



**Parks, Recreation  
and Historic Preservation**

## **Hallock State Park Preserve**

### **Master Plan Amendment**

**Suffolk County  
Town of Riverhead**

**July 29, 2015**





## **Development Team**

**Rose Harvey**  
*Commissioner*

**Tom Alworth**  
*Deputy Commissioner for Natural Resources*

**Wayne Horsley**  
*Regional Director, Long Island State Park Region*

## **Team Members**

### **Long Island Region Staff**

Scott Fish, *Capital Facilities Manager*  
Nicole Garofolo, *Environmental Analyst Trainee*

### **Albany Office Staff**

John Pocerobba, *Deputy Commissioner for Capital Projects*  
Diana Carter, *Director of Planning*  
Pam Otis, *Director of Environmental Management*  
Gaby Cebada Mora, *Ocean and Great Lakes Ecologist*  
Nancy Stoner, *Park Planner*

*With assistance from:*

### **Cashin Associates**

Gregory Greene  
Nancy Lenz

### **Hallockville Museum Farm**

Richard Wines

## Introduction

Consistent with the intent of the State Environmental Quality Review Act (SEQRA), OPRHP prepared a Master Plan and Environmental Impact Statement for Hallock State Park Preserve. (OPRHP, 2010) Environmental factors were considered in evaluating the plan alternatives and in selecting the preferred alternative, i.e., the Master Plan document (Master Plan/EIS). The environmental setting of Hallock State Park is discussed in Chapter 3 of the Master Plan/EIS. (OPRHP, 2010) The 2010 Master Plan/EIS can be found at <http://nysparks.com/inside-our-agency/master-plans.aspx>.

At the time of the development of the Master Plan/EIS, the Preserve was managed as a natural open space by the manager of another State Park facility, Wildwood State Park. The Master Planning Team felt that it was important to develop a presence at the Preserve because of its remote location and selected an alternative that involved the construction of a Park Manager's residence, maintenance facility, and a Nature Center/Park Office building with miles of paved road, miles of foot trails and parking for 75 cars/buses. (OPRHP, 2010)

Recently, funding for capital projects has been made available to the Agency. The Agency, committed to develop and open Hallock State Park Preserve, selected from the Master Plan for implementation: the Preserve entrance, Nature Center/Park Office building, initial trails, and parking.

The amount of funding available led to a scaled back development proposal. A desire to partner with the nearby Hallockville Museum Farm and to have a more visible presence on Sound Avenue led to the consideration of a new location for the Visitor Center/Park Office building. This new location was an alternative considered in the 2010 Master Plan but was not selected as preferred because it was not large enough to accommodate the larger development specified in the Master Plan. The scaled back development proposed in this project makes this new location a more feasible and attractive alternative.

The information that follows describes the current project proposal, compares the master plan components to the new project proposal, provides a rationale why the new project location and scaled back development are now preferred over the Master Plan and evaluates the environmental impacts of the new project.

Together with the full Environmental Assessment Form (EAF), project development drawings and the information contained within the 2010 Master Plan/EIS, this document constitutes an Amendment to the Master Plan for Hallock State Park Preserve.

## Project Description

The revised design for Hallock State Park Preserve includes relocation of the primary development to the 1.4 acre parcel located along Sound Avenue with access and egress to the main parcel via the eastern access right-of-way immediately east of the Hallockville Museum site. The proposed site entrance is located on the north side of Sound Avenue in the Town of Riverhead. The road is under Town jurisdiction.

Development on the 1.4 acre parcel will center on the 3,800 SF energy-efficient Visitors Center/Park Facilities building. Site development on this parcel will include porous pavement parking for 27 vehicles and two buses along with pedestrian walkways and plaza space. Support infrastructure for the facility will include an on-site sanitary disposal system, storm runoff infiltration measures and site utilities including water and electric services. Site amenities will include an information kiosk, pergola structure, benches, picnic tables, bicycle racks and vending services. Direct pedestrian access to the Hallockville Museum is proposed.

The Visitors Center building will be 74' x 54' and will include classroom/meeting space, interior and exterior accessed comfort stations, exterior accessed vending space and water fountains for public use; as well as office, storage and mechanical rooms and facilities for park management. The building will be designed to be energy efficient with solar panels, a geothermal system and additional energy efficiency features.

Access to the main park area will be via a 20' wide compacted gravel road extending approximately 2,800' north along the right of way. An 8' wide shared use path for separate pedestrian and bicycle access to the main parcel is proposed as a construction bid alternate. Pay stations may be installed at each parking lot to collect parking fees.

A secondary parking lot is proposed at the north end of the access road. This compacted gravel lot will provide parking for 20 vehicles and 4 horse trailers and will be designed with turnaround space for large buses so that they can access the main parcel.

The main loop trail will extend from the secondary parking to an existing trail that provides access to the Long Island Sound beachfront. The gravel loop trail was field sited along existing trails already established on the

site from past pedestrian and ATV use and through non-vegetated areas. The eastern side of the loop trail will be approximately 1,200' long, 12' wide; the longitudinal slope will be a maximum slope of 5%. This trail will allow park maintenance, service and emergency vehicles access to the main park and will meet ADA compliance requirements. The western trail will be approximately 1,200' long, 6' wide; this area of the park has some steeper slopes where the trail will be a maximum longitudinal slope of 8.33% for a limited segment. The loop trail will require regrading to meet the longitudinal slope requirements and the change in elevation from elevation 94 to elevation 39. The resulting disturbed side slopes and adjacent areas of exposed sand will be revegetated with native vegetation to reduce potential for erosion and inhibit use of unauthorized ATV vehicles at the site. The western trail is proposed as a construction bid alternate.

The sound avenue parcel will include the Visitors Center Building (3,800 SF), the asphalt driveway at Sound Avenue (3,200 SF) and the sidewalks at the Visitor Center (5,200 SF). The Visitors Center parking area will be 17,400 SF and will be porous asphalt pavement (0.2 AC). The access road, secondary parking and loop trail will all be constructed of compacted gravel totaling 108,000 SF (2.5 AC). Impervious coverage for the project totals 150,000 SF (3.4 AC).

Vegetation to be removed includes:

- 1 acres of grass and 0.4 acres of Norway maple and hedgerow of successional non-native locust and mix non-native shrubs at the 1.4 acre entrance parcel.
- 4.2 acres of degraded successional maritime forest that includes hedgerow of non-native trees, predominantly locust, and dense shrub understory including non-native and invasive species such as multiflora rose, Japanese knotweed, wineberry and Asiatic bittersweet; as well as some native and non-invasive briars, ragweed, Virginia creeper and poison ivy, extending from the access road to the secondary parking and along the western trail for about 300'. Disturbed areas along the access road, the secondary parking and the western trail will be revegetated with native species utilizing seed mixes and plants selected for the specific site conditions that are not treated with pesticides (at a minimum neonicotinoids to reduce harm to pollinators) and are locally sourced. These practices should also be in compliance with the OPRHP Native Plant Policy (NR – POL-004, Effective: 6/29/15).
- 0.9 acres of degraded maritime shrubland along the remainder of the loop trail where vegetation exists. The vegetation is similar to the species mentioned above for degraded maritime forest and will be revegetated as described above.

## Comparison of Master Plan/EIS to Project Proposal

Category	Master Plan	Conceptual Design Proposal	Considerations
Trails	<ul style="list-style-type: none"> <li>Series of Loop trails and a beach access spur</li> <li>Walking/hiking, interpretation</li> <li>Bike path paralleling the main access road</li> <li>Equestrian use on trail system certain times of year and by permit</li> <li>Trail system to be developed through further investigation</li> </ul>	<ul style="list-style-type: none"> <li>1 loop trail with spur to beach front access</li> <li>East trail, 1200 ft long 12 ft wide gravel surface for park maintenance and emergency access to beach, ADA compliant</li> <li>West trail 1200 ft long, 6 ft wide gravel surface completes loop, non ADA compliant due to slope</li> </ul>	<ul style="list-style-type: none"> <li>Pedestrian/trail user only access to beachfront.</li> <li>2400 linear feet of trail developed.</li> <li>Attempts to use existing old roads and social trails.</li> <li>Remainder of trail system will need to be built off of Secondary Parking area and Primary trail loop.</li> </ul>
Equestrian Use	<ul style="list-style-type: none"> <li>By permit during spring and fall seasons</li> <li>Allowed to ride on beach provided endangered species or communities are not being compromised</li> </ul>	<ul style="list-style-type: none"> <li>Provides parking for horse trailers</li> <li>Makes no provision for trail or beach access for Equestrians</li> </ul>	<ul style="list-style-type: none"> <li>Anticipate Equestrian Use (trailer parking)</li> <li>Informal use/access to the park will continue until remainder of trail system is developed.</li> </ul>
Beach Access	<ul style="list-style-type: none"> <li>No vehicles, managed as natural beach</li> <li>Canoe/kayak access/use to continue on LIS</li> <li>SCUBA diving by permit</li> <li>Shore fishing on LIS, with a permit for off hr parking</li> </ul>	<ul style="list-style-type: none"> <li>Trail provides pedestrian/trail user only access to beach</li> <li>No discussion on other uses.</li> </ul>	<ul style="list-style-type: none"> <li>Regional and Park Management will need to set up rules and regulations for beach access and use</li> <li>Patrols by park staff may be necessary to curb illegal uses</li> </ul>
Environmental Education and Interpretation	<ul style="list-style-type: none"> <li>Coordinated from Nature Center/ Park Office</li> <li>Some programming coordinated with Hallockville Museum Farm</li> <li>Both guided and self-guided tour/programs to be developed</li> </ul>	<ul style="list-style-type: none"> <li>Coordinated from Visitor Center/Park Office</li> <li>Coordinated with Hallockville Museum Farm</li> <li>Both guided and self-guided tour/programs to be developed</li> </ul>	<ul style="list-style-type: none"> <li>New location of Visitor Center/Nature Center/Park Office allows better collaboration with Hallockville Museum</li> </ul>
Archeological resources	<ul style="list-style-type: none"> <li>Ground disturbance will require SHPO consultation</li> </ul>	<ul style="list-style-type: none"> <li>Ground disturbance will require SHPO consultation</li> </ul>	<ul style="list-style-type: none"> <li>No known archeological resources</li> <li>SHPO Consultation</li> </ul>
Entrance, Exit and Vehicular Circulation	<ul style="list-style-type: none"> <li>One way entrance off Sound Ave to the North on east end of park following existing ROW turning west to parking lot southwest of Hallock Pond</li> <li>From parking lot, one way road to the west turning south along an existing ROW to exit park on to Sound Ave</li> <li>A bicycle path/lane will be provided parallel to the main access road</li> </ul>	<ul style="list-style-type: none"> <li>Entrance on north side of Sound Ave (east end of Park) extending 2400 feet (at 20 feet wide – two lane road) to the terminus at a secondary parking lot.</li> <li>Egress will be made along the same roadway</li> <li>Surface of driveway at VC/NC/PO will be paved</li> <li>Surface of road way compacted gravel</li> <li>Bike path/lane to parallel main access road terminating at secondary parking</li> </ul>	<ul style="list-style-type: none"> <li>Decreased road construction</li> <li>Further limits development in the interior of the park.</li> <li>Still allows for bicycle access/pedestrian access</li> </ul>

Hallock State Park Preserve Master Plan Amendment

Category	Master Plan	Conceptual Design Proposal	Considerations
Parking	<ul style="list-style-type: none"> <li>• 1-75 car parking area at NC/PO</li> <li>• Small 4-car accessible parking/drop off area interior to park near shoreline access with pervious paving</li> </ul>	<ul style="list-style-type: none"> <li>• Parking for 27 vehicles and 2 busses provided at VC/NC/PO porous paving</li> <li>• Secondary lot at terminus of main access road, compacted gravel surface with parking for 20 cars, 4 horse trailers and designated turnaround space for buses</li> </ul>	<ul style="list-style-type: none"> <li>• Overall decrease in parking in proposal</li> <li>• Reduced paving</li> <li>• Reduces impact to NHA buffer</li> <li>• Eliminates need for paved service road</li> </ul>
Nature Center/ Park Office	<ul style="list-style-type: none"> <li>• Once building for Nature Center Park Office</li> <li>• Located southwest of Hallock Pond</li> <li>• Classroom/lab space, office space, meeting space, restrooms, contact station (no foot print projected)</li> </ul>	<ul style="list-style-type: none"> <li>• 74 X 54 foot building with classroom/meeting space, interior and exterior accessed comfort facilities, office, storage and mechanical space, small facility for park management</li> <li>• Approx. 3,800 sq ft</li> <li>• Located on 1.4 acre parcel with frontage on Sound Ave adjacent to Hallockville Museum Farm facilities</li> </ul>	<ul style="list-style-type: none"> <li>• New location removes development from park interior,</li> <li>• Reduced construction foot print</li> <li>• Reduced distance to extend facilities to new structure</li> <li>• Multiple function building.</li> </ul>
Park Manager Residence	<ul style="list-style-type: none"> <li>• Located in vicinity of Nature Center/Maintenance area south west of Hallock Pond</li> <li>• No footprint projected</li> </ul>	<ul style="list-style-type: none"> <li>• Eliminated</li> </ul>	<ul style="list-style-type: none"> <li>• Management will be out of nearby Park facilities (Orient Beach)</li> <li>• Staffing of Park minimal (MOU with Hallockville, Seasonal Staff)</li> </ul>
Maintenance Facility	<ul style="list-style-type: none"> <li>• Located in vicinity of Nature Center/ Park Manager Residence area south west of Hallock Pond</li> <li>• 2 bay garage with storage areas</li> <li>• No footprint projected</li> </ul>	<ul style="list-style-type: none"> <li>• Eliminated</li> </ul>	<ul style="list-style-type: none"> <li>• Some storage for maintenance will be provided in the NC/VC/PO building. Most maintenance support and equipment storage at nearby park facilities (Orient Beach)</li> </ul>
Comfort Facilities	<ul style="list-style-type: none"> <li>• Provided at Nature Center/Park Office.</li> <li>• Composting toilets at beach access lot</li> </ul>	<ul style="list-style-type: none"> <li>• Interior and exterior accessed restrooms at NC/VC/PO.</li> </ul>	<ul style="list-style-type: none"> <li>• No septic systems to be developed in interior of park</li> </ul>
Utilities	<ul style="list-style-type: none"> <li>• Existing on Sound Avenue</li> <li>• Water, electric and communication service would have to be extended to the interior of the park at OPRHP expense</li> <li>• Septic system would be installed interior to park for NC/PO and PM Residence</li> </ul>	<ul style="list-style-type: none"> <li>• Existing on Sound Ave</li> <li>• Municipal water supply hookup shorter distance</li> <li>• Electric generation for NC/VC/PO from solar generation supplemented by electric service on Sound Ave</li> <li>• Communication service from Sound Ave extension is shorter distance</li> </ul>	<ul style="list-style-type: none"> <li>• Reduced cost in construction and extension of utilities.</li> <li>• Septic system only for NC/VC/PO building.</li> </ul>

## Environmental Impacts of Project and Proposed Mitigation

### Transportation, Access and Traffic

There will be a significant beneficial impact to public access of the park as a result of the implementation of the amendment as there are no existing official roads or trails.

The amendment changes transportation and access from the Master Plan in several ways. The amendment changes the proposed one-way road system to a single two-way road utilizing an existing disturbed right of way. This will decrease the amount of construction in the interior of the park. The Master Plan proposed using pervious surfacing but the new proposed road will consist of asphalt at the entrance, pervious paving through the Visitor Center parking lot and gravel up to the interior parking lot which is more cost effective and simpler to maintain.

In the Master Plan, a single 75-car parking lot southwest of Hallock’s Pond was proposed at the site of the Nature Center. The amendment proposes two smaller parking areas. At the proposed Visitor’s Center near the entrance, a porous asphalt parking area will provide spaces for 27 vehicles and two buses. The interior gravel parking area will have space for 20 vehicles, 4 horse trailers and turnaround area for large buses. There will also be a shared use gravel path traversing the park parallel to the gravel access road to the interior parking area.

New roads, trails and parking areas are generally in already degraded or disturbed areas. The interior parking area is located away from both ponds. The access road and parking areas drain to vegetated bio-retention swales and landscaping to mitigate stormwater runoff, flooding and erosion.

### Recreation and Park Development

There are few existing recreational opportunities and no park facilities at present. The amendment will have the positive impact of creating these resources. While there is less development of park facilities inside the park than was proposed in the Master Plan, its’ goals are still accomplished while moving management of the park to another location. The amendment will provide safe and secure access, provide day use facilities and build a facility with minimal impact on the environment.

The amendment will establish a Visitor’s Center and trails, provide general public access to areas of interest in the park and still protect sensitive resources. The proposed Visitor’s Center will provide classroom and meeting space, interior and exterior accessed comfort stations, park maintenance and management space. The interior parking area provides access to the trails and parking space for buses and horse trailers while avoiding direct impacts to Hallock’s Pond or new beach trail construction.

### Land

There will be some adverse impacts to land resources that will be avoided, minimized or mitigated. The projects in the amendment will result in the physical disturbance of 10.5 acres, particularly where there is new construction, vegetation removal and grading.

Below (Table 1) is a listing and comparison of the land area to be affected by implementation of the master plan and the amendment. In all, approximately 5.5 acres will be modified within the 225-acre park that will be converted to hard surfaces, structures or mowed and landscaped areas. After completion of all projects, only 2% of the park will be developed.

**Table 1 - Land Area Affected by Project Implementation**

APPROXIMATE ACREAGE	PRESENTLY	MASTER PLAN	AMENDMENT
Roads, buildings and other paved surfaces	0 acres	8.0 acres	3.9 acres
Forested	111.6 acres	107.6 acres	108.6 acres
Meadow or Brushland/shrubland (Non-agricultural)	67.4 acres	64.4 acres	69.9 acres
Agricultural (Includes orchards, cropland, pasture, etc.)	0 acres	0 acres	0 acres
Wetland (Freshwater or tidal as per Articles 24, 25 of ECL) <b>(CA delineation at Hallock’s and Lily Pond from topo map)</b>	1.9 acres	1.9 acres	1.9 acres
Water Surface Area (Hallock Pond & Lily Pond)	3.9 acres	3.9 acres	3.9 acres

Unvegetated (Rock, earth, or fill)	15.0 acres	13.0 acres	11.0 acres
Dunes	6.3 acres	6.3 acres	6.0 acres
Mowed	0.3 acres	1.3 acres	1.9 acres
Open Beach and Adjacent Vegetated Bluff	18.4 acres	18.4 acres	18.4 acres

Most of the park will continue to remain in its natural state, retaining open space. All proposed facilities avoid highly sensitive areas to a greater extent than in the Master Plan and are compatible with the Park Preserve designation. The Park Preserve designation protects natural resources like the dunes, wetlands and hoodoos by formalizing the types of development and activities the park can support. There will be no loss of wetlands or significant communities. The trails will be sited on open sandy areas that are slowly revegetating into dune habitat. This will result in the loss of 0.3 acres of dunes; however, this loss will be mitigated by restoration of the site by native vegetation. In addition, the formalizing of trails will discourage off-trail usage which is currently threatening the natural revegetation of the dune habitat.

Although the park contains areas of highly productive soil, none of the 8.4 acres of cropland will be disturbed and these have not been used for farming since the mid-20<sup>th</sup> Century. In addition, new park facilities will not place development pressure on the surrounding areas of agriculture.

While there may be negligible long term impacts of erosion caused by passive recreation on the trails, which will be addressed through routine maintenance, steep areas are generally avoided or graded to reduce the incline. Equestrian use in particular can be damaging in fragile habitats such as the dunes and the bluffs. This can be mitigated through permitting requirements and trail designation as the trail system is further developed. The short term impacts of construction are mitigated through the preparation of a site-specific Stormwater Pollution Prevention Plan (SWPPP). This will be in accordance with the SPDES General Permit for storm water discharges from construction activities. In addition, all structures were designed to reduce the risk of runoff and erosion with particular attention to sensitive park resources. Using more pervious materials such as porous asphalt and gravel will minimize runoff impacts through increased water infiltration in conjunction with site specific landscaping and vegetative swales.

## Water Resources

The water resources of the park have both aesthetic and natural resource value. These include groundwater, freshwater wetlands, and the Long Island Sound. Potential adverse impacts that are avoided or minimized are pollution including stormwater runoff, sedimentation, physical disturbance and loss of vegetation.

Hallock’s Pond and the surrounding wetland complex are protected as a Natural Heritage Area (NHA). Direct physical disturbance is avoided by locating the parking areas and Visitor’s Center outside of the Hallock’s Pond buffer area. Only 5,000 SF of the west trail will be within the NHA buffer, as opposed to 83,600 SF of asphalt in the Master Plan proposal. This is still outside of the state-regulated buffer area and no permit will be required. No new development is proposed near the beach and Long Island Sound.

Any activity in the park that disturbs soil or releases elements onto the ground can result in stormwater runoff or sedimentation. The proposed changes will also result in an increase in hard surfaces. The park is in an area designated as a Critical Environmental Area for groundwater protection and located on a sole source aquifer. The projects implemented with the amendment were designed so that ground disturbing activities will not drain into the surface water resources. The west trail is within the watershed of a significant wetland community, Hallock Pond, however the trail construction will utilize landscaping and minimize the area disturbed to mitigate the potential for erosion and loss of vegetation. Pervious paving, gravel and drainage infrastructure that diverts stormwater runoff to vegetated swales will further mitigate pollution and flooding impacts. Operations and maintenance procedures for spill prevention and response will also be implemented.

The Visitor’s Center will use existing public water supply and lines and is located further away from Hallock’s Pond than what was in the Master Plan. Therefore, there will be no subsurface water flow issues from the development associated with its construction. In addition, the proposed septic system will be located as far as possible from park resources.

## Wetlands

There will be no impact to wetlands. Adjacent areas to the wetland complex and ponds are protected through the buffer area and NHA designation. The western trail that encroaches on the NHA is minimized to balance protection of the resource with an improved site experience and the trail is pitched so it does not slope

towards Hallock's Pond. The development proposed in the Master Plan would have placed greater development closer to the freshwater wetlands in the main parcel.

## Biological Resources/Ecology

Overall, the amendment will have a beneficial impact on natural resources within the park. Development is reduced from the Master Plan proposal. Most impacts are associated with construction activities however these are minimal as selected areas area previously disturbed or have limited environmental sensitivity.

### ***Ecological Communities***

The Master Plan designated the area around Hallock's Pond as a Natural Heritage Area. The amendment continues to be compatible with this designation by retaining the natural character and condition of Hallock's Pond, the only significant ecological community within the park. Development has been relocated away from this resource. The trails are mostly located on existing trails and are designed to prevent any indirect impacts to the ponds. Most of the work will take place above the coastal erosion hazard area boundary line but none of the work will disturb natural protective features, such as the fragile bluffs.

### ***Plants***

The amendment to the Master Plan will have net beneficial impacts on the vegetation within the park. Rare plants have been documented in the park by the NY Natural Heritage Program but these are outside of the project area. There are numerous invasive species and degraded or non-vegetated habitats within the park. While the proposed implementation calls for loss of forest and other natural communities, the majority of the proposed development will be in these areas of low environmental sensitivity. The Visitor's Center will be located adjacent to the roadway in a currently disturbed area, minimizing impacts to native vegetation.

In addition, all areas disturbed by the action will be planted with native species following project completion. Plants and seed mixes that will be utilized for revegetation are selected for the specific site conditions, are not treated with pesticides (at a minimum neonicotinoids to reduce harm to pollinators) and are locally sourced. These practices should also be in compliance with the OPRHP Native Plant Policy (NR – POL-004, Effective: 6/29/15). This will lead to an increase in grassland in the park and ensure the protection and benefit of natural, ecological, and aesthetic resources.

### ***Animals***

There is a diversity of wildlife that inhabits the park, including rare and protected species. The increase in native plant species and the removal of invasive non-native ones will have a beneficial impact on the wildlife communities that depend upon them.

Although the amendment will result in an increase in development and disturbed area, it is less than that proposed by the Master Plan. Decreasing the amount of vehicle access creates opportunities for native species to re-establish and improve the quality of the undisturbed communities. Moving the Visitor's Center to the 1.4 acre roadside parcel and construction of an official road and trail system also discourages unauthorized trail use and lessens fragmentation of the large, intact natural landscape. Fragmentation can negatively impact some native wildlife and increase potential for invasive species dispersal. Protecting the open space and important habitat will have a significant long term benefit to wildlife.

### ***Rare Animals***

The proposed development connects to an existing trail to the beach which may be near piping plover nesting areas. Potential indirect impacts of disturbance caused by passive recreation may be mitigated using management actions such as closing the trail during nesting season if necessary or using symbolic fencing to protect nesting areas. Other strategies to protect endangered species as outlined in the Master Plan will also be followed.

### ***Invasive Species***

This project will result in the net reduction of invasive species in the park. Non-native species will be removed as part of construction and new invasions avoided. Equipment will be cleaned prior to arrival on site. Care will be taken during construction and planting to avoid inadvertent transportation of invasive plant material. Equestrian use can act as a vector for invasive plants however this will be limited to use by permit only during certain times of year. Other practices and measures to avoid the dispersal of invasive species as described in the Master Plan will also be followed.

## Cultural/Archeological Resources

The projects included in the amendment to the Master Plan are currently under review by OPRHP Division of Historic Preservation in accordance with Section 14.09 of Parks, Recreation and Historic Preservation Law. An archeological survey is currently being undertaken and any measures to avoid or mitigate impacts to archeological resources or recommendations for additional archeological surveys will be implemented. The design of the Visitor's Center is consistent with nearby historic resources and partnership with Hallockville Museum will allow for improved understanding of the history of the park.

## Scenic Resources

There will be no impact to the natural scenic resources of the park as the Visitor's Center will be placed away from the vistas of the wetlands, Long Island Sound, and maritime beaches and bluffs. The Visitor's Center will be in keeping with the character of the community and will be consistent with adjacent structures on the scenic corridor of Sound Avenue. The landscaping and restoration of disturbed areas called for after completion of construction will improve the scenic quality of the park.

## Air Quality

There will be minimal air quality impacts. The proposed projects will result in the addition of spaces for only 47 vehicles, 2 buses, and 4 horse trailers as opposed to the 75 parking spaces proposed in the Master Plan. This will increase long term vehicle emissions but will not have a significant impact on air quality in the park and surrounding area. During construction, a short term increase in vehicle exhaust and dust generation will result in additional minor impacts. Indirect air quality impacts associated with the Visitor's Center are avoided with the use of on-site solar panels and geothermal systems. Also, there will be no long term noise or odor impacts above ambient levels associated with this project.

## Solid Waste Management

Debris generated as a result of the implementation of this amendment will be disposed of properly within guidelines for construction debris disposal. All other solid waste will be disposed of using private carter and recyclables will be taken to the Town's facility.

## Public Health and Safety

As in the Master Plan, proposed structures will meet applicable health and safety codes. Designated parking spaces and ramps at the Visitor's Center and the width and slope of trails comply with the Americans with Disabilities Act. Locations for trail construction that are too steep will be graded to appropriate slopes.

Stepping off-trail in the park increases the risk of tick exposure due to high populations in eastern Suffolk County. The 12 foot wide east trail is wide enough to accommodate maintenance and emergency vehicles in addition to any park users who may be on the trail at the same time. LED lighting at the parking areas and Visitor's Center will ensure safety while having a cut-off for dark skies compliance. The paths and access road were carefully designed for vehicular and pedestrian safety. Traffic calming measures and speed limit signs will also help assure safety of visitors.

## Impact on Growth and Character of Community and Neighborhood

Improving public access to the park will have a beneficial impact on the community through greater recreational opportunities, access to significant natural resources and open space. The size of the parking areas will limit the number of users and maintain the quality of the park's resources and neighborhood character. There will be beneficial economic impacts to the surrounding communities in the form of increased business investment and tourism related expenditures.

## Use and Conservation of Energy

The implementation of the amendment will result in minimal short and long term energy use. The short term use of fuel will increase over the duration of construction and in the long term due to the addition of vehicular access and parking. Alternative transportation will be encouraged with the placement of bike racks adjacent to both the Visitor's Center and interior parking area. The Visitor's Center will be energy efficient and use solar panels and a geothermal system.

## Unavoidable Adverse Effects

There will be some minimal unavoidable adverse impacts associated with the implementation of the amendment. There will be the temporary adverse air and noise impacts as a result of construction activities. Noise will only be produced temporarily during the day for the duration of construction. The addition of 3.4 acres of impervious surfaces will increase short and long term stormwater runoff and erosion however these are mitigated with the use of porous asphalt in the Visitor's Center parking lot, bio-retention swales adjacent to the trails and alongside the access road and other landscaping features.

## Irreversible and Irretrievable Commitments of Resources

There will be the irretrievable commitment of public resources in the form of time, labor, and materials as a result of the development and implementation of the amendment, including construction. There will also be an increase of short and long term energy use for construction and operation of the Visitor's Center.

## Relationship to Other Programs

The amendment does not change the partnerships described in the Master Plan. It is also consistent with the Town of Riverhead Management Plan and the Long Island North Shore Heritage Area (LINSHA) Management Plan which calls for "preserving, protecting and enhancing the cultural, historical and natural resources of Long Island's North Shore." Natural and historical resources within the park will be preserved to an even greater extent than in the Master Plan and will continue to preserve and enhance recreational and educational opportunities.

The proposed actions in the amendment incorporate the agency's sustainability initiative and goals through the use of solar panels and geothermal systems. The amendment maintains the ecosystem approach of the Master Plan and continues to limit impacts to the environment while providing improvements to meet the needs of park users.

## Coastal Zone Management Program Consistency

This action occurs wholly within the Town of Riverhead and is not subject to the Town of Southold Local Waterfront Revitalization Program (LWRP). It is consistent with the Long Island Sound Coastal Management Plan (LIS CMP) and state coastal policies. The state coastal policies promote the beneficial use of coastal resources and prevent their impairment. The proposed projects will minimize development to a greater extent than in the Master Plan, provide and enhance existing public access, avoid impairment to exceptional scenic areas, minimize to the greatest extent possible the disturbance to dunes and other natural protective features and avoid disturbance to wetlands. Therefore, it is OPRHP's determination that the action will not substantially hinder the achievement of any of the policies and purposes of the LIS CMP and the LWRP.

## Summary of Environmental Review

OPRHP has determined that the projects proposed in the amendment constitute a Type I Action under SEQRA. This is because, regardless of the decrease in scope and impact from the preferred alternative, the amendment has the potential for significant environmental impacts because it involves the physical alteration of greater than 2.5 acres of parkland. While the Visitor's Center location was considered as an alternative in the 2010 Master Plan/EIS, the amendment represents a change from the preferred alternative and requires additional environmental review. Siting of a future satellite lot was specified as a project requiring additional review and the amendment's interior parking area is also in a different location than what was considered in the Master Plan.

Based on the above evaluation of environmental impacts and the preparation of a full EAF (attached), it was found that the amendment reduced environmental disturbance, avoided sensitive and significant resources, added benefits to operation and management and increased protection of resources. There are no significantly adverse environmental impacts associated with the implementation of the amendment and OPRHP has issued a Negative Declaration for this project.

Other actions not covered under the preferred alternative of the Master Plan or under this amendment may require additional environmental review. These activities are described further in Chapter 7 of the Master Plan.

**Full Environmental Assessment Form**  
**Part 1 - Project and Setting**

**Instructions for Completing Part 1**

**Part 1 is to be completed by the applicant or project sponsor.** Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification.

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.

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 to the initial question 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 or Project: Master Plan Amendment for Hallock State Park Preserve/Visitor's Center and Park Facilities		
Project Location (describe, and attach a general location map): Hallock State Park Preserve, Towns of Riverhead and Southold (Figure 1)		
Brief Description of Proposed Action (include purpose or need): In 2010 a Master Plan and Final EIS for Hallock State Park Preserve was prepared and adopted by OPRHP. The Agency made a decision to downscale the proposed development footprint and relocate the Visitor Center described in the Master Plan. Alternative locations from the Plan were reevaluated and a new preferred alternative location was chosen. The 1.4-acre parcel off Sound Avenue became viable with a smaller footprint for the 3,800SF Visitor's Center with porous asphalt parking for 27 vehicles and two buses in addition to pedestrian walkways and plaza space. This includes an on-site sanitary disposal system and utilities. Other amenities will include a kiosk, pergola, benches, tables, bike racks and vending. A 20' wide gravel road and 8' wide parallel shared-use path, both 2,800LF long, will provide access to the main park area. A gravel interior parking area will be located at the north end of the access road with space for 20 vehicles and 4 horse trailers in addition to turnaround space for buses. A main loop trail will extend from the interior parking area to an existing beach access trail. The eastern trail will be 12' wide and the west trail will be 6' wide; both will be approximately 1200' long. The trails will require grading to decrease slopes, with a maximum slope of 8.33% for a limited segment. In addition to construction and grading, vegetation removal will also take place as part of this project. Figure 2 is a concept plan of the proposed development.		
Name of Applicant/Sponsor: NYS Office of Parks Recreation and Historic Preservation Long Island Region	Telephone: 631-321-3402	E-Mail:
Address: NYSORPHP LI Regional Headquarters, 625 Belmont Avenue		
City/PO: Babylon	State: New York	Zip Code: 11704
Project Contact (if not same as sponsor; give name and title/role): Scott Fish, Regional Capital Facilities Manager	Telephone: 631-321-3533	E-Mail: Scott.Fish@parks.ny.gov
Address: Long Island State Parks Administration Headquarters, Belmont Ave		
City/PO: Babylon	State: New York	Zip Code: 11702
Property Owner (if not same as sponsor):	Telephone:	E-Mail:
Address:		
City/PO:	State:	Zip Code:

**B. Government Approvals**

<b>B. Government Approvals, Funding, or Sponsorship.</b> (“Funding” includes grants, loans, tax relief, and any other forms of financial assistance.)		
<b>Government Entity</b>	<b>If Yes: Identify Agency and Approval(s) Required</b>	<b>Application Date (Actual or projected)</b>
a. City Council, Town Board, <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No or Village Board of Trustees		
b. City, Town or Village Planning Board or Commission <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
c. City Council, Town or Village Zoning Board of Appeals <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
d. Other local agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Riverhead: Water District - water service & RPZ Highway Department - Road Opening Permit;	Water and RPZ - February 2015; Road Opening - prior to Construction start
e. County agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
f. Regional agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
g. State agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	NYSDEC Sanitary Permit	March 2015
h. Federal agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
i. Coastal Resources.		
i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
iii. Is the project site within a Coastal Erosion Hazard Area?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

**C. Planning and Zoning**

<b>C.1. Planning and zoning actions.</b>	
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?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<ul style="list-style-type: none"> <li>• <b>If Yes</b>, complete sections C, F and G.</li> <li>• <b>If No</b>, proceed to question C.2 and complete all remaining sections and questions in Part 1</li> </ul>	
<b>C.2. Adopted land use plans.</b>	
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?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
b. Is the site of the proposed action within any local or regional special planning district (for example: Greenway Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; or other?)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If Yes, identify the plan(s): NYS Heritage Areas:LI North Shore Heritage Area (Long Island North Shore Heritage Management Plan (Dec. 2006)); Long Island Sound Stewardship Comprehensive Conservation and Management Plan (1994); Long Island Sound Agreement (2003).	
_____	
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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If Yes, identify the plan(s):	
_____	
_____	
_____	

**C.3. Zoning**

a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance.  Yes  No  
If Yes, what is the zoning classification(s) including any applicable overlay district?  
RA80 - Residence A-80. However, land managed by OPRHP as a State Park is not subject to local zoning laws.

b. Is the use permitted or allowed by a special or conditional use permit? Not applicable  Yes  No

c. Is a zoning change requested as part of the proposed action? Not applicable  Yes  No  
If Yes,  
i. What is the proposed new zoning for the site? \_\_\_\_\_

**C.4. Existing community services.**

a. In what school district is the project site located? Riverhead and Mattituck-Cutchogue School Districts

b. What police or other public protection forces serve the project site?  
NY State Park Police, State Police, Suffolk County Sheriff, Riverhead Town Police, Southold Town Police

c. Which fire protection and emergency medical services serve the project site?  
Jamesport and Mattituck Fire Districts, Riverhead ambulance and Mattituck emergency medical services

d. What parks serve the project site?  
Project site will be a new New York State park in Riverhead.

**D. Project Details**

**D.1. Proposed and Potential Development**

a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed, include all components)? Hallock State Park Preserve - Passive Recreational Park & Educational Center

b. a. Total acreage of the site of the proposed action? \_\_\_\_\_ 225 acres  
b. Total acreage to be physically disturbed? \_\_\_\_\_ 10.5 acres  
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? \_\_\_\_\_ 225 acres

c. Is the proposed action an expansion of an existing project or use?  Yes  No  
i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % \_\_\_\_\_ Units: \_\_\_\_\_

d. Is the proposed action a subdivision, or does it include a subdivision?  Yes  No  
If Yes,  
i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types) \_\_\_\_\_  
ii. Is a cluster/conservation layout proposed?  Yes  No  
iii. Number of lots proposed? \_\_\_\_\_  
iv. Minimum and maximum proposed lot sizes? Minimum \_\_\_\_\_ Maximum \_\_\_\_\_

e. Will proposed action be constructed in multiple phases?  Yes  No  
i. If No, anticipated period of construction: \_\_\_\_\_ 12 months  
ii. If Yes:  
• Total number of phases anticipated \_\_\_\_\_  
• Anticipated commencement date of phase 1 (including demolition) \_\_\_\_\_ month \_\_\_\_\_ year  
• Anticipated completion date of final phase \_\_\_\_\_ month \_\_\_\_\_ year  
• Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

f. Does the project include new residential uses?  Yes  No  
 If Yes, show numbers of units proposed.

	<u>One Family</u>	<u>Two Family</u>	<u>Three Family</u>	<u>Multiple Family (four or more)</u>
Initial Phase	_____	_____	_____	_____
At completion	_____	_____	_____	_____
of all phases	_____	_____	_____	_____

g. Does the proposed action include new non-residential construction (including expansions)?  Yes  No  
 If Yes,

i. Total number of structures 1  
 ii. Dimensions (in feet) of largest proposed structure: 27 height; 74 width; and 54 length  
 iii. Approximate extent of building space to be heated or cooled: 3800 square feet

h. 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?  Yes  No  
 If Yes,

i. Purpose of the impoundment: \_\_\_\_\_  
 ii. If a water impoundment, the principal source of the water:  Ground water  Surface water streams  Other specify: \_\_\_\_\_  
 iii. If other than water, identify the type of impounded/contained liquids and their source. \_\_\_\_\_  
 iv. Approximate size of the proposed impoundment. Volume: \_\_\_\_\_ million gallons; surface area: \_\_\_\_\_ acres  
 v. Dimensions of the proposed dam or impounding structure: \_\_\_\_\_ height; \_\_\_\_\_ length  
 vi. Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete): \_\_\_\_\_

**D.2. Project Operations**

a. Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both?  Yes  No  
 (Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite)  
 If Yes:

i. What is the purpose of the excavation or dredging? unsuitable materials encountered during regrading for installation of trail network  
 ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?  
 • Volume (specify tons or cubic yards): 1000 CY  
 • Over what duration of time? 12 months  
 iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them.  
Soil, topsoil, sand and gravel excavated will be stockpiled on site and reused on site as fill or appropriate soil cover.  
Unsuitable materials will be removed and legally disposed of off-site.  
 iv. Will there be onsite dewatering or processing of excavated materials?  Yes  No  
 If yes, describe. \_\_\_\_\_  
 v. What is the total area to be dredged or excavated? \_\_\_\_\_ 1 acres  
 vi. What is the maximum area to be worked at any one time? \_\_\_\_\_ 1 acres  
 vii. What would be the maximum depth of excavation or dredging? \_\_\_\_\_ 8 feet  
 viii. Will the excavation require blasting?  Yes  No  
 ix. Summarize site reclamation goals and plan: \_\_\_\_\_  
Regrading will allow for development of ADA accessible trails within the new facility. The excavated areas will be re-vegetated with native plant and trails will be stabilized with compacted gravel covered.

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, waterbody, shoreline, beach or adjacent area?  Yes  No  
 If Yes:

i. Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description): \_\_\_\_\_

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

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

iii. Will proposed action cause or result in disturbance to bottom sediments?  Yes  No  
If Yes, describe: \_\_\_\_\_

iv. Will proposed action cause or result in the destruction or removal of aquatic vegetation?  Yes  No  
If Yes:

- acres of aquatic vegetation proposed to be removed: \_\_\_\_\_
- expected acreage of aquatic vegetation remaining after project completion: \_\_\_\_\_
- purpose of proposed removal (e.g. beach clearing, invasive species control, boat access): \_\_\_\_\_
- proposed method of plant removal: \_\_\_\_\_
- if chemical/herbicide treatment will be used, specify product(s): \_\_\_\_\_

v. Describe any proposed reclamation/mitigation following disturbance: \_\_\_\_\_  
\_\_\_\_\_

c. Will the proposed action use, or create a new demand for water?  Yes  No  
If Yes:

i. Total anticipated water usage/demand per day: \_\_\_\_\_ 960 gallons/day

ii. Will the proposed action obtain water from an existing public water supply?  Yes  No  
If Yes:

- Name of district or service area: Riverhead Water District
- Does the existing public water supply have capacity to serve the proposal?  Yes  No
- Is the project site in the existing district?  Yes  No
- Is expansion of the district needed?  Yes  No
- Do existing lines serve the project site?  Yes  No

iii. Will line extension within an existing district be necessary to supply the project?  Yes  No  
If Yes:

- Describe extensions or capacity expansions proposed to serve this project: \_\_\_\_\_
- Source(s) of supply for the district: \_\_\_\_\_

iv. Is a new water supply district or service area proposed to be formed to serve the project site?  Yes  No  
If Yes:

- Applicant/sponsor for new district: \_\_\_\_\_
- Date application submitted or anticipated: \_\_\_\_\_
- Proposed source(s) of supply for new district: \_\_\_\_\_

v. If a public water supply will not be used, describe plans to provide water supply for the project: \_\_\_\_\_  
N/A

vi. If water supply will be from wells (public or private), maximum pumping capacity: \_\_\_\_\_ gallons/minute.

d. Will the proposed action generate liquid wastes?  Yes  No  
If Yes:

i. Total anticipated liquid waste generation per day: \_\_\_\_\_ 960 gallons/day

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

Sanitary wastewater

iii. Will the proposed action use any existing public wastewater treatment facilities?  Yes  No  
If Yes:

- Name of wastewater treatment plant to be used: \_\_\_\_\_
- Name of district: \_\_\_\_\_
- 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?  Yes  No  
 If Yes:  
 • Describe extensions or capacity expansions proposed to serve this project: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

iv. Will a new wastewater (sewage) treatment district be formed to serve the project site?  Yes  No  
 If Yes:  
 • Applicant/sponsor for new district: \_\_\_\_\_  
 • Date application submitted or anticipated: \_\_\_\_\_  
 • What is the receiving water for the wastewater discharge? \_\_\_\_\_

v. 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):  
On-site septic tank and subsurface leaching pools.  
 \_\_\_\_\_  
 \_\_\_\_\_

vi. Describe any plans or designs to capture, recycle or reuse liquid waste: \_\_\_\_\_  
N/A  
 \_\_\_\_\_

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?  Yes  No  
 If Yes:  
 i. How much impervious surface will the project create in relation to total size of project parcel?  
 \_\_\_\_\_ Square feet or 3.4 acres (impervious surface)  
 \_\_\_\_\_ Square feet or 225 acres (parcel size)  
 ii. Describe types of new point sources. None.  
 \_\_\_\_\_  
 \_\_\_\_\_

iii. 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 stormwater management facility/ structures including leaching pools, pervious asphalt pavements, bioretention areas and swales.  
 \_\_\_\_\_  
 \_\_\_\_\_

• If to surface waters, identify receiving water bodies or wetlands: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

• Will stormwater runoff flow to adjacent properties?  Yes  No

iv. Does proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater?  Yes  No

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?  Yes  No  
 If Yes, identify:  
 i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)  
 \_\_\_\_\_  
 ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)  
 \_\_\_\_\_  
 iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation)  
 \_\_\_\_\_

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?  Yes  No  
 If Yes:  
 i. 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  No  
 ii. In addition to emissions as calculated in the application, the project will generate:  
 • \_\_\_\_\_ Tons/year (short tons) of Carbon Dioxide (CO<sub>2</sub>)  
 • \_\_\_\_\_ Tons/year (short tons) of Nitrous Oxide (N<sub>2</sub>O)  
 • \_\_\_\_\_ Tons/year (short tons) of Perfluorocarbons (PFCs)  
 • \_\_\_\_\_ Tons/year (short tons) of Sulfur Hexafluoride (SF<sub>6</sub>)  
 • \_\_\_\_\_ Tons/year (short tons) of Carbon Dioxide equivalent of Hydroflouorocarbons (HFCs)  
 • \_\_\_\_\_ Tons/year (short tons) of Hazardous Air Pollutants (HAPs)

h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)?  Yes  No

If Yes:

i. Estimate methane generation in tons/year (metric): \_\_\_\_\_

ii. Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring): \_\_\_\_\_

---

i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as quarry or landfill operations?  Yes  No

If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust): \_\_\_\_\_

---

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?  Yes  No

If Yes:

i. When is the peak traffic expected (Check all that apply):  Morning  Evening  Weekend  
 Randomly between hours of \_\_\_\_\_ to \_\_\_\_\_.

ii. For commercial activities only, projected number of semi-trailer truck trips/day: \_\_\_\_\_

iii. Parking spaces: Existing \_\_\_\_\_ Proposed \_\_\_\_\_ Net increase/decrease \_\_\_\_\_

iv. Does the proposed action include any shared use parking?  Yes  No

v. If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe: \_\_\_\_\_

---

vi. Are public/private transportation service(s) or facilities available within 1/2 mile of the proposed site?  Yes  No

vii. Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles?  Yes  No

viii. Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes?  Yes  No

---

k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy?  Yes  No

If Yes:

i. Estimate annual electricity demand during operation of the proposed action: \_\_\_\_\_  
Peak 40 kW demand: 120,000 kWh annually

ii. Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility, or other):  
local utility/ on-site solar

iii. Will the proposed action require a new, or an upgrade to, an existing substation?  Yes  No

---

l. Hours of operation. Answer all items which apply.

<p>i. During Construction:</p> <ul style="list-style-type: none"> <li>• Monday - Friday: _____ 7 am to 3 pm</li> <li>• Saturday: _____ -</li> <li>• Sunday: _____ -</li> <li>• Holidays: _____ -</li> </ul>	<p>ii. During Operations:</p> <ul style="list-style-type: none"> <li>• Monday - Friday: _____ 9 am to 4 pm (seasonally)</li> <li>• Saturday: _____ 9 am to 4 pm (seasonally)</li> <li>• Sunday: _____ 9 am to 4 pm (seasonally)</li> <li>• Holidays: _____ -</li> </ul>
---	---

m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both?  Yes  No  
 If yes:  
 i. Provide details including sources, time of day and duration:  
Construction equipment, Monday through Friday, 7 am to 3 pm during 12 month construction period only.

ii. Will proposed action remove existing natural barriers that could act as a noise barrier or screen?  Yes  No  
 Describe: \_\_\_\_\_

---

n.. Will the proposed action have outdoor lighting?  Yes  No  
 If yes:  
 i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:  
Parking lot fixtures with 25' poles and LED light fixtures with cut-off for dark sky compliance. 170 ft. max from building (2 fixtures); Building entrances (2) wall mounted LED light fixtures with with cut-off for dark sky compliance.

ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen?  Yes  No  
 Describe: \_\_\_\_\_

---

o. Does the proposed action have the potential to produce odors for more than one hour per day?  Yes  No  
 If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures: \_\_\_\_\_

---

p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage?  Yes  No  
 If Yes:  
 i. Product(s) to be stored \_\_\_\_\_  
 ii. Volume(s) \_\_\_\_\_ per unit time \_\_\_\_\_ (e.g., month, year)  
 iii. Generally describe proposed storage facilities: \_\_\_\_\_

---

q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation?  Yes  No  
 If Yes:  
 i. Describe proposed treatment(s):  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

ii. Will the proposed action use Integrated Pest Management Practices?  Yes  No

---

r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)?  Yes  No  
 If Yes:  
 i. Describe any solid waste(s) to be generated during construction or operation of the facility:  
 • Construction: \_\_\_\_\_ tons per \_\_\_\_\_ (unit of time)  
 • Operation : \_\_\_\_\_ tons per \_\_\_\_\_ (unit of time)

ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:  
 • Construction: \_\_\_\_\_  
 \_\_\_\_\_  
 • Operation: \_\_\_\_\_  
 \_\_\_\_\_

iii. Proposed disposal methods/facilities for solid waste generated on-site:  
 • Construction: \_\_\_\_\_  
 \_\_\_\_\_  
 • Operation: \_\_\_\_\_  
 \_\_\_\_\_

s. Does the proposed action include construction or modification of a solid waste management facility?  Yes  No  
 If Yes:  
 i. Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill, or other disposal activities): \_\_\_\_\_  
 ii. Anticipated rate of disposal/processing:  
 • \_\_\_\_\_ Tons/month, if transfer or other non-combustion/thermal treatment, or  
 • \_\_\_\_\_ Tons/hour, if combustion or thermal treatment  
 iii. If landfill, anticipated site life: \_\_\_\_\_ years

t. Will proposed action at the site involve the commercial generation, treatment, storage, or disposal of hazardous waste?  Yes  No  
 If Yes:  
 i. Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility: \_\_\_\_\_  
 \_\_\_\_\_  
 ii. Generally describe processes or activities involving hazardous wastes or constituents: \_\_\_\_\_  
 \_\_\_\_\_  
 iii. Specify amount to be handled or generated \_\_\_\_\_ tons/month  
 iv. Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents: \_\_\_\_\_  
 \_\_\_\_\_  
 v. Will any hazardous wastes be disposed at an existing offsite hazardous waste facility?  Yes  No  
 If Yes: provide name and location of facility: \_\_\_\_\_  
 \_\_\_\_\_  
 If No: describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility:  
 \_\_\_\_\_  
 \_\_\_\_\_

**E. Site and Setting of Proposed Action**

**E.1. Land uses on and surrounding the project site**

a. Existing land uses.  
 i. Check all uses that occur on, adjoining and near the project site.  
 Urban  Industrial  Commercial  Residential (suburban)  Rural (non-farm)  
 Forest  Agriculture  Aquatic  Other (specify): Hallockville Museum  
 ii. If mix of uses, generally describe:  
The site itself has some forested area and Hallock Pond. The site is adjacent to farm fields and the Hallockville Museum which highlights the history of agricultural life in this area along Sound Avenue. The site is located along the Long Island Sound. There are residences on some of the farmed parcels.

b. Land uses and coverytypes on the project site.

Land use or Coverytype	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces	0	3.9	+3.9
• Forested	111.6	108.6	-3.0
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)	67.4	69.9	+2.0
• Agricultural (includes active orchards, field, greenhouse etc.)	0	0	0
• Surface water features (lakes, ponds, streams, rivers, etc.)	3.9	3.9	0
• Wetlands (freshwater or tidal)	1.9	1.9	0
• Non-vegetated (bare rock, earth or fill)	15.0	11.0	-4.0
• Other Describe: <u>Dunes/ Mowed lawn and landscaping/ Open beach &amp; adjacent vegetated bluff</u>	6.3/ 0.3/ 18.4	6.0/1.9/ 18.4	-0.3/+1.6/ 0

c. Is the project site presently used by members of the community for public recreation?  Yes  No  
i. If Yes: explain: Yes, by unauthorized off-road vehicles; organized horseback riding; and for environmental educational programs

d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site?  Yes  No  
If Yes,  
i. Identify Facilities:  
\_\_\_\_\_

e. Does the project site contain an existing dam?  Yes  No  
If Yes:  
i. Dimensions of the dam and impoundment:  
• Dam height: \_\_\_\_\_ feet  
• Dam length: \_\_\_\_\_ feet  
• Surface area: \_\_\_\_\_ acres  
• Volume impounded: \_\_\_\_\_ gallons OR acre-feet  
ii. Dam's existing hazard classification: \_\_\_\_\_  
iii. Provide date and summarize results of last inspection:  
\_\_\_\_\_

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?  Yes  No  
If Yes:  
i. Has the facility been formally closed?  Yes  No  
• If yes, cite sources/documentation: \_\_\_\_\_  
ii. Describe the location of the project site relative to the boundaries of the solid waste management facility:  
\_\_\_\_\_  
iii. Describe any development constraints due to the prior solid waste activities: \_\_\_\_\_

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?  Yes  No  
If Yes:  
i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred:  
\_\_\_\_\_

h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any remedial actions been conducted at or adjacent to the proposed site?  Yes  No  
If Yes:  
i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply:  Yes  No  
 Yes – Spills Incidents database Provide DEC ID number(s): \_\_\_\_\_  
 Yes – Environmental Site Remediation database Provide DEC ID number(s): \_\_\_\_\_  
 Neither database  
ii. If site has been subject of RCRA corrective activities, describe control measures: \_\_\_\_\_  
iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database?  Yes  No  
If yes, provide DEC ID number(s): \_\_\_\_\_  
iv. If yes to (i), (ii) or (iii) above, describe current status of site(s): \_\_\_\_\_

v. Is the project site subject to an institutional control limiting property uses?  Yes  No

- If yes, DEC site ID number: \_\_\_\_\_
- Describe the type of institutional control (e.g., deed restriction or easement): \_\_\_\_\_
- Describe any use limitations: \_\_\_\_\_
- Describe any engineering controls: \_\_\_\_\_
- Will the project affect the institutional or engineering controls in place?  Yes  No
- Explain: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

---

**E.2. Natural Resources On or Near Project Site**

a. What is the average depth to bedrock on the project site? \_\_\_\_\_ 950 feet

b. Are there bedrock outcroppings on the project site?  Yes  No  
 If Yes, what proportion of the site is comprised of bedrock outcroppings? \_\_\_\_\_ %

c. Predominant soil type(s) present on project site:

Carver & Plymouth Sands	_____	18.5 %
Riverhead Sandy Loam	_____	20.0 %
Montauk Fine Sandy Loam	_____	15.0 %

d. What is the average depth to the water table on the project site? Average: \_\_\_\_\_ 90 feet

e. Drainage status of project site soils:  Well Drained: \_\_\_\_\_ 81.5 % of site  
 Moderately Well Drained: \_\_\_\_\_ 20.0 % of site  
 Poorly Drained \_\_\_\_\_ 2.2 % of site

f. Approximate proportion of proposed action site with slopes:  0-10%: \_\_\_\_\_ 63 % of site  
 10-15%: \_\_\_\_\_ 24 % of site  
 15% or greater: \_\_\_\_\_ 13 % of site

g. Are there any unique geologic features on the project site?  Yes  No  
 If Yes, describe: \_\_\_\_\_  
 \_\_\_\_\_

h. Surface water features.

i. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)?  Yes  No

ii. Do any wetlands or other waterbodies adjoin the project site?  Yes  No  
 If Yes to either *i* or *ii*, continue. If No, skip to E.2.i.

iii. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency?  Yes  No

iv. For each identified regulated wetland and waterbody on the project site, provide the following information:

- Streams: Name \_\_\_\_\_ Classification \_\_\_\_\_
- Lakes or Ponds: Name 924-3, 924-4, 924-1 Classification B, C, SA
- Wetlands: Name Federal Waters, Tidal Wetlands, Federal Waters,... Approximate Size NYS Wetland (in a...)
- Wetland No. (if regulated by DEC) MT-30, MT-31

v. Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired waterbodies?  Yes  No  
 If yes, name of impaired water body/bodies and basis for listing as impaired: \_\_\_\_\_  
 Name - Pollutants - Uses: Long Island Sound, Suffolk Co, Central – Pathogens – Recreation; Public Bathing

i. Is the project site in a designated Floodway?  Yes  No

j. Is the project site in the 100 year Floodplain?  Yes  No

k. Is the project site in the 500 year Floodplain?  Yes  No

l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer?  Yes  No  
 If Yes:  
 i. Name of aquifer: Sole Source Aquifer Names: Nassau-Suffolk SSA \_\_\_\_\_

m. Identify the predominant wildlife species that occupy or use the project site:		
<u>Deer</u>	<u>Shorebirds</u>	<u>Waterfowl</u>
<u>Turtles</u>	<u>Frogs</u>	<u>Salamanders</u>
<u>Freshwater Fish</u>	<u>Mice &amp; other rodents</u>	<u>Rabbits</u>
n. Does the project site contain a designated significant natural community? <span style="float:right"><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</span>		
If Yes:		
i. Describe the habitat/community (composition, function, and basis for designation): <u>Coastal Plain Pond</u>		
ii. Source(s) of description or evaluation: <u>New York State Natural Heritage Program</u>		
iii. Extent of community/habitat:		
• Currently:	<u>4.17</u>	acres
• Following completion of project as proposed:	<u>4.17</u>	acres
• Gain or loss (indicate + or -):	<u>0</u>	acres
o. 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? <span style="float:right"><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</span>		
<u>Saltmarsh loosestrife (Lythrum lineare) - State endangered; Farwell's water-milfoil (Myriophyllum farwelli) - State threatened; Piping plover (Charadrius melodus) nesting area - Federally threatened &amp; State endangered</u>		
p. Does the project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern? <span style="float:right"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span>		
q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? <span style="float:right"><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</span>		
If yes, give a brief description of how the proposed action may affect that use: <u>The site is currently used by hunters without permission and which is prohibited by State Parks; Fishing occurs on the LI Sound.</u>		
<b>E.3. Designated Public Resources On or Near Project Site</b>		
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? <span style="float:right"><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</span>		
If Yes, provide county plus district name/number: <u>SUFF001</u>		
b. Are agricultural lands consisting of highly productive soils present? <span style="float:right"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span>		
i. If Yes: acreage(s) on project site? <u>Soils are present, but area has not been used recently for agricultural purposes.</u>		
ii. Source(s) of soil rating(s): _____		
c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark? <span style="float:right"><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</span>		
If Yes:		
i. Nature of the natural landmark: <input type="checkbox"/> Biological Community <input type="checkbox"/> Geological Feature		
ii. Provide brief description of landmark, including values behind designation and approximate size/extent: _____		
_____		
_____		
d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? <span style="float:right"><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</span>		
If Yes:		
i. CEA name: <u>Central Suffolk Pine Barrens, SGPA</u>		
ii. Basis for designation: <u>Benefit to human health &amp; protect drinking water, Protect groundwater</u>		
iii. Designating agency and date: <u>Date:2-10-88, Date:3-19-93, Agency:Suffolk County, Agency:Long Island Regional Planning</u>		

e. Does the project site contain, or is it substantially contiguous to, a building, 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?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If Yes:	
<i>i.</i> Nature of historic/archaeological resource: <input type="checkbox"/> Archaeological Site <input type="checkbox"/> Historic Building or District	
<i>ii.</i> Name: _____	
<i>iii.</i> Brief description of attributes on which listing is based: _____	
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?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
g. Have additional archaeological or historic site(s) or resources been identified on the project site?	
If Yes:	
<i>i.</i> Describe possible resource(s): _____	
<i>ii.</i> Basis for identification: _____	
h. Is the project site within five miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
If Yes:	
<i>i.</i> Identify resource: Sound Avenue - Scenic Corridor	
<i>ii.</i> Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): Town of Riverhead Comprehensive Plan - Scenic Corridor	
<i>iii.</i> Distance between project and resource: _____ 0 miles.	
i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If Yes:	
<i>i.</i> Identify the name of the river and its designation: _____	
<i>ii.</i> Is the activity consistent with development restrictions contained in 6NYCRR Part 666?	
<input type="checkbox"/> Yes <input type="checkbox"/> No	

**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 Scott Fish Date 7/28/15

Signature  Title Regional Capital Facilities Manager



**Disclaimer:** The EAF Mapper is a screening tool intended to assist project sponsors and reviewing agencies in preparing an environmental assessment form (EAF). Not all questions asked in the EAF are answered by the EAF Mapper. Additional information on any EAF question can be obtained by consulting the EAF Workbooks. Although the EAF Mapper provides the most up-to-date digital data available to DEC, you may also need to contact local or other data sources in order to obtain data not provided by the Mapper. Digital data is not a substitute for agency determinations.



B.i.i [Coastal or Waterfront Area]	Yes
B.i.ii [Local Waterfront Revitalization Area]	Yes
C.2.b. [Special Planning District]	Yes - Digital mapping data are not available for all Special Planning Districts. Refer to EAF Workbook.
C.2.b. [Special Planning District - Name]	NYS Heritage Areas:LI North Shore Heritage Area
E.1.h [DEC Spills or Remediation Site - Potential Contamination History]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Listed]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Environmental Site Remediation Database]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.iii [Within 2,000' of DEC Remediation Site]	No
E.2.g [Unique Geologic Features]	No
E.2.h.i [Surface Water Features]	Yes
E.2.h.ii [Surface Water Features]	Yes
E.2.h.iii [Surface Water Features]	Yes - Digital mapping information on local and federal wetlands and waterbodies is known to be incomplete. Refer to EAF Workbook.
E.2.h.iv [Surface Water Features - Lake/Pond Name]	924-3, 924-4, 924-1
E.2.h.iv [Surface Water Features - Lake/Pond Classification]	B, C, SA
E.2.h.iv [Surface Water Features - Wetlands Name]	Federal Waters, Tidal Wetlands, NYS Wetland
E.2.h.iv [Surface Water Features - Wetlands Size]	NYS Wetland (in acres):1.0, NYS Wetland (in acres):5.9
E.2.h.iv [Surface Water Features - DEC Wetlands Number]	MT-30, MT-31

E.2.h.v [Impaired Water Bodies]	Yes
E.2.h.v [Impaired Water Bodies - Name and Basis for Listing]	Name - Pollutants - Uses:Long Island Sound, Suffolk Co, Central – Pathogens – Recreation;Public Bathing
E.2.i. [Floodway]	No
E.2.j. [100 Year Floodplain]	Yes
E.2.k. [500 Year Floodplain]	No
E.2.l. [Aquifers]	Yes
E.2.l. [Aquifer Names]	Sole Source Aquifer Names:Nassau-Suffolk SSA
E.2.n. [Natural Communities]	Yes
E.2.n.i [Natural Communities - Name]	Coastal Plain Pond
E.2.n.i [Natural Communities - Acres]	4.17
E.2.o. [Endangered or Threatened Species]	Yes
E.2.p. [Rare Plants or Animals]	No
E.3.a. [Agricultural District]	Yes
E.3.a. [Agricultural District]	SUFF001
E.3.c. [National Natural Landmark]	No
E.3.d [Critical Environmental Area]	Yes
E.3.d [Critical Environmental Area - Name]	Central Suffolk Pine Barrens, SGPA
E.3.d.ii [Critical Environmental Area - Reason]	Benefit to human health & protect drinking water, Protect groundwater
E.3.d.iii [Critical Environmental Area – Date and Agency]	Date:2-10-88, Date:3-19-93, Agency:Suffolk County, Agency:Long Island Regional Planning
E.3.e. [National Register of Historic Places]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.3.f. [Archeological Sites]	Yes
E.3.i. [Designated River Corridor]	No

**Full Environmental Assessment Form**  
**Part 2 - Identification of Potential Project Impacts**

<b>Agency Use Only [If applicable]</b>
Project : <span style="border: 1px solid black; padding: 2px;">Hallock Visitor's Center and Park Facilities</span>
Date : <span style="border: 1px solid black; display: inline-block; width: 150px; height: 20px; vertical-align: middle;"></span>

**Part 2 is to be completed by the lead agency.** Part 2 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.

If the lead agency is a state agency **and** the action is in any Coastal Area, complete the Coastal Assessment Form before proceeding with this assessment.

**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 question.
- 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.

<b>1. Impact on Land</b> 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 - j. If “No”, move on to Section 2.</i>				<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES
	Relevant Part I 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.	E2d	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
b. The proposed action may involve construction on slopes of 15% or greater.	E2f	<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.	E2a	<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 material.	D2a	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
e. The proposed action may involve construction that continues for more than one year or in multiple phases.	D1e	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
f. The proposed action may result in increased erosion, whether from physical disturbance or vegetation removal (including from treatment by herbicides).	D2e, D2q	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
g. The proposed action is, or may be, located within a Coastal Erosion hazard area.	B1i	<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)

NO

YES

*If "Yes", answer questions a - c. If "No", move on to Section 3.*

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Identify the specific land form(s) attached: _____ _____	E2g	<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: _____	E3c	<input type="checkbox"/>	<input type="checkbox"/>
c. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

**3. Impacts 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)

NO

YES

*If "Yes", answer questions a - l. If "No", move on to Section 4.*

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may create a new water body.	D2b, D1h	<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.	D2b	<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.	D2a	<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.	E2h	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may create turbidity in a waterbody, either from upland erosion, runoff or by disturbing bottom sediments.	D2a, D2h	<input type="checkbox"/>	<input type="checkbox"/>
f. The proposed action may include construction of one or more intake(s) for withdrawal of water from surface water.	D2c	<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).	D2d	<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.	D2e	<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.	E2h	<input type="checkbox"/>	<input type="checkbox"/>
j. The proposed action may involve the application of pesticides or herbicides in or around any water body.	D2q, E2h	<input type="checkbox"/>	<input type="checkbox"/>
k. The proposed action may require the construction of new, or expansion of existing, wastewater treatment facilities.	D1a, D2d	<input type="checkbox"/>	<input type="checkbox"/>

I. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>
----------------------------------	--	--------------------------	--------------------------

**4. Impact on groundwater**

The proposed action may result in new or additional use of ground water, or may have the potential to introduce contaminants to ground water or an aquifer.  NO  YES  
(See Part 1. D.2.a, D.2.c, D.2.d, D.2.p, D.2.q, D.2.t)  
*If "Yes", answer questions a - h. If "No", move on to Section 5.*

	Relevant Part I 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.	D2c	<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: _____	D2c	<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.	D1a, D2c	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may include or require wastewater discharged to groundwater.	D2d, E2l	<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.	D2c, E1f, E1g, E1h	<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.	D2p, E2l	<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.	E2h, D2q, E2l, D2c	<input checked="" type="checkbox"/>	<input type="checkbox"/>
h. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

**5. Impact on Flooding**

The proposed action may result in development on lands subject to flooding.  NO  YES  
(See Part 1. E.2)  
*If "Yes", answer questions a - g. If "No", move on to Section 6.*

	Relevant Part I 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.	E2i	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in development within a 100 year floodplain.	E2j	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may result in development within a 500 year floodplain.	E2k	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may result in, or require, modification of existing drainage patterns.	D2b, D2e	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may change flood water flows that contribute to flooding.	D2b, E2i, E2j, E2k	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. If there is a dam located on the site of the proposed action, is the dam in need of repair, or upgrade?	E1e	<input checked="" type="checkbox"/>	<input type="checkbox"/>

g. Other impacts: _____ _____		<input checked="" type="checkbox"/>	<input type="checkbox"/>
----------------------------------	--	-------------------------------------	--------------------------

6. Impacts 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) <i>If "Yes", answer questions a - f. If "No", move on to Section 7.</i>		<input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES
	Relevant Part I 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 (CO <sub>2</sub> ) ii. More than 3.5 tons/year of nitrous oxide (N <sub>2</sub> O) iii. More than 1000 tons/year of carbon equivalent of perfluorocarbons (PFCs) iv. More than .045 tons/year of sulfur hexafluoride (SF <sub>6</sub> ) v. More than 1000 tons/year of carbon dioxide equivalent of hydrochloroflourocarbons (HFCs) emissions vi. 43 tons/year or more of methane	D2g D2g D2g D2g D2g D2h	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <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 air pollutants.	D2g	<input type="checkbox"/>	<input type="checkbox"/>
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.	D2f, D2g	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may reach 50% of any of the thresholds in "a" through "c", above.	D2g	<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.	D2s	<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. (See Part 1. E.2. m.-q.) <i>If "Yes", answer questions a - j. If "No", move on to Section 8.</i>		<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES
	Relevant Part I 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.	E2o	<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.	E2o	<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.	E2p	<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.	E2p	<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.	E3c	<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: _____	E2n	<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.	E2m	<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: _____	E1b	<input checked="" type="checkbox"/>	<input type="checkbox"/>
i. Proposed action (commercial, industrial or recreational projects, only) involves use of herbicides or pesticides.	D2q	<input checked="" type="checkbox"/>	<input type="checkbox"/>
j. Other impacts: _____		<input checked="" type="checkbox"/>	<input type="checkbox"/>

<b>8. Impact on Agricultural Resources</b>			
The proposed action may impact agricultural resources. (See Part 1. E.3.a. and b.)		<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES
<i>If "Yes", answer questions a - h. If "No", move on to Section 9.</i>			
	<b>Relevant Part I Question(s)</b>	<b>No, or small impact may occur</b>	<b>Moderate to large impact may occur</b>
a. The proposed action may impact soil classified within soil group 1 through 4 of the NYS Land Classification System.	E2c, E3b	<input checked="" 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).	E1a, E1b	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may result in the excavation or compaction of the soil profile of active agricultural land.	E3b	<input checked="" 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.	E1b, E3a	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may disrupt or prevent installation of an agricultural land management system.	E1 a, E1b	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. The proposed action may result, directly or indirectly, in increased development potential or pressure on farmland.	C2c, C3, D2c, D2d	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. The proposed project is not consistent with the adopted municipal Farmland Protection Plan.	C2c	<input checked="" type="checkbox"/>	<input type="checkbox"/>
h. Other impacts: _____		<input checked="" type="checkbox"/>	<input type="checkbox"/>

<b>9. Impact on Aesthetic Resources</b> 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. (Part 1. E.1.a, E.1.b, E.3.h.) <i>If "Yes", answer questions a - g. If "No", go to Section 10.</i>			
		<input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES
	<b>Relevant Part I Question(s)</b>	<b>No, or small impact may occur</b>	<b>Moderate to large impact may occur</b>
a. Proposed action may be visible from any officially designated federal, state, or local scenic or aesthetic resource.	E3h	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in the obstruction, elimination or significant screening of one or more officially designated scenic views.	E3h, C2b	<input type="checkbox"/>	<input type="checkbox"/>
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	E3h	<input type="checkbox"/> <input 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	E3h E2q, E1c	<input 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.	E3h	<input type="checkbox"/>	<input type="checkbox"/>
f. There are similar projects visible within the following distance of the proposed project: 0-1/2 mile 1/2 -3 mile 3-5 mile 5+ mile	D1a, E1a, D1f, D1g	<input type="checkbox"/>	<input type="checkbox"/>
g. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

<b>10. Impact on Historic and Archeological Resources</b> The proposed action may occur in or adjacent to a historic or archaeological resource. (Part 1. E.3.e, f. and g.) <i>If "Yes", answer questions a - e. If "No", go to Section 11.</i>			
		<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES
	<b>Relevant Part I Question(s)</b>	<b>No, or small impact may occur</b>	<b>Moderate to large impact may occur</b>
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.	E3e	<input checked="" 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.	E3f	<input type="checkbox"/>	<input checked="" 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: _____	E3g	<input checked="" type="checkbox"/>	<input type="checkbox"/>

d. Other impacts: _____ _____		<input checked="" 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.	E3e, E3g, E3f	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ii. The proposed action may result in the alteration of the property’s setting or integrity.	E3e, E3f, E3g, E1a, E1b	<input checked="" 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.	E3e, E3f, E3g, E3h, C2, C3	<input checked="" type="checkbox"/>	<input type="checkbox"/>

<b>11. Impact on Open Space and Recreation</b>			
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.q.) <i>If “Yes”, answer questions a - e. If “No”, go to Section 12.</i>		<input checked="" type="checkbox"/> NO	<input type="checkbox"/> YES
	<b>Relevant Part I Question(s)</b>	<b>No, or small impact may occur</b>	<b>Moderate to large impact may occur</b>
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, wildlife habitat.	D2e, E1b E2h, E2m, E2o, E2n, E2p	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in the loss of a current or future recreational resource.	C2a, E1c, C2c, E2q	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may eliminate open space or recreational resource in an area with few such resources.	C2a, C2c E1c, E2q	<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.	C2c, E1c	<input type="checkbox"/>	<input type="checkbox"/>
e. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

<b>12. Impact on Critical Environmental Areas</b>			
The proposed action may be located within or adjacent to a critical environmental area (CEA). (See Part 1. E.3.d) <i>If “Yes”, answer questions a - c. If “No”, go to Section 13.</i>		<input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES
	<b>Relevant Part I Question(s)</b>	<b>No, or small impact may occur</b>	<b>Moderate to large impact may occur</b>
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.	E3d	<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.	E3d	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Other impacts: _____ _____		<input checked="" type="checkbox"/>	<input type="checkbox"/>

**13. Impact on Transportation**

The proposed action may result in a change to existing transportation systems.

NO

YES

(See Part 1. D.2.j)

*If "Yes", answer questions a - g. If "No", go to Section 14.*

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Projected traffic increase may exceed capacity of existing road network.	D2j	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may result in the construction of paved parking area for 500 or more vehicles.	D2j	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action will degrade existing transit access.	D2j	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action will degrade existing pedestrian or bicycle accommodations.	D2j	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may alter the present pattern of movement of people or goods.	D2j	<input 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.

NO

YES

(See Part 1. D.2.k)

*If "Yes", answer questions a - e. If "No", go to Section 15.*

	Relevant Part I 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.	D2k	<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.	D1f, D1q, D2k	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may utilize more than 2,500 MWhrs per year of electricity.	D2k	<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.	D1g	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. Other Impacts: _____ _____		<input checked="" 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.

NO

YES

(See Part 1. D.2.m., n., and o.)

*If "Yes", answer questions a - f. If "No", go to Section 16.*

	Relevant Part I 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.	D2m	<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.	D2m, E1d	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may result in routine odors for more than one hour per day.	D2o	<input checked="" type="checkbox"/>	<input type="checkbox"/>

d. The proposed action may result in light shining onto adjoining properties.	D2n	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may result in lighting creating sky-glow brighter than existing area conditions.	D2n, E1a	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. Other impacts: _____ _____		<input checked="" type="checkbox"/>	<input type="checkbox"/>

### 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. f. g. and h.)  
*If "Yes", answer questions a - m. If "No", go to Section 17.*

NO

YES

	Relevant Part I 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.	E1d	<input type="checkbox"/>	<input type="checkbox"/>
b. The site of the proposed action is currently undergoing remediation.	E1g, E1h	<input 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.	E1g, E1h	<input 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 or deed restriction).	E1g, E1h	<input 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.	E1g, E1h	<input 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.	D2t	<input type="checkbox"/>	<input type="checkbox"/>
g. The proposed action involves construction or modification of a solid waste management facility.	D2q, E1f	<input type="checkbox"/>	<input type="checkbox"/>
h. The proposed action may result in the unearthing of solid or hazardous waste.	D2q, E1f	<input type="checkbox"/>	<input type="checkbox"/>
i. The proposed action may result in an increase in the rate of disposal, or processing, of solid waste.	D2r, D2s	<input 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.	E1f, E1g E1h	<input 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.	E1f, E1g	<input type="checkbox"/>	<input type="checkbox"/>
l. The proposed action may result in the release of contaminated leachate from the project site.	D2s, E1f, D2r	<input type="checkbox"/>	<input type="checkbox"/>
m. Other impacts: _____ _____			

**17. Consistency with Community Plans**

The proposed action is not consistent with adopted land use plans.  
 (See Part 1. C.1, C.2. and C.3.)  
 If “Yes”, answer questions a - h. If “No”, go to Section 18.

NO

YES

	Relevant Part I 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).	C2, C3, D1a E1a, E1b	<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%.	C2	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action is inconsistent with local land use plans or zoning regulations.	C2, C2, C3	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action is inconsistent with any County plans, or other regional land use plans.	C2, C2	<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.	C3, D1c, D1d, D1f, D1d, E1b	<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.	C4, D2c, D2d D2j	<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)	C2a	<input type="checkbox"/>	<input type="checkbox"/>
h. Other: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

**18. Consistency with Community Character**

The proposed project is inconsistent with the existing community character.  
 (See Part 1. C.2, C.3, D.2, E.3)  
 If “Yes”, answer questions a - g. If “No”, proceed to Part 3.

NO

YES

	Relevant Part I 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.	E3e, E3f, E3g	<input type="checkbox"/>	<input type="checkbox"/>
b. The proposed action may create a demand for additional community services (e.g. schools, police and fire)	C4	<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.	C2, C3, D1f D1g, E1a	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may interfere with the use or enjoyment of officially recognized or designated public resources.	C2, E3	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action is inconsistent with the predominant architectural scale and character.	C2, C3	<input type="checkbox"/>	<input type="checkbox"/>
f. Proposed action is inconsistent with the character of the existing natural landscape.	C2, C3 E1a, E1b E2g, E2h	<input type="checkbox"/>	<input type="checkbox"/>
g. Other impacts: _____ _____		<input type="checkbox"/>	<input type="checkbox"/>

***Full Environmental Assessment Form***  
***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.

There were no significant negative impacts found in the Environmental Assessment Form. All of the construction and disturbance called for in the implementation of the amendment to the Master Plan limits the impacts to the park's resources to the greatest extent possible while providing the most recreational services to the public. Potential adverse impacts are associated with the removal of vegetation, conversion of land use, construction of building and facilities, grading of soil and increased park visitors. The natural resources of the park include open space, wetlands, sensitive habitats, rare and protected species and groundwater. Impacts are mostly avoided by siting the structures and improvements in areas where they will cause the least amount of impact and avoiding sensitive areas. Mitigation of the effects to stormwater runoff and erosion are included in the design and the addition of bio-retention swales. Energy efficient solar and geothermal technologies will also mitigate any impact of these projects. There will also be the beneficial impact of greater public access and recreational opportunities; which will in turn benefit the community. Finally, removal of invasive species and restoration of the project site with native plants will increase some quality habitat in the park.

The projects included in the amendment to the Master Plan are currently under review by OPRHP Division of Historic Preservation (DHP) in accordance with Section 14.09 of Parks, Recreation and Historic Preservation Law. An archaeological survey of the site recommended by DHP is ongoing and any measures to avoid or mitigate impacts to archeological resources will be implemented.

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

SEQR Status:  Type 1  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  
Environmental Impacts and Proposed Mitigation section of Amendment document

and considering both the magnitude and importance of each identified potential impact, it is the conclusion of the  
New York State Office of Parks, Recreation, and Historic Preservation 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.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.

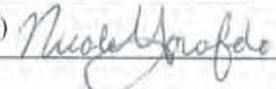
Name of Action: Visitor's Center and Park Facilities

Name of Lead Agency: NYS Office of Parks, Recreation, and Historic Preservation

Name of Responsible Officer in Lead Agency: Scott Fish

Title of Responsible Officer: Regional Capital Facilities Manager

Signature of Responsible Officer in Lead Agency:  Date: 7/28/15

Signature of Preparer (if different from Responsible Officer)  Date: 7/28/15

**For Further Information:**

Contact Person: Nicole Garofolo, Environmental Analyst Trainee

Address: NYSORPHP LI Regional Headquarters, 625 Belmont Avenue, Babylon, NY 11704

Telephone Number: 631-321-3548

E-mail: nicole.garofolo@parks.ny.gov

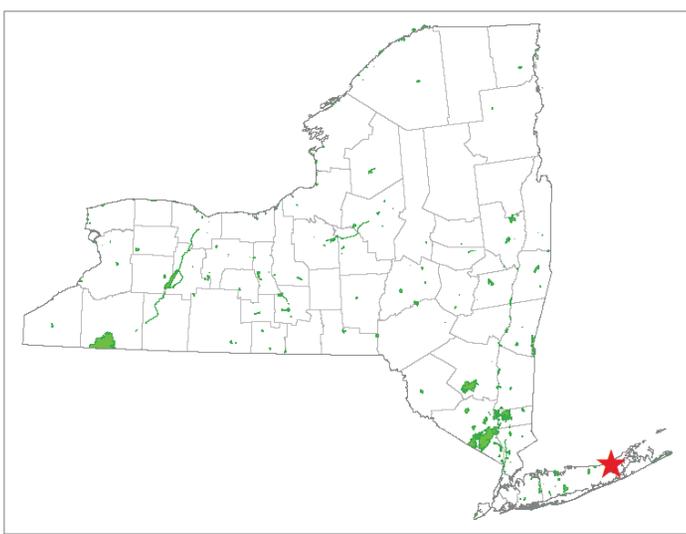
**For Type I Actions and Conditioned Negative Declarations, a copy of this Notice is sent to:**

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

Other involved agencies (if any)

Applicant (if any)

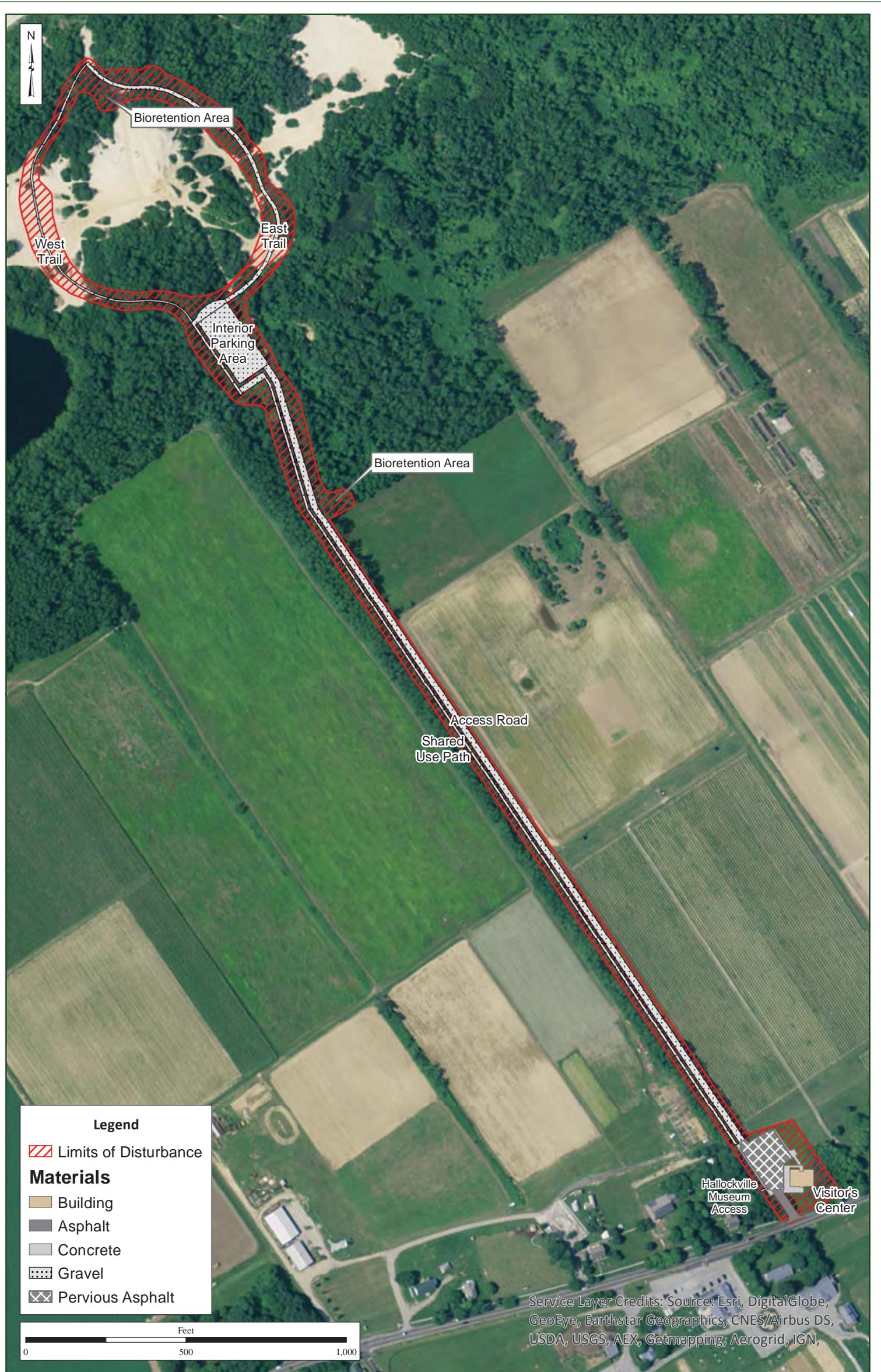
Environmental Notice Bulletin: <http://www.dec.ny.gov/enb/enb.html>



**Figure 1. General Location Map**  
 Hallock State Park Preserve Visitor's Center and Park Facilities

Map produced by NYS OPRHP GIS Bureau, July 24, 2015.





## Figure 2. Site Concept Plan

Visitor's Center and Park Facilities  
Hallock State Park Preserve

Map produced by NYS OPRHP GIS Bureau, July 27, 2015.



Parks, Recreation  
and Historic  
Preservation