

COUNTY OF SUFFOLK



STEVEN BELLONE
COUNTY EXECUTIVE

DEPARTMENT OF ECONOMIC DEVELOPMENT AND PLANNING
DIVISION OF PLANNING AND ENVIRONMENT
COUNCIL ON ENVIRONMENTAL QUALITY

Tom Gulbransen
Chairperson
CEQ

MEMORANDUM

TO: Involved/Interested Agencies

FROM: John Corral, Environmental Projects Coordinator *JC*

DATE: January 5, 2022

RE: Proposed Capital Project 1834 – Electric Vehicle Supply Equipment Installation
at Various County Facilities

Enclosed is an Environmental Assessment Form for the above referenced County project which has been submitted to the Council on Environmental Quality (CEQ) for review. Pursuant to Title 6 NYCRR Part 617 and Chapter 450 of the Suffolk County Code, the CEQ must make a SEQRA recommendation to the Suffolk County Legislature for this proposed action. This CEQ recommendation must include a SEQRA classification for the proposed action and a determination as to whether the proposed action may have a significant adverse impact on the environment which would require the preparation of a Draft Environmental Impact Statement (DEIS).

The Council would like to know any comments you may have regarding this proposed action and whether you think a DEIS or a determination of non-significance is warranted. This project will be discussed at the **January 11, 2023** CEQ meeting which will be held electronically via ZOOM. Please note that the Zoom instructions are provided on the CEQ meeting Agenda.

If you are unable to attend the meeting to present your views, please forward any comments you may have to this office prior the date of the meeting.

JC/cd
Enc.

cc: Sarah Lansdale, Commissioner, Suffolk County Department of Economic Development and Planning
Christopher Gonzalez, Chief Deputy Commissioner, Suffolk County Department of Economic Development and Planning

Elisa Picca, Deputy Commissioner, Suffolk County Department of Economic Development and Planning

Andrew P. Freleng, Chief Planner, Suffolk County Department of Economic Development and Planning, Division of Planning & Environment

Walter Dawydiak, Director, Division of Environmental Quality, Suffolk County Department of Health Services

Ken Zegel, Principal Public Health Engineer, Suffolk County Department of Health Services

Joseph Brown, P.E., Commissioner, Suffolk County Department of Public Works

Michael J. Monaghan, P.E., Chief Engineer – Facilities, Suffolk County Department of Public Works

Joseph Iannucci Jr., P.E., Public Works Capital Projects Manager, Suffolk County Department of Public Works

Jason Smagin, Commissioner, Suffolk County Parks

Nick Gibbons, Chief Environmental Analyst, Suffolk County Parks

Richard Martin, Director of Historic Services, Suffolk County Parks

Sy Gruza, Esq., PSEG Long Island

Lisanne Altmann, PSEG Long Island

Paul DiBenedetto, PSEG Long Island

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

Instructions: The applicant or project sponsor is responsible for the completion of Part 1. 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 available information.

Complete all items in Part 1. You may also provide any additional information which you believe will be needed by or useful to the lead agency; attach additional pages as necessary to supplement any item.

Part 1 – Project and Sponsor Information

Name of Action/Project: CP 1834 – Electric Vehicle Supply Equipment Installation at Various Suffolk County Facilities
Project Location (include map): Various County-owned parking lot locations (specific locations yet to be determined)

Brief Description of Proposed Action (include purpose, intent and the environmental resources that may be affected):

The Project is for the design and installation of electric vehicle supply equipment (EVSE), electrical upgrades to buildings to support EVSE, parking lot alterations, and other infrastructure required to support Suffolk County's electric vehicle (EV) fleet.

The Project was initiated by Executive Order No. 1-2021, which ordered a feasibility study to convert all Suffolk County fleet vehicles to electric by 2030.

The Project will be closely coordinated with PSEG Long Island to determine the best methods for interconnection to their electrical distribution system and to assure available electrical capacity.

Based on the nature of the ESVE equipment and the locational criteria where these EVSE equipment will be installed, no significant adverse environmental impacts are anticipated to result from the installation and/or use of the EVSE systems. Planned EVSE will be installed at County-owned facilities and within paved existing parking lot areas. While modification of parking lot areas may be required, alteration of the overall footprint is not expected. Trenching will be required through portions of the existing parking lot as well as through County-owned property for EVSE and interconnection to electrical utilities (PSEG Long Island). Trenching work is anticipated to take place in previously disturbed areas (paved areas, landscaped areas around buildings, ect.). Any trenching work through non-previously disturbed land (i.e. forested land, wetland areas, etc) will require additional environmental review.

All ESVE installation projects will require permitting by Suffolk County Department of Public Works. Proposed projects located at Suffolk County Parks will also be coordinated with the Suffolk County Parks Department. County Park ESVE installation locations will be limited to paved parking areas that do not require trenching though undisturbed lands. County Park locations that require trenching in undisturbed land and/or at designated Suffolk County Historic Trust locations would require additional environmental review.

To assure public safety, all EVSE and ancillary equipment (e.g. panelboards, meter cabinets) will be constructed in accordance with ANSI, NEMA, NFPA, and other related electrical equipment standards and will be listed in accordance with an approved laboratory (e.g. Underwriters Laboratory). Furthermore, installation of all EVSE and ancillary equipment will be performed in accordance with NFPA 70 National Electrical Code, the Building Code of New York State, PSEG Long Island Construction Standards, and other applicable codes and standards. Further design and construction considerations for safety will include the installation of bollards to reduce vehicular damage to equipment as well as concrete pads or elevated equipment in accordance with NEMA Flood Plain maps and associated requirements.

EVSE and ancillary equipment will be noiseless with the exception of the PSEG Long Island electrical service transformers, which will be required at each location. All transformers naturally have a low hum as a result of slight expansions and contractions of the iron core due to the alternating current applied to create the magnetic field. This is called the Magnetostriction Effect. The sound's impact to the environment is negligible.

Similar to standard building electrical equipment, EVSE and ancillary equipment will require standard maintenance in accordance with ANSI/NETA Maintenance Testing Specifications (MTS). Maintenance may consist of regular electrical testing, exercising of mechanical devices and equipment, and cleaning.

The Project phases are broken down as follows:

- Phase 0: Review and Feasibility Study Update
 - o Update feasibility study and plan
 - o SC Fleet considerations and procurement plan
 - o EVSE technology review and selection
 - o Life cycle operation retirees
 - o System maintenance recommendation, specification, and contract development
 - o Funding review and grant application process
- Phase 1: Initial Buildout

- Design and construction of EVSE to accommodate approximately (500) Level 2 and (32) Level 3 charge stations (see below for definitions). Locations are as follows in accordance with Fleet needs:
 - North County Complex
 - H. Lee Dennison Building C0140
 - Yaphank County Center
 - Riverhead County Center Complex
- Phase 2: Backup Generation and Final Station Buildout
 - Design and construction of remaining EVSE to accommodate charge stations at various locations to achieve full buildout. Quantity to be determined. Locations for consideration, in accordance with Fleet needs:
 - Cohalan Court Complex
 - Police Headquarters, Precincts, and Other Facilities
 - Sanitation and Waste Water Treatment Facilities
 - Gabreski Airport
 - Riverhead Supreme Court
 - Suffolk County Parks (located at paved parking areas at yet to be determined County Parks)
 - Miscellaneous Locations (located at paved parking areas of yet to be determined County-owned facilities)
 - Design and construction of optional standby generation for all Phase 1 and Phase 2 EVSE locations.
- Phase 3: Final Program Review and Recommendations.

Level 2 charge stations are defined as equipment that use a 208–240V power source rated up to 60A. Electric vehicles can typically be charged at a rate of 12 – 80 miles an hour, or a full charge in 4-10 hours.

Level 3 charge stations, also called direct current fast charge stations, are defined as equipment that use a 480V power source rated 70A and above. Electric vehicles can typically be charged at a rate of 75 – 1,200 miles per hour, or an 80% charge in 30 minutes.

Name of Applicant/Project Sponsor: Joseph Iannucci Jr., P.E. Public Works Capital Projects Manager Department of Public Works – Division of Facilities Engineering	Email: joseph.iannucci@suffolkcountyny.gov Telephone #: 631-852-4236
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Address: 335 Yaphank Ave

City/P.O.: Yaphank	State: NY	Zip Code: 11980
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1. Does the proposed action only involve the legislative adoption of a plan, local law, ordinance, administrative rule or regulation? If Yes , attach a narrative description of the intent of the proposed action and the environmental resources that may be affected in the municipality and proceed to Part 2. If No , continue to question 2.	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
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2. Does the proposed action require a permit, approval or funding from any other governmental agency? If Yes , list agency(s) name and permit or approval:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>						
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Suffolk County – Capital Program Funding</td> </tr> <tr> <td style="padding: 2px;">Suffolk County – DPW Building Permit</td> </tr> <tr> <td style="padding: 2px;">PSEG Long Island – “Make Ready” Rebate Program</td> </tr> <tr> <td style="padding: 2px;">PSEG Long Island – Electric Service Applications</td> </tr> <tr> <td style="padding: 2px;">New York State – Grant Funding (to be determined as the project progresses)</td> </tr> <tr> <td style="padding: 2px;">US Federal Gov. – Grant Funding (to be determined as the project progresses)</td> </tr> </table>	Suffolk County – Capital Program Funding	Suffolk County – DPW Building Permit	PSEG Long Island – “Make Ready” Rebate Program	PSEG Long Island – Electric Service Applications	New York State – Grant Funding (to be determined as the project progresses)	US Federal Gov. – Grant Funding (to be determined as the project progresses)	
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US Federal Gov. – Grant Funding (to be determined as the project progresses)							

3a. Total acreage of the site of the proposed action: To be determined. Project consists of multiple installations at various Suffolk County owned facilities.

<p>3b. Total acreage to be physically disturbed: To be determined. Project consists of multiple installations at various Suffolk County owned facilities. Trenching will be required to support electrical infrastructure installation. Alterations within existing parking lot footprints may be required to accommodate EVSE and traffic flow. However, as indicated in the Description of the Proposed Action, the project is anticipated to take place on existing County Parking lots and trenching work will take place on previously disturbed land. Any trenching work through undisturbed land (i.e. forested land, wetland areas, natural grasslands, etc) will require additional environmental review.</p>	
<p>3c. Total acreage (project site and contiguous properties) owned or controlled by the applicant or project sponsor: The exact number of Suffolk County owned facilities and the total acreage of the facilities is still to be determined.</p>	
<p>4. Check all land uses that occur on, adjoining and near the proposed action:</p> <p> <input type="checkbox"/> Urban <input type="checkbox"/> Forest <input checked="" type="checkbox"/> Parkland <input type="checkbox"/> Agriculture <input type="checkbox"/> Rural (non-agriculture) <input type="checkbox"/> Industrial <input type="checkbox"/> Aquatic <input type="checkbox"/> Commercial <input type="checkbox"/> Residential (suburban) <input checked="" type="checkbox"/> Other: Municipal </p>	
5a. Is the proposed action a permitted use under the zoning regulations?	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
5b. Is the proposed action consistent with an adopted comprehensive plan?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
6. Is the proposed action consistent with the predominant character of the existing built or natural landscape?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>
<p>7. Is the site of the proposed action located in, or adjoining a state listed Critical Environmental Area (CEA)?</p> <p>If Yes, identify CEA:</p> <div style="border: 1px solid black; padding: 5px;"> <p>While there are specific locations that are still to be determined, the Riverhead County Complex and Suffolk County Gabreski Airport are located in the Central Suffolk Pine Barrens CEA</p> </div>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
8a. Will the proposed action result in a substantial increase in traffic above present levels?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
8b. Are public transportation services available at or near the site of the proposed action?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
8c. Are any pedestrian accommodations or bicycle routes available on or near the site of the proposed action?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
<p>9. Does the proposed action meet or exceed the state energy code requirements?</p> <p>If the proposed action will exceed requirements, describe design features and technologies:</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>
<p>10. Will the proposed action connect to an existing public/private water supply?</p> <p>If Yes, does the existing system have capacity to provide service? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>If No, describe method for providing potable water:</p> <div style="border: 1px solid black; height: 20px; width: 100%;"></div>	Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/>

<p>11. Will the proposed action connect to existing wastewater utilities?</p> <p>If Yes, does the existing system have capacity to provide service? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>If No, describe method for providing wastewater treatment: <input type="text"/></p>	<p>Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input checked="" type="checkbox"/></p>
<p>12a. Does the site contain a structure that is listed on either the State or National Register of Historic Places or dedicated to the Suffolk County Historic Trust?</p> <p>12b. Is the proposed action located in an archeological sensitive area?</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p> <p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>13a. Does any portion of the site of the proposed action, or lands adjoining the proposed action, contain wetlands or other waterbodies regulated by a federal, state or local agency?*</p> <p>13b. Would the proposed action physically alter, or encroach into, any existing wetland or waterbody?*</p> <p>If Yes, identify the wetland or waterbody and extent of alterations in square feet or acres: <input type="text"/></p> <p>*While there are potential EVSE installation sites that may have wetlands or waterbodies as part of the overall County property or adjacent to the County property, the installations will be located away from and designed not to alter or encroach into any existing wetland or waterbody.</p>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>14. Identify the typical habitat types that occur on, or are likely to be found on the project site (check all that apply):</p> <p><input type="checkbox"/> Shoreline <input type="checkbox"/> Forest <input type="checkbox"/> Agricultural/grasslands <input type="checkbox"/> Early/mid-successional <input type="checkbox"/> Wetland <input checked="" type="checkbox"/> Urban <input checked="" type="checkbox"/> Suburban</p>	
<p>15. Does the site of the proposed action contain any species of animal or associated habitats, listed by the State or Federal government as threatened or endangered?</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>16. Is the project site located in the 100 year flood plain?*</p> <p>*Proposed locations, such as Smith Point County Park Pavilion (P2254), Timber Point County Park, and Suffolk County Police Marine Bureau (C0431) fall within the 100 Year Flood Plain in accordance with FEMA maps.</p>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>
<p>17. Will the proposed action create storm water discharge, either from point or non-point sources?*</p> <p>If Yes,</p> <p>a. Will storm water discharges flow to adjacent properties? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>b. Will storm water discharges be directed to established conveyance systems (runoff and storm drains)? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>If Yes, describe: <input type="text"/></p> <p>*Because the installations will be located at existing parking lots and are not anticipated to result in an increase in paved parking area the proposed action is not anticipated to result in an increase in storm water discharge.</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>

<p>18. Does the proposed action include construction or other activities that result in the impoundment of water or other liquids (e.g. retention pond, waste lagoon, dam)?</p> <p>If Yes, explain size and purpose:</p> <input type="text"/>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>19. Has the site of the proposed action or an adjoining property been the location of an active or closed solid waste management facility?</p> <p>If Yes, describe:</p> <input type="text"/>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>20. Has the site of the proposed action or an adjoining property been the subject of remediation (ongoing or completed) for hazardous waste?*</p> <p>If Yes, describe:</p> <input type="text"/> <p>*Based on the site location criteria for EVSE installation sites, it is not anticipated that any of the installation sites have been the subject of remediation for hazardous wastes.</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>I AFFIRM THAT THE INFORMATION PROVIDED ABOVE IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE</p> <p>Applicant/Sponsor Name: Joseph Iannucci Jr. Date: 1/4/2023</p> <p>Signature:  Digitally signed by Joseph Iannucci Jr. Date: 2023.01.05 09:50:21 -05'00'</p>	

SUFFOLK COUNTY
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Part 2 – Impact Assessment (To be completed by Lead Agency)

	No, or small impact may occur	Moderate to large impact may occur
1. Will the proposed action create a material conflict with an adopted land use plan or zoning regulations?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Will the proposed action result in a change in the use or intensity of use of land?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Will the proposed action impair the character or quality of the existing community?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Will the proposed action have an impact on the environmental characteristics that caused the establishment of a Critical Environmental Area (CEA)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Will the proposed action result in an adverse change in the existing level of traffic or affect existing infrastructure for mass transit, biking or walkway?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Will the proposed action cause an increase in the use of energy and fail to incorporate reasonably available energy conservation or renewable energy opportunities?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. Will the proposed action impact existing public/private water supplies?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Will the proposed action impact existing public/private wastewater treatment utilities?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9. Will the proposed action impair the character or quality of important historic, archaeological, architectural or aesthetic resources?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10. Will the proposed action result in an adverse change to natural resources (e.g., wetlands, waterbodies, groundwater, air quality, flora and fauna)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Will the proposed action result in an increase in the potential for erosion, flooding or drainage problems?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12. Will the proposed action create a hazard to environmental resources or human health?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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Part 3 – Determination of Significance

The Lead Agency is responsible for the completion of Part 3. For every question in Part 2 that was answered “moderate to large impact may occur”, or if there is a need to explain why a particular element of the proposed action may or will not result in a significant adverse environmental impact, please complete Part 3. Part 3 should, in sufficient detail, identify the impact, including any measures or design elements that have been included by the project sponsor to avoid or reduce impacts. Part 3 should also explain how the lead agency determined that the impact may or will not be significant. Each potential impact should be assessed considering its setting, probability of occurring, duration, irreversibility, geographic scope and magnitude. Also consider the potential for short-term, long-term and cumulative impacts. Attach additional pages as necessary.

- Check this box if you have determined, based on the information and analysis above, and any supporting documentation that the proposed action may result in one or more potentially large or significant adverse impacts and an environmental impact statement is required. (Positive Declaration)

- Check this box if you have determined, based on the information and analysis above, and any supporting documentation that the proposed action will not result in any significant adverse environmental impacts. (Negative Declaration)

Name of Lead Agency

Date

Print or Type Name of Responsible Officer in Lead Agency

Title of Responsible Officer

Signature of Responsible Officer in Lead Agency

Signature of Preparer (if different from Responsible Officer)