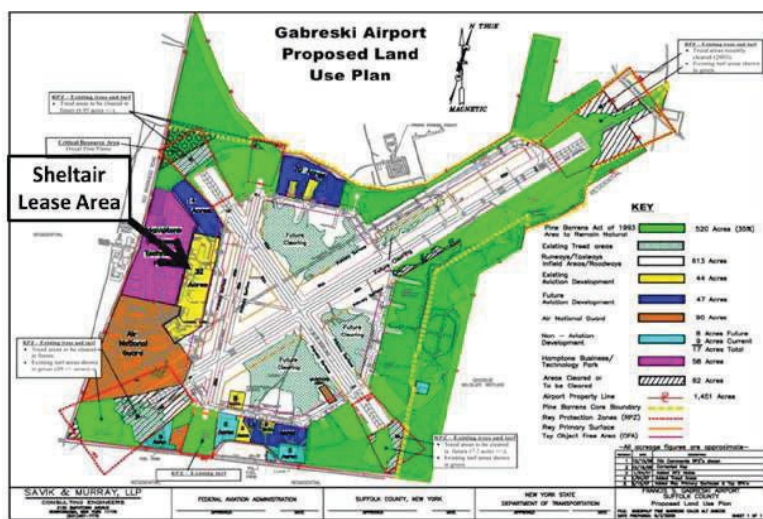
purposes under the Surplus Property Act. Land transfers under Section 16, Section 23, or Section 516 are authorized by the same statutes and for the same purposes as grants under FAAP, ADAP, and AIP and the same obligations will apply.

4-15 - The prime obligation of the owner of a federally assisted airport is to operate it for the use and benefit of the public. The public benefit is not assured merely by keeping the runways open to all classes of users. While the owner is not required to construct hangars and terminal facilities, it has the obligation to make available suitable areas or space on reasonable terms to those who are willing and otherwise qualified to offer flight services to the public (i.e., air carrier, air taxi, charter, flight training, crop dusting, etc.) or support services (i.e., fuel, storage, tie down, flight line maintenance, etc.) to aircraft operators.

In 1990, after two initial studies in 1971 and 1980, the Suffolk Legislature and County Executive in Resolution No. 1145-1990 approved the Airport Study and Master Plan as being in "the County's best interest." That plan provides the policy and guideline for determining short range needs as well as the consideration of long range forecasts for the future use and development at the Suffolk County Airport, including existing and potential use of the airport for aviation purposes, Air National Guard purposes and industrial purposes. It further Specifies that the primary purpose of the County's airport property is aviation, with its essential operating surfaces such as runways and taxiways, to provide maximum operational efficiency and safety. The plan further states that the itinerant aircraft apron will need to be expanded beyond its present parking capacity on the flight line in order to meet forecast demands.

The current proposed action is for construction of a new Air Traffic Control Tower on airport property. The site designated for the new Air Traffic Control Tower is in a previously disturbed area between the airport terminal building and aircraft parking apron. The proposed project is in conformance with the Airport Layout Plan and Proposed Airport Land Use Plan.

The new Air Traffic Control Tower is a safety and security improvement for Gabreski Airport. This upgrade to critical infrastructure was determined to be required in a 2003 renovation/ replacement study completed by Greenman-Pedersen, Inc., with the determination of a new tower being the outcome.



Brief Description of Proposed Action (include purpose or need/attach relevant design reports, plans, etc.): The proposed project is for construction of a new air traffic control tower at Francis S. Gabreski Airport. A replacement/rehabilitation study was completed by Greenman-Pedersen, Inc. in 2003 which studied the viability of renovating the existing tower (which was built in the early 1940's) or to replace the tower. The final determination was to build a new air traffic control tower.

The existing air traffic control tower was built in the early 1940's by the military and is well past its useful life. The tower is too short for Federal Aviation Administration (FAA) visibility standards, is not current with air traffic control tower security standards, does not meet the current fire/life/safety building codes, and has concrete stucco peeling off of the concrete block walls (posing a safety hazard for people on the ground). The current air traffic control tower equipment is aged and frequently goes in and out of service causing problems for the air traffic controllers and impacting safety at the airport.

A new tower will be built to the current fire/life/safety building codes, current security and access control measures, and will be built to the appropriate FAA designated height for the visibility to the airport Runway ends and hold short lines. This project will have substantial positive benefits to aviation safety due to the reasons mentioned.

The project started in 2003 with the tower replacement or renovation study. Once the tower was determined to need a full replacement the airport began working with the FAA to secure funding for a site selection study, which is the first phase of the FAA Airport Improvement Program project. The site selection study reviewed 10 different locations around the airport property and after a significant review and review panel, Site 7 was selected. It was selected due to its ability to meet all siting criteria with high recognition and discrimination visibility characteristics and low residual risk hazards as determined by applying the FAA Safety Management Systems. Site 7 is located approximately 200' north northeast of the existing tower in a predisturbed grassy field in front of the airport terminal building and next to the public aircraft parking ramp. (See project location map)

After the Phase I site selection study, the airport began the NEPA environmental review. With the assistance of the FAA, DEC, NFWS, and USDA the airport submitted a categorically excluded form for approval. On March 21, 2022 the FAA approved the Categorical Exclusion determination. This Categorical Exclusion determination indicates that the proposed project will not have a significant adverse impact on the environment, that no additional NEPA environmental review is required, and that the NEPA environmental review requirements have been satisfied. Please see FAA NEPA CATEX Summary Attachment for additional information regarding this completed NEPA environmental review process.

In January 2022 the airport submitted a grant application to the FAA for Phase III design funding. The airport anticipates receiving the grant offer in October of 2022. Once approved design will begin. The design phase will also contain the bid documents and bid review for construction. The airport anticipates going to bid in early 2023.

Construction funding is being requested through FAA AIP, Infrastructure BIL, and earmark funding opportunities. If funding is secured before 2024 then the airport can start construction. If not the airport anticipates receiving FAA funding in 2024 which would give a construction start date of mid-2024.

The new tower is planned to be 164' tall to the top of the antennas. The height was determined by the FAA visibility study requirements. The proposed project also includes approximately 22 acres of tree/vegetative clearing. This clearing is required by the FAA as part of the Tower Replacement project. As indicated in the attached project location map the proposed tree clearing is proposed to take place on the airfield between the runways and the taxiways (See project location map). This vegetation is currently blocking the view of the airport's east and south taxiways. The proposed clearing areas have been designated as "future clearing" areas on the Gabreski Airport Proposed Land Use Plan (See Ecological Resources Attachment for additional information). After the construction of the new airport tower the proposed project also involves the demolition and removal of the existing airport tower. The proposed project is not anticipated to significantly impact airport operations.

The Airport Noise Mitigation Work Group and Airport Community Advisory Board members have been informed about the new tower. The new tower is not anticipated to increase or decrease air traffic and is being developed as a safety/infrastructure improvement.

Project Status:

	Start	Completion
Proposal		
Study	2018	2022

Preliminary Planning	2022	2024
Final Plans: Specs	2022	2024
Site Acquisition	1970	
Construction	2023	2026
Other		

Departments Involved:

Dept. Performing Design &
Construction

Initiating Dept. (if different)

Name:	Suffolk County Department of Economic Development and Planning	Suffolk County Department of Economic Development and Planning
Street/PO:	Gabreski Airport Admin Building #1	Gabreski Airport Admin Building #1
City, State:	Westhampton Beach, NY	Westhampton Beach, NY
Zip:	11978	11978
Contact Person:	Joshua Smith	Joshua Smith
Business Phone:	631-852-8095	631-852-8095
Email:	Joshua.Smith@suffolkcountyny.gov	Joshua.Smith@suffolkcountyny.gov

B. Government Approvals, Funding or Sponsorship

("Funding" includes grants, loans, tax relief and any other forms of financial assistance)

Government Entity			If "Yes": Identify Agency and Approval(s) Required	Application Date (Actual or Projected)
i. City Council, Town Board or Village Board of Trustees	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		
ii. City, Town or Village Planning Board or Commission	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		
iii. City, Town or Village Zoning Board of Appeals	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		
iv. Other local agencies	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		
v. County agencies	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Suffolk County Health Department - Sanitary and Toxic Substances, Suffolk County Department of Public Works - Building Permits, Suffolk County Fire Marshall - Fire Code Approvals, Suffolk County Legislature - SEQRA and Project Authorization	
vi. Regional agencies	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		
vii. State agencies	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NYSDEC- SPDES Stormwater General Permit and possible incidental take of endangered/threatened species	
viii. Federal agencies	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Federal Aviation Administration - Design/Bid/Construction Documents. 7460 Airspace Review. Full commissioning of new tower and decommissioning of old tower.	

<p>ix. Coastal Resources Is the project site within a Coastal Area or the waterfront area of a Designated Inland Waterway?</p> <p>If YES,</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%; padding: 2px;">Is the project site located in a community with an approved Local Waterfront Revitalization Program?</td> <td style="width: 30%; padding: 2px;">Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> <tr> <td style="padding: 2px;">Is the project site within a Coastal Erosion Hazard Area?</td> <td style="padding: 2px;">Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> </table>	Is the project site located in a community with an approved Local Waterfront Revitalization Program?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Is the project site within a Coastal Erosion Hazard Area?	Yes <input type="checkbox"/> No <input type="checkbox"/>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
Is the project site located in a community with an approved Local Waterfront Revitalization Program?	Yes <input type="checkbox"/> No <input type="checkbox"/>				
Is the project site within a Coastal Erosion Hazard Area?	Yes <input type="checkbox"/> No <input type="checkbox"/>				

C. Planning and Zoning

C.1. Planning and Zoning Actions					
Will administrative or legislative adoption or amendment of a plan, local law, ordinance, rule or regulation be the only approval(s) which must be granted to enable the proposed action to proceed?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				
C.2. Adopted Land Use Plans					
<p>a. Do any municipally-adopted (city, town, village or county) comprehensive land use plan(s) include the site where the proposed action would be located?</p> <p>If Yes:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; padding: 2px;">Does the comprehensive plan include specific recommendations for the site where the proposed action would be located?</td> <td style="padding: 2px;">See attached conformance to existing comprehensive or project master plans and Gabreski Airport Proposed Land Use Plan map.</td> </tr> <tr> <td style="padding: 2px;">Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></td> <td></td> </tr> </table>	Does the comprehensive plan include specific recommendations for the site where the proposed action would be located?	See attached conformance to existing comprehensive or project master plans and Gabreski Airport Proposed Land Use Plan map.	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>
Does the comprehensive plan include specific recommendations for the site where the proposed action would be located?	See attached conformance to existing comprehensive or project master plans and Gabreski Airport Proposed Land Use Plan map.				
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					
<p>b. Is the site of the proposed action within any local or regional special planning district (i.e. Greenway Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; et. al)?</p> <p>If Yes, identify the plan(s):</p> <div style="border: 1px solid black; padding: 2px;">Central Pine Barrens: Compatible Growth Area</div>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>				
<p>c. Is the proposed action located wholly or partially within an area listed in an adopted municipal open space plan, or an adopted municipal farmland protection plan?</p> <p>If Yes, identify the plan(s):</p> <div style="border: 1px solid black; height: 15px; width: 100%;"></div>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>				
C.3. Zoning					
<p>a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance?</p> <p>If Yes, what is the zoning classification(s) including any applicable overlay district?</p> <div style="border: 1px solid black; padding: 2px;">Town of Southampton Zoning: LI 200 (Light Industrial) Aquifer Protection Overlay</div>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>				
b. Is the use permitted or allowed by a special or conditional use permit?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				
<p>c. Is a zoning change requested as part of the proposed action?</p> <p>If Yes, what is the proposed new zoning for the site?</p> <div style="border: 1px solid black; height: 15px; width: 100%;"></div>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>				
C.4. Existing Community Services					
a. In what school district is the project site located? Westhampton Beach School District					

b.	What police or other public protection forces serve the project site? Suffolk County Sheriff, Air National Guard Security Forces, Westhampton Beach Police, Southampton Town Police
c.	Which fire protection and emergency medical services serve the project site? Westhampton Beach Fire Department and Air National Guard Fire Rescue
d.	What parks serve the project site? N/A - Proposed aviation project on existing airport property will not create a demand for or utilize parks

D. **Project Details**

D.1. Proposed and Potential Development							
a. What is the general nature of the proposed action? (if mixed, include all components) Residential <input type="checkbox"/> ; Industrial <input type="checkbox"/> ; Commercial <input type="checkbox"/> ; Recreational <input type="checkbox"/> ; Other <input checked="" type="checkbox"/> Aviation							
b. Total acreage of the site of the proposed action:	22.4 acres						
c. Total acreage to be physically disturbed:	22.4 acres						
d. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor:	1,451 acres						
e. Is the proposed action an expansion of an existing project or use? If Yes , what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet, etc.)? <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>						
f. Is the proposed action a subdivision, or does it include a subdivision? If Yes: i. Purpose or type of subdivision? (if mixed, specify types) Residential <input type="checkbox"/> ; Industrial <input type="checkbox"/> ; Commercial <input type="checkbox"/> ; Recreational <input type="checkbox"/> ; Other <input checked="" type="checkbox"/> Aviation ii. <table border="1" style="width: 100%;"> <tr> <td>Is a cluster/conservation layout proposed?</td> <td>Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> <tr> <td>Number of lots proposed:</td> <td></td> </tr> <tr> <td>Minimum and maximum proposed lot sizes:</td> <td></td> </tr> </table>	Is a cluster/conservation layout proposed?	Yes <input type="checkbox"/> No <input type="checkbox"/>	Number of lots proposed:		Minimum and maximum proposed lot sizes:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Is a cluster/conservation layout proposed?	Yes <input type="checkbox"/> No <input type="checkbox"/>						
Number of lots proposed:							
Minimum and maximum proposed lot sizes:							

<p>g. Will proposed action be constructed in multiple phases?</p> <p>If No, What is the anticipated period of construction?</p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">2 Years</div> <p>If Yes:</p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Total number of phases anticipated:</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Anticipated commencement date of phase I (including demolition):</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Anticipated completion date of final phase:</div> <div style="border: 1px solid black; padding: 2px;">Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases:</div>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>															
<p>h. Does the project include new residential uses?</p> <p>If Yes, show number of units proposed.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 20%;"></th> <th style="width: 20%;">Single Family</th> <th style="width: 20%;">Two Family</th> <th style="width: 20%;">Three Family</th> <th style="width: 20%;">Multi-Family (4+)</th> </tr> </thead> <tbody> <tr> <td>Initial Phase</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>At Completion</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Single Family	Two Family	Three Family	Multi-Family (4+)	Initial Phase					At Completion					Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
	Single Family	Two Family	Three Family	Multi-Family (4+)												
Initial Phase																
At Completion																
<p>i. Does the proposed action include new non-residential construction (including expansions)?</p> <p>If Yes:</p> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Total Number of Structures: 1</div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Dimensions of largest proposed structure: 164 ft tall</div> <div style="border: 1px solid black; padding: 2px;">Approximate extent of building space to be heated or cooled: Full</div>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>															

<p>j. Does the proposed action include construction or other activities that will result in the impoundment of any liquids, such as creation of a water supply, reservoir, pond, lake, waste lagoon or other storage?</p> <p>If Yes:</p>							
<table border="1"> <tr> <td>Purpose of the impoundment:</td> </tr> <tr> <td>If a water impoundment, the principal source of the water: Ground Water <input type="checkbox"/>; Surface Water Streams <input type="checkbox"/>; Other <input type="checkbox"/> (specify):</td> </tr> <tr> <td>If other than water, identify the type of impounded/contained liquids and their source:</td> </tr> <tr> <td>Approximate size of the proposed impoundment (include units): Volume: Surface area:</td> </tr> <tr> <td>Dimensions of the proposed dam or impounding structure:</td> </tr> <tr> <td>Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete):</td> </tr> </table>	Purpose of the impoundment:	If a water impoundment, the principal source of the water: Ground Water <input type="checkbox"/> ; Surface Water Streams <input type="checkbox"/> ; Other <input type="checkbox"/> (specify):	If other than water, identify the type of impounded/contained liquids and their source:	Approximate size of the proposed impoundment (include units): Volume: Surface area:	Dimensions of the proposed dam or impounding structure:	Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete):	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
Purpose of the impoundment:							
If a water impoundment, the principal source of the water: Ground Water <input type="checkbox"/> ; Surface Water Streams <input type="checkbox"/> ; Other <input type="checkbox"/> (specify):							
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Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete):							
<p>D.2. Project Operations</p>							
<p>a. Does the proposed action include any excavation, mining or dredging, during construction, operations or both? (Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite)</p> <p>If Yes:</p> <table border="1"> <tr> <td>What is the purpose of the excavation or dredging?</td> </tr> <tr> <td>How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site? Volume: Over what duration of time:</td> </tr> <tr> <td>Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them:</td> </tr> </table>	What is the purpose of the excavation or dredging?	How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site? Volume: Over what duration of time:	Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them:	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>			
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<p>D.2.a (cont.) – only answer following if checked “Yes” above</p>							
<table border="1"> <tr> <td>Will there be onsite dewatering or processing of excavated materials? If Yes, describe:</td> </tr> <tr> <td>What is the total area to be dredged or excavated?</td> </tr> <tr> <td>What is the maximum area to be worked at any one time?</td> </tr> <tr> <td>What would be the maximum depth of excavation or dredging?</td> </tr> <tr> <td>Will the excavation require blasting?</td> </tr> <tr> <td>Summarize site reclamation goals and plans:</td> </tr> </table>	Will there be onsite dewatering or processing of excavated materials? If Yes, describe:	What is the total area to be dredged or excavated?	What is the maximum area to be worked at any one time?	What would be the maximum depth of excavation or dredging?	Will the excavation require blasting?	Summarize site reclamation goals and plans:	
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What is the maximum area to be worked at any one time?							
What would be the maximum depth of excavation or dredging?							
Will the excavation require blasting?							
Summarize site reclamation goals and plans:							

- b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, water body, shoreline, beach or adjacent area?

If Yes:

Identify the wetland or water body which would be affected (by name, water index number, wetland map number or geographic description):

Describe how the proposed action would affect that water body or wetland, e.g. excavation, fill, placement of structures or creation of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square feet or acres:

Will proposed action cause or result in disturbance to bottom sediments?
If Yes, describe:

Will proposed action cause or result in the destruction or removal of aquatic vegetation?

If Yes:

Area of vegetation proposed to be removed:

Expected acreage of aquatic vegetation remaining after project completion:

Purpose of proposed removal (e.g., beach clearing, invasive control, boat access):

Proposed method of plant removal:

If chemical/herbicide treatment will be used, specify product(s):

Describe any proposed reclamation/mitigation following disturbance:

Yes ☐ No ☒

<p>c. Will the proposed action use or create a new demand for water?</p> <div style="border: 1px solid black; padding: 2px; margin: 5px 0;"> <p>If Yes: Yes, the water demand will transfer from the existing tower to the replacement tower.</p> </div> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p>Total anticipated water usage/demand per day: 40 gallons/day</p> </div> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p>Will the proposed action obtain water from an existing public water supply?</p> <p>If Yes:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 5px;"> <tr> <td style="width: 30%;">Name of district/service area:</td> <td>SCWA</td> </tr> </table> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> <p>Does the existing public water supply have capacity to serve the proposal? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> <p>Is the project site in the existing district? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> </div> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;"> <p>Is expansion of the district needed? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p> </div> <div style="border: 1px solid black; padding: 2px;"> <p>Do existing lines serve the project site? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> </div> </div> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p>Will line extension within an existing district be necessary to supply the project?</p> <p>If Yes:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 5px;"> <tr> <td style="height: 30px; vertical-align: top;">Describe extensions or capacity expansions proposed to serve this project:</td> </tr> <tr> <td style="height: 30px; vertical-align: top;">Source(s) of supply for the district:</td> </tr> </table> </div> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p>Is a new water supply district or service area proposed to be formed to serve the project site?</p> <p>If Yes:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 5px;"> <tr> <td style="height: 30px; vertical-align: top;">Applicant/sponsor for new district:</td> </tr> <tr> <td style="height: 30px; vertical-align: top;">Date application submitted or anticipated:</td> </tr> <tr> <td style="height: 30px; vertical-align: top;">Proposed source(s) of supply for new district:</td> </tr> </table> </div> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p>If a public water supply will not be used, describe plans to provide water supply for the project:</p> </div> <div style="border: 1px solid black; padding: 5px;"> <p>If water supply will be from wells (public or private), what will be the maximum pumping capacity?</p> </div>	Name of district/service area:	SCWA	Describe extensions or capacity expansions proposed to serve this project:	Source(s) of supply for the district:	Applicant/sponsor for new district:	Date application submitted or anticipated:	Proposed source(s) of supply for new district:	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>
Name of district/service area:	SCWA							
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Date application submitted or anticipated:								
Proposed source(s) of supply for new district:								

d. Will the proposed action generate liquid wastes?

If Yes:

Total anticipated liquid waste generation per day: 40 gallons/day

Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination describe all components and approximate volumes or proportions of each):

If sanitary wastewater identify proposed disinfection technology and treatment goals for the following:

Disinfection technology:

Nitrogen:

Phosphorus:

Total Suspended Solids (TSS):

Biological Oxygen Demand (BOD):

Will the proposed action use any existing public wastewater treatment facilities?

If Yes:

Name of wastewater treatment plant to be used: Gabreski Airport Treatment Facility

Name of district: Gabreski Airport STP

Does the existing wastewater treatment plant have capacity to serve the project?

Yes ☒ No ☐

Is the project site in the existing district?

Yes ☒ No ☐

Is expansion of the district needed?

Yes ☐ No ☒

Do existing sewer lines serve the project site?

Yes ☐ No ☒

Will line extension within an existing district be necessary to serve the project? –

A sewer line extension to the new tower will be constructed

If Yes:

Describe extensions or capacity expansions proposed to serve this project:

Will a new wastewater (sewage) treatment district be formed to serve the project site?

If Yes:

Applicant/Sponsor for new district:

Date application submitted or anticipated:

What is the receiving water for the wastewater discharge?

If public facilities will not be used, describe plans to provide wastewater treatment for the project, including specifying proposed receiving water (name and classification if surface discharge, or describe subsurface disposal plans):

Describe any plans or designs to capture, recycle or reuse liquid waste:

Yes ☒ No ☐

<p>e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point source (i.e. sheet flow) during construction or post construction?</p>	
<p>If Yes:</p>	
<p>How much impervious surface will the project create in relation to total size of project parcel? Area of Impervious Surface: Aprox 0.5 acres Area of Parcel: 1,451 acres</p>	
<p>Describe types of new point sources: Stormwater runoff from new tower structure and from new paved areas around new tower structure</p>	
<p>Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent properties, groundwater, on-site surface water or off-site surface waters)? - On site catch basins/leaching pools</p>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>
<p>If to surface waters, identify receiving water bodies or wetlands:</p>	
<p>Will stormwater runoff flow to adjacent properties? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>	
<p>Does proposed plan minimize impervious surfaces use pervious materials or collect and re-use stormwater? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>	
<p>f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations?</p>	
<p>If Yes, identify:</p>	
<p>Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles):</p>	
<p>Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers):</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>Stationary sources during operations (e.g., process emissions, large boilers, electric generation):</p>	
<p>g. Will any air emission sources named in D.2.f (above) require a NY State Air Registration, Air Facility Permit or Federal Clean Air Act Title IV or Title V Permit?</p>	
<p>If Yes:</p>	
<p>Is the project site located in an Air Quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year) Yes <input type="checkbox"/> No <input type="checkbox"/></p>	
<p>In addition to emissions as calculated in the application, the project will generate:</p> <ul style="list-style-type: none"> - Tons/year (metric) of Carbon Dioxide (CO₂) - Tons/year (metric) of Nitrous Oxide (N₂O) - Tons/year (metric) of Perfluorocarbons (PFCs) - Tons/year (metric) of Sulfur Hexafluoride (SF₆) - Tons/year (metric) of Carbon Dioxide equivalent of Hydroflorocarbons (HFCS) - Tons/year (metric) of Hazardous Air Pollutants (HAPs) 	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>

<p>h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)?</p> <p>If Yes:</p> <table border="1"> <tr> <td>Estimate methane generation in tons/year (metric):</td> </tr> <tr> <td>Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring):</td> </tr> </table>	Estimate methane generation in tons/year (metric):	Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring):	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>																									
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<p>i. Will the proposed action result in the release of air pollutants from open-air operations or processes such as quarry or landfill operations?</p> <p>If Yes, describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust):</p> <table border="1"> <tr> <td></td> </tr> </table>		<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>																										
<p>j. Will the proposed action result in a substantial increase in traffic above present levels or generate substantial new demand for transportation facilities or services?</p> <p>If Yes:</p> <table border="1"> <tr> <td colspan="3">When is the peak traffic expected? (check all that apply)</td> </tr> <tr> <td>Morning <input type="checkbox"/></td> <td>Evening <input type="checkbox"/></td> <td>Randomly <input type="checkbox"/> between the hours of _____ to _____</td> </tr> <tr> <td colspan="3">For commercial activities only, projected number of semi-trailer truck trips/day:</td> </tr> <tr> <td>Parking spaces: Existing:</td> <td>Proposed:</td> <td>Net Increase/Decrease:</td> </tr> <tr> <td colspan="3">Does the proposed action include any shared use parking? Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> <tr> <td colspan="3">If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe:</td> </tr> <tr> <td colspan="3">Are public/private transportation service(s) or facilities available within ½ mile of the proposed site? Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> <tr> <td colspan="3">Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> <tr> <td colspan="3">Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> </table>	When is the peak traffic expected? (check all that apply)			Morning <input type="checkbox"/>	Evening <input type="checkbox"/>	Randomly <input type="checkbox"/> between the hours of _____ to _____	For commercial activities only, projected number of semi-trailer truck trips/day:			Parking spaces: Existing:	Proposed:	Net Increase/Decrease:	Does the proposed action include any shared use parking? Yes <input type="checkbox"/> No <input type="checkbox"/>			If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe:			Are public/private transportation service(s) or facilities available within ½ mile of the proposed site? Yes <input type="checkbox"/> No <input type="checkbox"/>			Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? Yes <input type="checkbox"/> No <input type="checkbox"/>			Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? Yes <input type="checkbox"/> No <input type="checkbox"/>			<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
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<p>k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy?</p> <p>If Yes:</p> <table border="1"> <tr> <td>Estimate annual electricity demand during operation of the proposed action:</td> </tr> <tr> <td>Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility or other):</td> </tr> <tr> <td>Will the proposed action require a new, or an upgrade to, an existing substation? Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> </table>	Estimate annual electricity demand during operation of the proposed action:	Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility or other):	Will the proposed action require a new, or an upgrade to, an existing substation? Yes <input type="checkbox"/> No <input type="checkbox"/>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>																								
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<p>l. Hours of operation (Answer all items which apply)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">During Construction</th> <th style="width: 50%;">During Operations</th> </tr> </thead> <tbody> <tr> <td>Monday-Friday: 7am-5pm</td> <td>Monday-Friday: 7 AM - 11PM</td> </tr> <tr> <td>Saturday:</td> <td>Saturday: 7 AM - 11PM</td> </tr> <tr> <td>Sunday:</td> <td>Sunday: 7 AM - 11PM</td> </tr> <tr> <td>Holidays:</td> <td>Holidays: 7 AM - 11PM</td> </tr> </tbody> </table>	During Construction	During Operations	Monday-Friday: 7am-5pm	Monday-Friday: 7 AM - 11PM	Saturday:	Saturday: 7 AM - 11PM	Sunday:	Sunday: 7 AM - 11PM	Holidays:	Holidays: 7 AM - 11PM	N/A <input type="checkbox"/>
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<p>m. Does the proposed action produce noise that will exceed existing ambient noise levels during construction, operation or both? –</p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> During the noted times of construction there may be some brief exceedances of ambient noise levels. </div> <p>If Yes:</p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> Provide details including sources, time of day and duration: </div> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> Will proposed action remove existing natural barriers that could act as a noise barrier or screen? Yes <input type="checkbox"/> No <input type="checkbox"/> Describe: </div>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>										
<p>n. Will the proposed action have outdoor lighting?</p> <p>If Yes:</p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures: Lighting will follow FAA Air Traffic Control Tower design/construction requirements for safety and security. </div> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> Will proposed action remove existing natural barriers that could act as a light barrier or screen? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Describe: </div>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> ****										
<p>o. Does the proposed action have the potential to produce odors for more than one hour per day?</p> <p>If Yes:</p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> Describe possible sources, potential frequency and duration of odor emissions and proximity to nearest occupied structures: </div>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>										
<p>p. Will the proposed action include any bulk storage of petroleum (over 1,100 gallons) or chemical products (over 550 gallons)?</p> <p>If Yes:</p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> Product(s) to be stored: </div> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> Volume(s): per unit time: (e.g., month, year) </div> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> Generally describe proposed storage facilities: </div>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>										
<p>q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation?</p> <p>If Yes:</p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> Describe proposed treatment(s): </div> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> Will the proposed action use Integrated Pest Management Practices? Yes <input type="checkbox"/> No <input type="checkbox"/> </div>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>										

****Final exterior lighting design is to be determined and will be subject to review by the Federal Aviation Administration as applicable. All outdoor light fixtures would be shielded and downward facing, designed to prevent glare and off-site light spill.

<p>r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)?</p> <p>If Yes:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2" style="padding: 2px;">Describe any solid waste(s) to be generated during construction or operation of the facility:</td> </tr> <tr> <td style="width: 45%; padding: 2px;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Construction:</td> <td style="width: 20%;">tons per</td> <td style="width: 20%;">(unit of time)</td> </tr> <tr> <td>Operation:</td> <td>tons per</td> <td>(unit of time)</td> </tr> </table> </td> <td style="width: 55%; padding: 2px; vertical-align: top;"> - see below regarding construction demolition. Exact tonnage to be removed is to be determined </td> </tr> </table> <p style="padding: 2px;">Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 45%; padding: 2px;">Construction:</td> <td style="width: 55%;"></td> </tr> <tr> <td style="padding: 2px;">Operation:</td> <td></td> </tr> </table> <p style="padding: 2px;">Proposed disposal methods/facilities for solid waste generated on-site:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%; padding: 2px;">Construction: Demolition of the existing air traffic control tower will take place after commissioning of the new tower. Solid waste will be disposed of following federal, state, and local regulations.</td> <td style="width: 20%;"></td> </tr> <tr> <td style="padding: 2px;">Operation: Normal day to day business trash will be disposed of in the appropriate dumpster.</td> <td></td> </tr> </table>	Describe any solid waste(s) to be generated during construction or operation of the facility:		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Construction:</td> <td style="width: 20%;">tons per</td> <td style="width: 20%;">(unit of time)</td> </tr> <tr> <td>Operation:</td> <td>tons per</td> <td>(unit of time)</td> </tr> </table>	Construction:	tons per	(unit of time)	Operation:	tons per	(unit of time)	- see below regarding construction demolition. Exact tonnage to be removed is to be determined	Construction:		Operation:		Construction: Demolition of the existing air traffic control tower will take place after commissioning of the new tower. Solid waste will be disposed of following federal, state, and local regulations.		Operation: Normal day to day business trash will be disposed of in the appropriate dumpster.		<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>
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<p>s. Does the proposed action include construction or modification of a solid waste management facility?</p> <p>If Yes:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill or other disposal activities):</td> </tr> <tr> <td style="padding: 2px;">Anticipated rate of disposal/processing:</td> </tr> <tr> <td style="padding: 2px;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">tons/month, if transfer or other non-combustion/thermal treatment, or</td> <td style="width: 20%;"></td> </tr> <tr> <td>tons/hour, if combustion or thermal treatment</td> <td></td> </tr> </table> </td> </tr> <tr> <td style="padding: 2px;">If landfill, anticipated site life: years</td> </tr> </table>	Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill or other disposal activities):	Anticipated rate of disposal/processing:	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">tons/month, if transfer or other non-combustion/thermal treatment, or</td> <td style="width: 20%;"></td> </tr> <tr> <td>tons/hour, if combustion or thermal treatment</td> <td></td> </tr> </table>	tons/month, if transfer or other non-combustion/thermal treatment, or		tons/hour, if combustion or thermal treatment		If landfill, anticipated site life: years	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>										
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tons/hour, if combustion or thermal treatment																			
If landfill, anticipated site life: years																			

<p>t. Will proposed action at the site involve the commercial generation, treatment, storage or disposal of hazardous waste?</p> <p>If Yes:</p> <div style="border: 1px solid black; padding: 2px;"> Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility: Demolition of existing tower will require coordination for removal of asbestos and possibly lead based materials. All materials will be disposed of following the appropriate federal, state, and local regulations. </div> <div style="border: 1px solid black; padding: 2px;"> Generally describe processes or activities involving hazardous wastes or constituents: See above </div> <div style="border: 1px solid black; padding: 2px;"> Specify amount to be handled or generated: To be determined </div> <div style="border: 1px solid black; padding: 2px;"> Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents: </div> <div style="border: 1px solid black; padding: 2px;"> Will any hazardous wastes be disposed at an existing offsite hazardous waste facility? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> </div> <p>If Yes:</p> <div style="border: 1px solid black; padding: 2px;"> Provide name and location of facility: To be determined based on the demolition materials and the applicable disposal regulations </div> <p>If No:</p> <div style="border: 1px solid black; padding: 2px;"> Describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility: </div>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
<p>u. Will proposed action adhere to Leadership in Energy and Environmental Design (LEED) or any other green building principals?</p> <p>If Yes:</p> <div style="border: 1px solid black; padding: 2px;"> Describe proposed green building methods and attempted level of certification, if any: </div>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
<p>v. Does the project sponsor propose the use of energy benchmarking to monitor and adjust project energy needs?</p> <p>If Yes, explain:</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
<p>w. Will the proposed action use native plants for all landscaping needs?</p> <p>Identify species to be used and method of irrigation:</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
<p>x. Does the proposed action promote local tourism?</p> <p>If Yes, explain:</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

E. Site and Setting of Proposed Action

E.1. Land Uses on and Surrounding the Project Site

a. Existing land uses (Check all uses the occur on, adjoining and near the project site): (include map)

Urban ☐ Industrial ☒ Commercial ☒ Residential ☒ Rural ☐
Forest ☒ Agriculture ☐ Aquatic ☐ Other ☒ Specify: Aviation

If mix of uses, generally describe: Air Traffic Control Tower will be built on airport property which is 1,451 acres. Surrounding the airport is the Pine Barrens, residential neighborhoods, industrial/commercial uses, and the Air National Guard.

b. Land uses and cover types on the project site:

Land Use or Cover Type	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
Roads, buildings and other paved or impervious surfaces		0.5	0.5
Forested	21.9	0	-21.9
Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)			
Agricultural (includes active orchards, fields, greenhouse, etc.)			
Surface water features (lakes, ponds, streams, rivers, etc.)			
Wetlands (freshwater or tidal)			
Non-Vegetated (bare rock, earth or fill)			
Other Describe: Grass, walkway, landscape hedges from terminal to aircraft parking apron.	0.5	0	-0.5
TOTAL:	22.4	0.5	-21.9

c. Is the project site presently used by members of the community for public recreation?

If Yes, explain:

Yes ☐ No ☒

d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers or group homes) within 1,500 feet of the project site?

If Yes, identify facilities:

1,275 feet west of the proposed site is the AHRC Suffolk building. AHRC leases property from Francis S. Gabreski Airport for use of a rehabilitation and day treatment center for people with disabilities.

Yes ☒ No ☐

<p>e. Does the project site contain an existing dam?</p> <p>If Yes:</p> <table border="1"> <tr> <td colspan="2">Dimensions of the dam and impoundment:</td> </tr> <tr> <td>- Dam height:</td> <td>feet</td> </tr> <tr> <td>- Dam length:</td> <td>feet</td> </tr> <tr> <td>- Surface area:</td> <td>acres</td> </tr> <tr> <td>- Volume impounded:</td> <td>gallons or acre-feet</td> </tr> </table> <table border="1"> <tr> <td>Dam's existing hazard classification:</td> </tr> </table> <table border="1"> <tr> <td>Provide date and summarize results of last inspection:</td> </tr> </table>	Dimensions of the dam and impoundment:		- Dam height:	feet	- Dam length:	feet	- Surface area:	acres	- Volume impounded:	gallons or acre-feet	Dam's existing hazard classification:	Provide date and summarize results of last inspection:	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
Dimensions of the dam and impoundment:													
- Dam height:	feet												
- Dam length:	feet												
- Surface area:	acres												
- Volume impounded:	gallons or acre-feet												
Dam's existing hazard classification:													
Provide date and summarize results of last inspection:													
<p>f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility?</p> <p>If Yes:</p> <table border="1"> <tr> <td>Has the facility been formally closed?</td> </tr> <tr> <td>Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> <tr> <td>If Yes, cite sources/documentation:</td> </tr> <tr> <td>Describe the location of the project site relative to the boundaries of the solid waste management facility:</td> </tr> <tr> <td>Describe any development constraints due to the prior solid waste activities:</td> </tr> </table>	Has the facility been formally closed?	Yes <input type="checkbox"/> No <input type="checkbox"/>	If Yes, cite sources/documentation:	Describe the location of the project site relative to the boundaries of the solid waste management facility:	Describe any development constraints due to the prior solid waste activities:	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>							
Has the facility been formally closed?													
Yes <input type="checkbox"/> No <input type="checkbox"/>													
If Yes, cite sources/documentation:													
Describe the location of the project site relative to the boundaries of the solid waste management facility:													
Describe any development constraints due to the prior solid waste activities:													
<p>g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste?</p> <p>If Yes:</p> <table border="1"> <tr> <td>Describe waste(s) handled and waste management activities, including approximate time when activities occurred: Gabreski Airport has been a subject to past remedial cleanups and a remedial investigation is currently being conducted at the airport in regards to the contaminants PFOS/PFOA. The closest known remediation cleanup was a Brownfield cleanup project approximately 600 feet west of the proposed tower construction site. Jet fuel was the major contaminant at this cleanup site.</td> </tr> </table>	Describe waste(s) handled and waste management activities, including approximate time when activities occurred: Gabreski Airport has been a subject to past remedial cleanups and a remedial investigation is currently being conducted at the airport in regards to the contaminants PFOS/PFOA. The closest known remediation cleanup was a Brownfield cleanup project approximately 600 feet west of the proposed tower construction site. Jet fuel was the major contaminant at this cleanup site.	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>											
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<p>h. Has there been a reported contamination spill at the proposed project site or have any remedial actions been conducted at or adjacent to the proposed site?</p> <p>If Yes:</p> <div style="border: 1px solid black; padding: 5px;"> <p>Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? (Check all that apply)</p> <div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> Yes – Spills Incidents database <input type="checkbox"/> Yes – Environmental Site Remediation database <input checked="" type="checkbox"/> Neither database </div> <div> Provide DEC ID number(s): Provide DEC ID number(s): </div> </div> </div> <div style="border: 1px solid black; padding: 5px;"> <p>If site has been subject to RCRA corrective activities, describe control measures:</p> </div> <div style="border: 1px solid black; padding: 5px;"> <p>Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p>If Yes:</p> <div style="border: 1px solid black; padding: 5px;"> <p>DEC ID number(s): 152078, 152122, 152079, C152079, 152226, 152110, V00576, 152148</p> </div> </div> <div style="border: 1px solid black; padding: 5px;"> <p>Describe current status of site(s): The following represents an inventory of remediation sites over the entire Gabreski Airport Property: 152078 - No Further Action 152122 - Completed 152079 - PCBs in soil confirmed - On-going investigation C152079 - PCBs in soil confirmed - On-going investigation 152226 - Perchlorate was confirmed in ground water - Investigation is planned 152110 - No Further Action V00576 - Completed 152148 - Completed</p> </div>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>
<p>E.1.h. (cont.) – only answer following if checked “Yes” above</p>	
<div style="border: 1px solid black; padding: 5px;"> <p>Is the project site subject to an institutional control limiting property uses?</p> <p>If Yes:</p> <div style="border: 1px solid black; padding: 5px;"> <p>DEC site ID number(s): V00576</p> </div> <div style="border: 1px solid black; padding: 5px;"> <p>Describe the type of institutional control (e.g., deed restriction or easement): Environmental Easement</p> </div> <div style="border: 1px solid black; padding: 5px;"> <p>Describe any use limitations: Future use limitations are restricted to residential, commercial, or industrial</p> </div> <div style="border: 1px solid black; padding: 5px;"> <p>Describe any engineering controls: Cover system Ground water use restriction IC/EC Plan Landuse Restrictions Site management plan Soil management plan</p> </div> <div style="border: 1px solid black; padding: 5px;"> <p>Will the project affect the institutional or engineering controls in place? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Explain:</p> </div> </div>	
<p>E.2. Natural Resources On or Near Project Site</p>	

a. What is the average depth to bedrock on the project site: Aprox 1,500 feet below ground surface									
b. Are there bedrock outcroppings on the project site? If Yes: What proportion of the site is comprised of bedrock outcroppings? %	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>								
c. Predominant soil type(s) present on project site: (include map)									
<table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td style="padding: 5px;">1. CpA (carver and plymouth sands 0 to 3% slopes)</td> <td style="padding: 5px;">% of site</td> </tr> <tr> <td style="padding: 5px;">2. CuB (Cut and fill land, gently sloping)</td> <td style="padding: 5px;">100% of site</td> </tr> <tr> <td style="padding: 5px;">3. P1A (Plymouth loamy sand, 0 to 3% slopes)</td> <td style="padding: 5px;">% of site</td> </tr> <tr> <td style="padding: 5px;">4. P1B (plymouth loamy sand 3 to 8% slopes)</td> <td style="padding: 5px;">% of site</td> </tr> </table>		1. CpA (carver and plymouth sands 0 to 3% slopes)	% of site	2. CuB (Cut and fill land, gently sloping)	100% of site	3. P1A (Plymouth loamy sand, 0 to 3% slopes)	% of site	4. P1B (plymouth loamy sand 3 to 8% slopes)	% of site
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3. P1A (Plymouth loamy sand, 0 to 3% slopes)	% of site								
4. P1B (plymouth loamy sand 3 to 8% slopes)	% of site								
d. What is the average depth to the water table on the project site? 31-50 feet									
e. Drainage status of project site soils:									
<table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td style="padding: 5px;">1. <input checked="" type="checkbox"/> Well Drained</td> <td style="padding: 5px;">100% of site</td> </tr> <tr> <td style="padding: 5px;">2. <input type="checkbox"/> Moderately Well Drained</td> <td style="padding: 5px;">% of site</td> </tr> <tr> <td style="padding: 5px;">3. <input type="checkbox"/> Poorly Drained</td> <td style="padding: 5px;">% of site</td> </tr> </table>		1. <input checked="" type="checkbox"/> Well Drained	100% of site	2. <input type="checkbox"/> Moderately Well Drained	% of site	3. <input type="checkbox"/> Poorly Drained	% of site		
1. <input checked="" type="checkbox"/> Well Drained	100% of site								
2. <input type="checkbox"/> Moderately Well Drained	% of site								
3. <input type="checkbox"/> Poorly Drained	% of site								
f. Approximate proportion of proposed action site with slopes: (include topographic map)									
<table border="1" style="margin: auto; border-collapse: collapse;"> <tr> <td style="padding: 5px;">1. <input checked="" type="checkbox"/> 0-10%</td> <td style="padding: 5px;">100% of site</td> </tr> <tr> <td style="padding: 5px;">2. <input type="checkbox"/> 11-15%</td> <td style="padding: 5px;">% of site</td> </tr> <tr> <td style="padding: 5px;">3. <input type="checkbox"/> 16% or greater</td> <td style="padding: 5px;">% of site</td> </tr> </table>		1. <input checked="" type="checkbox"/> 0-10%	100% of site	2. <input type="checkbox"/> 11-15%	% of site	3. <input type="checkbox"/> 16% or greater	% of site		
1. <input checked="" type="checkbox"/> 0-10%	100% of site								
2. <input type="checkbox"/> 11-15%	% of site								
3. <input type="checkbox"/> 16% or greater	% of site								
g. Are there any unique geologic features on the project site? If Yes, describe: <div style="border: 1px solid black; height: 30px; width: 100%; margin-top: 5px;"></div>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>								
h. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>								
i. Do any wetlands or other waterbodies adjoin the project site?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>								
If Yes to either E.2.h or E.2.i, continue. If No, skip to E.2.m									
j. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? (include map)	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>								

k. For each identified wetland and waterbody on the project site, provide the following information:		
Streams:	Name:	Classification:
Lakes or Ponds:	Name:	Classification:
Wetlands:	Name:	Approx. Size:
Wetland No. (if regulated by DEC):		
l. Are any of the above waterbodies listed in the most recent compilation of NYS water quality-impaired waterbodies? If Yes, name of impaired water body/bodies and basis for listing as impaired: <div style="border: 1px solid black; height: 20px; width: 100%;"></div>		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
m. Is the project site in a designated floodway?		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
n. Is the project site in the 100 year floodplain?		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
o. Is the project site in the 500 year floodplain?		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
p. Is the project site located over or immediately adjoining a primary, principal or sole source aquifer? If Yes: Name of aquifer: Nassau-Suffolk Sole Source Aquifer Source of information: EPA Region 2, Sole Source Aquifers for NY and NJ		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
q. Identify the predominant wildlife species that occupy or use the project site: <div style="border: 1px solid black; padding: 5px; min-height: 40px;">American Crow, Eastern Kingbird, Field Sparrow, Wild Turkey, Redtail Hawk, Groundhog, Eastern Cottontail, and the Red Fox</div>		
r. Does the project site contain a designated significant natural community? – See Ecological Resources Attachment If Yes: Describe the habitat/community (composition, function and basis for designation): Dwarf Pine Plains, Pitch Pine Oak Health Woodland, and Pitch pine Oak Forest Source(s) of description or evaluation: NYNHP - New York National Heritage Program Extent of community/habitat: Total proposed vegetation is aprox 22 acres - Currently: acres- NYSDEC EAF mapper indicates 1,395 acres, 2903 acres, 818 acres respectively - Following completion of project as proposed: acres – - Gain or loss (indicate + or –): acres		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
s. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species? – (See Ecological Resources Attachment) If Yes: Species and listing (endangered or threatened): Northern Long Eared Bat –Threatened, Upland Sandpiper- Threatened, Northern Harrier –Threatened, Showy Aster- Threatened, Sandplain Gerardia – Endangered Nature of use of site by the species (e.g., resident, seasonal, transient): Resident		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
		Documented occurrence within .5 miles of the proposed project site

<p>t. Does project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern? - (See Ecological Resources Attachment)</p> <p>If Yes:</p> <div style="border: 1px solid black; padding: 2px;"> Species and listing: Herodias, -Rare, Special Concern, Pakard's Lichen Moth- Rare, Unlisted, Jersey Jarr Underwing -Rare, Special Concern, Coastal Barrens Buckmoth-Rare, Special Concern Nature of use of site by the species (e.g., resident, seasonal, transient): </div>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
<p>u. Is the project site or adjoining area currently used for hunting, trapping, fishing or shellfishing?</p> <p>If Yes, give a brief description of how the proposed action may affect that use:</p> <div style="border: 1px solid black; padding: 2px;"> Proposed action is in the commercial use section of the airport and away from the wooded areas used for hunting. </div>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
<p>E.3. Designated Public Resources On or Near Project Site</p>	
<p>a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304?</p> <p>If Yes, provide county plus district name/number:</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
<p>b. Are agricultural lands consisting of highly productive soils present?</p> <p>If Yes:</p> <div style="border: 1px solid black; padding: 2px;"> Acreage(s) on project site: Source(s) of soil rating(s): </div>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
<p>c. Does the project site contain all or part of, or is it substantially contiguous to a registered National Natural Landmark?</p> <p>If Yes:</p> <div style="border: 1px solid black; padding: 2px;"> Nature of the natural landmark: <input type="checkbox"/> Biological Community; <input type="checkbox"/> Geological Feature Provide brief description of landmark, including values behind designation and approximate size/extent: </div>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
<p>d. Is the project site located in or does it adjoin a state listed Critical Environmental Area, including Special Groundwater Protection Areas?</p> <p>If Yes:</p> <div style="border: 1px solid black; padding: 2px;"> CEA name: Central Pine Barrens, Suffolk County Special Groundwater Protection Area, Town of Southampton Aquifer Protection Overlay District Basis for designation: Central Pine Barrens CEQ is designated for Benefit Public Health and Groundwater Protection and the town of Southampton Aquifer Protection District and Central Suffolk Special Groundwater Protection Area CEA is designated for the protection of groundwater Designating agency and date: </div>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>

Gabreski Airport Wetlands



Gabreski Airport Soils



Soils Common to Airport:

- | | |
|------|---|
| CpA | Carver and Plymouth sands, 0 to 3 percent slopes |
| CpC | Carver and Plymouth sands, 3 to 15 percent slopes |
| CuB | Cut and fill land, gently sloping |
| Ma | Made Land |
| PIA | Plymouth loamy sand, 0 to 3 percent slopes |
| PIB | Plymouth loamy sand, 3 to 8 percent slopes |
| PmB3 | Plymouth gravelly loamy sand, 3 to 8 percent slopes, eroded |
| Rc | Recharge Basin |
| Ur | Urban land |

**Gabreski Airport
Topography**



<p>e. Does the project site contain, or is it substantially contiguous to, a building, archeological site, or district which is listed on, or has been nominated by the NYS Board of Historic Preservation for inclusion on the State or National Register of Historic Places?</p> <p>If Yes:</p> <p>Nature of historic/archaeological resource: <input type="checkbox"/> Archaeological Site; <input type="checkbox"/> Historic Building or district</p> <p>Name:</p> <p>Brief description of attributes on which listing is based:</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>f. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory?</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>g. Have additional archaeological or historic site(s) or resources been identified on the project site?</p> <p>If Yes:</p> <p>Describe possible resource(s):</p> <p>Basis for identification:</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>h. Would the project site be visible from any officially designated and publicly assessable federal, state or local scenic or aesthetic resource?</p> <p>If Yes:</p> <p>Identify resource:</p> <p>Nature of, or basis for designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.):</p> <p>Distance between project and resource:</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR Part 666?</p> <p>If Yes:</p> <p>Identify the name of the river and its designation:</p> <p>Is the activity consistent with development restrictions contained in 6 NYCRR Part 666? Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>

F. Additional Information

Attach any additional information which may be needed to clarify your project.

If you have identified any adverse impacts which could be associated with your proposal, please describe those impacts plus any measures which you propose to avoid or minimize them.

G. Verification

I certify that the information provided is true to the best of my knowledge.

Applicant/Sponsor Name:

Date: 10/12/2022

Signature: Joshua Smith

Title: Airport Manager

**Gabreski Tower
Replacement - Project
Location Map**

Legend



Conformance to existing comprehensive or project master plans

	yes	no	Description
a. Federal	<u>X</u>	___	<p><u>1981 Airport Master Plan</u> - Approved by the Federal Aviation Administration (FAA) on March 5, 1981. The plan called for rehabilitation of existing aviation facilities including runways, taxiways, aircraft parking ramps and buildings. Additional hangars and tie down areas were recommended to meet anticipated future aviation demand. Development of a commercial/industrial park, provide a parallel taxiway for Runway 24, and expansion of the existing terminal building were also recommended. Development of specific measures to prevent ground water pollution and protect the environment was suggested.</p> <p><u>1990 Airport Master Plan</u> - In 1991 the FAA reviewed the 1990 Airport Master Plan adopted by Suffolk County and found it consistent with the approved 1981 Airport Master Plan.</p>
b. State	<u>X</u>	___	<p><u>1992 - Adoption of the Long Island Comprehensive Special Groundwater Protection Area Plan</u> by the New York State Department of Environmental Conservation recommends that "the Town of Southampton should permit new industrial development only in those areas where such uses already exist. These areas include the Suffolk County Airport and the adjacent properties that have not been rezoned for residential use."</p> <p><u>1995 - Adoption of the Central Pine Barrens Comprehensive Land Use Plan</u> by the Central Pine Barrens Joint Planning and Policy Commission delineated most of the airport property as CGA and designated the Suffolk County Airport as a Southampton Pine Barrens Credit Program "receiving area". The Town of Southampton subsequently revised their codes to conform to the Central Pine Barrens Plan. Except for a few areas, the Central Pine Barrens Plan excludes "from the Core Preservation Area those portions of the airport property which are occupied by the runways, their associated maintenance areas, and those areas identified for future use in the Suffolk County Airport Master Plan approved by the Suffolk County Legislature"(1990).</p>

c. Bi County X

The 1970 Nassau-Suffolk Comprehensive Development Plan states Suffolk County Air Force Base (Westhampton) is owned by Suffolk County and contains three runways, including one 9,000 foot NE-SW and one 5,000 foot NW-SE. It is adequately buffered with vacant land and is highly suitable for development into a general use airport. The base has been reacquired from the Air Force for County control and management for general aviation purposes. In addition, a unit of the Air National Guard will operate from the field.

d. County X

1990 - Updated Airport Study and Master Plan was prepared by the Suffolk County Planning Department and submitted to the Suffolk County Legislature and County Executive who adopted it as the official airport master plan which was the culmination of two former studies. The plan calls for the development of the former U.S. Air Force Base as a general aviation facility which is set forth in the "Quitclaim Deed" transferring the property from the Federal Government to Suffolk County. The aviation portion of the site is to include continued use by the military as well as civilian use including airport services, fuel facilities and additional hangars and tie-down areas. Aviation use is in conformance with the Town of Southampton LI-200 zoning of the site.

Airport Minimum Standards and Airport Rules and Regulations –

Rules and regulations have been issued by the County and are intended to ensure the safe and efficient operation of the airport. Rules related to aeronautical operations, ground operations, and procedures to be followed by tenants and users of the airport guarantee uniform expectations are being applied and must be complied with.

Minimum Standards - The County of Suffolk as owner and Sponsor of the Francis S. Gabreski Airport is responsible for all aspects of the administration of this public, general aviation facility, and in order to foster, encourage and insure the economic growth and orderly development of aviation and related aeronautical activities at the Airport by

encouraging adequate aeronautical services and facilities for the users of the Airport, has established certain standards and requirements for Commercial Aviation Operators. All aviation projects and activities at the airport must comply with the Minimum Standards and Rules and Regulations.

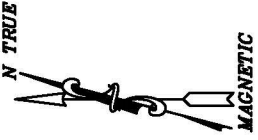
e. Town X

1970 & 1999 - The Town of Southampton Master Plan specifically stated that "particular attention should be given to the Suffolk County Air Force Base as the site for light industrial development with airport access" and that "industrial development should be of an industrial park character." Subsequently, the airport and surrounding area were zoned by the town LI-200 for light industrial use which remains in place today. General aviation airports and necessary airport support facilities are allowed in the LI-200 zoning district.

Chapter 235 of the Southampton Code dealing with Noise does not apply to "noise of aircraft flight operations."

e. Village N.A.

Gabreski Airport Proposed Land Use Plan



RPZ - Existing trees and turf
• Treed areas to be cleared in future (6.95 acres +/-).
• Existing turf areas shown in green.

Critical Resource Area
Dwarf Pine Plains
Cannot be cleared

RPZ - Existing trees and turf
• Treed areas to be cleared in future.
• Existing turf areas shown in green (20 +/- acres)

RPZ - Existing trees and turf
• Treed areas to be cleared in future (7.3 acres +/-).
• Existing turf areas shown in green.

KEY

- Pine Barrens Act of 1993 Area to Remain Natural 520 Acres (35%)
- Existing Treed areas 613 Acres
- Runways/Taxiways Infield Areas/Roadways 44 Acres
- Existing Aviation Development 47 Acres
- Future Aviation Development 90 Acres
- Air National Guard 8 Acres Future
- Non - Aviation Development 9 Acres Current
- Hamptons Business/Technology Park 17 Acres Total
- Areas Cleared or To be Cleared 58 Acres
- Airport Property Line 62 Acres
- Pine Barrens Core Boundary 1,451 Acres
- Rwy Protection Zones (RPZ) 8 Acres Future
- Rwy Primary Surface 9 Acres Current
- Txy Object Free Area (OFA) 17 Acres Total

--All acreage figures are approximate--

REVISION	DATE	DESCRIPTION
1	12/19/06	FA Comments RPZ's shown
2	12/19/06	Corrected Key
3	1/24/07	Added RPZ Mobile
4	7/24/07	Added Treed Areas
5	8/13/07	Added Rwy Primary Surface & Txy OFA's

FRANCIS S. GABRESKI AIRPORT
SUFFOLK COUNTY
Proposed Land Use Plan
FILE: GABRESKI PINE BARRENS ONLY ALT 3/2006
DATE PREPARED: 8/3/2008
SHEET 1 OF 1

NEW YORK STATE
DEPARTMENT OF TRANSPORTATION
APPROVED: _____ DATE: _____

SUFFOLK COUNTY, NEW YORK
APPROVED: _____ DATE: _____

FEDERAL AVIATION ADMINISTRATION
APPROVED: _____ DATE: _____

SAVIK & MURRAY, LLP
CONSULTING ENGINEERS
2110 SHAWMUT AVE.
ROCHESTER, NY 14617
(516) 462-7775

Note: 1) Dec 2006 - RPZ's added at each runway end. Areas within RPZ that are not already cleared are shown as "to be cleared" in the future. Areas within RPZ's that are currently turf are shown in green (to remain natural).
2) Areas where trees are to be cleared will be replanted with native grass to meet requirements of the Pine Barrens Act of 1993.

FAA NEPA CATEX Summary

On March 22, 2022 the FAA NY Airport District Office issued a Categorical Exclusion (CATEX) determination to satisfy the NEPA requirements for the new Air Traffic Control Tower Project. This project includes the construction of a new Air Traffic Control Tower facility on just shy of 0.5 acres of airport property. The new location is approximately 200 feet north northeast of the existing tower, in a previously disturbed area, located in front of the airport terminal building, between the terminal and aircraft parking apron.

With construction of the new tower, the FAA requires tree clearing inside the airport airfield between active runways and taxiways. The trees required for clearing equate to approximately 20 acres. All sections of clearing have already been determined to be future clearing sites on the airport land use plan that was developed with the Pine Barrens Commission. These trees are listed as a human health safety required measure and are an obstruction to air navigation (trees block the tower line of site to portions of the active runways and taxiways).

The FAA cited FAA Order 1050.1F section 5-6.4 dd, I, & I as the applicable sections to approve the CATEX determination. Below is the wording for each section:

5-6.4 dd: Paragraph 5-6.4.dd adds a CATEX for FAA construction, reconstruction or relocation of a non-Radar, Level 1 air traffic control tower at an existing visual flight rule (VFR) airport, or FAA unconditional approval of an ALP and/or Federal funding provided the action would occur on a previously disturbed area of the airport and not: (1) Cause an increase in the number of aircraft operations, a change in the time of aircraft operations, or a change in the type of aircraft operating at the airport; (2) cause a significant noise increase in noise sensitive areas; or (3) cause significant air quality impacts.

5-6.4i: Demolition and removal of FAA buildings and structures, or financial assistance for or approval of an Airport Layout Plan (ALP) for the demolition or removal of non-FAA owned, on-airport buildings and structures, provided no hazardous substances or contaminated equipment are present on the site of the existing facility. This CATEX does not apply to buildings and structures of historic, archaeological, or architectural significance as officially designated by Federal, state, tribal or local governments. (ATO, AST, ARP)

5-6.4l: Federal financial assistance for, licensing or approval of the grading of land, the removal of obstructions to air navigation, or erosion control measures, provided those activities occur on and only affect airport property, a commercial space launch site, or FAA-owned or leased property. (ATO, ARP, AST)

The FAA CATEX includes the demolition of the original Air Traffic Control Tower as well.

Some of the resources used to provide backup information and review of environmental impact include the following:

- Historic and Archeological Resources – <https://cris.parks.ny.gov/>
- Endangered Species – <https://ecos.fws.gov/ipac/location/index>
- Wetlands – <https://gisservices.dec.ny.gov/gis/erm/>
- Floodplains – <https://msc.fema.gov/portal/home>
- Farmland and Agriculture – <https://websoilsurvey.sc.egov.usda.gov/app/homepage.htm>

- Wilderness Areas – <https://umontana.maps.arcgis.com/apps/webappviewer/index.html>
- Tribal Directory: <https://agis.hud.gov/tdat/>
- PFAS – <https://www.dec.ny.gov/chemical/108831.html>
- SPDES – <https://www.dec.ny.gov/permits/6306.html>
- Suffolk County Planning Department Environmental Team review
- Francis S. Gabreski Airport records review

During review, the Northern Long Eared Bat was found to have a potential habitat at Gabreski Airport. The Action may affect the northern long-eared bat; however, any take that may occur as a result of the Action is not prohibited under the ESA Section 4(d) rule adopted for this species at 50 CFR §17.40(o). (Please see USFW IPAC Determination Letter and NYS DEC Letter attached). No tree removal will take place between June 1 and July 31 as discussed with USFW. After a further discussion with NYSDEC it was determined that the State and Local authorities further restrict tree clearing windows and the approved tree clearing window for Gabreski Airport is December 1st to February 28th. Gabreski Airport also has a full time USDA Wildlife Biologist on hand who will be able to monitor the project and tree clearing for any potential impacts and mitigation measures.

The project was determined to be in line with the current airport property, airport layout plan, and will follow all Federal, State, and Local rules, regulations, and permits required for the construction, demolition, and tree removal. The new tower will be connected to the existing utilities, including sewer, with no need for additional service. The new tower will be more energy efficient due to new construction practices and materials. The new tower will be built to all FAA and TSA, height and security requirements.

Attached as backup documentation please see:

1. USFW IPaC resource list showing endangered species and migratory birds with a potential of presence in the project area. (Please note that the attached report represents the updated IPac Report that was done and completed for this SEQRA review process)
2. USDA Soil Composition map of project area
3. FEMA National Flood Hazard Map
4. USFW letter in response to project impact
5. DEC letter in response to project impact

Current Project Status:

Airport has applied for a design grant from the FAA in 2022. The airport anticipates receiving the grant late summer/early fall 2022. Design will include finalizing the permits required. Construction is anticipated to start in 2024 and will take approximately 2 years from groundbreaking to commissioning of the new tower. Coordination with FAA, NYSDOT, Suffolk County Buildings Department, USFW, DEC, USDA, DOD (Air National Guard), FCC, and all required agencies involved in the air traffic control tower will continue through the completion of the project.

IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

Location

Suffolk County, New York



Local office

Long Island Ecological Services Field Office

☎ (631) 286-0485

📅 (631) 286-4003

340 Smith Road
Shirley, NY 11967-2258

NOT FOR CONSULTATION

Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Draw the project location and click CONTINUE.
2. Click DEFINE PROJECT.
3. Log in (if directed to do so).
4. Provide a name and description for your project.
5. Click REQUEST SPECIES LIST.

Listed species¹ and their critical habitats are managed by the [Ecological Services Program](#) of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries²).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact [NOAA Fisheries](#) for [species under their jurisdiction](#).

-
1. Species listed under the [Endangered Species Act](#) are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the [listing status page](#) for more information. IPaC only shows species that are regulated by USFWS (see FAQ).

2. [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.

The following species are potentially affected by activities in this location:

Mammals

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

Birds

NAME	STATUS
Piping Plover <i>Charadrius melodus</i> There is final critical habitat for this species. The location of the critical habitat is not available. https://ecos.fws.gov/ecp/species/6039	Threatened
Red Knot <i>Calidris canutus rufa</i> Wherever found There is proposed critical habitat for this species. The location of the critical habitat is not available. https://ecos.fws.gov/ecp/species/1864	Threatened

Insects

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/9743	Candidate

Flowering Plants

NAME	STATUS
Sandplain Gerardia <i>Agalinis acuta</i> Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/8128	Endangered

Seabeach Amaranth *Amaranthus pumilus***Threatened**

Wherever found

No critical habitat has been designated for this species.

<https://ecos.fws.gov/ecp/species/8549>

Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

THERE ARE NO CRITICAL HABITATS AT THIS LOCATION.

Migratory birds

Certain birds are protected under the Migratory Bird Treaty Act¹ and the Bald and Golden Eagle Protection Act².

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described [below](#).

1. The [Migratory Birds Treaty Act](#) of 1918.
2. The [Bald and Golden Eagle Protection Act](#) of 1940.

Additional information can be found using the following links:

- Birds of Conservation Concern <https://www.fws.gov/program/migratory-birds/species>
- Measures for avoiding and minimizing impacts to birds
<https://www.fws.gov/library/collections/avoiding-and-minimizing-incident-take-migratory-birds>
- Nationwide conservation measures for birds
<https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf>

The birds listed below are birds of particular concern either because they occur on the [USFWS Birds of Conservation Concern](#) (BCC) list or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ [below](#). This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the [E-bird data mapping tool](#) (Tip: enter your location, desired date

range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found [below](#).

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

NAME

BREEDING SEASON (IF A BREEDING SEASON IS INDICATED FOR A BIRD ON YOUR LIST, THE BIRD MAY BREED IN YOUR PROJECT AREA SOMETIME WITHIN THE TIMEFRAME SPECIFIED, WHICH IS A VERY LIBERAL ESTIMATE OF THE DATES INSIDE WHICH THE BIRD BREEDS ACROSS ITS ENTIRE RANGE. "BREEDS ELSEWHERE" INDICATES THAT THE BIRD DOES NOT LIKELY BREED IN YOUR PROJECT AREA.)

American Oystercatcher *Haematopus palliatus*

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

<https://ecos.fws.gov/ecp/species/8935>

Breeds Apr 15 to Aug 31

Bald Eagle *Haliaeetus leucocephalus*

This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.

<https://ecos.fws.gov/ecp/species/1626>

Breeds Oct 15 to Aug 31

Black Skimmer *Rynchops niger*

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

<https://ecos.fws.gov/ecp/species/5234>

Breeds May 20 to Sep 15

Black-billed Cuckoo <i>Coccyzus erythrophthalmus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9399	Breeds May 15 to Oct 10
Blue-winged Warbler <i>Vermivora pinus</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA	Breeds May 1 to Jun 30
Bobolink <i>Dolichonyx oryzivorus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 20 to Jul 31
Canada Warbler <i>Cardellina canadensis</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 20 to Aug 10
Cerulean Warbler <i>Dendroica cerulea</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/2974	Breeds Apr 29 to Jul 20
Eastern Whip-poor-will <i>Antrostomus vociferus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 1 to Aug 20
Golden Eagle <i>Aquila chrysaetos</i> This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities. https://ecos.fws.gov/ecp/species/1680	Breeds elsewhere
Gull-billed Tern <i>Gelochelidon nilotica</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9501	Breeds May 1 to Jul 31
Hudsonian Godwit <i>Limosa haemastica</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds elsewhere

Kentucky Warbler <i>Oporornis formosus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds Apr 20 to Aug 20
Lesser Yellowlegs <i>Tringa flavipes</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9679	Breeds elsewhere
Prairie Warbler <i>Dendroica discolor</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 1 to Jul 31
Prothonotary Warbler <i>Protonotaria citrea</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds Apr 1 to Jul 31
Purple Sandpiper <i>Calidris maritima</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds elsewhere
Red-headed Woodpecker <i>Melanerpes erythrocephalus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 10 to Sep 10
Ruddy Turnstone <i>Arenaria interpres morinella</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA	Breeds elsewhere
Rusty Blackbird <i>Euphagus carolinus</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA	Breeds elsewhere
Short-billed Dowitcher <i>Limnodromus griseus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9480	Breeds elsewhere
Willet <i>Tringa semipalmata</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds Apr 20 to Aug 5

Wood Thrush *Hylocichla mustelina*

Breeds May 10 to Aug 31

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Probability of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read and understand the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is $0.25/0.25 = 1$; at week 20 it is $0.05/0.25 = 0.2$.
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

Breeding Season (■)

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort (I)

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

To see a bar's survey effort range, simply hover your mouse cursor over the bar.

No Data (–)

A week is marked as having no data if there were no survey events for that week.

Survey Timeframe

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.



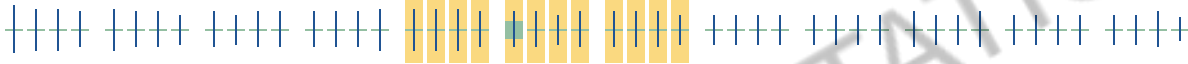




Golden Eagle
Non-BCC
Vulnerable
(This is not a
Bird of
Conservation
Concern (BCC)
in this area, but
warrants
attention
because of the
Eagle Act or for
potential
susceptibilities
in offshore
areas from
certain types of
development
or activities.)



Gull-billed Tern
BCC Rangewide
(CON) (This is a
Bird of
Conservation
Concern (BCC)
throughout its
range in the
continental
USA and
Alaska.)



Hudsonian
Godwit
BCC Rangewide
(CON) (This is a
Bird of
Conservation
Concern (BCC)
throughout its
range in the
continental
USA and
Alaska.)



SPECIES JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC







Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

[Nationwide Conservation Measures](#) describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. [Additional measures](#) or [permits](#) may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the migratory birds potentially occurring in my specified location?

The Migratory Bird Resource List is comprised of USFWS [Birds of Conservation Concern \(BCC\)](#) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the [Avian Knowledge Network \(AKN\)](#). The AKN data is based on a growing collection of [survey, banding, and citizen science datasets](#) and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle ([Eagle Act](#) requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the [AKN Phenology Tool](#).

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the [Avian Knowledge Network \(AKN\)](#). This data is derived from a growing collection of [survey, banding, and citizen science datasets](#).

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go to the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering, migrating or present year-round in my project area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may refer to the following resources: [The Cornell Lab of Ornithology All About Birds Bird Guide](#), or (if you are unsuccessful in locating the bird of interest there), the [Cornell Lab of Ornithology Neotropical Birds guide](#). If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are [Birds of Conservation Concern](#) (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the [Eagle Act](#) requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the [Northeast Ocean Data Portal](#). The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the [NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf](#) project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the [Diving Bird Study](#) and the [nanotag studies](#) or contact [Caleb Spiegel](#) or [Pam Loring](#).

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to [obtain a permit](#) to avoid violating the Eagle Act should such impacts occur.

Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no data" indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

Coastal Barrier Resources System

Projects within the [John H. Chafee Coastal Barrier Resources System](#) (CBRS) may be subject to the restrictions on federal expenditures and financial assistance and the consultation requirements of the Coastal Barrier Resources Act (CBRA) (16 U.S.C. 3501 et seq.). For more information, please contact the local [Ecological Services Field Office](#) or visit the [CBRA](#)

[Consultations website](#). The CBRA website provides tools such as a flow chart to help determine whether consultation is required and a template to facilitate the consultation process.

THERE ARE NO KNOWN COASTAL BARRIERS AT THIS LOCATION.

Data limitations

The CBRS boundaries used in IPaC are representations of the controlling boundaries, which are depicted on the [official CBRS maps](#). The boundaries depicted in this layer are not to be considered authoritative for in/out determinations close to a CBRS boundary (i.e., within the "CBRS Buffer Zone" that appears as a hatched area on either side of the boundary). For projects that are very close to a CBRS boundary but do not clearly intersect a unit, you may contact the Service for an official determination by following the instructions here: <https://www.fws.gov/service/coastal-barrier-resources-system-property-documentation>

Data exclusions

CBRS units extend seaward out to either the 20- or 30-foot bathymetric contour (depending on the location of the unit). The true seaward extent of the units is not shown in the CBRS data, therefore projects in the offshore areas of units (e.g., dredging, breakwaters, offshore wind energy or oil and gas projects) may be subject to CBRA even if they do not intersect the CBRS data. For additional information, please contact CBRA@fws.gov.

Facilities

National Wildlife Refuge lands

Any activity proposed on lands managed by the [National Wildlife Refuge](#) system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS AT THIS LOCATION.

Fish hatcheries

THERE ARE NO FISH HATCHERIES AT THIS LOCATION.

Wetlands in the National Wetlands Inventory

Impacts to [NWI wetlands](#) and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local [U.S. Army Corps of Engineers District](#).

THERE ARE NO KNOWN WETLANDS AT THIS LOCATION.

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.



United States Department of the Interior

FISH AND WILDLIFE SERVICE
Long Island Ecological Services Field Office
340 Smith Road
Shirley, NY 11967-2258
Phone: (631) 286-0485 Fax: (631) 286-4003



In Reply Refer To:
Project code: 2022-0022119
Project Name: Replacement of Air Traffic Control Tower

March 21, 2022

Subject: Verification letter for the 'Replacement of Air Traffic Control Tower' project under the January 5, 2016, Programmatic Biological Opinion on Final 4(d) Rule for the Northern Long-eared Bat and Activities Excepted from Take Prohibitions.

Dear Jonathan DeLaune:

The U.S. Fish and Wildlife Service (Service) received on March 21, 2022 your effects determination for the 'Replacement of Air Traffic Control Tower' (the Action) using the northern long-eared bat (*Myotis septentrionalis*) key within the Information for Planning and Consultation (IPaC) system. This IPaC key assists users in determining whether a Federal action is consistent with the activities analyzed in the Service's January 5, 2016, Programmatic Biological Opinion (PBO). The PBO addresses activities excepted from "take"^[1] prohibitions applicable to the northern long-eared bat under the Endangered Species Act of 1973 (ESA) (87 Stat.884, as amended; 16 U.S.C. 1531 et seq.).

Based upon your IPaC submission, the Action is consistent with activities analyzed in the PBO. The Action may affect the northern long-eared bat; however, any take that may occur as a result of the Action is not prohibited under the ESA Section 4(d) rule adopted for this species at 50 CFR §17.40(o). Unless the Service advises you within 30 days of the date of this letter that your IPaC-assisted determination was incorrect, this letter verifies that the PBO satisfies and concludes your responsibilities for this Action under ESA Section 7(a)(2) with respect to the northern long-eared bat.

Please report to our office any changes to the information about the Action that you submitted in IPaC, the results of any bat surveys conducted in the Action area, and any dead, injured, or sick northern long-eared bats that are found during Action implementation. If the Action is not completed within one year of the date of this letter, you must update and resubmit the information required in the IPaC key.

This IPaC-assisted determination allows you to rely on the PBO for compliance with ESA Section 7(a)(2) only for the northern long-eared bat. It **does not** apply to the following ESA-protected species that also may occur in the Action area:

- Monarch Butterfly *Danaus plexippus* Candidate
- Piping Plover *Charadrius melodus* Threatened
- Red Knot *Calidris canutus rufa* Threatened
- Roseate Tern *Sterna dougallii dougallii* Endangered
- Sandplain Gerardia *Agalinis acuta* Endangered
- Seabeach Amaranth *Amaranthus pumilus* Threatened

If the Action may affect other federally listed species besides the northern long-eared bat, a proposed species, and/or designated critical habitat, additional consultation between you and this Service office is required. If the Action may disturb bald or golden eagles, additional coordination with the Service under the Bald and Golden Eagle Protection Act is recommended.

[1]Take means to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect, or to attempt to engage in any such conduct [ESA Section 3(19)].

Soil Map—Suffolk County, New York




MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Suffolk County, New York

Survey Area Data: Version 18, Jun 11, 2020

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Oct 23, 2019—Nov 4, 2019

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

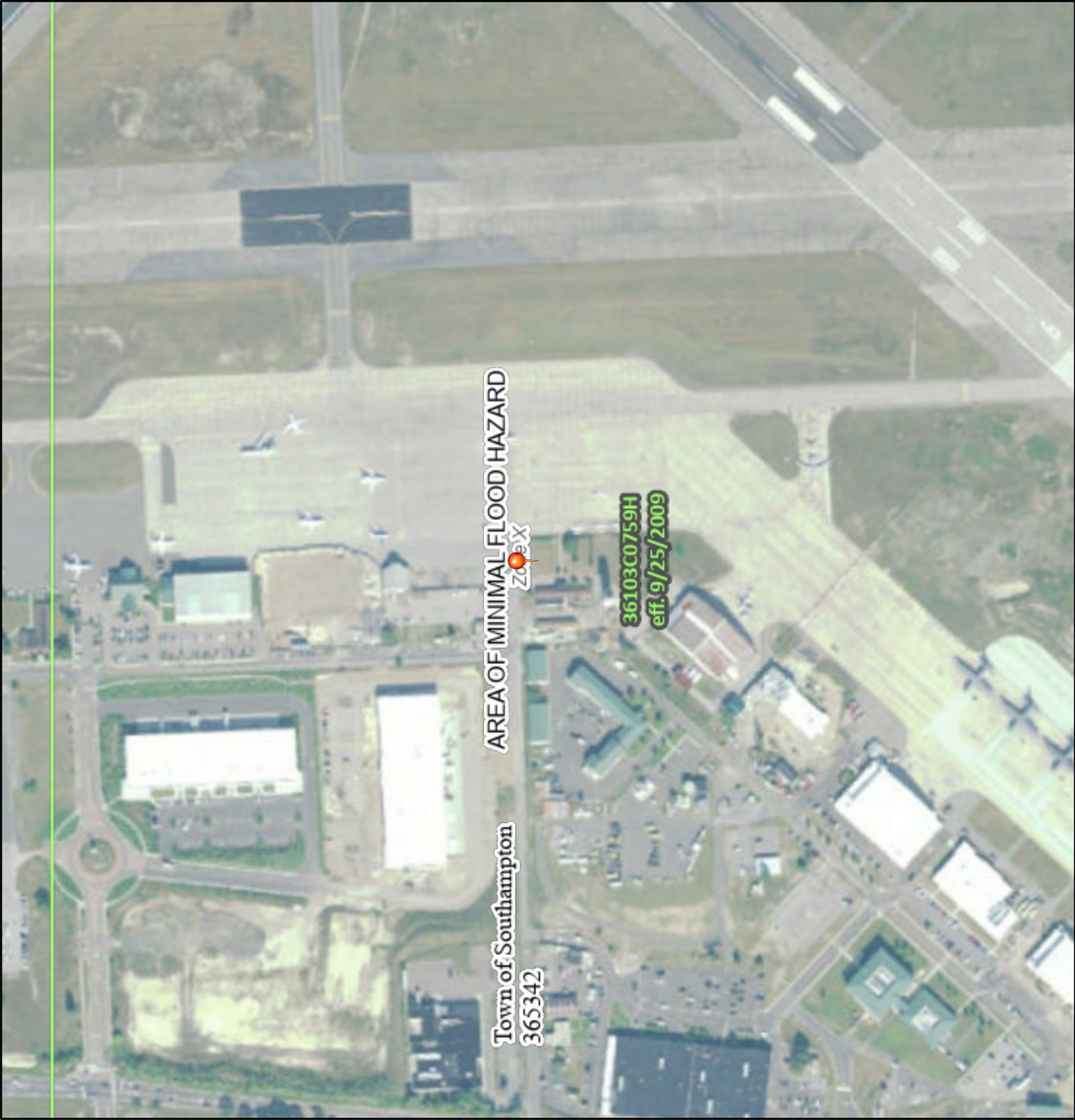
Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
CuB	Cut and fill land, gently sloping	0.2	48.5%
Ur	Urban land	0.2	51.5%
Totals for Area of Interest		0.4	100.0%

National Flood Hazard Layer FIRMette



72°38'45"W 40°50'39"N



0 250 500 1,000 1,500 2,000 Feet 1:6,000
Basemap: USGS National Map: Orthoimagery: Data refreshed October, 2020

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS



Without Base Flood Elevation (BFE)
Zone A, V, A99
With BFE or Depth Zone AE, AO, AH, VE, AR
Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD



0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
Future Conditions 1% Annual Chance Flood Hazard Zone X
Area with Reduced Flood Risk due to Levee, See Notes, Zone X
Area with Flood Risk due to Levee Zone D

OTHER AREAS



NO SCREEN
Area of Minimal Flood Hazard Zone X
Effective LOMRs
Area of Undetermined Flood Hazard Zone D

GENERAL STRUCTURES



Channel, Culvert, or Storm Sewer
Levee, Dike, or Floodwall

OTHER FEATURES



Cross Sections with 1% Annual Chance Water Surface Elevation
20.2
17.5
Coastal Transect
Base Flood Elevation Line (BFE)
Limit of Study
Jurisdiction Boundary
Coastal Transect Baseline
Profile Baseline
Hydrographic Feature

MAP PANELS



Digital Data Available
No Digital Data Available
Unmapped



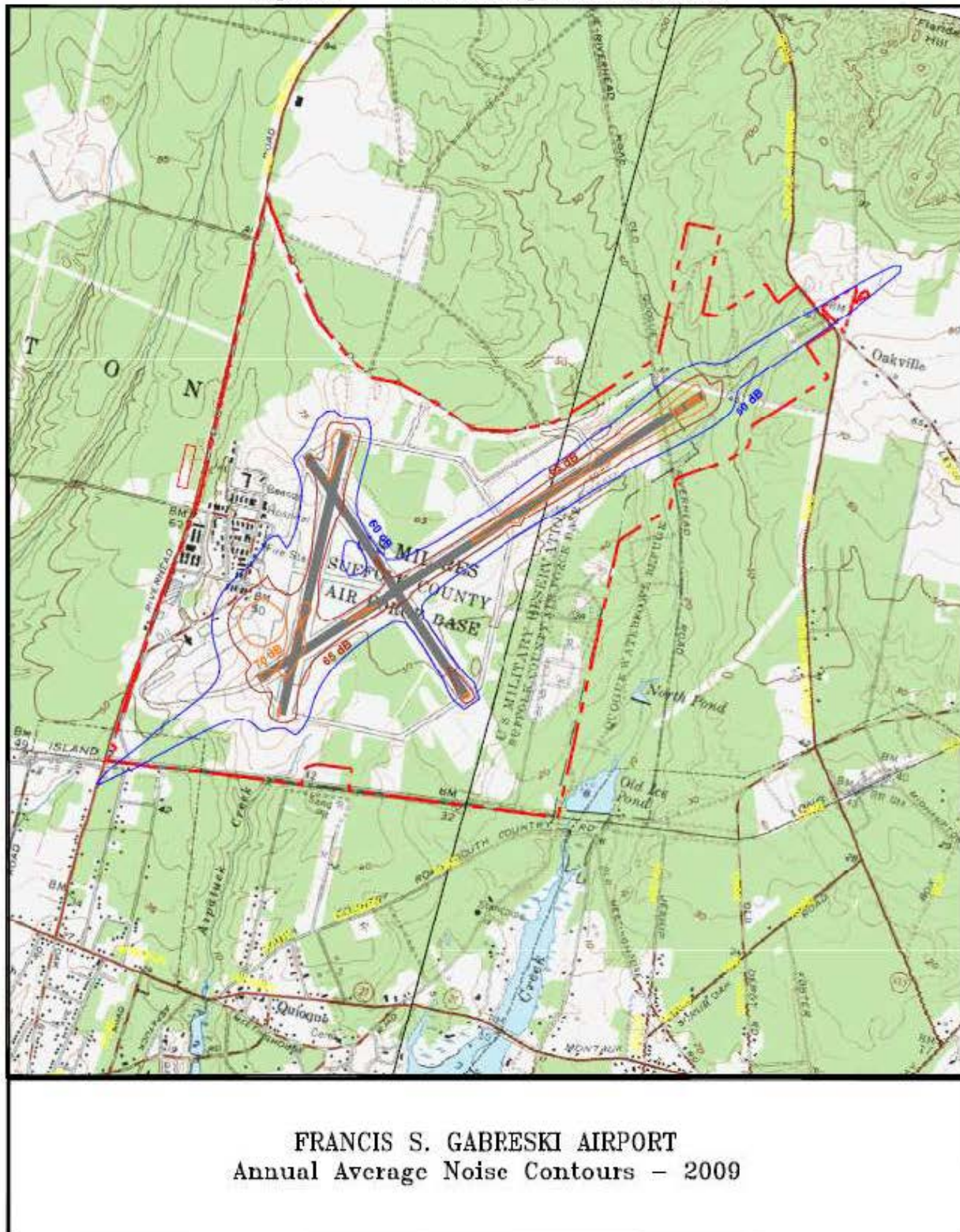
The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

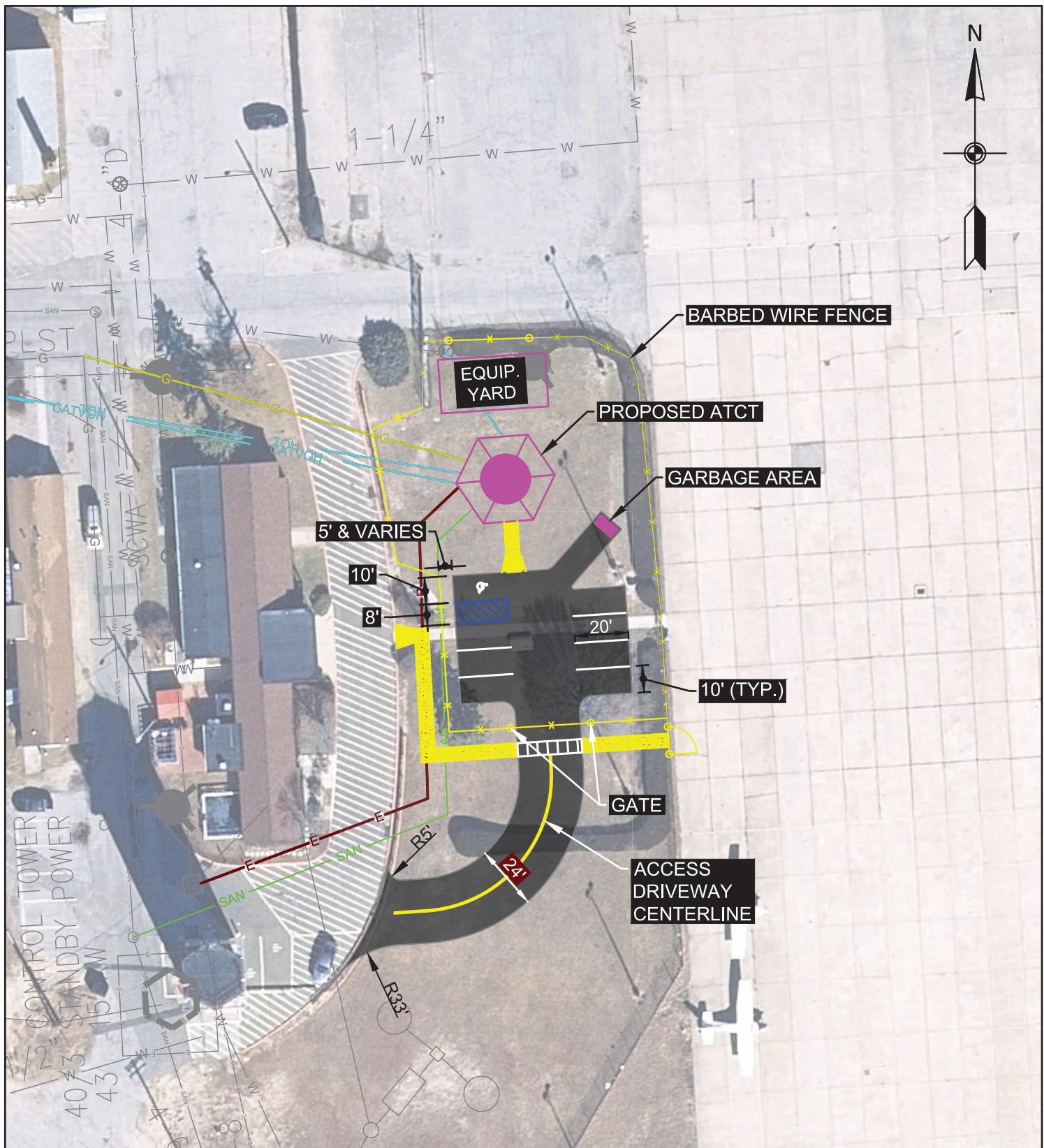
The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **4/26/2021 at 2:45 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

Figure 4-1 Annual Average Noise Contours 2009




Source: DY Consultants



LOCATION 7 - SITE PLAN


$$1'' = 50'$$

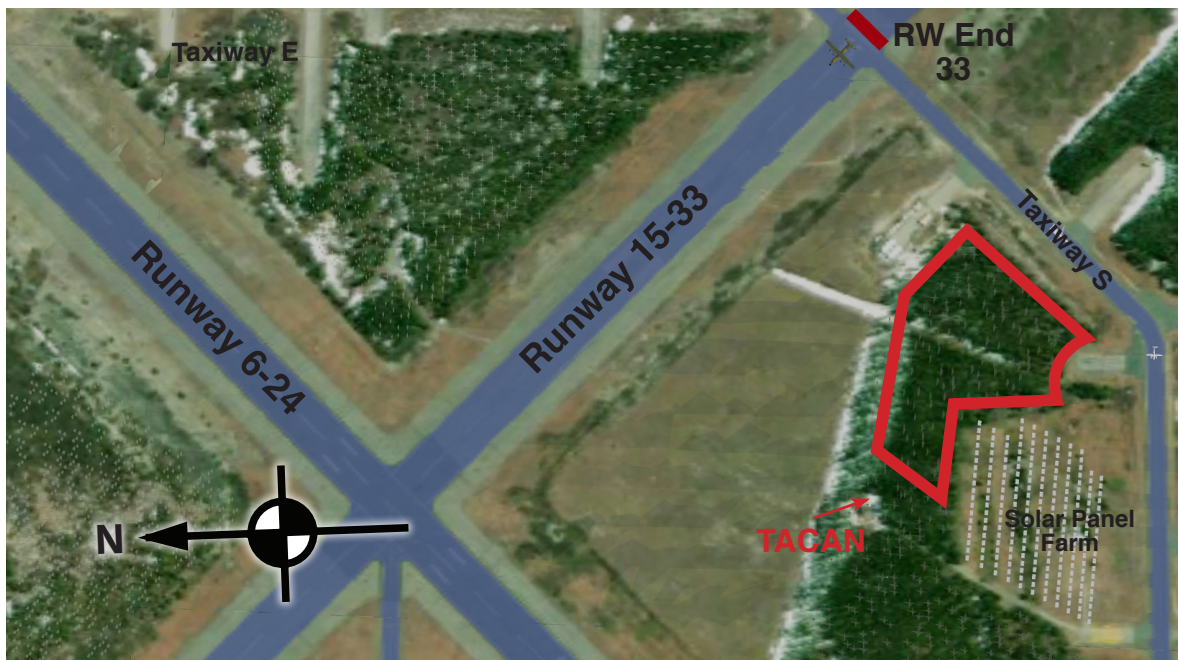
		DRAWING NUMBER		COUNTY OF SUFFOLK DEPARTMENT OF PUBLIC WORKS YAPHANK, NEW YORK		
		L7-S1				
				DARNELL TYSON, P.E. - ACTING COMMISSIONER		
				AIR TRAFFIC CONTROL TOWER SITE SELECTION		
SYMBOL		DESCRIPTION		APPROVED	DATE	
<div style="text-align: center;">REVISIONS</div>						
 Engineering Design Planning Construction Management 631.587.5060 GPINET.COM		Greenman-Pedersen, Inc. 325 West Main Street Babylon, NY 11701				
				PROJECT NO.	SUBMISSION DATE	SHEET NO.
				CP5709	07/08/2019	22 OF 24

SITE 7 TREE REMOVAL



Looking East to Taxiway E (16.5 acres)

Figure 4-9: Site 7 LOS (Tree Obstruction to Taxiway E)



Looking SE to Taxiway S (5.4 acres)

Figure 4-10: Site 7 LOS (Tree Obstruction to Taxiway S)

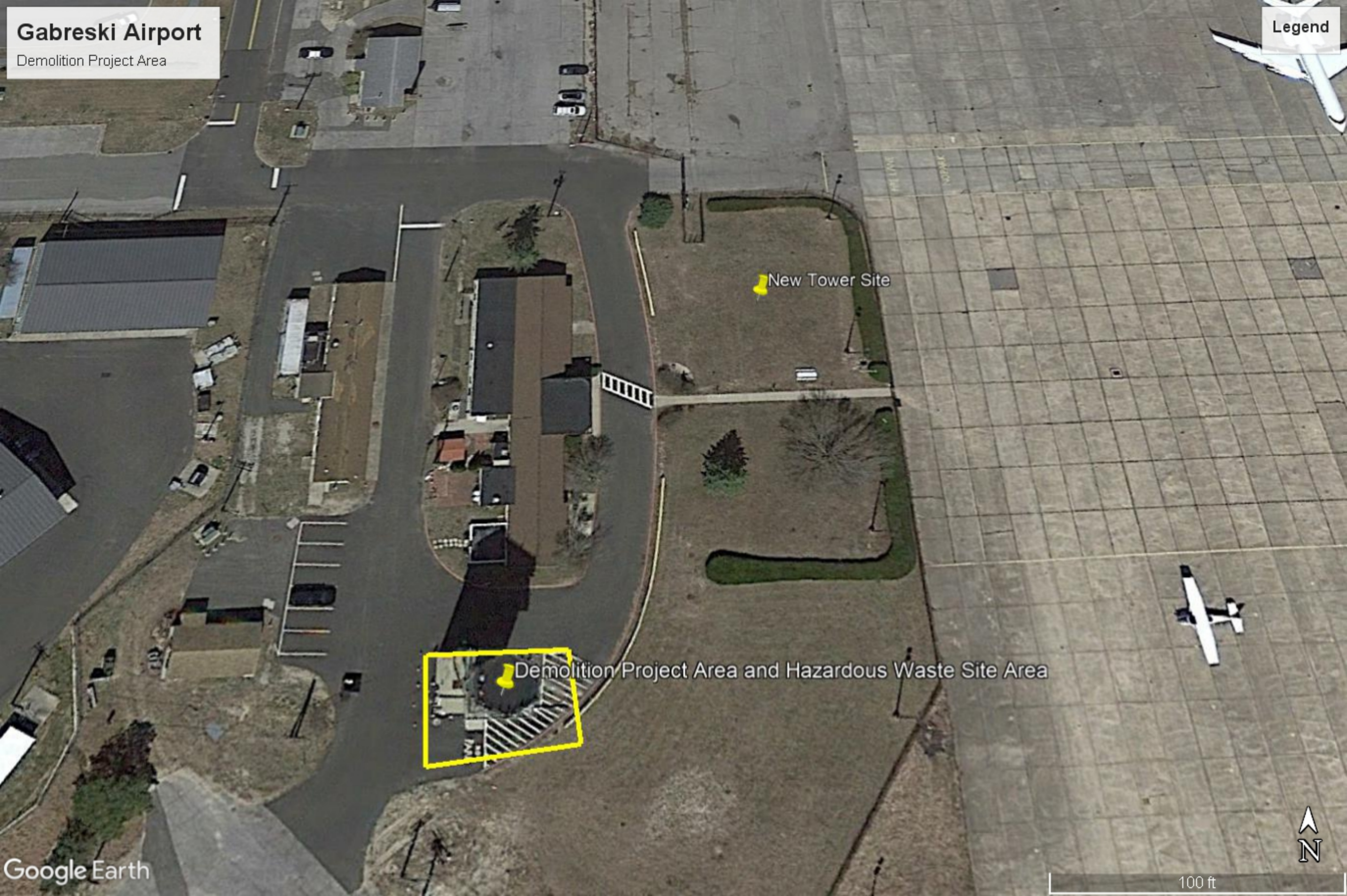
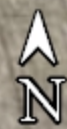
Gabreski Airport

Demolition Project Area

Legend

New Tower Site

Demolition Project Area and Hazardous Waste Site Area



Action Description

You provided to IPaC the following name and description for the subject Action.

1. Name

Replacement of Air Traffic Control Tower

2. Description

The following description was provided for the project 'Replacement of Air Traffic Control Tower':

On airport property, Demolition of existing control tower and construction of new tower, with tree clearing to ensure tower personnel have visibility of all aircraft operations. The trees slated to be cleared are on the airfield between the runways and taxiways, blocking the view of the East Taxiway and South Taxiway. Approximately 22 acres worth of trees will be cleared.

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@40.84346215,-72.63052304092,14z>

**Determination Key Result**

This Federal Action may affect the northern long-eared bat in a manner consistent with the description of activities addressed by the Service's PBO dated January 5, 2016. Any taking that may occur incidental to this Action is not prohibited under the final 4(d) rule at 50 CFR §17.40(o). Therefore, the PBO satisfies your responsibilities for this Action under ESA Section 7(a)(2) relative to the northern long-eared bat.

Determination Key Description: Northern Long-eared Bat 4(d) Rule

This key was last updated in IPaC on May 15, 2017. Keys are subject to periodic revision.

This key is intended for actions that may affect the threatened northern long-eared bat.

The purpose of the key for Federal actions is to assist determinations as to whether proposed actions are consistent with those analyzed in the Service's PBO dated January 5, 2016.

Federal actions that may cause prohibited take of northern long-eared bats, affect ESA-listed species other than the northern long-eared bat, or affect any designated critical habitat, require ESA Section 7(a)(2) consultation in addition to the use of this key. Federal actions that may affect species proposed for listing or critical habitat proposed for designation may require a conference under ESA Section 7(a)(4).

Determination Key Result

This project may affect the threatened Northern long-eared bat; therefore, consultation with the Service pursuant to Section 7(a)(2) of the Endangered Species Act of 1973 (87 Stat.884, as amended; 16 U.S.C. 1531 et seq.) is required. However, based on the information you provided, this project may rely on the Service's January 5, 2016, *Programmatic Biological Opinion on Final 4(d) Rule for the Northern Long-Eared Bat and Activities Excepted from Take Prohibitions* to fulfill its Section 7(a)(2) consultation obligation.

Qualification Interview

1. Is the action authorized, funded, or being carried out by a Federal agency?
Yes
2. Have you determined that the proposed action will have "no effect" on the northern long-eared bat? (If you are unsure select "No")
No
3. Will your activity purposefully **Take** northern long-eared bats?
No
4. [Semantic] Is the project action area located wholly outside the White-nose Syndrome Zone?
Automatically answered
No
5. Have you contacted the appropriate agency to determine if your project is near a known hibernaculum or maternity roost tree?

Location information for northern long-eared bat hibernacula is generally kept in state Natural Heritage Inventory databases – the availability of this data varies state-by-state. Many states provide online access to their data, either directly by providing maps or by providing the opportunity to make a data request. In some cases, to protect those resources, access to the information may be limited. A web page with links to state Natural Heritage Inventory databases and other sources of information on the locations of northern long-eared bat roost trees and hibernacula is available at www.fws.gov/midwest/endangered/mammals/nleb/nhisites.html.

Yes

6. Will the action affect a cave or mine where northern long-eared bats are known to hibernate (i.e., hibernaculum) or could it alter the entrance or the environment (physical or other alteration) of a hibernaculum?
No
 7. Will the action involve Tree Removal?
Yes
-

8. Will the action only remove hazardous trees for the protection of human life or property?
Yes

Project Questionnaire

If the project includes forest conversion, report the appropriate acreages below. Otherwise, type '0' in questions 1-3.

1. Estimated total acres of forest conversion:

22

2. If known, estimated acres of forest conversion from April 1 to October 31

0

3. If known, estimated acres of forest conversion from June 1 to July 31

0

If the project includes timber harvest, report the appropriate acreages below. Otherwise, type '0' in questions 4-6.

4. Estimated total acres of timber harvest

0

5. If known, estimated acres of timber harvest from April 1 to October 31

0

6. If known, estimated acres of timber harvest from June 1 to July 31

0

If the project includes prescribed fire, report the appropriate acreages below. Otherwise, type '0' in questions 7-9.

7. Estimated total acres of prescribed fire

0

8. If known, estimated acres of prescribed fire from April 1 to October 31

0

9. If known, estimated acres of prescribed fire from June 1 to July 31

0

If the project includes new wind turbines, report the megawatts of wind capacity below. Otherwise, type '0' in question 10.

10. What is the estimated wind capacity (in megawatts) of the new turbine(s)?

0

IPaC User Contact Information

Agency: Federal Aviation Administration
Name: Jonathan DeLaune
Address: 1 Aviation Plaza
Address Line 2: Suite 111
City: Jamaica
State: NY
Zip: 11434
Email: jonathan.delaune@faa.gov
Phone: 7189955772

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Fish and Wildlife, New York Natural Heritage Program
625 Broadway, Fifth Floor, Albany, NY 12233-4757
P: (518) 402-8935 | F: (518) 402-8925
www.dec.ny.gov

March 7, 2022

Joshua Smith
Suffolk County Francis S. Gabreski Airport
Francis S. Gabreski Airport, Administration Building #1
Westhampton Beach, NY 11978

Re: Replace Air Traffic Control Tower
County: Suffolk Town/City: Southampton

Dear Joshua Smith:

In response to your recent request, we have reviewed the New York Natural Heritage Program database with respect to the above project.

Enclosed is a report of rare or state-listed animals and plants, and significant natural communities that our database indicates occur in the vicinity of the project site. Our database indicates non-winter locations of Northern long-eared bat within 2.5 miles but not within 1.5 miles of the project site. Our standard reporting distance for non-winter locations of this species is 1.5 miles so they are not included in the attached report.

For most sites, comprehensive field surveys have not been conducted; the enclosed report only includes records from our database. We cannot provide a definitive statement as to the presence or absence of all rare or state-listed species or significant natural communities. Depending on the nature of the project and the conditions at the project site, further information from on-site surveys or other sources may be required to fully assess impacts on biological resources.

The presence of the plants and animals identified in the enclosed report may result in this project requiring additional review or permit conditions. For further guidance, and for information regarding other permits that may be required under state law for regulated areas or activities (e.g., regulated wetlands), please contact the NYS DEC Region 1 Office, Division of Environmental Permits, at dep.r1@dec.ny.gov.

Sincerely,



Heidi Krahling
Environmental Review Specialist
New York Natural Heritage Program



**The following state-listed animals have been documented
in the vicinity of the project site.**

The following list includes animals that are listed by NYS as Endangered, Threatened, or Special Concern; and/or that are federally listed.

For information about any permit considerations for the project, please contact the Permits staff at the NYSDEC Region 1 Office at dep.r1@dec.ny.gov, 631-444-0365.

The following species have been documented within 1/2 mile of the project site.

<i>COMMON NAME</i>	<i>SCIENTIFIC NAME</i>	<i>NY STATE LISTING</i>	<i>FEDERAL LISTING</i>
Birds			
Upland Sandpiper <i>Breeding</i>	<i>Bartramia longicauda</i>	Threatened	10923
Northern Harrier <i>Breeding</i>	<i>Circus hudsonius</i>	Threatened	11127

This report only includes records from the NY Natural Heritage database.

If any rare plants or animals are documented during site visits, we request that information on the observations be provided to the New York Natural Heritage Program so that we may update our database.

Information about many of the listed animals in New York, including habitat, biology, identification, conservation, and management, are available online in Natural Heritage's Conservation Guides at www.guides.nynhp.org, and from NYSDEC at www.dec.ny.gov/animals/7494.html.



**The following rare plants, rare animals, and significant natural communities
have been documented at the project site, or in its vicinity.**

We recommend that potential impacts of the proposed project on these species or communities be addressed as part of any environmental assessment or review conducted as part of the planning, permitting and approval process, such as reviews conducted under SEQ. Field surveys of the project site may be necessary to determine whether a species currently occurs at the site, particularly for sites that are currently undeveloped and may still contain suitable habitat. Final requirements of the project to avoid, minimize, or mitigate potential impacts are determined by the lead permitting agency or the government body approving the project.

The following animals, while not listed by New York State as Endangered or Threatened, are rare in New York and are of conservation concern.

COMMON NAME	SCIENTIFIC NAME	NY STATE LISTING	HERITAGE CONSERVATION STATUS	
Moths				
Herodias or Pine Barrens Underwing	<i>Catocala herodias gerhardi</i>	Special Concern	Critically Imperiled in NYS and Globally Uncommon	
Documented within 1/2 mile east of the project site. 1995-07-20: Moths were found in dwarf pine barrens dominated by dwarf Pinus rigida and scrub oak.				2809
Packard's Lichen Moth	<i>Cisthene packardii</i>	Unlisted	Status Uncertain	
Documented within 1/2 mile east of the project site. 1995-06-08: The moth was taken in a dwarf pine barrens dominated by dwarf pitch pine and scrub oak.				7483
Jersey Jarr Underwing	<i>Catocala jarr ssp. 2</i>	Special Concern	Critically Imperiled in NYS	
Documented within 1/2 mile east of the project site. 1995-07-27: The moth was taken in a dwarf pine barrens dominated by dwarf pitch pine and scrub oak.				7756
Coastal Barrens Buckmoth	<i>Hemileuca maia ssp. 5</i>	Special Concern	Imperiled in NYS and Globally Uncommon	
Documented within 1/2 mile east of the project site. 1995-06-27: The larvae were observed in dwarf pine barrens dominated by dwarf pitch pine and scrub oak.				9859

The following natural communities are considered significant from a statewide perspective by the NY Natural Heritage Program. Each community is either an example of a community type that is rare in the state, or a high-quality example of a more common community type. By meeting specific, documented criteria, the NY Natural Heritage Program considers these community occurrences to have high ecological and conservation value.

COMMON NAME	SCIENTIFIC NAME	NY STATE LISTING	HERITAGE CONSERVATION STATUS
Upland/Terrestrial Communities			
Dwarf Pine Plains			High Quality Occurrence of Rare Community Type and Globally Rare
Documented at the Taxiway E project site. This is a good quality pine plains with good species for its type and few exotic species. It is fairly well buffered along 50% of its boundary but fragmentation has reduced the connectivity among its patches.			4443
Pitch Pine-Oak Forest			High Quality Occurrence of Rare Community Type
Documented at both project sites. Development is encroaching from all sides, but portions, especially within the public owned lands, are in good shape. Fire suppression is an issue but the community retains good species' and some structural diversity. Exotic and invasive plants are present in low levels in sampled areas.			5544
Pitch Pine-Oak-Heath Woodland			High Quality Occurrence of Rare Community Type
Documented at both project sites. This is very large woodland in good to very good condition which forms the core of a very large barrens community complex. Some sections of the woodland are highly fragmented and likely degraded by altered ecological processes and reducing connectivity.			8060

The following plant is listed as Threatened by New York State, and so is a vulnerable natural resource of conservation concern.

COMMON NAME	SCIENTIFIC NAME	NY STATE LISTING	HERITAGE CONSERVATION STATUS
Showy Aster	<i>Eurybia spectabilis</i>	Threatened	Imperiled in NYS
Documented within 1/3 mile southwest of the Taxiway S project site. 1991-09-11: A mowed field at the end of a runway in former pine barrens area.			8206

This report only includes records from the NY Natural Heritage database. For most sites, comprehensive field surveys have not been conducted, and we cannot provide a definitive statement as to the presence or absence of all rare or state-listed species. Depending on the nature of the project and the conditions at the project site, further information from on-site surveys or other sources may be required to fully assess impacts on biological resources.

If any rare plants or animals are documented during site visits, we request that information on the observations be provided to the New York Natural Heritage Program so that we may update our database.

Information about many of the rare animals and plants in New York, including habitat, biology, identification, conservation, and management, are available online in Natural Heritage's Conservation Guides at www.guides.nynhp.org, from NatureServe Explorer at www.natureserve.org/explorer, and from USDA's Plants Database at <http://plants.usda.gov/index.html> (for plants).

Information about many of the natural community types in New York, including identification, dominant and characteristic vegetation, distribution, conservation, and management, is available online in Natural Heritage's Conservation Guides at www.guides.nynhp.org. For descriptions of all community types, go to www.dec.ny.gov/animals/29384.html for Ecological Communities of New York State.

Ecological Resources Attachment

As indicated in the EAF project description, the proposed action involves the disturbance of approximately 0.5 acres for the construction of the new air traffic control tower. The new tower location is approximately 200 feet north northeast of the existing tower, in a previously disturbed landscaped area, located in front of the airport terminal building, between the terminal and aircraft parking apron.

The proposed project also involves the clearing of approximately 22 acres of trees. As part of the construction of the new Tower, the FAA also will require approximately 22 acres of tree clearing inside the airport airfield between active runways and taxiways. These trees are listed by the FAA as a human health safety required measure and are an obstruction to air navigation (trees block the tower line of sight to portions of the active runways and taxiways).

All areas of proposed clearing have been designated as “Future Clearing” areas on the Gabreski Airport Proposed Land Use Plan (see attached). The Gabreski Airport Proposed Land Use Plan, which was developed for Gabreski Airport in 2006 and 2007, was reviewed by the New York State Central Pine Barrens Commission for conformance with the Central Pine Barrens Plan clearance standard. An October 6, 2006 letter from the New York State Central Pine Barrens Commission to the Gabreski Airport Director stated that “A preliminary review of the Gabreski Plan indicates that it conforms to the with the Pine Barrens Plan Clearance Standards. Any changes to the Gabreski Plan, which will require clearing of the areas to remain nature would not conform with the Plan or Act”.

As indicated in the attached project location map, the intended project involves two tree clearing areas located between active runway and taxiways. “Tree Clearing Area 1” is adjacent to a constructed solar panel array, which was subject to a previous Suffolk County SEQRA review in 2014. Historic aerials also indicate that proposed tree clearing areas have been subject to partial clearing and disturbance in the past related to historical airport activities.

As part of the FAA NEPA review, consultations were conducted with the United States Fish and Wildlife Service (USFW) and New York State Department of Environmental Conservation. Included as an attachment is the USFW Service IPaC Resource report that was generated for this proposed project. This IPaC report is an automatically generated list of species and other resources such as critical habitat under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area. Also included as an attachment is NYSDEC dated March 7, 2022 consultation response. This NYSDEC response provides a report from the New York State Natural Heritage of rare or state-listed animals and plants, and significant natural communities that the database indicates occur in the vicinity of the project site.

As indicated in the NEPA review for the proposed action, the Northern Long Eared Bat was found to have a potential habitat at Gabreski Airport. The NEPA review found that the action may affect the northern long-eared bat; however, any take that may occur as a result of the Action is not prohibited under the ESA Section 4(d) rule adopted for this species at 50 CFR §17.40(o). The NEPA review incorporated the mitigation that no tree removal will take place between June 1 and July 31.

The NYSDEC March 7, 2022 consultation response indicates that two listed New York State Threatened Birds – the Upland Sandpiper and the Northern Harrier have been documented within one half mile of

the project site. The NYSDEC consultation response also indicated that the New York State Threatened Showy Aster vascular plant was documented in 1991 within 1/3 miles of the Airport south taxiway in a mowed field at the end of the airport runway. The NYSDEC response also indicates that four designated rare Moths have been documented within 0.5 miles to the east of the project site. After a further discussion with NYSDEC, it was determined that NYSDEC will limit the allowable tree clearing window for Gabreski Airport from December 1st to February 28th. In addition, a NYSDEC Joint Application Form will be submitted to the NYSDEC to determine if an Incidental Take of Endangered/Species is required for the proposed action. Should said permit be required, the proposed action will be conducted in conformance with all applicable NYSDEC permit requirements and restrictions.

As indicated by the aerial photographs and the data in the EAF provided by the NYSDEC EAF Mapper program the proposed vegetative clearing represents a very small percentage of the existing identified significant natural communities which are located adjacent to the Airport property and in the Airport lands designated to remain natural. Unlike the high quality example of natural communities that are located in close proximity to the proposed project, the proposed tree clearing areas also do not represent the high quality example of these natural communities. It is also anticipated that the seasonal tree clearing restriction will protect the identified wildlife species and will also allow wildlife to relocate to a more appropriate habitat location away from the active airfield. In addition, Gabreski Airport has a full time USDA Wildlife Biologist who will be available to monitor the project and tree clearing operations and will be able to employ mitigation measures to protect wildlife if necessary.

SUFFOLK COUNTY ENVIRONMENTAL ASSESSMENT FORM

Appendix B Visual EAF Addendum

This form may be used to provide additional information relating to Question 9 of Part 1 of the Full Environmental Assessment Form

Note: See Visual EAF Addendum Attachment for additional information.

VISIBILITY

1. Would the project be visible from:	Distance Between Project and Resource (in miles)				
	0 - ¼	¼ - ½	½ - 3	3-5	5+
a. A parcel of land which is dedicated to and available to the public for the use, enjoyment and appreciation of natural or man-made scenic qualities	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. An overlook or parcel of land dedicated to public observation, enjoyment and appreciation of natural or man-made scenic qualities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. A site or structure listed on the National or State Registers of Historic Places	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. State Parks	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. The State Forest Preserve	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. National Wildlife Refuges and State Game Refuges	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. National Natural Landmarks and other outstanding natural features	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
h. National Park Service lands	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
i. Rivers designated as National or State Wild, Scenic or Recreational	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
j. Any transportation corridor of high exposure, such as part of the Interstate System or Amtrak	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k. A governmentally established or designated interstate or inter-county foot trail, or one formally proposed for establishment or designation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
l. A site, area, lake, reservoir or highway designated as scenic	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
m. Municipal park or designated open space	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
n. County road	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
o. State road	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
p. Local road	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2. Is the visibility of the project seasonal? (i.e., screened by summer foliage but visible during other seasons)

☐ Yes ☒ No

3. Are any of the resources checked in question 1 used by the public during the time of year during which the project will be visible?

☒ Yes ☐ No

DESCRIPTION OF EXISTING VISUAL ENVIRONMENT

4. From each item checked in question 1, check those which generally describe the surrounding environment.

	Within	
	¼ mile*	1 mile*
Essentially undeveloped	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Forested	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Agricultural	<input type="checkbox"/>	<input type="checkbox"/>
Suburban Residential	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Industrial	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Commercial	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Urban	<input type="checkbox"/>	<input type="checkbox"/>
River, Lake, Pond	<input type="checkbox"/>	<input type="checkbox"/>
Cliffs, Overlooks	<input type="checkbox"/>	<input type="checkbox"/>
Designated Open Space	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Flat	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Hilly	<input type="checkbox"/>	<input type="checkbox"/>
Mountainous	<input type="checkbox"/>	<input type="checkbox"/>
Other:	<input type="checkbox"/>	<input type="checkbox"/>

NOTE: Add attachments as needed.

5. Are there visually similar projects within*:

½ mile: ☒ Yes ☐ No 1 mile: ☐ Yes ☒ No 2 miles: ☐ Yes ☒ No 3 miles: ☐ Yes ☒ No

* Distance from project site is provided for assistance. Substitute other distances as appropriate.

EXPOSURE

6. The annual number of viewers likely to observe the proposed project is: approximately 14,000 trips per day or 5,000,000 annually along county road 31 along the airport.
NOTE: When user data is unavailable or unknown, use best estimate. Reported from NYSDOT.

CONTEXT

7. The situation or activity in which the viewers are engaged while viewing the proposed action is:

	Frequency			
Activity	Daily	Weekly	Holidays/ Weekends	Seasonally
Travel to and from work	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Involved in recreational activities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Routine travel by residents	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
At a residence	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
At worksite	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Visual EAF Addendum Attachment

In 2018 the County of Suffolk authorized a task order to CTBXaviation of Merritt Island, FL to conduct the alternate siting process in accordance with FAA order 6480.4B. During the site selection process for a new Air traffic Control Tower, the FAA and Gabreski Airport Management looked at 10 sites around the airport that would be best suited for a new tower. Site 7 was ultimately selected by the Safety Risk Management Panel members which included several FAA lines of business, airport management and the Air National Guard. Site 7 went through a formal safety risk management assessment and all potential risks were discussed and assessed a mitigation measure. Site 7 is located approximately 200 feet north northeast of the existing tower in front of the airport terminal building in a pre-disturbed grass area between the terminal fire lane and aircraft parking apron. This location ensures the proposed tower has unobstructed views of all controlled airport surface areas and maximum visibility of airborne traffic.

Francis S. Gabreski Airport is located on 1,451 acres. With the large airport property and nearly 2 mile long main runway, the proposed Air Traffic Control Tower will be constructed to a max height of 163 feet tall (this is to the top of the antennas). The existing tower is currently standing at 75 feet tall. The height of the proposed tower was determined based on the guidance and requirements set forth by the FAA order 6480.4B Airport Traffic Control Tower Siting Process.

This increase in height is due to the focus on safety of aircraft operations on and in the vicinity of the airport. The new tower will be constructed in the industrial area of the airport and although it will be standing at a significantly higher height, the new tower will be similar in nature to the existing structures surrounding it. Also, with the large expanse of property at Gabreski Airport and the location of the new tower being next to the existing tower, the visibility from local communities will be very minimal to non-existent.

To provide a visual perspective, enclosed is a series of pictures taken from locations near the airport boundary. This series include pictures that indicate the location of the new airport tower and include the old tower for relative scale. The pictures also show the industrial area of the airport where the new tower will be located and the visual buffers that currently exist.

As indicated by pictures # 2 and # 5, the airport is located in the Central Pine Barrens and is surrounded by tall thick Pine trees that provide a natural barrier to the neighboring residential communities to the south and east. The nearest community to the new tower is located 0.7 miles directly south of the airport. This community has a tree line between the neighborhood and the Long Island Rail Road tracks and then another barrier of trees between a roadway and the airport airfield property. With all of the natural buffers, similar facilities (including the Air National Guard Base), and the distance between the surrounding communities and the new tower location, the visible impact of the New Tower will be very minimal to non-existent.

The new tower may be noticeable is from the airport entrance on County Road 31 and may be visible to the public traveling on County Road 31. Several images and renderings have been attached for visual reference of existing and proposed conditions. Based on the existing industrial nature of the Airport and the Air National Guard Based at this location, and commercial land uses at this location it is not anticipated that the visibility of the Tower and this location will have a significant adverse impact on the environment.

A mathematical analysis also revealed that from the closest neighboring community the angle from the ground to the top of the new tower is approximately 3 degrees. From County Road 31, the angle from the ground to the top of the new tower is approximately 7 degrees. These small angles above the horizon indicate the minimal impact the new tower height will have in regards to visual impact.

Airport Image Locations



County Road 31 & Sheldon Way (Airport Main Entrance) – Location 1



Airport South Perimeter Road – Facing Residential Neighborhood – Location 2



Airport South Perimeter Road – Facing Airfield (Location 2)



County Road 31 and Cook Street – Location 3



County Road 31 and Cook Street – Facing County Road 31 and Airport Tenant Building – Location 3



County Road 31 and Cook Street – Facing County Road 31 and Air National Guard Fence – Location 3



Airport North Perimeter Road – Facing Airport – Location 4



Airport Property Facing Residential Neighborhood – Location 5



Airport Property Facing Existing Tower – Location 5





SUFFOLK COUNTY
FULL ENVIRONMENTAL ASSESSMENT FORM
6 NYCRR Part 617
State Environmental Quality Review

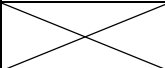
Part 2 – Identification of Potential Project Impacts

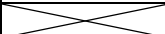
Instructions: Part 2 is to be completed by the lead agency. It is designed to help the lead agency inventory all potential resources that could be affected by a proposed project or action. We recognize that the lead agency's reviewer(s) will not necessarily be environmental professionals. So, the questions are designed to walk a reviewer through the assessment process by providing a series of questions that can be answered using the information found in Part 1. To further assist the lead agency in completing Part 2, the form identifies the most relevant questions in Part 1 that will provide the information needed to answer the Part 2 question. When Part 2 is completed, the lead agency will have identified the relevant environmental areas that may be impacted by the proposed activity.

Tips for completing Part 2:

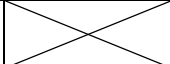
- _____ Review all of the information provided in Part 1.
- _____ Review any application, maps, supporting materials and the Full EAF Workbook.
- _____ Answer each of the 18 questions in Part 2.
- _____ If you answer “**YES**” to a numbered question, please complete all the questions that follow in that section.
- _____ If you answer “**NO**” to a numbered question, move on to the next numbered section.
- _____ Check appropriate column to indicate the anticipated size of the impact.
- _____ Proposed projects that would exceed a numeric threshold contained in a question should result in the reviewing agency checking the box “**Moderate to large impact may occur.**”
- _____ The reviewer is not expected to be an expert in environmental analysis.
- _____ If you are not sure or undecided about the size of an impact, it may help to review the sub-questions for the general question and consult the workbook.
- _____ When answering a question consider all components of the proposed activity, that is, the “whole action.”
- _____ Consider the possibility for long-term and cumulative impacts as well as direct impacts.
- _____ Answer the question in a reasonable manner considering the scale and context of the project.

1. _____ Impact on Land The proposed action may involve construction on, or physical alteration of the land surface of the proposed site. (See Part 1.D.1) <i>If “YES”, answer questions a-h. If “NO”, move on to Section 2.</i> <div style="text-align: right;">YES <input checked="" type="checkbox"/> NO <input type="checkbox"/></div>			
	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ The proposed action may involve construction on land where depth to water table is less than 3 feet.	E.2.d	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may involve construction on slopes of 15% or greater.	E.2.f	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action may involve construction on land where bedrock is exposed, or generally within 5 feet of existing ground surface.	E.2.a	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may involve the excavation and removal of more than 1,000 tons of natural	D.2.a	<input checked="" type="checkbox"/>	<input type="checkbox"/>

material.			
e. _____ The proposed action may involve construction that continues for more than one year or in multiple phases.	D.1.g	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f. _____ The proposed action may result in increased erosion, whether from physical disturbance or vegetation removal (including from treatment by herbicides).	D.2.e D.2.q	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. _____ The proposed action is, or may be, located within a Coastal Erosion hazard area.	B.ix	<input checked="" type="checkbox"/>	<input type="checkbox"/>
h. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

2. _____ Impact on Geological Features The proposed action may result in the modification or destruction of, or inhibit access to, any unique or unusual land forms on the site (e.g., cliffs, dunes, minerals, fossils, caves). (See Part 1.E.2.g) If "YES", answer questions a-c. If "NO", move on to Section 3. <div style="text-align: right;">YES <input type="checkbox"/> NO <input checked="" type="checkbox"/></div>			
	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ Identify the specific land form(s):	E.2.g	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may affect or is adjacent to a geological feature listed as a registered National Natural Landmark. Specific feature: _____	E.3.c	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

3. _____ Impact on Surface Water The proposed action may affect one or more wetlands or other surface water bodies (e.g., streams, rivers, ponds or lakes). (See Part 1.D.2 & E.2.h) If "YES", answer questions a-l. If "NO", move on to Section 4. <div style="text-align: right;">YES <input type="checkbox"/> NO <input checked="" type="checkbox"/></div>			
	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ The proposed action may create a new water body	D.1.j D.2.b	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may result in an increase or decrease of over 10% or more than a 10 acre increase or decrease in the surface area of any body of water.	D.2.b	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action may involve dredging more than 100 cubic yards of material from a wetland or water body.	D.2.a	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may involve construction within or adjoining a freshwater or tidal wetland, or in the bed or banks of any other water body.	E.2.h E.2.i	<input type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may create turbidity in a waterbody, either from upland erosion, runoff or by	D.2.a D.2.h	<input type="checkbox"/>	<input type="checkbox"/>


disturbing bottom sediments.			
f. _____ The proposed action may include construction of one or more intake(s) for withdrawal of water from surface water.	D.2.c	<input type="checkbox"/>	<input type="checkbox"/>
g. _____ The proposed action may include construction of one or more outfall(s) for discharge of wastewater to surface water(s).	D.2.d	<input type="checkbox"/>	<input type="checkbox"/>
h. _____ The proposed action may cause soil erosion, or otherwise create a source of stormwater discharge that may lead to siltation or other degradation of receiving water bodies.	D.2.e	<input type="checkbox"/>	<input type="checkbox"/>
i. _____ The proposed action may affect the water quality of any water bodies within or downstream of the site of the proposed action.	E.2.h – E.2.l	<input type="checkbox"/>	<input type="checkbox"/>
j. _____ The proposed action may involve the application of pesticides or herbicides in or around any water body.	D.2.q E.2.h – E.2.l	<input type="checkbox"/>	<input type="checkbox"/>
k. _____ The proposed action may require the construction of new, or expansion of existing, wastewater treatment facilities.	D.1.a D.2.d	<input type="checkbox"/>	<input type="checkbox"/>
l. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

4. _____ Impact on Groundwater The proposed action may result in new or additional use of groundwater, or may have the potential to introduce contaminants to groundwater or an aquifer. (See Part 1.D.2.a, D.2.c, D.2.d, D.2.p, D.2.q, D.2.t) <i>If “YES”, answer questions a-h. If “NO”, move on to Section 5.</i> <div style="text-align: right;">YES <input checked="" type="checkbox"/> NO <input type="checkbox"/></div>			
	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ The proposed action may require new water supply wells, or create additional demand on supplies from existing water supply wells.	D.2.c	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. _____ Water supply demand from the proposed action may exceed safe and sustainable withdrawal capacity rate of the local supply or aquifer. Cite Source: _____	D.2.c	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action may allow or result in residential uses in areas without water and sewer services.	D.1.a D.2.c – D.2.d	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may include or require wastewater discharged to groundwater.	D.2.d E.2.p	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may result in the construction of water supply wells in locations where groundwater is, or is suspected to be, contaminated.	D.2.c E.1.f – E.1.h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. _____ The proposed action may require the bulk storage of petroleum or chemical products over ground water or an aquifer.	D.2.p E.2.p	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. _____ The proposed action may involve the commercial application of pesticides within 100 feet of potable drinking water or irrigation sources.	D.2.q E.2.h – E.2.l E.2.p D.2.c	<input checked="" type="checkbox"/>	<input type="checkbox"/>

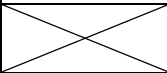
h. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>
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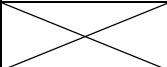
5. _____ Impact on Flooding The proposed action may result in development on lands subject to flooding. (See Part 1.E.2) YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> <i>If "YES", answer questions a-g. If "NO", move on to Section 6.</i>			
	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ The proposed action may result in development in a designated floodway.	E.2.m	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may result in development within a 100 year floodplain.	E.2.n	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action may result in development within a 500 year floodplain.	E.2.o	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may result in, or require, modification of existing drainage patterns.	D.2.b D.2.e	<input type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may change flood water flows that contribute to flooding.	D.2.b E.2.m – E.2.o	<input type="checkbox"/>	<input type="checkbox"/>
f. _____ If there is a dam located on the site of the proposed action, the dam has failed to meet one or more safety criteria on its most recent inspection.	E.1.e	<input type="checkbox"/>	<input type="checkbox"/>
g. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

6. _____ Impact on Air The proposed action may include a state regulated air emission source. (See Part 1.D.2.f, D.2.h, D.2.g) YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> <i>If "YES", answer questions a-f. If "NO", move on to Section 7.</i>			
	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ If the proposed action requires federal or state air emission permits, the action may also emit one or more greenhouse gases at or above the following levels:			
i. _____ More than 1000 tons/year of carbon dioxide (CO2)	D.2.g	<input type="checkbox"/>	<input type="checkbox"/>
ii. _____ More than 3.5 tons/year of nitrous oxide (N2O)	D.2.g	<input type="checkbox"/>	<input type="checkbox"/>
iii. _____ More than 1000 tons/year of carbon equivalent of perfluorocarbons (PFCs)	D.2.g	<input type="checkbox"/>	<input type="checkbox"/>
iv. _____ More than .045 tons/year of sulfur hexafluoride (SF6)	D.2.g	<input type="checkbox"/>	<input type="checkbox"/>
v. _____ More than 1000 tons/year of carbon dioxide equivalent of hydrochlorofluorocarbons (HCFCs) emissions	D.2.g	<input type="checkbox"/>	<input type="checkbox"/>
vi. 43 tons/year or more of methane	D.2.h	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may generate 10 tons/year or more of any one designated hazardous air pollutant, or 25 tons/year or more of any combination of such hazardous	D.2.g	<input type="checkbox"/>	<input type="checkbox"/>


air pollutants.			
c. The proposed action may require a state air registration, or may produce an emissions rate of total contaminants that may exceed 5 lbs. per hour, or may include a heat source capable of producing more than 10 million BTU=s per hour.	D.2.f D.3.g	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may reach 50% of any two or more of the thresholds in “a” through “c”, above.	D.1.i D.2.k	<input type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may result in the combustion or thermal treatment of more than 1 ton of refuse per hour.	D.2.s	<input type="checkbox"/>	<input type="checkbox"/>
f. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>


7. _____ Impact on Plants and Animals The proposed action may result in a loss of flora or fauna. YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> (See Part 1.E.2.q – E.2.u) <i>If “YES”, answer questions a-j. If “NO”, move on to Section 8.</i>			
	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ The proposed action may cause reduction in population or loss of individuals of any threatened or endangered species, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E.2.s	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may result in a reduction or degradation of any habitat used by any rare, threatened or endangered species, as listed by New York State or the federal government.	E.2.s	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may cause reduction in population, or loss of individuals, of any species of special concern or conservation need, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E.2.t	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may result in a reduction or degradation of any habitat used by any species of special concern and conservation need, as listed by New York State or the Federal government.	E.2.t	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may diminish the capacity of a registered National Natural Landmark to support the biological community it was established to protect.	E.3.c	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. _____ The proposed action may result in the removal of, or ground disturbance in, any portion of a designated significant natural community. Source:	E.2.r	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. _____ The proposed action may substantially interfere with nesting/breeding, foraging, or over-wintering habitat for the predominant species that occupy or use the project site.	E.2.q	<input checked="" type="checkbox"/>	<input type="checkbox"/>
h. _____ The proposed action requires the conversion of more than 10 acres of forest, grassland or any other regionally or locally important habitat. Habitat type & information source:	E.1.b	<input type="checkbox"/>	<input checked="" type="checkbox"/>
i. _____ Proposed action (commercial, industrial or recreational projects, only) involves use of	D.2.q	<input checked="" type="checkbox"/>	<input type="checkbox"/>

herbicides or pesticides.			
j. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

8. _____ Impact on Agricultural Resources The proposed action may impact agricultural resources. YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> (See Part 1.E.3.a & E.3.b) <i>If "YES", answer questions a-h. If "NO", move on to Section 9.</i>			
	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ The proposed action may impact soil classified within soil group 1 through 4 of the NYS Land Classification System.	E.2.c E.3.b	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may sever, cross or otherwise limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc.).	E.1.a E.1.b	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may result in the excavation or compaction of the soil profile of active agricultural land.	E.3.b	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may irreversibly convert agricultural land to non-agricultural uses, either more than 2.5 acres if located in an Agricultural District or more than 10 acres if not within an Agricultural District.	E.1.b E.3.a	<input type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may disrupt or prevent installation of an agricultural land management system.	E.1.a E.1.b	<input type="checkbox"/>	<input type="checkbox"/>
f. _____ The proposed action may result, directly or indirectly, in increased development potential or pressure on farmland.	C.2.c, C.3 D.2.c, D.2.d	<input type="checkbox"/>	<input type="checkbox"/>
g. _____ The proposed project is not consistent with the adopted municipal Farmland Protection Plan.	C.2.c	<input type="checkbox"/>	<input type="checkbox"/>
h. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

9. _____ Impact on Aesthetic Resources The land use of the proposed action are obviously different from, or are in sharp contrast to, current land use patterns between the proposed project and a scenic or aesthetic resource. (See Part 1.E.1.a, E.1.b, E.3.h) YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> <i>If "YES", answer questions a-g and complete Appendix B - Visual EAF Addendum. If "NO", move on to Section 10.</i>			
	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ Proposed action may be visible from any officially designated federal, state, or local scenic or aesthetic resource.	E.3.h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may	C.2.b	<input checked="" type="checkbox"/>	<input type="checkbox"/>

result in the obstruction, elimination or significant screening of one or more officially designated scenic views.	E.3.h		
c. The proposed action may be visible from publicly accessible vantage points: i. Seasonally (e.g., screened by summer foliage, but visible during other seasons) ii. Year round	E.3.h E.3.h	<input type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
d. _____ The situation or activity in which viewers are engaged while viewing the proposed action is: i. Routine travel by residents, including travel to and from work ii. Recreational or tourism based activities	E.3.h E.2.u E.1.c	 <input checked="" type="checkbox"/> <input type="checkbox"/>	 <input type="checkbox"/> <input type="checkbox"/>
e. _____ The proposed action may cause a diminishment of the public enjoyment and appreciation of the designated aesthetic resource.	E.3.h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. _____ There are similar projects visible within the following distance of the proposed project: 0 – ½ mile ½ – 3 mile 3 – 5 mile 5+ mile	D.1.a D.1.h D.1.i E.1.a	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
g. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

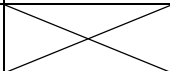
10. _____ Impact on Historic and Archeological Resources The proposed action may occur in or adjacent to an historic or archaeological resource. (See Part 1.E.3.e, E.3.f, E.3.g) YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> <i>If "YES", answer questions a-e. If "NO", move on to Section 11.</i>			
	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ The proposed action may occur wholly or partially within, or substantially contiguous to, any buildings, archaeological site or district which is listed on or has been nominated by the NYS Board of Historic Preservation for inclusion on the State or National Register of Historic Places.	E.3.e	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may occur wholly or partially within, or substantially contiguous to, an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory.	E.3.f	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may occur wholly or partially within, or substantially contiguous to, an archaeological site not included on the NY SHPO inventory. Source:	E.3.g	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>
e. _____ If any of the above (a-d) are answered "Yes", continue with the following questions to help support conclusions in Part 3: i. The proposed action may result in the destruction or alteration of all or part of the site or property.	E.3.e – E.3.g	<input type="checkbox"/>	<input type="checkbox"/>

ii. The proposed action may result in the alteration of the property's setting or integrity.	E.1.a, E.1.b E.3.e – E.3.g	<input type="checkbox"/>	<input type="checkbox"/>
iii. The proposed action may result in the introduction of visual elements which are out of character with the site or property, or may alter its setting.	C2, C3 E.3.g, E.3.h	<input type="checkbox"/>	<input type="checkbox"/>

11. _____ Impact on Open Space and Recreation

The proposed action may result in a loss of recreational opportunities or a reduction of an open space resource as designated in any adopted municipal open space plan. (See Part 1.C.2.c, E.1.c, E.2.u) YES ☐ NO ☒

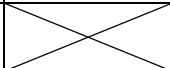
If "YES", answer questions a-e. If "NO", move on to Section 12.

	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ The proposed action may result in an impairment of natural functions, or "ecosystem services", provided by an undeveloped area, including but not limited to stormwater storage, nutrient cycling, and wildlife habitat.	D.2.e, E.1.b E.2.h – E.2.l E.2.q – E.2.t	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may result in the loss of a current or future recreational resource.	C.2.a, C.2.c E.1.c, E.2.u	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may eliminate open space or recreational resource in an area with few such resources.	C.2.a, C.2.c E.1.c, E.2.u	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may result in loss of an area now used informally by the community as an open space resource.	C.2.c, E.1.c	<input type="checkbox"/>	<input type="checkbox"/>
e. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

12. _____ Impact on Critical Environmental Areas

The proposed action may be located within or adjacent to a critical environmental area (CEA). (See Part 1.E.3.d) YES ☒ NO ☐

If "YES", answer questions a-c. If "NO", move on to Section 13.

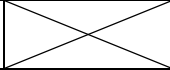
	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ The proposed action may result in a reduction in the quantity of the resource or characteristic which was the basis for designation of the CEA.	E.3.d	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in a reduction in the quality of the resource or characteristic which was the basis for designation of the CEA.	E.3.d	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>


13. _____ Impact on Transportation

The proposed action may result in a change to existing transportation systems. (See Part 1.D.2.j) YES ☒ NO ☐

If "YES", answer questions a-f. If "NO", move on to Section 14.

	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ Projected traffic increase	D.2.j	<input checked="" type="checkbox"/>	<input type="checkbox"/>

may exceed capacity of existing road network.			
b. _____ The proposed action may result in the construction of paved parking area for 500 or more vehicles.	D.2.j	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action will degrade existing transit access.	D.2.j	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action will degrade existing pedestrian or bicycle accommodations.	D.2.j	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may alter the present pattern of movement of people or goods.	D.2.j	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

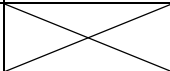
14. _____ Impact on Energy The proposed action may cause an increase in the use of any form of energy (See Part 1.D.2.k) YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> <i>If "YES", answer questions a-e. If "NO", move on to Section 15.</i>			
	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ The proposed action will require a new, or an upgrade to an existing, substation.	D.2.k	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action will require the creation or extension of an energy transmission or supply system to serve more than 50 single or two-family residences or to serve a commercial or industrial use.	D.1.h D.1.i D.2.k	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action may utilize more than 2,500 MWhrs per year of electricity.	D.2.k	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may involve heating and/or cooling of more than 100,000 square feet of building area when completed.	D.1.i	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

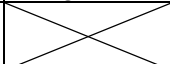
15. _____ Impact on Noise, Odor and Light The proposed action may result in an increase in noise, odors or outdoor lighting (See Part 1.D.2.m, D.2.n, D.2.o) YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> <i>If "YES", answer questions a-f. If "NO", move on to Section 16.</i>			
	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ The proposed action may produce sound above noise levels established by local regulation.	D.2.m	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may result in blasting within 1,500 feet of any residence, hospital, school, licensed day care center, or nursing home.	D.2.m E.1.d	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action may result in routine odors for more than one hour per day.	D.2.o	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may result in light shining onto adjoining properties.	D.2.n	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may result in lighting that creates sky-glow brighter than existing-area conditions.	D.2.n E.1.a	<input checked="" type="checkbox"/>	<input type="checkbox"/>

f. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>
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16. _____ Impact on Human Health The proposed action may have an impact on human health from exposure to new or existing sources of contaminants (See Part 1.D.2.q, E.1.d, E.1.f, E.1.g, E.1.h) If "YES", answer questions a-m. If "NO", move on to Section 17. YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>			
	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ The proposed action is located within 1500 feet of a school, hospital, licensed day care center, group home, nursing home or retirement community.	E.1.d	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. _____ The site of the proposed action is currently undergoing remediation.	E.1.g, E.1.h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. _____ There is a completed emergency spill remediation or a completed environmental site remediation on, or adjacent to, the site of the proposed action.	E.1.g E.1.h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. _____ The site of the action is subject to an institutional control limiting the use of the property (e.g. easement, deed restriction)	E.1.g E.1.h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may affect institutional control measures that were put in place to ensure that the site remains protective of the environment and human health.	E.1.g E.1.h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. _____ The proposed action has adequate control measures in place to ensure that future generation, treatment and/or disposal of hazardous wastes will be protective of the environment and human health.	D.2.t	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. _____ The proposed action involves construction or modification of a solid waste management facility.	D.2.q E.1.f	<input checked="" type="checkbox"/>	<input type="checkbox"/>
h. _____ The proposed action may result in the unearthing of solid or hazardous waste.	D.2.q E.1.f	<input checked="" type="checkbox"/>	<input type="checkbox"/>
i. _____ The proposed action may result in an increase in the rate of disposal, or processing, of solid waste.	D.2.r D.2.s	<input checked="" type="checkbox"/>	<input type="checkbox"/>
j. _____ The proposed action may result in excavation or other disturbance within 2000 feet of a site used for the disposal of solid or hazardous waste.	E.1.f – E.1.h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
k. _____ The proposed action may result in the migration of explosive gases from a landfill site to adjacent off site structures.	E.1.f E.1.g	<input checked="" type="checkbox"/>	<input type="checkbox"/>
l. The proposed action may result in the release of contaminated leachate from the project site.	D.2.r, D.2.s E.1.f	<input checked="" type="checkbox"/>	<input type="checkbox"/>
m. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

17. _____ Consistency with Community Plans The proposed action is not consistent with adopted land use plans. (See Part 1.C.1, C.2, C.3) If "YES", answer questions a-h. If "NO", move on to Section 18. YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>

	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ The proposed action's land use components may be different from, or in sharp contrast to, current surrounding land use pattern(s).	C.2, C.3, D.1.a, E.1.a, E.1.b	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action will cause the permanent population of the city, town or village in which the project is located to grow by more than 5%.	C.2	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action is inconsistent with local land use plans or zoning regulations.	C.2, C.3	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action is inconsistent with any County plans, or other regional land use plans.	C.2	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may cause a change in the density of development that is not supported by existing infrastructure or is distant from existing infrastructure.	C.3 D.1.e, D.1.f, D.1.h, E.1.b	<input type="checkbox"/>	<input type="checkbox"/>
f. The proposed action is located in an area characterized by low density development that will require new or expanded public infrastructure.	C.4, D.2.c, D.2.d, D.2.j	<input type="checkbox"/>	<input type="checkbox"/>
g. The proposed action may induce secondary development impacts (e.g., residential or commercial development not included in the proposed action)	C.2.a	<input type="checkbox"/>	<input type="checkbox"/>
h. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

18. _____ Consistency with Community Character The proposed action is inconsistent with the existing community character YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> (See Part 1.C.2, C.3, D.2, E.3) <i>If "YES", answer questions a-g. If "NO", move on to Part 3.</i>			
	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ The proposed action may replace or eliminate existing facilities, structures, or areas of historic importance to the community.	E.3.e, E.3.f, E.3.g	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may create a demand for additional community services (e.g. schools, police and fire)	C.4	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action may displace affordable or low-income housing in an area where there is a shortage of such housing.	C.2, C.3, D.1.h, D.1.i, E.1.a	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may interfere with the use or enjoyment of officially recognized or designated public resources.	C.2, E.3	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action is inconsistent with the predominant architectural scale and character.	C.2, C.3	<input type="checkbox"/>	<input type="checkbox"/>
f. Proposed action is inconsistent with the character of the existing natural landscape.	C.2, C.3, E.1.a, E.1.b, E.2.g – E.2.l	<input type="checkbox"/>	<input type="checkbox"/>
g. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

SUFFOLK COUNTY
FULL ENVIRONMENTAL ASSESSMENT FORM
6 NYCRR Part 617
State Environmental Quality Review

**Part 3 – Evaluation of the Magnitude and Importance of Project Impacts
and
Determination of Significance**

Part 3 provides the reasons in support of the determination of significance. The lead agency must complete Part 3 for every question in Part 2 where the impact has been identified as potentially moderate to large or where there is a need to explain why a particular element of the proposed action will not, or may, result in a significant adverse environmental impact.

Based on the analysis in Part 3, the lead agency must decide whether to require an environmental impact statement to further assess the proposed action or whether available information is sufficient for the lead agency to conclude that the proposed action will not have a significant adverse environmental impact. By completing the certification on the next page, the lead agency can complete its determination of significance.

Reasons Supporting This Determination:

To complete this section:

- * _____ Identify the impact based on the Part 2 responses and describe its magnitude. Magnitude considers factors such as severity, size or extent of an impact.
- * _____ Assess the importance of the impact. Importance relates to the geographic scope, duration, probability of the impact occurring, number of people affected by the impact and any additional environmental consequences if the impact were to occur.
- * _____ The assessment should take into consideration any design element or project changes.
- * _____ Repeat this process for each Part 2 question where the impact has been identified as potentially moderate to large or where there is a need to explain why a particular element of the proposed action will not, or may, result in a significant adverse environmental impact.
- * _____ Provide the reason(s) why the impact may, or will not, result in a significant adverse environmental impact
- * _____ For Conditional Negative Declarations identify the specific condition(s) imposed that will modify the proposed action so that no significant adverse environmental impacts will result.
- * _____ Attach additional sheets, as needed.

Please see attached EAF Part III Analysis for EAF Part II Questions 1.e, 7.h and 16.a

EAF Part III Analysis for EAF Part II Questions 1.e, 7.h and 16.a

- For EAF Part II Question 1.e which states “The proposed action may involve construction that continues for more than one year or in multiple phases” the “moderate to large impact may occur” box was checked due to exceedances of the question’s numerical threshold (the estimated total construction time is 2 years). However, based on the nature, implementation and location of the construction, the 2 year construction length is not anticipated to result in a significant adverse impact on the environment.

As indicated in the EAF - Part I, the proposed project is estimated to take 2 years to complete. This two year time line is due to the time required to construct the new tower. The vegetative clearing and the demolition of the existing tower is anticipated to be completed in a much shorter timeframe. While the tower is anticipated to take approximately two years to complete, the exterior shell of the new tower is anticipated to be completed in 8 to 9 months with the remaining approximately 15 months spent on interior tower work. The interior work is likely to have little noticeable impacts to the surrounding area. In addition, the interior work will not require significant supplies or material removal thereby resulting in little truck traffic to the site.

The project location also minimizes construction impacts to the residential, commercial and open space properties surrounding the airport property. The proposed project is located in the interior portion of the airport resulting in large buffers between the proposed project and the properties surrounding the airport property. It is anticipated that these buffers will result in minimal to no construction impacts (such as noise, odor, vibrations, ect) to the properties surrounding the airport.

The project implementation is designed to insure that the project will not impact daily operations at the airport. The construction of the new tower followed by the demolition of the existing tower will allow the airport to continue to operate normally. In addition, contingencies such as issuing Notice to Air Missions (NOTAMS), Air Traffic Controllers situational awareness training, new procedures, and a letter of agreement between the tower, airport management, and FAA will be set in place to ensure safe operation of the airport during project construction.

- For EAF Part II Question 7.h which states “The proposed action requires the conversion of more than 10 acres of forest, grassland or any other regionally or locally important habitat” the “moderate to large impact may occur” box was checked due to exceedance of the question’s numerical threshold. This proposed action involves clearing approximately 22 acres of forest type vegetation. This clearance is required by the FAA to insure that the New Tower has proper visibility of the airport’s east and south taxiways.

Please see the EAF Ecological Resources Attachment for an assessment of the ecological resources that may be impacted by this proposed clearing. As indicated in the Ecological

Assessment, this proposed project will not have a significant adverse impact on ecological resources for the following reasons:

- All proposed project clearing areas are located in the Gabreski Airport Proposed Land Use Plan's designated "Future Clearing" areas. The Gabreski Airport Proposed Land Use Plan and its designated "Future Clearing" areas was reviewed by the New York State Central Pine Barrens Commission and found to conform to the Central Pine Barrens Plan clearance standards.
 - Ecological consultations were conducted with the United States Fish and Wildlife Service (USFW) and New York State Department of Environmental Conservation (NYSDEC) for the proposed forest clearing. These consultations revealed that the Northern Long Eared Bat has potential habitat at the Gabreski Airport. In addition, two listed New York State Threatened Birds – the Upland Sandpiper and the Northern Harrier have been documented within one half mile of the project site. After further discussion with NYSDEC, it was determined that NYSDEC will limit the allowable tree clearing window for Gabreski Airport from December 1 to February 28 to mitigate potential impacts to the identified Endangered or Threatened Species. In addition, to further mitigate potential impacts to these species, a NYSDEC Joint Permit Application Form will be submitted to the NYSDEC to determine if an Incidental Take of Endangered/Threatened Species is required for the proposed action. Should said permit be required, the proposed project will be conducted in conformance with all applicable NYSDEC permit requirements and restrictions.
 - As indicated by the aerial photographs and the data provided by the NYSDEC EAF Mapper program the proposed vegetative clearing represents a very small percentage of the identified existing significant natural communities which are located adjacent to the Airport property and in the Airport lands that are designated to remain natural. Unlike the high quality example of natural communities that are located in close proximity to the proposed project, the proposed tree clearing areas do not represent the high quality examples of these natural communities. It is anticipated that the seasonal tree clearing restriction will protect the identified wildlife species and will also allow wildlife to relocate to a more appropriate habitat location away from the active airfield.
 - Gabreski Airport has a full time USDA Wildlife Biologist who will be available to monitor the project and tree clearing operations and will be able to employ mitigation measures to protect wildlife if necessary.
-
- For EAF Part II Question 16.a which states "The proposed action is located within 1500 feet of a school, hospital, licensed day care center, group home, nursing home or retirement

community” the “moderate to large impact may occur” box was checked. This is because the proposed project is located approximately 1,275 feet west of an AHRC Suffolk facility. AHRC Suffolk is a not-for-profit organization which provides programs and services to children and adults with intellectual and other developmental disabilities on Long Island. AHRC leases property from the Gabreski Airport to operate one of its Adult Day Habitation facilities.

The proposed project is not anticipated to result in significant adverse impact on this facility due to the substantial buffer that exists between the proposed project and the AHRC Suffolk facility. This buffer consists of an approximate quarter mile separation distance as well as existing airport buildings and roadways located between the proposed project and this adult facility. In addition, both the proposed airport tower and the demolition of the existing tower will be conducted in accordance with all applicable County and State regulations to insure that the construction work is done safely and will not adversely impact surrounding properties including the ADRC Suffolk facility.

**Determination of Significance
Type 1 and Unlisted Actions**

SEQR Status: Type I ☐ Unlisted ☐

Identify portions of EAF completed for this project: Part 1 ☐ Part 2 ☐ Part 3 ☐

Upon review of the information recorded on this EAF, as noted, plus this additional support information

and considering both the magnitude and importance of each identified potential impact, it is the conclusion of _____ as lead agency that:

☐ A. This project will result in no significant adverse impacts on the environment, and, therefore, an environmental impact statement need not be prepared. Accordingly, this negative declaration is issued.

☐ B. Although this project could have a significant adverse impact on the environment, that impact will be avoided or substantially mitigated because of the following conditions which will be required by the lead agency:

There will, therefore, be no significant adverse impacts from the project as conditioned, and therefore, this conditioned negative declaration is issued. A conditioned negative declaration may be used only for UNLISTED actions (see 6 NYCRR 617.7(d)).

☐ C. This Project may result in one or more significant adverse impacts on the environment, and an environmental impact statement must be prepared to further assess the impact(s) and possible mitigation and to explore alternatives to avoid or reduce those impacts. Accordingly, this positive declaration is issued.

Name of Action:

Name of Lead Agency:

Name of Responsible Officer in Lead Agency:

Title of Responsible Officer in Lead Agency:

Signature of Responsible Officer in Lead Agency: _____ Date: _____

Signature of Preparer (if different from Responsible Officer) _____ Date: _____

For Further Information:

Contact Person:

Address:

Telephone Number:

Email:

For Type 1 Actions and Conditioned Negative Declarations, a copy of this Notice is sent to:

Chief Executive Officer of the political subdivision in which the action will be principally located (Town/City/Village)

Other involved agencies (if any)

Applicant (if any)

Environmental Notice Bulletin: <http://www.dec.ny.gov/enb/enb.html>