



CROTON-ON-HUDSON LOCAL WATERFRONT REVITALIZATION PROGRAM UPDATE

VILLAGE OF CROTON-ON-HUDSON, NEW YORK

FULL ENVIRONMENTAL ASSESSMENT FORM

JULY 2015

Croton-on-Hudson Local Waterfront Revitalization Program Update

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ENVIRONMENTAL ASSESSMENT FORM

Lead Agency

Village of Croton-on-Hudson Board of Trustees
Stanley H. Kellerhouse Municipal Building
1 Van Wyck Street
Croton-on-Hudson, NY 10520
Contact: Leo A. W. Wiegman, Mayor
(914)-271-4848

Prepared by

BFJ Planning
115 Fifth Avenue
New York, NY 10003
Contact: Susan Favate, AICP, Principal
(212) 353-7458

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1.0 INTRODUCTION: LOCATION, DESCRIPTION AND PURPOSE OF PROPOSED ACTION

1.1 Introduction

Pursuant to the New York State Environmental Quality Review Act (SEQR), the proposed action discussed in this Full Environmental Assessment Form (EAF) is the adoption of an update to the 1992 Local Waterfront Revitalization Program (LWRP) of the Village of Croton-on-Hudson. In considering adoption of the LWRP Update, the Village of Croton-on-Hudson Board of Trustees (BOT) are proposing to modify certain existing policies to reflect changed conditions and priorities since the 1992 LWRP, and to propose specific projects to implement those policies.

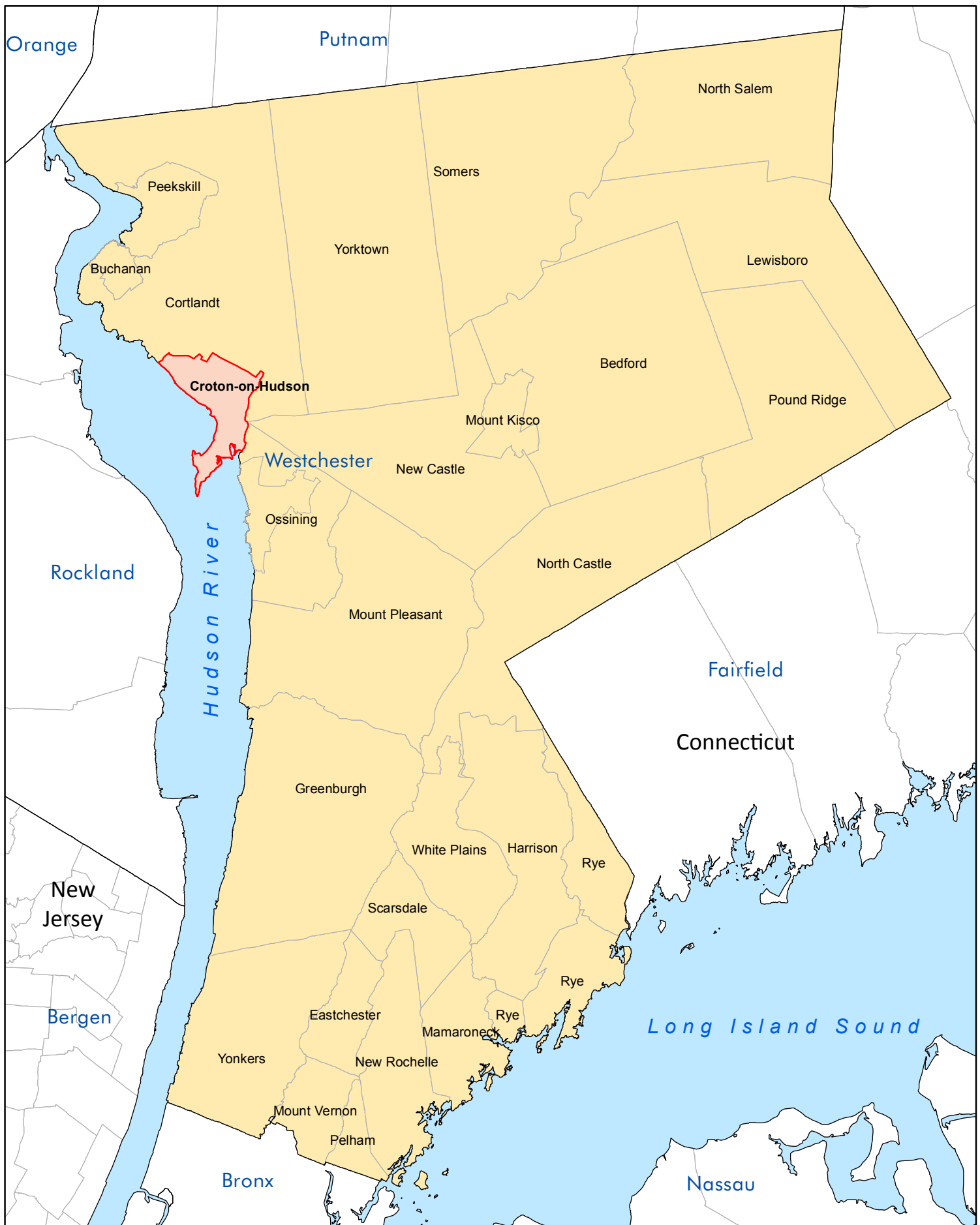
1.2 Project Location

Croton-on-Hudson is located on the eastern side of the Hudson River, in the northwest corner of Westchester County. Incorporated in 1898, the village lies within the Town of Cortlandt, which also includes the Village of Buchanan. Surrounding municipalities are the Town of Cortlandt to the north and east, the Town of New Castle to the east and the Town and Village of Ossining to the south (see Figure 1: Regional Location Map).

1.3 Project Description

As the New York State Department of State (NYS DOS) describes, a Local Waterfront Revitalization Program (LWRP) is “both a land and water use plan prepared by a community, as well as the strategy to implement the plan.” An approved LWRP reflects community consensus and provides a clear direction for appropriate future development. In addition, State permitting, funding and direct actions must be consistent, to the maximum extent practicable, with an approved LWRP. Within the Federally defined coastal area, Federal agency activities are also required to be consistent with an approved LWRP.

The Croton-on-Hudson’s original LWRP was adopted in 1992. A key focus of the original LWRP was to create significant public recreational resources along the Hudson and Croton Rivers and Croton Bay. All of the open space resources recommended in the LWRP were created, including the Croton River Gorge Trail, Croton Landing Park and Echo Canoe Launch. Other recommended projects in the original LWRP were also completed, including stormwater management improvements and a 2003 update of the Village’s 1977 Master Plan.



The Village's Coastal Zone boundaries are the same as the municipal boundaries, because the LWRP "considers the entire Village of Croton to have a direct and significant relationship with both the Croton and Hudson Rivers...the topography of the Village is such that inland areas contain primary viewsheds of the Rivers and waterfront and provide an important visual identify of the Village with the River."

Because all of the Village lies within the Coastal Zone, the statewide and local land-use policies set forth in the LWRP apply to the entire Village. Any Type 1 or Unlisted action under the State Environmental Quality Review Act (SEQRA) is required to be reviewed by the lead agency for consistency with these policies and with the projects contained within the LWRP. The lead agency's determination of consistency is made with the benefit of an advisory recommendation of consistency from the Village's Waterfront Advisory Committee (WAC).

The Board of Trustees (BOT), through the adoption of the proposed action, seeks to update the 1992 LWRP as needed to reflect the fact that most goals of the existing LWRP have been met, that changes in the regulatory environment should be addressed and that an update of community policies and projects is needed.

Updated LWRP Inventory and Analysis

The proposed LWRP Update includes a complete update of Section II of the document, the inventory and analysis. This section describes existing conditions for a range of topics, including:

- Land use and zoning
- Land features
- Water resources
- Natural resources and habitats
- Scenic resources and important vistas
- Infrastructure

Proposed LWRP Policies

The LWRP Advisory Committee tasked with guiding the development of the LWRP Update conducted a thorough review of the policies contained in the original LWRP. Changes to local policies were proposed to reflect current conditions and priorities, as well as streamline and clarify the intent of the policies. The proposed LWRP policies are as follows:

DEVELOPMENT POLICIES

Policy 1: Restore, revitalize, and redevelop deteriorated and underutilized waterfront areas for commercial, industrial, cultural, recreational and other compatible uses.

Policy 1A: Existing planning and zoning documents should be periodically reviewed and amended, where necessary, to ensure development within the community is consistent with adopted goals and policies.

Policy 1B: Redevelop and revitalize Village-owned land at the Metro-North train station, including the Village garage and bay area. Encourage integrated development of Village property to assure fulfillment of requirements relating to parking and accessory uses of Metro-North train station, while facilitating public access to the bay area and recreational use.

Policy 1C: Every effort should be made by the Village to encourage the governmental agencies involved in the maintenance of the Croton Landfill and Metro-North properties to continue to monitor and maintain these sites.

Policy 1D: Encourage restoration of deteriorating structures related to railroad use and assure appropriate maintenance and screening to reduce visual impact.

Policy 1E: Encourage the appropriate re-use of the old sewage treatment plant site at the intersection of Route 9A and Municipal Place.

Policy 2: Facilitate the siting of water dependent uses and facilities on or adjacent to coastal waters.

Policy 2A: Expand restrictions on the use of power boats on the Hudson River and Croton River and Bay by further enforcing the parameters that regulate boat traffic such as speed, turbidity, safety, and mooring and sludge disposal. Such controls will further increase the compatibility of power boat use with other forms of recreation use within the Coastal Zone Area.

Policy 2B: Encourage water-enhanced commercial uses where such uses complement water-dependent uses and do not result in displacement of such uses.

Policy 3: Encourage the development of the State's existing major ports of Albany, Buffalo, New York, Ogdensburg and Oswego as centers of commerce and industry, and encourage the siting, in these port areas, including those under the jurisdiction of State public authorities, of land use and development which is essential to or in support of waterborne transportation of cargo and people. ***(This State policy is not applicable to Croton.)***

Policy 4: Strengthen the base of smaller harbor areas by encouraging the development and enhancement of those traditional uses and activities which have provided such areas with their unique maritime activity. ***(This State policy is not applicable to Croton.)***

Policy 5: Encourage the location of development in areas where public services and facilities essential to such development are adequate, except when such development has special functional requirements or other characteristics which necessitate its location in other coastal areas.

Policy 5A: When feasible, development within the Village should be directed within the current service area of existing water and sewer facilities or in close proximity to areas where distribution lines currently exist.

Policy 6: Expedite permit procedures in order to facilitate the siting of development activities at suitable locations.

Policy 6A: To expedite permit procedures, the Village shall coordinate all relevant local laws as information for applicants and/or make all local laws available to applicants proposing development activities.

FISH AND WILDLIFE POLICIES

Policy 7: Significant coastal fish and wildlife habitats will be protected, preserved, and, where practical, restored so as to maintain their viability as habitats.

Policy 7A: The quality of the Croton River and Bay significant fish and wildlife habitat and Haverstraw Bay significant fish and wildlife habitat shall be protected and improved for conservation, economic, aesthetic, recreational, and other public uses and values. Its resources shall be protected from the threat of pollution, misuse, and mismanagement.

Policy 7B: Materials that can degrade water quality and degrade or destroy the ecological system of the Croton River and Bay significant fish and wildlife habitat and the Haverstraw Bay significant fish and wildlife habitat shall not be disposed of or allowed to drain in, or on land within, the area of influence in the significant fish and wildlife habitats.

Policy 7C: Storage of materials that can degrade water quality and degrade or destroy the ecological system of the Croton River and Bay significant fish and wildlife habitat or Haverstraw Bay significant fish and wildlife habitat shall not be permitted within the area of influence of the habitat unless best available technology is used to prevent adverse impacts to the habitat.

Policy 7D: Restoration of degraded ecological elements of the Croton River and Bay and Haverstraw Bay significant fish and wildlife habitats and shorelands shall be included in any programs for cleanup of any adjacent toxic and hazardous waste sites.

Policy 7E: Runoff from public and private parking lots and from storm sewer overflows shall be effectively channeled so as to prevent oil, grease, and other contaminants from polluting surface and ground water and impact to the significant fish and wildlife habitats.

Policy 7F: Construction activity of any kind must not cause a measurable increase in erosion or flooding at the site of such activity, or impact other locations. Construction activity in the Croton River and Hudson River spawning areas shall be timed so that spawning of anadromous fish species and shellfish will not be adversely affected.

Policy 7G: Such activities must not cause significant degradation of water quality or impact identified significant fish and wildlife habitats.

Policy 7H: Habitat-related policies identified in the Indian Brook-Croton Gorge Watershed Conservation Action Plan should be considered in actions proposed for these areas.

Policy 8: Protect fish and wildlife resources in the coastal area from the introduction of hazardous wastes and other pollutants which bio-accumulate in the food chain or which cause significant sub-lethal or lethal effect on those resources.

Policy 9: Expand recreational use of fish and wildlife resources in coastal areas by increasing access to existing resources, supplementing existing stocks, and developing new resources. Such efforts shall be made in a manner which ensures the protection of renewable fish and wildlife resources and considers other activities dependent on them.

Policy 9A: Ensure continued recreational use and public access to the rivers through Village-owned land adjacent to the railroad parking lot, at Croton Point Park, at Senasqua and Croton Landing Parks, along the Croton River, and at the Croton yacht club. Efforts should be made to increase opportunities for public access and enjoyment in these areas.

Policy 9B: Encourage passive recreational enjoyment of the wildlife in the designated significant fish and wildlife habitats, on the Audubon Society sanctuaries, Jane Lytle Arboretum, and on other public or private lands within the Village where wildlife habitats are located, as well as the protection of such resources.

Policy 10: Further develop commercial finfish, shellfish and crustacean resources in the coastal area by (1) encouraging the construction of new or improvement of existing on-shore commercial fishing facilities, (2) increasing marketing of the State's seafood products, and (3) maintaining adequate stocks and expanding aquaculture facilities. Such efforts shall be made in a manner which ensures the protection of renewable fish and wildlife resources and considers other activities dependent on them. ***(This State policy is not applicable to Croton.)***

FLOODING AND EROSION POLICIES

Policy 11: Buildings and other structures will be sited in the coastal area so as to minimize damage to property and the endangering of human lives caused by flooding and erosion.

Policy 11A: Erosion and sediment control measures shall be consistent with applicable Village laws.

Policy 12: Activities or development in the coastal area will be undertaken so as to minimize damage to natural resources and property from flooding and erosion by protecting natural protective features including beaches, dunes, barrier islands and bluffs. Primary dunes will be protected from all encroachments that could impair their natural protective capacity.

Policy 12A: Every effort should be made to protect Croton Point, a natural protective barrier to Croton bay from activities or development that would increase erosion of or flooding of the point.

Policy 13: The construction or reconstruction of erosion protection structures shall be undertaken only if they have a reasonable probability of controlling erosion for at least 30 years

as demonstrated in design and construction standards and/or assured maintenance or replacement programs.

Policy 13A: Any bulkheads along the Hudson must be maintained in good condition and public and private landowners should be required to restore and maintain erosion control mechanisms along their river frontage which are designed for long-term stability.

Policy 14: Activities and development, including the construction or reconstruction of erosion protection structures, shall be undertaken so that there will be no measurable increase in erosion or flooding at the site of such activities or development, or at other locations.

Policy 15: Mining, excavation or dredging in coastal waters shall not significantly interfere with the natural coastal processes which supply beach materials to land adjacent to such waters and shall be undertaken in a manner which will not cause an increase in erosion of such land.

Policy 16: Public funds shall only be used for erosion protective structures where necessary to protect human life, and new development which requires a location within or adjacent to an erosion hazard area to be able to function, or existing development; and only where the public benefits outweigh the long term monetary and other costs including the potential for increasing erosion and adverse effects on natural protective features.

Policy 16A: Public funds shall be appropriated for the maintenance of public parks, trails, walkways and public access points.

Policy 17: Whenever possible, use non-structural measures to minimize damage to natural resources and property from flooding and erosion. Such measures shall include: (i) the setback of buildings and structures; (ii) the planting of vegetation and the installation of sand fencing and draining; (iii) the reshaping of bluffs; and (iv) the flood-proofing of buildings or their elevation above the base flood level.

Policy 17A: Efforts to control erosion along the rivers and on the steep slopes inland shall be of a non-structural nature, wherever possible, to minimize the visual impact of structural measures.

GENERAL POLICY

Policy 18: To safeguard the vital economic, social and environmental interests of the State and of its citizens, proposed major actions in the coastal area must give full consideration to those interests, and to the safeguards which the State has established to protect valuable coastal resource areas.

PUBLIC ACCESS POLICIES

Policy 19: Protect, maintain, and increase the level and types of access to public water-related recreation resources and facilities so that these resources and facilities may be fully utilized in

accordance with reasonably anticipated public recreation needs and the protection of historic and natural resources. In providing such access, priority will be given to public beaches, boating facilities, fishing areas and waterfront parks.

Policy 19A: Encourage the linkage of open space from upland areas to and along the Hudson and Croton Rivers in the form of a trail or walkway system.

Policy 19B: Increase public access to areas that offer physical and visual connection to the Hudson River or Croton River and Bay.

Policy 19C: Encourage the improvement of public transportation, when feasible, where water-dependent and water-enhanced recreation activities are located.

Policy 19D: Improve and maintain access to Croton River and Bay at the Village-owned Echo Canoe Launch south of the Village parking lots at the Croton-Harmon Station.

Policy 20: Access to the publicly-owned foreshore and to lands immediately adjacent to the foreshore or the water's edge that are publicly-owned shall be provided and it should be provided in a manner compatible with adjoining uses. Such lands shall be retained in public ownership.

Policy 20A: Maintain access to the publicly owned foreshore for fishing and watercraft launch opportunities.

Policy 21: Water dependent and water enhanced recreation will be encouraged and facilitated, and will be given priority over non-water related uses along the coast, provided it is consistent with the preservation and enhancement of other coastal resources and takes into account demand for such facilities. In facilitating such activities, priority shall be given to areas where access to the recreation opportunities of the coast can be provided by new or existing public transportation services and to those areas where the use of the shore is severely restricted by existing development.

Policy 21A: Boating and fishing activities should be encouraged provided that they do not restrict other recreational opportunities and are undertaken in a manner compatible with existing water-dependent uses.

Policy 21: Development when located adjacent to the shore will provide for water-related recreation, as a multiple use, whenever such recreational use is appropriate in light of reasonably anticipated demand for such activities and the primary purpose of the development.

HISTORIC AND SCENIC QUALITY POLICIES

Policy 23: Protect, enhance and restore structures, districts, areas or sites that are of significance in the history, architecture, archaeology or culture of the State, its communities, or the nation.

Policy 23A: Provide for the long-term maintenance of Village-owned memorials: the 9/11 Remembrance Memorial, the World War I Veterans Memorial and Veterans Corner.

Policy 24: Prevent impairment of scenic resources of statewide significance as identified on the coastal area map. Impairment shall include: (i) the irreversible modification of geologic forms, the destruction or removal of vegetation, the destruction, or removal of structures, whenever the geologic forms, vegetation or structures are significant to the scenic quality of an identified resource; and (ii) the addition of structures which because of siting or scale will reduce identified views or which because of scale, form, or materials will diminish the scenic quality of an identified resource. ***(This State policy is not applicable to Croton.)***

Policy 25: Protect, restore or enhance natural and man-made resources which are not identified as being of statewide significance, but which contribute to the overall scenic quality of the coastal area.

Policy 25A: Establish and protect identified public viewsheds of the Hudson River, including but not limited to the public views of the Hudson River from the western shoreline of the Village, and of the Croton River and Gorge.

Policy 26: Conserve and protect agricultural lands in the State's coastal areas. ***(This State policy is not applicable to Croton.)***

ENERGY AND ICE MANAGEMENT POLICIES

Policy 27: Decisions on the siting and construction of major energy facilities in the coastal area will be based on public energy needs, compatibility of such facilities with the environment, and the facility's need for a shorefront location.

Policy 28: Ice management practices shall not damage significant fish and wildlife and their habitats, increase shoreline erosion or flooding, or interfere with the production of hydroelectric power.

Policy 29: Encourage the development of energy resources on the Outer Continental Shelf, in Lake Erie and in other water bodies, and ensure the environmental safety of such activities. ***(This State policy is not applicable to Croton.)***

WATER AND AIR RESOURCES POLICIES

Policy 30: Municipal, industrial, and commercial discharge of pollutants, including but not limited to, toxic and hazardous substances, into coastal waters will conform to State and national water quality standards.

Policy 30A: Existing rail services and transportation-related facilities shall not dispose of any regulated materials in coastal waters until all such regulated materials have been tested by the State for conformance with water quality standards.

Policy 30B: Storage and disposal of all regulated materials shall be monitored by the State to assure there will be no discharge or leaching of such materials into coastal waters.

Policy 31: State coastal area policies and purposes of approved local waterfront revitalization programs will be considered while reviewing coastal water classifications and while modifying water quality standards; however, those waters already over-burdened with contaminants will be recognized as being a development constraint.

Policy 31A: Clean water is desired and NYSDEC should continually monitor water quality in the Hudson River and Croton bay which have already been overburdened with pollutants. Recommendations for mitigation and upgrading water quality classifications cannot be determined without continual monitoring and testing of the waters.

Policy 32: Encourage the use of alternative or innovative sanitary waste systems in small communities where the costs of conventional facilities are unreasonably high, given the size of the existing tax base of these communities.

Policy 33: Best management practices will be used to ensure the control of stormwater runoff and combined sewer overflows draining into coastal waters.

Policy 33A: Improve existing Village stormwater discharge to control flow of pollutants from street and parking areas, etc. directly into the rivers and water bodies.

Policy 34: Discharge of waste into coastal waters from vessels will be limited so as to protect significant fish and wildlife habitats, recreational areas and water supply areas.

Policy 34A: There shall be no discharge from moored structures or marine vessels.

Policy 35: Dredging and dredge spoil disposal in coastal waters will be undertaken in a manner that meets existing State dredging permit requirements, and protects significant fish and wildlife habitats, scenic resources, natural protective features, important agricultural lands, and wetlands.

Policy 36: Activities related to the shipment and storage of petroleum and other hazardous materials will be conducted in a manner that will prevent or at least minimize spills into coastal waters; all practicable efforts will be undertaken to expedite the cleanup of such discharges; and restitution for damages will be required when these spills occur.

Policy 37: Best management practices will be utilized to minimize the non-point discharge of excess nutrients, organics and eroded soils into coastal waters.

Policy 37A: Control of the development of hilltops, and steep slopes should be exerted in order to prevent erosion and minimize runoff and flooding from new construction.

Policy 38: The quality and quantity of surface water and ground water supplies, will be conserved and protected, particularly where such waters constitute the primary or sole source of water supply.

Policy 38A: Require the New York City Department of Environmental Protection to maintain the minimum conservation flow from the New Croton Dam at all times, in order to maintain and protect an adequate Village drinking water supply.

Policy 39: The transport, storage, treatment and disposal of solid wastes, particularly hazardous wastes, within coastal areas will be conducted in such a manner so as to protect groundwater and surface water supplies, significant fish and wildlife habitats, recreation areas, important agricultural lands and scenic resources.

Policy 39A: Require, upon Village request, rail transporters, producers, storers and disposers of hazardous material to inform the Village or allow Village access to records involving the transport, storage, treatment and disposal of hazardous materials.

Policy 40: Effluent discharged from major steam electric generating and industrial facilities into coastal waters will not be unduly injurious to fish and wildlife and shall conform to State water quality standards.

Policy 41: Land use or development in the coastal area will not cause national or State air quality standards to be violated.

Policy 42: Coastal management policies will be considered if the State reclassifies land areas pursuant to the prevention of significant deterioration regulations of the federal clean air act.

Policy 43: Land use or development in the coastal area must not cause the generation of significant amounts of the acid rain precursors: nitrates and sulfates.

Policy 43A: Encourage energy efficiency measures in municipal facilities and in both new and existing development.

WETLAND POLICY

Policy 44: Preserve and protect tidal and freshwater wetlands and preserve the benefits derived from these areas.

Policy 44A: Wetlands, water bodies and watercourses shall be protected by preventing damage from erosion or siltation, minimizing disturbance, preserving natural habitats and protecting against flood and pollution.

Proposed LWRP Projects

Based on the LWRP policies as amended above, discussions with the LWRP Advisory Committee, site visits and input from the public, the LWRP Update proposes a set of site-specific and programmatic projects to be undertaken in order to implement the LWRP. The projects are organized by the Village's LWRP Planning Areas (see Figure 2 for a map of these areas) as follows:

Croton River Basin Projects

1. Ensure Maintenance of New Croton Dam Conservation Flow

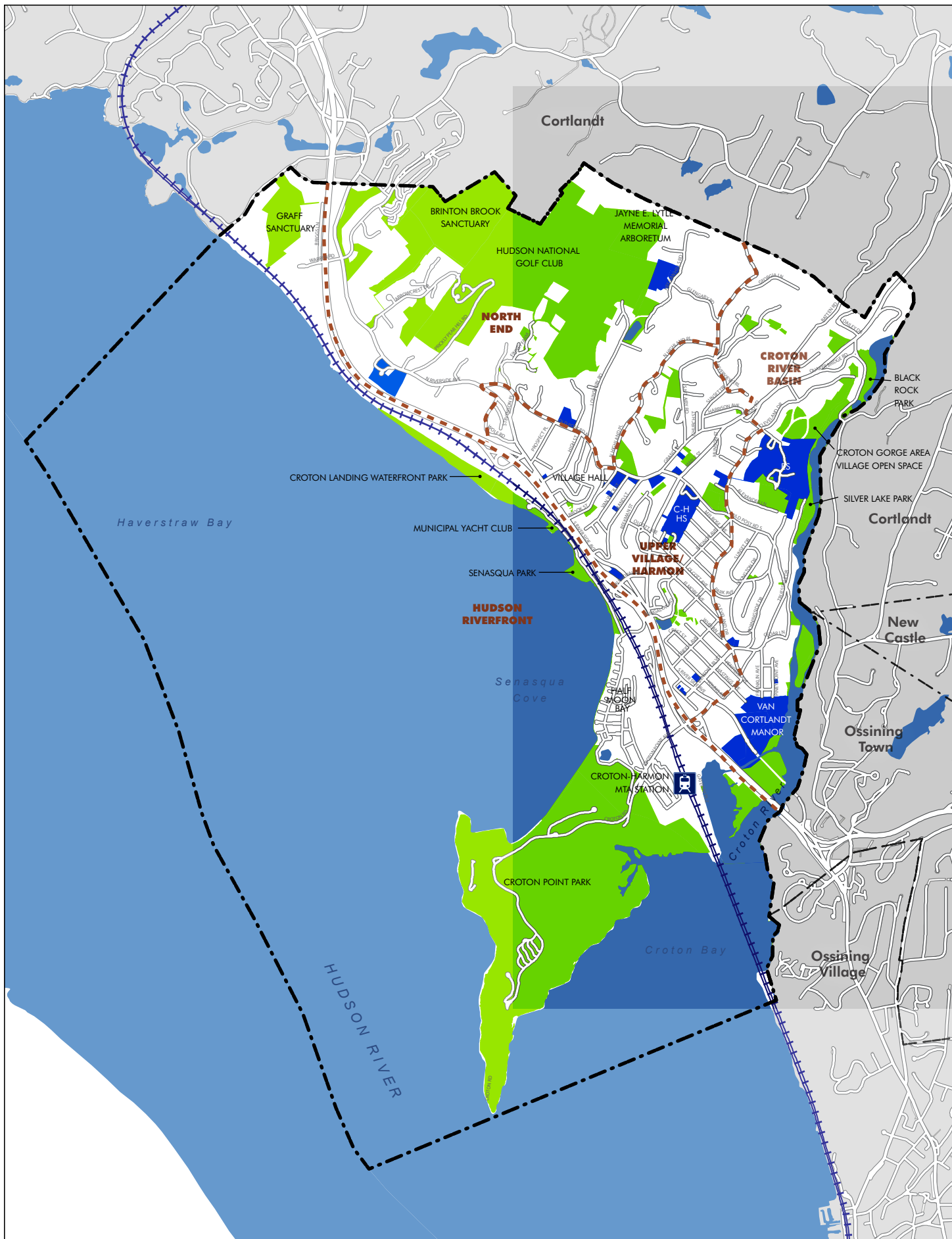
The health of the three-mile section of the Croton River within the Village is highly influenced by hydrology and reduced summer flows resulting from the New York City water supply system. The Croton River's flows below the New Croton Reservoir are carefully managed by New York City's Department of Environmental Protection (NYC DEP), as part of its extensive water supply network. NYC DEP is required to maintain certain baseflow conditions in the River as part of its New York State Department of Environmental Conservation (NYS DEC) water withdrawal permit.

A study of mandated base flows is needed to ensure the City's water supply needs do not harm the Croton River watershed downstream from the New Croton Dam. This would require additional investigation into the current demand on the Croton River water supply needs and the ecological implications inter-basin exports of water have on downstream ecological health. A possible outcome is the optimization of the current flow management to better support ecological processes downstream, while maintaining water supply needs.

In addition, the Village should work with NYC DEP to improve inter-agency communication about the conservation flow. This is especially important during drought conditions. The emergency reduction in flow is a discretionary action by DEP. The Village requests that DEP consider the impacts to the Village's drinking water supply, as well as to the ecological functions of the Croton River, before reducing the conservation flow to the River. Additionally, the Village requests to be notified beforehand of any reduction during a drought emergency.

2. Address Drainage Systems that Lead to Erosion On Steep Slopes

This project seeks to promote activities to control soil erosion and sedimentation caused by stormwater runoff. These issues are most significant along the steep banks of the Croton River Gorge, where trees and other protective vegetation have been diminished due to development and human use combined with invasive species and wildlife. Significant erosion also results from unstable stormwater outfalls that discharge untreated water directly onto the steep slopes. The high rate of erosion from these outfalls, combined with the loss of vegetation, has created structural instability on the slopes and increased sedimentation of the River. This sedimentation has been detrimental to stream quality and wildlife in the Croton River, a NYS DOS-designated Significant Coastal Fish and Wildlife Habitat and a major source of drinking water for the Village.



As part of this project, the Village will seek to address areas where existing drainage systems are known to contribute to erosion on steep slopes in the Croton Gorge area, such as near stormwater outfall pipes and at Mayo's Landing behind Tompkins Elementary School.

Funding should be sought by the Village to pre-treat the stormwater prior to discharging it into the streams and waterbodies. Additionally, the Village can identify opportunities to improve vegetation and drainage swales in areas adjacent to roads. Municipal highway staff should be trained in proper methods of repair of the drainage areas.

Retaining tree cover and vegetation would benefit wildlife and reduce stormwater runoff throughout the watershed. The Village should develop a planting plan with appropriate native vegetation. The Village should also consider adopting a program to incentivize private property owners to plant appropriate vegetation along steep slopes to stabilize the land and prevent further erosion.

3. Facilitate Upgrades to Catch Basins and Outfalls to Address Floatables in Croton Bay

The intent of this project is to control stormwater runoff discharges and other pollutants from entering Croton Bay. The Croton River and Bay is a NYS DOS-designated Significant Coastal Fish and Wildlife Habitat, and the area has one of the largest shallow bay areas in the lower Hudson that is sheltered from strong currents and wind. The mouth of the Croton River is documented as a migratory fish hub used as a resting, foraging and nursery area. Portions of the River are stocked each year by the NYS DEC with trout.

The Village can take a number of steps to reduce stormwater runoff and the amount of pollutants entering the aquatic ecosystem. First, catch basins can be improved, and the frequency of catch basin cleaning can be increased. A routine catch basin cleaning program should be developed and implemented by the Village. Street sweeping should also be conducted on a regular basis within parking lot areas of concern to reduce the risks to water quality.

The Village should consider implementing green infrastructure within the municipally owned commuter parking lot at the train station, to capture runoff onsite and reduce sewer overflows. In the case of the parking facility, there are a number of opportunities to reduce runoff with landscaping and swales, and in many cases, this can be done without the loss of parking. Landscaping can also help to catch wind-swept debris from entering the bay. Utilizing porous asphalt will also reduce stormwater runoff volume and rate and the discharge of pollutants.

In addition, the Village should seek funding to restore the wetlands, particularly the tidal wetlands located along the Route 9/9A corridor, which would result help to improve water quality and wildlife habitat. The Village should use existing data as available to identify and evaluate degraded wetlands and to assist in on-going monitoring.

4. Relocate Village DPW facility

The DPW operates a municipal garage and salt storage shed at the southern end of the Croton-Harmon Parking Lot. There is also an uncovered storage area for rocks and other construction materials which can leach directly into Croton Bay from the facility. The site is also at high risk to flooding, as it is located within the 100-year floodplain.

There are many opportunities for the Village to clean up the facility and improve screening to reduce the degree of leaching. As a more permanent measure, the Village should relocate the facility to a more appropriate location. The Public Works Department is considering suitable locations for the relocation of the facility.

5. Improve Echo Canoe Launch and Village-Owned Land South of Metro-North Parking Areas

This small area off Croton Bay is used for small boat access (such as canoes, rowboats, dinghies and kayaks) and passive recreation including fishing. The development of this boat launch was a project featured in the Village's 1992 LWRP, and most of the improvements identified have been undertaken by the Village. The Echo Canoe Launch now has a parking area with signage, seating and a storage area for small watercraft. Kayak rentals and lessons are available at the site on a seasonal basis.

This project supports the continued improvement of this recreational area to enhance public access to the Croton River and Bay and the Hudson River. Improvements would include maintenance and improvement as necessary of the boat ramp; exploring additional parking opportunities for the ramp; and enhancing walkways, benches, signage and wayfinding measures. The existing small boat storage facility is well utilized, and the Village should expand it to accommodate more boats. Additional native plantings along the water's edge would also help to protect and restore the surrounding estuarine ecosystem.

Hudson Riverfront Projects

6. Facilitate Access to the Hudson River Waterfront

Although there have been some recent improvements such as the Brook Street pedestrian bridge, in general, access to the waterfront is limited, and unsafe in some locations. Vehicular access to Senasqua Park and Croton Landing Park is constrained to one road (Eliott Way) and parking facilities are heavily utilized, especially during summer weekends.

Since space for parking is limited directly along the waterfront, the Village should pursue options for additional parking in areas that have pedestrian links to the waterfront, such as along Riverside Avenue, Municipal Place and Brook Street near the pedestrian bridge. Another opportunity to expand parking along the waterfront exists at Croton Landing Park and the

adjacent CSX facility next to the railroad, by a potential 30-40 spaces. This expansion would occur over a drainage easement for the CSX septic field area. The Village should coordinate with CSX to connect the property to the Village sewer system to free up the easement area for parking use. There is also additional CSX property adjacent to the railroad that does not appear to be heavily utilized. The Village should reach out to CSX to investigate the potential to lease or purchase some of the property for additional parking, if needed.

Pedestrian access is available in some areas, but the safety of such access should be improved. Enhanced pedestrian paths could be provided at Echo Canoe Launch and at Black Rock, where the linkage to a Croton River Gorge Trail would mean the development of a footpath or sidewalk.

The Village should improve pedestrian infrastructure between Senasqua Park and Croton Landing Park. While most of the Village's Hudson River waterfront area is part of the Westchester County RiverWalk trail system and easily accessible to pedestrians, a small but critical stretch of road along Elliott Way between Senasqua Park and Croton Landing Park is difficult for pedestrians to traverse. This 775-foot segment of road is constrained by the Metro-North right-of-way and the Hudson River, and there is no sidewalk or shoulder. P

This segment of Elliott Way is also directly adjacent to a portion of the waterfront that has experienced erosion. The Village is evaluating a proposal to improve pedestrian accommodations and shoreline stabilization measures at the right-of-way. The project would require the widening of Elliott Way at two at-grade sections and an elevated section (340 feet). The widening would include other road, drainage and water main extension improvements.

7. Improve Riprap along Hudson River between Senasqua Park and Croton Yacht Club

This Village has identified a segment of waterfront land adjacent to Elliott Way between Senasqua Park and the Croton Yacht Club that is unprotected by bulkheads or riprap and has experienced significant erosion. The erosion is a risk to the Elliott Way right-of-way, and the Village is developing plans to stabilize the shoreline in conjunction with pedestrian improvements at this location.

8. Facilitate Croton Yacht Club/Croton Landing improvements

The concept of a waterfront restaurant, or another use at the southern end of Croton Landing Park, adjacent to the Croton Yacht Club, has been discussed by the Village for years. As part of a 2001 feasibility study of alternative uses for the property including the Croton Yacht Club (CYC) and Croton Landing Park, survey respondents noted that a passive recreation area was desired; however a restaurant was a preferred use if any commercial development were to occur within Croton Landing Park. In 2011, the Village conducted a study to evaluate alternative development options for the CYC, which is located on Village-owned property. The study identified revenue-producing uses to help the site remain financially sustainable, and determined that the most

viable location for a restaurant would be at the southern end of Croton Landing Park, in the same area proposed in the 2001 study.

The 2011 study identified significant constraints to development on the CYC site, including its location in a 100-year FEMA floodplain. Parking is also an issue, as there is already insufficient on-site parking at Croton Landing Park to satisfy demand during busy hours. Development of a restaurant at the site would likely need to include opportunities to increase parking in the area. Potential development at the CYC site should be assessed through a public engagement process.

9. Implement segment of RiverWalk Trail from Croton Landing Park to Oscawana County Park

According to the Hudson River Trailway Plan (2003), Westchester County has proposed a 1-mile trail along the Hudson River that would connect Croton Landing Park with Oscawana County Park in Cortlandt. This trail would fill a gap between the RiverWalk trails at these two parks. The trail's proposed route follows a strip of land situated along the Metro-North railroad right-of-way between the tracks and the Hudson. This path could utilize a dirt road alignment that is currently used by railroad maintenance workers and informally by fishermen.

This portion of the RiverWalk would require an agreement with Metro-North for use of the right-of-way. Additional site issues include the design of safety features and fencing to separate trail users from the railroad tracks, as well as special design treatment for narrow areas between tracks and water.

Village-wide Projects

10. Undertake management and capital improvement plan for Village parks, trails and open spaces

Since the last LWRP was adopted, the Village has made substantial improvements and investments at Silver Lake Park, Black Rock Park, the Croton Gorge Walking Trail, Senasqua Park, Echo Canoe Boat Launch and Croton Landing Park. The Village has recently acquired the Gouveia Property at 1300 Albany Post Road and is considering options for public amenities at that site (see below). Given these improvements, the Village recognizes the need for a plan to protect, maintain and enhance its facilities to ensure they remain in good condition for the long-term.

This project supports the creation of a Maintenance and Capital Improvement Plan to address ongoing care and protection of existing parks, open spaces and trails. The goal would be to provide an action plan for regular maintenance and targeted capital improvements when needed. The maintenance program would evaluate annual labor, supply and equipment needs, and develop effective and efficient ways to keep park landscapes and facilities maintained and working properly.

The plan could also include an outreach component to solicit a public evaluation of park and trail maintenance. This could be done with an online survey or with comment/suggestion boxes placed in the parks. Public outreach could also be utilized to encourage community volunteer resources to assist in park beautification projects, e.g., rain gardens, restoration projects; invasive species control; and installation of signage, new playground structures, etc.

11. Develop plan for future use of Gouveia Park

The purpose of this project is to create a conceptual plan that will examine how to best utilize the Gouveia property, a 15.63-acre site recently acquired by the Village. This well-maintained property, located at 1300 Albany Post Road, was donated to the Village by the Gouveia family on the condition that the future use of the property be limited for park, recreation and educational (PRE) type uses. The donation by the Gouveia family also included a \$1 million gift to the Village to be used for the care and upkeep of the park.

The Village is considering installing a trail on the property's southerly section, which would connect to an existing path from Brinton Brook Sanctuary and the Jane Lytle Arboretum that comes down Arrowcrest Road and ends directly across the street from the Gouveia property. The trail would provide a destination for walkers that culminates in forested views of the Hudson River to the west. This improvement would require a minor investment by the Village and may be one of the few near-term uses at the site until the best long-term use is determined.

The northern portion of the property, with its gently sloping lawn, mature trees and views of the Hudson River, has the most potential to be utilized as a park space. The naturally sloped lawn is well suited for informal seating for artistic or cultural performance events. However, at this point, the Village has not made any plans for use of the outdoor area for outdoor events or long-term programming. The Village could collaborate with local arts or cultural organizations, or experiment with a few event types and formats to find what might work best for the outdoor area in the long run.

The Village has also not made any plans for re-use of the indoor space in the single-family home. Some uses contemplated include:

- A site for the Village's archives,
- A Village community center,
- Office and meeting space for a nonprofit partner organization with an arts/culture/parks education mission, or
- Rentable space for conferences or special events complete with kitchen and bathroom facilities.

While all of these uses may be viable, the Village should conduct an outreach campaign to find out how residents feel the site should be utilized. The Village should also conduct an analysis to ensure that the site remains financially sustainable.

Impacts of LWRP Update Adoption

The focus of the LWRP Update is primarily on enhancing and improving the public recreation and water-access facilities in Croton, as well as addressing environmentally sensitive areas. The proposed changes to the LWRP policies strengthen and improve the Village's protection of natural and man-made resources such as fish and wildlife habitats; air and water quality; historic and scenic resources; and sensitive areas such as steep slopes, wetlands and floodplains. All of these changes are anticipated to have a positive impact on the environment.

There are no changes proposed to zoning or any other regulations in the LWRP Update; therefore, no major changes to land uses are anticipated to result from its implementation. The only land use change recommended is a relocation of the Village's Department of Public Works (DPW) facility located north of the Echo Canoe Launch. That recommendation is intended to address issues related to the facility's current location within a floodplain and adjacent to Croton Bay. Relocating the DPW facility to an alternative site would resolve flooding-related issues, reduce potential negative impacts on Croton Bay such as stormwater runoff from the facility and provide the ability to enhance the Village's adjoining Echo Canoe launch facility.

Other projects recommended in the LWRP Update are intended to protect the Village's water supply, address drainage issues and steep slope erosion, facilitate upgrades to catch basins and stormwater outfalls to improve water quality in Croton Bay, address overall maintenance and improvements of Village parks, and enhance public waterfront access and recreational facilities such as Echo Canoe Launch, the Croton Yacht Club and Croton Landing Park. Implementation of these recommended projects can be anticipated to result in beneficial environmental impacts. Any specific actions to undertake these projects would be subject to an environmental review under SEQRA.

2.0 FULL ENVIRONMENTAL ASSESSMENT FORM

Parts 1 and 2 of this Full Environmental Assessment Form (EAF) evaluate the potential for environmental impacts to be created by the approval of the LWRP Update by the Village of Croton-on-Hudson Board of Trustees. This legislative action is generic in nature, not site-specific, and does not directly result in physical changes to the environment.

The form that follows is published by the New York State Department of Environmental Conservation, and portions are designed for site-specific actions rather than area-wide or generic proposals. As a result, consistent with the form's directions, these non-relevant sections (contained in Sections E and E on pages 3-13 of the form) are not completed.

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:		
Project Location (describe, and attach a general location map): See Figure 1		
Brief Description of Proposed Action (include purpose or need):		
Name of Applicant/Sponsor:	Telephone:	
	E-Mail:	
Address:		
City/PO:	State:	Zip Code:
Project Contact (if not same as sponsor; give name and title/role):	Telephone:	
	E-Mail:	
Address:		
City/PO:	State:	Zip Code:
Property Owner (if not same as sponsor):	Telephone:	
	E-Mail:	
Address:		
City/PO:	State:	Zip Code:

B. Government Approvals

B. Government Approvals Funding, or Sponsorship. (“Funding” includes grants, loans, tax relief, and any other forms of financial assistance.)

Government Entity	If Yes: Identify Agency and Approval(s) Required	Application Date (Actual or projected)
a. City Council, Town Board, or Village Board of Trustees ☐ Yes ☐ No		
b. City, Town or Village Planning Board or Commission ☐ Yes ☐ No		
c. City Council, Town or Village Zoning Board of Appeals ☐ Yes ☐ No		
d. Other local agencies ☐ Yes ☐ No		
e. County agencies ☐ Yes ☐ No		
f. Regional agencies ☐ Yes ☐ No		
g. State agencies ☐ Yes ☐ No		
h. Federal agencies ☐ Yes ☐ No		
i. Coastal Resources. i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway? ☐ Yes ☐ No If Yes, ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program? ☐ Yes ☐ No iii. Is the project site within a Coastal Erosion Hazard Area? ☐ Yes ☐ No		

C. Planning and Zoning

C.1. Planning and zoning actions.

Will administrative or legislative adoption, or amendment of a plan, local law, ordinance, rule or regulation be the only approval(s) which must be granted to enable the proposed action to proceed? ☐ Yes ☐ No

- **If Yes**, complete sections C, F and G.
- **If No**, proceed to question C.2 and complete all remaining sections and questions in Part 1

C.2. Adopted land use plans.

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? ☐ Yes ☐ No

If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located? ☐ Yes ☐ 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?) ☐ Yes ☐ No

If Yes, identify the plan(s):

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? ☐ Yes ☐ 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?

b. Is the use permitted or allowed by a special or conditional use permit? ☐ Yes ☐ No

c. Is a zoning change requested as part of the proposed action? ☐ 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? _____

b. What police or other public protection forces serve the project site?

c. Which fire protection and emergency medical services serve the project site?

d. What parks serve the project site?

D. Project Details

The following Sections D and E are intended for site-specific, not generic, actions; consistent with the above directions, these sections are left blank. Please proceed to Section F.

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)?

b. a. Total acreage of the site of the proposed action? _____ acres

b. Total acreage to be physically disturbed? _____ acres

c. Total acreage (project site and any contiguous properties) owned
or controlled by the applicant or project sponsor? _____ 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: _____ 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 _____ ii. Dimensions (in feet) of largest proposed structure: _____ height; _____ width; and _____ length iii. Approximate extent of building space to be heated or cooled: _____ 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? _____ ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site? • Volume (specify tons or cubic yards): _____ • Over what duration of time? _____ iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them. _____ _____ 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? _____ acres vi. What is the maximum area to be worked at any one time? _____ acres vii. What would be the maximum depth of excavation or dredging? _____ feet viii. Will the excavation require blasting? ☐ Yes ☐ No ix. Summarize site reclamation goals and plan: _____ _____ _____	

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: _____ 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: _____
- 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: _____

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: _____ 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): _____

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): _____ _____	
vi. Describe any plans or designs to capture, recycle or reuse liquid waste: _____ _____ _____	
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 _____ acres (impervious surface) _____ Square feet or _____ acres (parcel size) ii. Describe types of new point sources. _____ _____ 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)? _____ _____ • 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 (CO₂) • _____ Tons/year (short tons) of Nitrous Oxide (N₂O) • _____ Tons/year (short tons) of Perfluorocarbons (PFCs) • _____ Tons/year (short tons) of Sulfur Hexafluoride (SF₆) • _____ Tons/year (short tons) of Carbon Dioxide equivalent of Hydrofluorocarbons (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 ½ 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: _____ ii. Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility, or other): _____ 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. <table style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> i. During Construction: • Monday - Friday: _____ • Saturday: _____ • Sunday: _____ • Holidays: _____ </td> <td style="width: 50%; vertical-align: top;"> ii. During Operations: • Monday - Friday: _____ • Saturday: _____ • Sunday: _____ • Holidays: _____ </td> </tr> </table>		i. During Construction: • Monday - Friday: _____ • Saturday: _____ • Sunday: _____ • Holidays: _____	ii. During Operations: • Monday - Friday: _____ • Saturday: _____ • Sunday: _____ • Holidays: _____
i. During Construction: • Monday - Friday: _____ • Saturday: _____ • Sunday: _____ • Holidays: _____	ii. During Operations: • Monday - Friday: _____ • Saturday: _____ • Sunday: _____ • Holidays: _____		

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: _____ _____	
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: _____ _____	
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): _____ ii. If mix of uses, generally describe: _____ _____			
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			
• Forested			
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)			
• Agricultural (includes active orchards, field, greenhouse etc.)			
• Surface water features (lakes, ponds, streams, rivers, etc.)			
• Wetlands (freshwater or tidal)			
• Non-vegetated (bare rock, earth or fill)			
• Other Describe: _____ _____			

c. Is the project site presently used by members of the community for public recreation? ☐ Yes ☐ No i. If Yes: explain: _____	
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 ☐ Yes – Environmental Site Remediation database ☐ Neither database Provide DEC ID number(s): _____ Provide DEC ID number(s): _____ 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? _____ 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: _____ _____ % _____ _____ % _____ _____ %	
d. What is the average depth to the water table on the project site? Average: _____ feet	
e. Drainage status of project site soils: ☐ Well Drained: _____ % of site ☐ Moderately Well Drained: _____ % of site ☐ Poorly Drained: _____ % of site	
f. Approximate proportion of proposed action site with slopes: ☐ 0-10%: _____ % of site ☐ 10-15%: _____ % of site ☐ 15% or greater: _____ % 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>i</i> or <i>ii</i>, 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 _____ Classification _____ - Wetlands: Name _____ Approximate Size _____ - Wetland No. (if regulated by DEC) _____	

m. Identify the predominant wildlife species that occupy or use the project site: _____ _____ _____
n. Does the project site contain a designated significant natural community? ☐ Yes ☐ No If Yes: i. Describe the habitat/community (composition, function, and basis for designation): _____ ii. Source(s) of description or evaluation: _____ iii. Extent of community/habitat: • Currently: _____ acres • Following completion of project as proposed: _____ acres • Gain or loss (indicate + or -): _____ 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? ☐ Yes ☐ No
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? ☐ Yes ☐ No
q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? ☐ Yes ☐ No If yes, give a brief description of how the proposed action may affect that use: _____ _____
E.3. Designated Public Resources On or Near Project Site
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? ☐ Yes ☐ No If Yes, provide county plus district name/number: _____
b. Are agricultural lands consisting of highly productive soils present? ☐ Yes ☐ No i. If Yes: acreage(s) on project site? _____ 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? ☐ Yes ☐ No If Yes: i. Nature of the natural landmark: ☐ Biological Community ☐ 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? ☐ Yes ☐ No If Yes: i. CEA name: _____ ii. Basis for designation: _____ iii. Designating agency and date: _____

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?	☐ Yes ☐ No
If Yes:	
i. Nature of historic/archaeological resource: ☐ Archaeological Site ☐ Historic Building or District	
ii. Name: _____	
iii. 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?	
☐ Yes ☐ No	
g. Have additional archaeological or historic site(s) or resources been identified on the project site?	
☐ Yes ☐ No	
If Yes:	
i. Describe possible resource(s): _____	
ii. 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?	
☐ Yes ☐ No	
If Yes:	
i. Identify resource: _____	
ii. Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): _____	
iii. Distance between project and resource: _____ miles.	
i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666?	
☐ Yes ☐ No	
If Yes:	
i. Identify the name of the river and its designation: _____	
ii. Is the activity consistent with development restrictions contained in 6NYCRR Part 666?	
☐ Yes ☐ No	

F. Additional Information

See attached narrative.

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

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

G. Verification

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

Applicant/Sponsor Name _____ Date _____

Signature _____ Title _____

Full Environmental Assessment Form

Part 2 - Identification of Potential Project Impacts

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.

1. Impact on Land 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> ☐ NO ☐ 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	☐	☐
b. The proposed action may involve construction on slopes of 15% or greater.	E2f	☐	☐
c. The proposed action may involve construction on land where bedrock is exposed, or generally within 5 feet of existing ground surface.	E2a	☐	☐
d. The proposed action may involve the excavation and removal of more than 1,000 tons of natural material.	D2a	☐	☐
e. The proposed action may involve construction that continues for more than one year or in multiple phases.	D1e	☐	☐
f. The proposed action may result in increased erosion, whether from physical disturbance or vegetation removal (including from treatment by herbicides).	D2e, D2q	☐	☐
g. The proposed action is, or may be, located within a Coastal Erosion hazard area.	B1i	☐	☐
h. Other impacts: _____ _____		☐	☐

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 <i>If "Yes", answer questions a - c. If "No", move on to Section 3.</i>			
	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	☐	☐
b. The proposed action may affect or is adjacent to a geological feature listed as a registered National Natural Landmark. Specific feature: _____	E3c	☐	☐
c. Other impacts: _____		☐	☐

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 <i>If "Yes", answer questions a - l. If "No", move on to Section 4.</i>			
	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	☐	☐
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	☐	☐
c. The proposed action may involve dredging more than 100 cubic yards of material from a wetland or water body.	D2a	☐	☐
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	☐	☐
e. The proposed action may create turbidity in a waterbody, either from upland erosion, runoff or by disturbing bottom sediments.	D2a, D2h	☐	☐
f. The proposed action may include construction of one or more intake(s) for withdrawal of water from surface water.	D2c	☐	☐
g. The proposed action may include construction of one or more outfall(s) for discharge of wastewater to surface water(s).	D2d	☐	☐
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	☐	☐
i. The proposed action may affect the water quality of any water bodies within or downstream of the site of the proposed action.	E2h	☐	☐
j. The proposed action may involve the application of pesticides or herbicides in or around any water body.	D2q, E2h	☐	☐
k. The proposed action may require the construction of new, or expansion of existing, wastewater treatment facilities.	D1a, D2d	☐	☐

l. Other impacts: _____ _____		☐	☐
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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. (See Part 1. D.2.a, D.2.c, D.2.d, D.2.p, D.2.q, D.2.t) <i>If “Yes”, answer questions a - h. If “No”, move on to Section 5.</i>			
	☐ NO	☐ YES	
	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	☐	☐
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	☐	☐
c. The proposed action may allow or result in residential uses in areas without water and sewer services.	D1a, D2c	☐	☐
d. The proposed action may include or require wastewater discharged to groundwater.	D2d, E2l	☐	☐
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	☐	☐
f. The proposed action may require the bulk storage of petroleum or chemical products over ground water or an aquifer.	D2p, E2l	☐	☐
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	☐	☐
h. Other impacts: _____ _____		☐	☐

5. Impact on Flooding The proposed action may result in development on lands subject to flooding. (See Part 1. E.2) <i>If “Yes”, answer questions a - g. If “No”, move on to Section 6.</i>			
	☐ NO	☐ YES	
	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	☐	☐
b. The proposed action may result in development within a 100 year floodplain.	E2j	☐	☐
c. The proposed action may result in development within a 500 year floodplain.	E2k	☐	☐
d. The proposed action may result in, or require, modification of existing drainage patterns.	D2b, D2e	☐	☐
e. The proposed action may change flood water flows that contribute to flooding.	D2b, E2i, E2j, E2k	☐	☐
f. If there is a dam located on the site of the proposed action, is the dam in need of repair, or upgrade?	E1e	☐	☐

g. Other impacts: _____ _____		☐	☐
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6. Impacts on Air The proposed action may include a state regulated air emission source. ☐ NO ☐ YES (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>			
	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 ₂) ii. More than 3.5 tons/year of nitrous oxide (N ₂ O) iii. More than 1000 tons/year of carbon equivalent of perfluorocarbons (PFCs) iv. More than .045 tons/year of sulfur hexafluoride (SF ₆) 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	☐ ☐ ☐ ☐ ☐ ☐	☐ ☐ ☐ ☐ ☐ ☐
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	☐	☐
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	☐	☐
d. The proposed action may reach 50% of any of the thresholds in “a” through “c”, above.	D2g	☐	☐
e. The proposed action may result in the combustion or thermal treatment of more than 1 ton of refuse per hour.	D2s	☐	☐
f. Other impacts: _____ _____		☐	☐

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.) ☐ NO ☐ YES <i>If “Yes”, answer questions a - j. If “No”, move on to Section 8.</i>			
	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	☐	☐
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	☐	☐
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	☐	☐
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	☐	☐

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	☐	☐
f. The proposed action may result in the removal of, or ground disturbance in, any portion of a designated significant natural community. Source: _____	E2n	☐	☐
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	☐	☐
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	☐	☐
i. Proposed action (commercial, industrial or recreational projects, only) involves use of herbicides or pesticides.	D2q	☐	☐
j. Other impacts: _____		☐	☐

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

9. Impact on Aesthetic Resources The land use of the proposed action are obviously different from, or are in sharp contrast to, current land use patterns between the proposed project and a scenic or aesthetic resource. (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>			
		☐ NO	☐ YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Proposed action may be visible from any officially designated federal, state, or local scenic or aesthetic resource.	E3h	☐	☐
b. The proposed action may result in the obstruction, elimination or significant screening of one or more officially designated scenic views.	E3h, C2b	☐	☐
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	☐ ☐	☐ ☐
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	☐ ☐	☐ ☐
e. The proposed action may cause a diminishment of the public enjoyment and appreciation of the designated aesthetic resource.	E3h	☐	☐
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	☐	☐
g. Other impacts: _____ _____		☐	☐

10. Impact on Historic and Archeological Resources 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>			
		☐ NO	☐ YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may occur wholly or partially within, or substantially contiguous to, any buildings, archaeological site or district which is listed on or has been nominated by the NYS Board of Historic Preservation for inclusion on the State or National Register of Historic Places.	E3e	☐	☐
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	☐	☐
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	☐	☐

d. Other impacts: _____ _____		☐	☐
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	☐	☐
ii. The proposed action may result in the alteration of the property’s setting or integrity.	E3e, E3f, E3g, E1a, E1b	☐	☐
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	☐	☐

11. Impact on Open Space and Recreation The proposed action may result in a loss of recreational opportunities or a reduction of an open space resource as designated in any adopted municipal open space plan. (See Part 1. C.2.c, E.1.c., E.2.q.) <i>If “Yes”, answer questions a - e. If “No”, go to Section 12.</i>			
		☐ NO	☐ YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in an impairment of natural functions, or “ecosystem services”, provided by an undeveloped area, including but not limited to stormwater storage, nutrient cycling, wildlife habitat.	D2e, E1b E2h, E2m, E2o, E2n, E2p	☐	☐
b. The proposed action may result in the loss of a current or future recreational resource.	C2a, E1c, C2c, E2q	☐	☐
c. The proposed action may eliminate open space or recreational resource in an area with few such resources.	C2a, C2c E1c, E2q	☐	☐
d. The proposed action may result in loss of an area now used informally by the community as an open space resource.	C2c, E1c	☐	☐
e. Other impacts: _____ _____		☐	☐

12. Impact on Critical Environmental Areas The proposed action may be located within or adjacent to a critical environmental area (CEA). (See Part 1. E.3.d) <i>If “Yes”, answer questions a - c. If “No”, go to Section 13.</i>			
		☐ NO	☐ YES
	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in a reduction in the quantity of the resource or characteristic which was the basis for designation of the CEA.	E3d	☐	☐
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	☐	☐
c. Other impacts: _____ _____		☐	☐

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	☐	☐
b. The proposed action may result in the construction of paved parking area for 500 or more vehicles.	D2j	☐	☐
c. The proposed action will degrade existing transit access.	D2j	☐	☐
d. The proposed action will degrade existing pedestrian or bicycle accommodations.	D2j	☐	☐
e. The proposed action may alter the present pattern of movement of people or goods.	D2j	☐	☐
f. Other impacts: _____ _____		☐	☐

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	☐	☐
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	☐	☐
c. The proposed action may utilize more than 2,500 MWhrs per year of electricity.	D2k	☐	☐
d. The proposed action may involve heating and/or cooling of more than 100,000 square feet of building area when completed.	D1g	☐	☐
e. Other Impacts: _____ _____			

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	☐	☐
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	☐	☐
c. The proposed action may result in routine odors for more than one hour per day.	D2o	☐	☐

d. The proposed action may result in light shining onto adjoining properties.	D2n	☐	☐
e. The proposed action may result in lighting creating sky-glow brighter than existing area conditions.	D2n, E1a	☐	☐
f. Other impacts: _____ _____		☐	☐

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.)

☐ NO

☐ YES

If "Yes", answer questions a - m. If "No", go to Section 17.

	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	☐	☐
b. The site of the proposed action is currently undergoing remediation.	E1g, E1h	☐	☐
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	☐	☐
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	☐	☐
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	☐	☐
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	☐	☐
g. The proposed action involves construction or modification of a solid waste management facility.	D2q, E1f	☐	☐
h. The proposed action may result in the unearthing of solid or hazardous waste.	D2q, E1f	☐	☐
i. The proposed action may result in an increase in the rate of disposal, or processing, of solid waste.	D2r, D2s	☐	☐
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	☐	☐
k. The proposed action may result in the migration of explosive gases from a landfill site to adjacent off site structures.	E1f, E1g	☐	☐
l. The proposed action may result in the release of contaminated leachate from the project site.	D2s, E1f, D2r	☐	☐
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.) <i>If “Yes”, answer questions a - h. If “No”, go to Section 18.</i>			
		☐ 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	☐	☐
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	☐	☐
c. The proposed action is inconsistent with local land use plans or zoning regulations.	C2, C2, C3	☐	☐
d. The proposed action is inconsistent with any County plans, or other regional land use plans.	C2, C2	☐	☐
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	☐	☐
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	☐	☐
g. The proposed action may induce secondary development impacts (e.g., residential or commercial development not included in the proposed action)	C2a	☐	☐
h. Other: _____ _____		☐	☐

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) <i>If “Yes”, answer questions a - g. If “No”, proceed to Part 3.</i>			
		☐ 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	☐	☐
b. The proposed action may create a demand for additional community services (e.g. schools, police and fire)	C4	☐	☐
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	☐	☐
d. The proposed action may interfere with the use or enjoyment of officially recognized or designated public resources.	C2, E3	☐	☐
e. The proposed action is inconsistent with the predominant architectural scale and character.	C2, C3	☐	☐
f. Proposed action is inconsistent with the character of the existing natural landscape.	C2, C3 E1a, E1b E2g, E2h	☐	☐
g. Other impacts: _____ _____		☐	☐