LAID ON THE TABLE MARCH 27, 2012

LADS REPORT PREPARED BY:
Michele Gerardi
(Revised 3/28/2012)

Type II Action 6 NYCRR 617.5(c) (20)(27)	1309.	Amending the 2012 Adopted Operating Budget and transferring funds within the Department of Health Services to fund a contract with Suffolk County Perinatal Coalition. (Co. Exec.) HEALTH
Type II Action 6 NYCRR 617.5(c) (20)(27)	1310.	Amending the 2012 Adopted Operating Budget to transfer funding from Drug Abuse Prevention Council (RSVP) to the Long Island Home d/b/a South Oaks Hospital Prevention Resource Center. (Co. Exec.) HEALTH
Type II Action 6 NYCRR 617.5(c) (20)(27)	1311.	Amending the 2012 Adopted Operating Budget to accept and appropriate 100% additional Federal Aid passed through the New York State Office of Alcoholism and Substance Abuse Services (NYS OASAS) to Alternatives Counseling Services, Inc. and the YMCA of Long Island, Inc. (Co. Exec.) HEALTH
Type II Action 6 NYCRR 617.5(c) (20)(27)	1312.	Adopting Local Law No. -2012, A Local Law to make a technical change to Tax Map Verification fees. (Lindsay) WAYS & MEANS
Type II Action 6 NYCRR 617.5(c) (20)(27)	1313.	Approving the reappointment of Clifford Hymowitz to the Suffolk County Disabilities Advisory Board – Group D. (Muratore) HEALTH
Type II Action 6 NYCRR 617.5(c) (20)(27)	1314.	Authorizing Film Promotion funding for 2012. (Co. Exec.) ECONOMIC DEVELOPMENT AND ENERGY
Type II Action 6 NYCRR 617.5(c) (15)(20)(27)	1315.	Authorizing use of Cathedral Pines County Park by the League for Animal Protection of Huntington for its "Ride Laps for L.A.P." Fundraiser. (Co. Exec.) PARKS & RECREATION
Type II Action 6 NYCRR 617.5(c) (20)(27)	1316.	Authorizing a License Agreement with Long Island Maritime Museum, Inc. for the Long Island Maritime Museum at Charles R. Dominy County Park, West Sayville. (Co. Exec.) PARKS & RECREATION
Type II Action 6 NYCRR 617.5(c) (15)(20)(27)	1317.	Authorizing use of Blydenburgh County Park by the Care Center for its Annual Walkathon Fundraiser. (Co. Exec.) PARKS & RECREATION
Unlisted Action	1318.	Sale of County-owned real estate pursuant to Local Law No. 13-1976 Brookhaven Eastern Holdings, LLC (SCTM No. 0200-663.00-03.00-012.001). (Co. Exec.) WAYS & MEANS
Unlisted Action	1319.	Authorizing the sale, pursuant to Local Law No. 16-1976, of real property acquired under Section 46 of the Suffolk County Tax Act Estate of Florence Leonard f/k/a Florence Bennett (SCTM No. 0100-155.00-01.00-087.004). (Co. Exec.) WAYS & MEANS
Unlisted Action	1320.	Sale of County-owned real estate pursuant to Local Law No. 13-1976 Kenneth J. Powers and Barbara Powers, his wife (SCTM No. 0103-007.00-02.00-012.000). (Co. Exec.) WAYS & MEANS

Type II Action 6 NYCRR 617.5(c) (20)(27)	1321.	To readjust, compromise, and grant refunds and charge-backs on real property correction of errors by: County Legislature (Control No. 889-2012). (Co. Exec.) BUDGET AND FINANCE
Type II Action 6 NYCRR 617.5(c) (20)(27)	1322.	To readjust, compromise, and grant refunds and charge-backs on real property correction of errors by: County Legislature (Control No. 890-2012). (Co. Exec.) BUDGET AND FINANCE
Unlisted Action	1323.	Sale of County-owned real estate pursuant to Section 72-h of the General Municipal Law - Town of Brookhaven - (SCTM No. 0200-975.90-01.00-027.000). (Co. Exec.) WAYS & MEANS
Type II Action 6 NYCRR 617.5(c) (20)(27) - Programmatic SEQRA Complete	1324.	Authorizing the acquisition of Farmland Development Rights under the New Suffolk County Drinking Water Protection Program (effective December 1, 2007) for the Elmer G. Tuthill and Beatrice E. Tuthill property - Tuthill Vineyard -Town of Southold - (SCTM No.1000-108.00-03.00-007.000 p/o). (Co. Exec.) ENVIRONMENT, PLANNING AND AGRICULTURE
Type II Action 6 NYCRR 617.5(c) (20)(27)	1325.	To readjust, compromise, and grant refunds and chargebacks on correction or errors/County Treasurer by: County Legislature No. 368. (Co. Exec.) BUDGET AND FINANCE
Type II Action 6 NYCRR 617.5(c) (15)(20)(27)	1326.	Authorizing use of Blydenburgh County Park by the Cystic Fibrosis Foundation for its Great Strides Walkathon. (Co. Exec.) PARKS & RECREATION
Type II Action 6 NYCRR 617.5(c) (15)(20)(27)	1327.	Authorizing use of Blydenburgh County Park by the New York Blood Center, Inc. for its Hike for Life Fundraiser. (Co. Exec.) PARKS & RECREATION
Type II Action 6 NYCRR 617.5(c) (20)(27)	1328.	Amending the 2012 Adopted Operating Budget to accept and appropriate 100% additional Federal Aid passed through the New York State Office of Alcoholism and Substance Abuse Services to the Pederson-Krag Center, Inc. (Co. Exec.) HEALTH
Type II Action 6 NYCRR 617.5(c) (20)(25)(27)	1329.	Authorizing the transfer of Oral Rabies Vaccine (ORV) bait to the Nassau County Department of Health Services. (Co. Exec.) HEALTH
Type II Action 6 NYCRR 617.5(c) (20)(27)	1330.	Authorizing certain technical correction to Adopted Resolution No. 657-2011. (Co. Exec.) WAYS & MEANS
Type II Action 6 NYCRR 617.5(c) (20)(27)	1331.	Defining child concealment in Suffolk County. (Romaine) PUBLIC SAFETY
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Type II Action 6 NYCRR 617.5(c) (20)(27)	1333.	Enhancing and strengthening County Beautification and Litter Control Programs. (Schneiderman) PUBLIC WORKS AND TRANSPORTATION
Type II Action 6 NYCRR 617.5(c) (20)(25)(27)	1334.	Approving an increase in fleet for an ammunition disposal trailer for the Suffolk County Police Department's Emergency Services section through the use of Asset Forfeiture funds. (Co. Exec.) PUBLIC SAFETY

Type II Action 6 NYCRR 617.5(c) (20)(27)	1335.	Authorizing an Intermunicipal Agreement with the Town of Southold, and accepting funds associated with overtime costs for dredging of County waters within the Town of Southold. (Co. Exec.) PUBLIC WORKS AND TRANSPORTATION
Type II Action 6 NYCRR 617.5(c) (1)(2)(20)(27)	1336.	Appropriating funds in connection with improvements to Environmental Recharge Basins (CP 5072). (Co. Exec.) PUBLIC WORKS AND TRANSPORTATION
Unlisted Action	1337.	Authorizing the acquisition of land under the New Suffolk County Drinking Water Protection Program (effective December 1, 2007) - open space component - for the John Barnes and Christopher Barnes property - Aspatuck Creek - Town of Southampton - (SCTM No. 0900-359.00-01.00-012.003). (Co. Exec.) ENVIRONMENT, PLANNING AND AGRICULTURE
Type II Action 6 NYCRR 617.5(c) (20)(25)(27)	1338.	Appropriating funds in connection with updating communications in Park Police vehicles (CP 7141). (Co. Exec.) PARKS & RECREATION
Type II Action 6 NYCRR 617.5(c) (20)(27)	1339.	Establishing a Memorial Arbor Program in Suffolk County Parks. (Hahn) PARKS & RECREATION
Type II Action 6 NYCRR 617.5(c) (20)(27)	1340.	Designating individual agents of the Suffolk County Society for the Prevention of Cruelty to Animals as volunteers of the County of Suffolk for the purposes of indemnification. (Romaine) GOVERNMENT OPERATIONS, PERSONNEL, HOUSING & CONSUMER PROTECTION
Type II Action 6 NYCRR 617.5(c) (20)(27)	1341.	Adopting Local Law No. -2012, A Local Law to amend the prompt payment policy for all not-for-profit contract agencies. (Co. Exec.) WAYS & MEANS
Type II Action 6 NYCRR 617.5(c) (20)(27)	1342.	Adopting Local Law No. -2012, A Local Law to amend advertising in the County Tax Map Album and set advertising rates. (Co. Exec.) WAYS & MEANS
Type II Action 6 NYCRR 617.5(c) (15)(20)(27)	1343.	Authorizing use of Indian Island County Park by Birthright of Peconic, Inc., for a fundraising walkathon. (Romaine) PARKS & RECREATION
Type II Action 6 NYCRR 617.5(c) (20)(27)	1344.	To reappoint Ronan Mulvey as a member of the Suffolk County Citizens Advisory Board for the Arts. (Muratore) ECONOMIC DEVELOPMENT AND ENERGY
Type II Action 6 NYCRR 617.5(c) (20)(27)	1345.	Authorizing license and setting rates for Hampton Jitney, Inc. (Pres. Off.) PUBLIC WORKS AND TRANSPORTATION
Type II Action 6 NYCRR 617.5(c) (20)(27)	1346.	Establishing a policy to govern the use of non-County personnel in rating proposed land acquisitions. (D'Amaro) ENVIRONMENT, PLANNING AND AGRICULTURE
Type II Action 6 NYCRR 617.5(c) (20)(27)	1347.	Authorizing the County Clerk to file an application for additional State Mortgage Tax reimbursement. (Pres. Off.) WAYS & MEANS
Type II Action 6 NYCRR 617.5(c) (20)(25)(27)	1348.	Amending the 2012 Capital Budget and Program and appropriating funds in connection with the Optical Disk Imaging System (CP 1751). (Pres. Off.) WAYS & MEANS
Type II Action 6 NYCRR 617.5(c) (20)(27)	1349.	Designating individual agents of the Suffolk County Society for the Prevention of Cruelty to Animals as Volunteers of the County of Suffolk for the purposes of providing reasonable indemnification. (Spencer) GOVERNMENT OPERATIONS, PERSONNEL, HOUSING & CONSUMER PROTECTION

Type II Action 6 NYCRR 617.5(c) (15)(20)(27) 1350. Authorizing use of Smith Point County Park and Smith Point Marina by Great South Bay Racing, Inc. (Browning) PARKS & RECREATION

Type II Action 6 NYCRR 617.5(c) (20)(27) 1351. Authorizing cultural funding for 2012. (Co. Exec.) ECONOMIC DEVELOPMENT AND ENERGY

Type II Action 6 NYCRR 617.5(c) (20)(27) 1352. Confirming appointment of County Commissioner of Information Technology (Donald C. Rodgers). (Co. Exec.) EDUCATION AND INFORMATION TECHNOLOGY

Type II Action 6 NYCRR 617.5(c) (20)(27) 1353. Confirming the appointment of the Suffolk County Commissioner of Economic Development and Planning (Joanne Minieri). (Co. Exec.) ECONOMIC DEVELOPMENT AND ENERGY

Type II Action 6 NYCRR 617.5(c) (18)(20)(21)(27) 1354. Authorizing the submission of a Brownfield Opportunity Area Grant Application to the New York State Department of State by the Suffolk County Department of Economic Development and Planning. (Co. Exec.) **ADOPTED WITH C/N ON 3/27/2012**

Type II Action 6 NYCRR 617.5(c) (20)(21)(27) 1355. Adopting Local Law No. -2012, A Charter Law to implement one-year Rolling Debt Policy under 5-25-5 Law to mitigate budgetary shortfall. (Co. Exec.) BUDGET AND FINANCE

Type II Action 6 NYCRR 617.5(c) (20)(21)(27) 1356. Adopting Local Law No. -2012, A Charter Law to implement two-year Rolling Debt Policy under 5-25-5 Law to mitigate budgetary shortfall. (Co. Exec.) BUDGET AND FINANCE

Type II Action 6 NYCRR 617.5(c) (20)(27) 1357. Adopting Local Law No. -2012, A Local Law to strengthen the Affordable Housing Transfer Program for homeowners displaced by a natural disaster. (Romaine) GOVERNMENT OPERATIONS, PERSONNEL, HOUSING & CONSUMER PROTECTION

Type II Action 6 NYCRR 617.5(c) (20)(27) 1358. Authorizing the issuance of a certificate of abandonment of the interest of the County of Suffolk in property designated as Incorporated Village of Greenport (SCTM No. 1001-005.00-04.00-018.000) pursuant to Section 40-D of the Suffolk County Tax Act. (Co. Exec.) WAYS & MEANS

Type II Action 6 NYCRR 617.5(c) (20)(21)(27) 1359. Directing the Department of Economic Development and Planning to strengthen the Land Preservation Program and maximize environmental protection. (Hahn) ENVIRONMENT, PLANNING AND AGRICULTURE

PROCEDURAL MOTION

Type II Action 6 NYCRR 617.5(c) (20)(27) PM.07 To set a public hearing regarding the authorization of a license and the setting of rates for Hampton Jitney, Inc. (Pres. Off.) **ADOPTED ON 3/27/2012**

HOME RULES

Type II Action 6 NYCRR 617.5(c) (20)(27) HR.10 Requesting New York Legislature to amend the General Municipal Law, the Vehicle and Traffic Law and the Criminal Procedure Law, in relation to establishing a Traffic and Parking Violations Agency in the County of Suffolk (Assembly Bill A.09539-A and Senate Bill S.5634-C). (Calarco) **ADOPTED ON 3/27/2012**

COUNTY OF SUFFOLK

STEVEN BELLONE
SUFFOLK COUNTY EXECUTIVE

DEPARTMENT OF PLANNING

SARAH LANSDALE, A.I.C.P.
DIRECTOR OF PLANNING

January 4, 2012

Mr. Lawrence Swanson, Chairperson
Council on Environmental Quality
H. Lee Dennison Building - 4th Floor
100 Veterans Memorial Highway
Hauppauge, New York 11788

Dear Mr. Swanson:

Attached for your review and consideration is an Introductory Resolution authorizing the acquisition of land for open space preservation purposes known as Beaverdam Creek County Wetlands Addition – The Mallins & Estate of Entenmann Property, in the Town of Brookhaven. Please review the proposal and forward the Council's SEQRA recommendation to the County Executive and Legislature. Attached is a short EAF for your consideration.

Sincerely,

Sarah Lansdale
Director

cc: Lauretta R. Fischer, Chief Environmental Analyst
Michael Mulé, Environmental Projects Coordinator
Kathryn Magee, Environmental Planner

Project ID:

SUFFOLK COUNTY
SHORT ENVIRONMENTAL ASSESSMENT FORM

For UNLISTED ACTIONS Only
6 NYCRR Part 617.20
STATE ENVIRONMENTAL QUALITY REVIEW

Part I-PROJECT INFORMATION (to be completed by Applicant or Project Sponsor)

1. APPLICANT /SPONSOR **Suffolk County Planning Department**	2. PROJECT NAME **Acquisition of property by Suffolk County for park purposes - Beaverdam Creek County Wetlands Additions- The Mallins & Estate of Entenmann Property**
3. PROJECT LOCATION Municipality **Hamlet of Brookhaven, Town of Brookhaven**	County **Suffolk**

4. PRECISE LOCATION (Street address and road intersections, prominent landmarks, etc., or provide map)
South of Sunrise Highway (S.R. 27), north of Montauk Highway (C.R. 80), on the east side of Westminster Ave. SCTM# 0200-974.00-02.00-011.000.

5. IS PROPOSED ACTION:
☒ New ☐ Expansion ☐ Modification /alteration

6. DESCRIBE PROJECT BRIEFLY:
Acquisition of land under the New Suffolk County Drinking Water Protection Program, (effective December 1, 2007) C12-2(A)(1)(b)&(d) - lands within the watershed of the coastal stream, as determined by a reasonable planning or hydrological study; lands determined by the County Department of Planning to be necessary for maintaining the quality of surface and/or groundwater in Suffolk County

7. AMOUNT OF LAND AFFECTED:
Initially **8.3 +/-** acres Ultimately **8.3+/-** acres

8. WILL PROPOSED ACTION COMPLY WITH EXISTING ZONING OR OTHER LAND USE RESTRICTIONS?
☒ Yes ☐ No If No, describe briefly

9. WHAT IS PRESENT LAND US IN VICINITY OF PROJECT?
☒ Residential ☒ Industrial ☒ Commercial ☐ Agriculture ☒ Park/Forest/Open Space ☒ Other
Describe: **Vehicle storage, cemetery, greenhouse supplies warehouse**

10. DOES ACTION INVOLVE A PERMIT APPROVAL, OR FUNDING, NOW OR ULTIMATELY FROM ANY OTHER GOVERNMENTAL AGENCY (FEDERAL, STATE OR LOCAL)?
☐ Yes ☒ No If yes, list agency(s) and permit/approvals

11. DOES ANY ASPECT OF THE ACTION HAVE A CURRENTLY VALID PERMIT OR APPROVAL?
☐ Yes ☒ No If yes, list agency name and permit/approval

12. AS A RESULT OF PROPOSED ACTION WILL EXISTING PERMIT/APPROVAL REQUIRE MODIFICATION?
☐ Yes ☒ No

I CERTIFY THAT THE INFORMATION PROVIDED ABOVE IS TRUE TO THE BEST OF MY KNOWLEDGE

Applicant/sponsor Name: **Suffolk County Planning Dept./Lauretta R. Fischer, Chief Environmental Analyst** Date: **January 4, 2012**

Signature:

If the action is in the Coastal Area, and you are a state agency, complete the Coastal Assessment Form before proceeding with this assessment

Continue to Part II

PART II - ENVIRONMENTAL ASSESSMENT (To be completed by Agency)

A. DOES ACTION EXCEED ANY TYPE I THRESHOLD IN 6 NYCRR, PART 617.12? If yes, coordinate the review process and use the FULL EAF.

☐ yes ☒ No Comment:

B. WILL ACTION RECEIVE COORDINATED REVIEW AS PROVIDED FOR UNLISTED ACTIONS IN 6 NYCRR, PART 617.6? If No, a negative declaration may be superseded by another involved agency.

☐ yes ☒ No

C. COULD ACTION RESULT IN ANY ADVERSE EFFECTS ASSOCIATED WITH THE FOLLOWING: (Answers may be handwritten, if legible)

C1. Existing air quality, surface or groundwater quality or quantity, noise levels, existing traffic patterns, solid waste production or disposal, potential or erosion, drainage or flooding problems?
Explain briefly: **No**

C2. Aesthetic, agricultural, archaeological, historic, or other natural or cultural resources; or community or neighborhood character?
Explain briefly: **No**

C3. Vegetation or fauna, fish, shellfish or wildlife species, significant habitats, or threatened or endangered species?
Explain briefly: **No - Property is to be designated County Parkland and remain in its natural state for passive use and habitat management purposes.**

C4. A community's existing plans or goals as officially adopted, or a change in use or intensity of use of land or other natural resources?
Explain briefly: **No**

C5. Growth, subsequent development, or related activities likely to be induced by the proposed action?
Explain briefly: **No**

C6. Long term, short term, cumulative, or other effects not identified in C1-C5?
Explain briefly: **No**

C7. Other impacts (including changes in use of either quantity or type of energy)?
Explain briefly: **No**

D. WILL THE PROJECT HAVE AN IMPACT ON THE ENVIRONMENTAL CHARACTERISTICS THAT CAUSED THE ESTABLISHMENT OF A CEA?

☐ yes ☒ No If Yes, explain briefly:

E. IS THERE, OR IS THERE LIKELY TO BE, CONTROVERSY RELATED TO POTENTIAL ADVERSE ENVIRONMENTAL IMPACTS?

☐ yes ☒ No If Yes, explain briefly:

PART III - DETERMINATION OF SIGNIFICANCE (To be completed by Agency)

INSTRUCTIONS: For each adverse effect identified above, determine whether it is substantial, large, important or otherwise significant. Each effect should be assessed in connection with its (a) setting (i.e. urban or rural); (b) probability of occurring; (c) duration; (d) irreversibility; (e) geographic scope; and (f) magnitude. If necessary, add attachments or reference supporting materials. Ensure that explanations contain sufficient detail to show that all relevant adverse impacts have been identified and adequately addressed.

☐ Check this box if you have identified one or more potentially large or significant adverse impacts which **MAY** occur. Then proceed directly to the **FULL EAF** and/or prepare a 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 **AND** provide on attachments as necessary, the reasons supporting this determination:

Suffolk County Legislature
Name of Lead Agency

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)

January 4, 2012
Date

Intro. Res. No. – 2012 Laid on Table
Introduced by the Presiding Officer, on request of the County Executive

RESOLUTION NO. - 2012 AUTHORIZING THE ACQUISITION OF LAND UNDER THE NEW SUFFOLK COUNTY DRINKING WATER PROTECTION PROGRAM (EFFECTIVE DECEMBER 1, 2007) – OPEN SPACE COMPONENT - FOR THE MALLINS & ESTATE OF ENTENMANN PROPERTY – BEAVERDAM CREEK (TOWN OF BROOKHAVEN - SCTM#0200-974.00-02.00-011.000)

WHEREAS, Local Law No. 24-2007, "A Charter Law Extending and Accelerating the Suffolk County ¼% Drinking Water Protection Program for Environmental Protection," Section C12-2(A)(1) authorized the use of 31.10 percent of sales and compensating tax proceeds generated each year for environmental protection, as determined by duly enacted Resolutions of the County of Suffolk; and

WHEREAS, adequate funding is provided for, pursuant to Section C12-2(A)(1) of the SUFFOLK COUNTY CHARTER, from 31.10 percent of the sales and compensating tax proceeds, for the acquisition of such land; and

WHEREAS, Resolution No. 1002-2007, authorized planning steps for the acquisition of said property; and

WHEREAS, the Environmental Trust Review Board has reviewed the appraisals and the report of the Internal Appraisal Review Board and has approved the purchase price and authorized the Director of Real Property Acquisition and Management to negotiate the acquisition; and

WHEREAS, based upon the Environmental Trust Review Board approved value, an offer to acquire the subject property was made to and accepted by the owner of said property; and

WHEREAS, contracts to acquire said property were prepared by the office of the County Attorney, executed by the owner of the subject property and the Director of Real Property Acquisition and Management and approved as to legality by the Office of the County Attorney; now, therefore, be it

1st **RESOLVED**, that the County of Suffolk hereby approves the acquisition of the subject property set forth below under the New Suffolk County Drinking Water Protection Program, effective as of December 1, 2007, Open Space component, for a total purchase price of , at per acre, for 8.3± acres, subject to a final survey; and hereby authorizes additional expenses, which shall include, but not be limited to, the cost of surveys, appraisals, environmental audits, title reports and insurance, and tax adjustments:

PARCEL:	SUFFOLK COUNTY TAX MAP NUMBER:		ACRES:	REPUTED OWNER AND ADDRESS:
No. 1	District	0200	8.3±	William Mallins and Robert D. Rosenthal and James E. Padden, as Co-Executor's of the Estate of William Entenmann c/o Edward Flower, Esq. 24 East Main Street Bayshore, NY 11706
	Section	974.00		
	Block	02.00		
	Lot	011.000		

; and, be it further

2nd **RESOLVED,** that the Director of the Division of Real Property Acquisition and Management and/or her designee, is hereby authorized, empowered, and directed, pursuant to Section C42-3(C)(3) of the SUFFOLK COUNTY CHARTER, to acquire the parcel(s) listed herein above from the reputed owner, the funding for which shall be provided under the New Suffolk County Drinking Water Protection Program, effective December 1, 2007, Open Space component, Section C12-2(A)(1) of the SUFFOLK COUNTY CHARTER, for the County's purchase price of [illegible] per acre, for 8.3± acres, subject to a final survey; and, be it further

3rd **RESOLVED**, that the County Comptroller and County Treasurer are hereby authorized to reserve and to pay [illegible] subject to a final survey, from previously appropriated funds in capital project 525-8712.210 for the New Suffolk County Drinking Water Protection Program, effective as of December 1, 2007, Open Space component, Section C12-2(A)(1) of the SUFFOLK COUNTY CHARTER, for this acquisition; and, be it further

4th **RESOLVED**, that the Director of the Division of Real Property Acquisition and Management and/or her designee; the County Planning Department; and the County Department of Public Works are hereby authorized, empowered, and directed to take such actions and to pay such additional expenses as may be necessary and appropriate to consummate such acquisition, including, but not limited to, securing appraisals, title insurance and title reports, obtaining surveys, engineering reports and environmental audits, making tax adjustments and executing such other documents as are required to acquire such County interest in said lands; and, be it further

5th **RESOLVED,** that pursuant to Section C12-2(A)(2)(c), this property is not to be developed and Workforce Housing Development Rights shall be removed and placed in the Suffolk County Workforce Housing Transfer of Development Rights Program registry pursuant to the Workforce Housing Development Rights Program as developed by the Department of Planning, consistent with Resolution No. 412-2005, as amended, and approved by the Suffolk County Executive and the Suffolk County Legislature; and, be it further

6th **RESOLVED,** that the acquisition of such parcel(s) meets the following criteria as required under Section C12-2(A)(1) of the SUFFOLK COUNTY CHARTER:

b.) lands within the watershed of the coastal stream, as determined by a reasonable planning or hydrological study;
d.) lands determined by the County Department of Planning to

be necessary for maintaining the quality of surface and/or groundwater in Suffolk County; and, be it further

7th **RESOLVED,** that the subject parcel(s) shall be transferred to the County Department of Parks, Recreation and Conservation for passive recreational use; and, be it further

8th **RESOLVED,** that the above activity is an unlisted action pursuant to the provisions of Title 6 NYCRR, Part 617; and, be it further

9th **RESOLVED,** that the project will not have a significant effect on the environment for the following reasons:

1.) the proposed action will not exceed any of the criteria of 6 NYCRR, Section 617.7, which sets forth thresholds for determining significant effect on the environment, as demonstrated in the Environmental Assessment Form; and

2.) the proposed use of the subject parcel(s) is passive recreation; and

3.) if not acquired, the property will most likely be developed for residential purposes; incurring far greater environmental impact than the proposed acquisition and preservation of the site would have; and, be it further

10th **RESOLVED,** that in accordance with Section 279-5(C)(4) of the SUFFOLK COUNTY CODE, the Suffolk County Council on Environmental Quality is hereby directed to prepare and circulate any appropriate notices or determinations in accordance with this resolution.

DATED:

APPROVED BY:

_____

County Executive of Suffolk County

Date of Approval:

BEAVERDAM CREEK COUNTY WETLANDS - MALLINS & ESTATE OF ENTEMANN PROPERTY

SCRPTM #: 0200 97400 0200 011000

New Suffolk County Drinking Water Protection Program, (effective December 1, 2007) C12-2(A)(1)(b)&(d) -
Lands within the watershed of the coastal stream, as determined by a reasonable planning or hydrologcial study &
Lands determined by the County Department of Planning to be necessary for maintaining the quality of surface and/or groundwater in Suffolk County
8.3 ± acres total - Hamlet of Brookhaven, Town of Brookhaven

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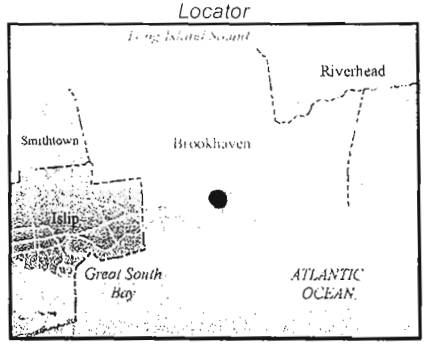
SUFFOLK COUNTY
Department of Planning

- Mallins & Estate of Entemann Property (8.3 acres)
- County Acquisition in Progress
- Town TDR in Progress (25,200 sqft)
- Suffolk County
- Town of Brookhaven
- Brookhaven Fire Dept.
- Post Morrow Foundation
- State of New York
- Town & Post Morrow Foundation
- SCRP Tax Map Base
- Planning Steps Reso # 1002-2007
- NYS Freshwater Wetlands

Locator



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Real Property Taxmap parcel linework used with permission of Suffolk County Real Property Tax Service Agency (R.P.T.S.A.). This rendering is a DRAFT MAP in that 1) the data displayed is an interagency or intra agency work* produced for the purpose of identifying and correcting data. It is not a final agency determination. It is not statistical or factual compilation of data. In some cases correct data has been left out and questionable or inaccurate data has been exaggerated to help identify errors. In short, this is a DRAFT MAP produced in an effort to aid in the correction of data and is not held out as being complete or accurate in any way.

*excerpted from (F.O.I.L.) the provisions of the Freedom of Information Law [Public Officers Law Article 6 Section 84-90] by section 87.2.g

December 22, 2011 - CD-11-04

0 1,000 2,000 3,000 4,000 Feet

1 inch = 1,000 feet

COUNTY OF SUFFOLK

STEVEN BELLONE
COUNTY EXECUTIVE

DEPARTMENT OF PLANNING

SARAH LANSDALE, A.I.C.P.
DIRECTOR OF PLANNING

MEMORANDUM

TO: Peter Belyea, Land Management Specialist

FROM: Michael P. Mulé, Environmental Projects Coordinator

DATE: January 9, 2012

SUBJECT: Phase I Environmental Site Assessment Review
Beaverdam Creek – Mallins and Entenmann Property
0200-974.00-02.00-011.000

Please be advised that I have reviewed the Phase I Environmental Site Assessment for the above referenced property transmitted by your office. The assessment prepared by Nelson, Pope & Voorhis, LLC is in compliance with the 11/25/08 Environmental Site Assessment Criteria required by the Suffolk County Department of Planning and Division of Real Estate. Based on the information within the assessment concerning the recent site survey, together with the review of existing EPA, NYSDEC and Suffolk County Department of Health Services' records in relation to toxic and hazardous waste sites, as well as the historical review of the site and its surrounding areas, it appears that the property in question does not contain toxic or hazardous substance contamination.

However, the Environmental Site Assessment found the following recognized environmental conditions associated with the subject property.

1. Historic aerials indicate that several structures formerly existed on the southern and eastern portion of the subject property. It is recommended that a site investigation be performed for the purpose of checking for evidence of the following: buried/overgrown building foundation/remnants, abandoned sanitary/septic components, abandoned groundwater supply well and an abandoned heating oil storage tank. A subsurface investigation for evidence of the above would likely include ground inspection and probing (particularly in areas of observable ground disturbance, mounds, berms, depressions, etc.), ground-penetrating radar, and possibly soil borings and samplings, in suspected areas of the subject parcel. Any subsurface structures found must be properly abandoned and/or removed pursuant to NYSDEC and/or Suffolk County Department of Health standards, as applicable.

2. There are several soil mounds of unknown origin present on the subject property. As a result it is recommended that these piles be sampled to determine if they have concentrations of potential contaminant compounds that exceed applicable regulatory guidance values.

LOCATION
H. LEE DENNISON BLDG. – 4TH FLOOR
100 VETERANS MEMORIAL HIGHWAY

MAILING ADDRESS
P.O. BOX 6100
HAUPPAUGE, NY 11788-0099

(631) 853-5191
fax (631) 853-4044

As usual, all debris present on site should be removed and properly disposed of prior to acquisition.

If the Planning Department can be of further help in this matter, please let us know.

MPM/cd
cc: Sarah Lansdale, Director of Planning
Lauretta Fischer, Chief Environmental Analyst
Pamela Greene, Director of Real Property Acquisition and Management
Janet Longo, Acquisition Supervisor
Michael Amoroso, Bureau Chief, Real Estate Condemnation Bureau

LOCATION
H. LEE DENNISON BLDG. – 4TH FLOOR
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COUNTY OF SUFFOLK

STEVEN BELLONE
COUNTY EXECUTIVE

DEPARTMENT OF PLANNING

SARAH LANSDALE, A.I.C.P.
DIRECTOR OF PLANNING

MEMORANDUM

TO: Peter Belyea, Land Management Specialist

FROM: Michael P. Mulé, Environmental Projects Coordinator

DATE: March 13, 2012

SUBJECT: Phase II Environmental Site Assessment Review
Beaverdam Creek – Mallins and Entenmann Property
0200-974.00-02.00-011.000

Please be advised that I have reviewed the Limited Phase II Environmental Site Assessment for the above referenced property transmitted by your office. The assessment prepared by Nelson, Pope & Voorhis, LLC, is in compliance with the 11/25/08 Environmental Site Assessment Criteria required by the Suffolk County Planning Department and Division of Real Estate. Based on the information within the assessment concerning the recent ground-penetrating radar survey and site sampling and analysis, it appears that the property in question does not contain toxic or hazardous substance contamination.

The Limited Phase II Environmental Site Assessment address only the specific areas of the site warranting further analysis as indicated in the Phase I ESA and can only provide conclusions regarding soil contents and quality in those specific areas tested. The following presents an evaluation of the results of this investigation.

1. The GPR survey was utilized to determine if any subsurface structures, (specifically underground storage tanks) are present on the subject property. The results of the survey did not detect the presence of any anomalies on the subject property indicative of an environmentally sensitive subsurface structure. However, an underground vault which contained a subsurface water supply well was found in the southern end of the property. It is recommended that if this well is no longer proposed to be used then it should be abandoned in accordance with all appropriate regulatory agency guidelines and protocols.

2. Five (5) mounds of soil were observed on the subject property. Each of these mounds were sampled and analyzed for the presence of volatile and semi-volatile organic compounds and metals. The analytical results did not reveal the presence of any analyzed constituents that exceeded their respective NYSDEC Part 375 Soil Cleanup Objectives for commercial (including passive recreation) use. As a result no further action is recommended.

LOCATION
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100 VETERANS MEMORIAL HIGHWAY

MAILING ADDRESS
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fax (631) 853-4044

As usual, all debris present on site should be removed and properly disposed of prior to acquisition.

If the Planning Department can be of further help in this matter, please let us know.

MPM/cd
cc: Sarah Lansdale, Director of Planning
Lauretta Fischer, Chief Environmental Analyst
Pamela Greene, Director of Real Property Acquisition and Management
Janet Longo, Acquisition Supervisor
Robert Braun, Bureau Chief, Real Estate Condemnation Bureau

LOCATION
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NEW YORK STATE
DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

ENB - Region 1 Notices 12/30/2009

Negative Declaration

Suffolk County - The Long Island Power Authority (LIPA), as lead agency, has determined that the proposed enXco Eastern Long Island Solar Project will not have a significant environmental impact. The project involves the construction and operation of up to 17 megawatts of solar photovoltaic (PV) carports within existing parking lots owned by Suffolk County as well as the installation of short distribution lines from the PV sites to connect to the LIPA electrical system. The seven Suffolk County owned properties where carports with solar PVs would be installed include: (1) Riverhead Complex, 200-210 Center Drive, Town of Southampton; (2) H. Lee Dennison Complex, 100 Veterans Memorial Highway, Town of Islip; (3) Cohalan Court Complex, 400 Carleton Avenue, Town of Islip; (4) Brentwood Long Island Railroad Station, Brentwood Road and Suffolk Avenue, Town of Islip; (5) Ronkonkoma Long Island Railroad Station, Smithtown Avenue and Railroad Avenue, Town of Islip; (6) Deer Park Long Island Railroad Station, Grant Avenue and Long Island Avenue, Town of Islip; and (7) North County Complex, 725 Veterans Memorial Highway, Town of Smithtown, all in New York.

Contact: Michael Deering, Long Island Power Authority, 333 Earle Ovington Boulevard, Suite 403, Uniondale, NY 11553, Phone: (516) 719-9811.

Suffolk County - The Long Island Power Authority (LIPA), as lead agency, has determined that the proposed BP Long Island Solar Farm Project will not have a significant environmental impact. The project involves the construction and operation of an approximately 32 megawatt solar photovoltaic (PV) project on the grounds of the United States Department of Energy's Brookhaven National Laboratory in Upton, New York. The project also involves the installation of a short transmission line between the solar PVs and an existing LIPA substation, minor modifications to that substation, and the establishment of a Natural Resources Benefit program.

Contact: Michael Deering, Long Island Power Authority, 333 Earle Ovington Blvd., Suite 403, Uniondale, NY 11553, Phone: (516) 719-9811.

Suffolk County - The Planning Board of the Town of Southampton, as lead agency, has

FILE - LIPA

LIPA
Long Island Power Authority

333 Earle Ovington Boulevard
Suite 403
Uniondale, NY 11553
(516) 222-7700 Fax (516) 222-9137
http://www.lipower.org

May 15, 2009

Mr. Thomas A. Isles, Director
Suffolk County Department of Planning
H. Lee Dennison Building- 4th Floor
100 Veterans Memorial Highway, P.O. Box 6100
Hauppauge, NY 11788-0099

Re: enXco Solar PV Project

Dear Mr. Isles:

The Long Island Power Authority ("LIPA") is proposing to serve as lead agency under the New York State Environmental Quality Review Act in connection with the proposed construction and operation by enXco of an approximately 13.1 to 20 megawatt ("MW") solar photovoltaic ("PV") project, which will involve the installation and operation of solar PV equipment on existing building rooftops and/or on newly installed carports within existing parking lot areas at various commercial, industrial and institutional sites throughout Nassau and Suffolk Counties. Power from this project would then be sold to LIPA for use in the LIPA service area, and would help LIPA to meet Long Island's energy needs and New York State's renewable energy goals. Part 1 of the Environmental Assessment Form for this action is enclosed to provide additional information. Please note that a list of proposed sites is provided in Attachment 1, and a list of alternate sites that may serve as a substitute is provided in Attachment 2.

Your agency has been identified as a potentially involved or interested agency for the review and approval of this proposal. If your agency consents to LIPA's serving as lead agency, please indicate your approval by signing a copy of this letter and return it to the undersigned at the above address. If we have not heard from you to the contrary by June 15, 2009, your consent will be assumed.

Thank you for your cooperation.

THE LONG ISLAND POWER AUTHORITY

By: _____
Michael Deering
Vice President of Environmental Affairs

Enclosures

The undersigned hereby consents to LIPA's serving as lead agency for the proposed action described above.

SUFFOLK COUNTY DEPARTMENT
OF PLANNING

By: Thomas A. Isles Date: 5-26-09

6461118.2

cc: C. M. Gallagher, Commissioner
Suffolk County - Department of Environment & Energy
Division of Energy
H. Lee Dennison Building
100 Veterans Highway
Hauppauge, NY 11788

G. A. Anderson, PE, Commissioner
Suffolk County - Department of Public Works
335 Yaphank Avenue
Yaphank, NY 11980

M. Benincasa, Chief
Town of Southampton - Department of Land Management
Building & Zoning Division
116 Hampton Road
Southampton, NY 11968

Planning Division
Town of Southampton - Department of Land Management
116 Hampton Road
Southampton, NY 11968

K. Weeks, Chief
Town of Islip - Building Division
655 Main Street
Islip, NY 11751

E. Murphy, Commissioner
Town of Islip - Planning & Development
655 Main Street
Islip, NY 11751

F. DeRubeis, Director
Town of Smithtown - Dept. of Planning & Community Development
99 West Main Street, P.O. Box 9090
Smithtown, NY 11787

617.20
Appendix A
State Environmental Quality Review
FULL ENVIRONMENTAL ASSESSMENT FORM

Purpose: The full EAF is designed to help applicants and agencies determine, in an orderly manner, whether a project or action may be significant. The question of whether an action may be significant is not always easy to answer. Frequently, there are aspects of a project that are subjective or unmeasurable. It is also understood that those who determine significance may have little or no formal knowledge of the environment or may not be technically expert in environmental analysis. In addition, many who have knowledge in one particular area may not be aware of the broader concerns affecting the question of significance.

The full EAF is intended to provide a method whereby applicants and agencies can be assured that the determination process has been orderly, comprehensive in nature, yet flexible enough to allow introduction of information to fit a project or action.

Full EAF Components: The full EAF is comprised of three parts:

Part 1: Provides objective data and information about a given project and its site. By identifying basic project data, it assists a reviewer in the analysis that takes place in Parts 2 and 3.

Part 2: Focuses on identifying the range of possible impacts that may occur from a project or action. It provides guidance as to whether an impact is likely to be considered small to moderate or whether it is a potentially-large impact. The form also identifies whether an impact can be mitigated or reduced.

Part 3: If any impact in Part 2 is identified as potentially-large, then Part 3 is used to evaluate whether or not the impact is actually important.

DETERMINATION OF SIGNIFICANCE – Type 1 and Unlisted Actions

Identify the Portions of EAF completed for this project: ☒ Part 1 ☐ Part 2 ☐ Part 3

Upon review of the information recorded on this EAF (Parts 1 and 2 and 3 if appropriate), and any other supporting information, and considering both the magnitude and importance of each impact, it is reasonably determined by the lead agency that:

☐ A. The project will not result in any large and important impact(s) and, therefore, is one which **will not** have a significant impact on the environment; therefore **a negative declaration will be prepared.**

☐ B. Although the project could have a significant effect on the environment, there will not be a significant effect for this Unlisted Action because the mitigation measures described in PART 3 have been required, therefore **a CONDITIONED negative declaration will be prepared.***

☐ C. The project may result in one or more large and important impacts that may have a significant impact on the environment, therefore **a positive declaration will be prepared.**

*A Conditioned Negative Declaration is only valid for Unlisted Actions

enXco Solar PV Project
Name of Action

Long Island Power Authority
Name of Lead Agency

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)

May 15, 2009
Date

PART 1--PROJECT INFORMATION
Prepared by Project Sponsor

NOTICE: This document is designed to assist in determining whether the action proposed may have a significant effect on the environment. Please complete the entire form, Parts A through E. Answers to these questions will be considered as part of the application for approval and may be subject to further verification and public review. Provide any additional information you believe will be needed to complete Parts 2 and 3.

It is expected that completion of the full EAF will be dependent on information currently available and will not involve new studies, research or investigation. If information requiring such additional work is unavailable, so indicate and specify each instance.

Name of Action **enXco Solar PV Project**		
Location of Action (include Street Address, Municipality and County) **Various sites within Nassau and Suffolk Counties. (see Figure 1, Figure 2a through 2i, and Attachment 1)**		
Name of Applicant/Sponsor **enXco**	Business Telephone **760-740-7022**	
Address **700 La Terraza Blvd., Suite 200**		
City/PO **Escondido**	State **CA**	Zip Code **92025**
Name of Owner(if different) **Same as Above** **Contact Person: Hanson Wood, Senior Developer**	Business Telephone **760-740-7022**	
Address **Same as above**		
City/PO	State	Zip Code:
Description of Action **Proposed installation and operation of solar photovoltaic (PV) equipment on existing building rooftops and/or newly installed carports within existing parking lot areas at various sites throughout Nassau and Suffolk Counties. The proposed solar PV equipment will be capable of producing between 13.1 and 20 megawatts (MW) of solar energy for the LIPA service area to help meet Long Island's long-term energy needs and LIPA and New York State's renewable energy goals.**		

Please Complete Each Question--Indicate N.A. if not applicable

A. Site Description

Physical setting of overall project, both developed and undeveloped areas. **Solar PV equipment will be installed on existing building rooftops and/or carports at various existing commercial, industrial and institutional properties.**

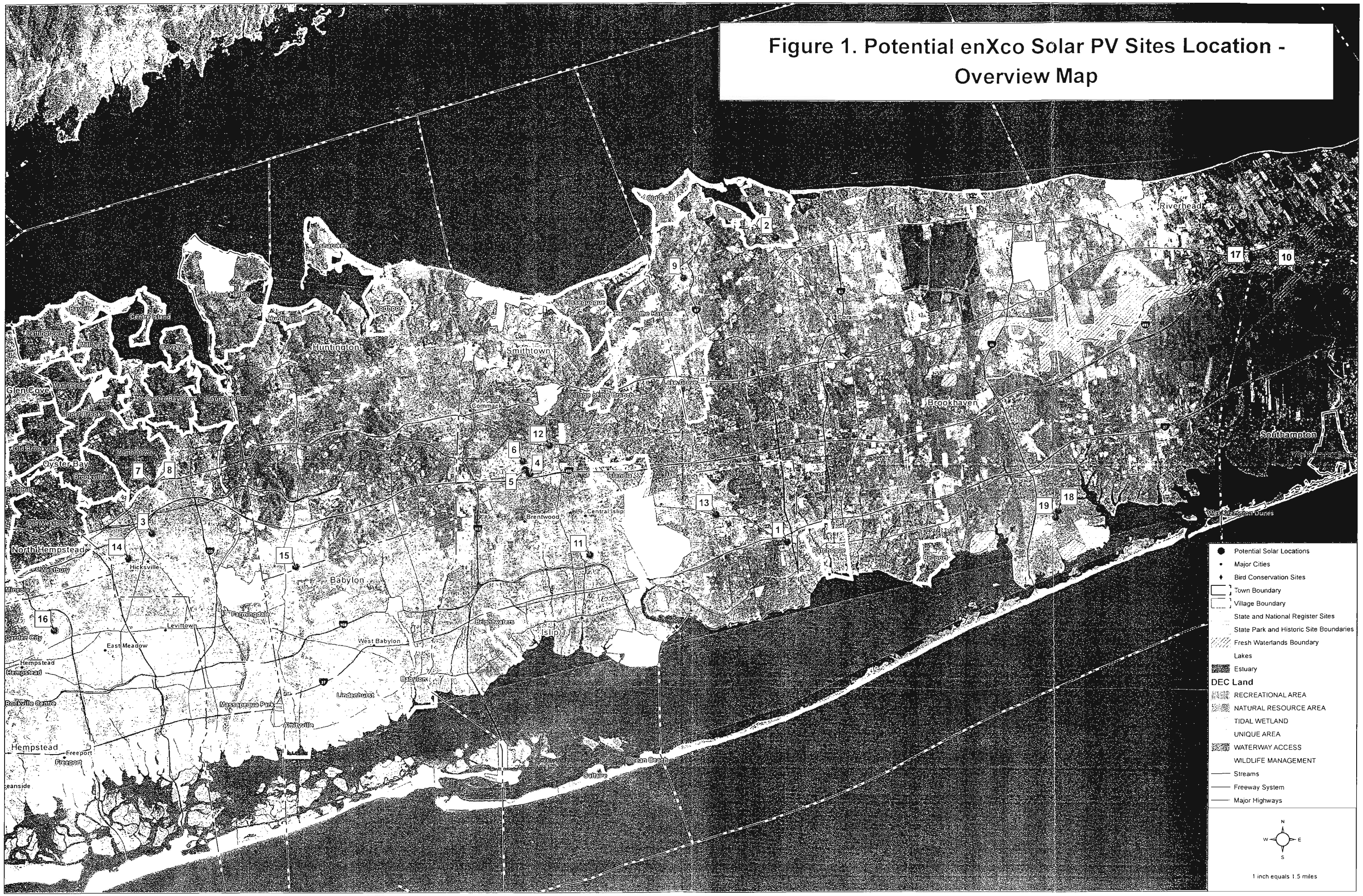
1. Present land use: ☐Urban ☒Industrial ☒Commercial ☐Residential(suburban) ☐Rural(non-farm) ☐Forest ☐Agriculture ☒Other **(Institutional)**

2. Total acreage of project area: **Proposed Solar PV installation sites are improved with commercial, industrial and institutional sites ranging in size from 5 to 40 acres.**

APPROXIMATE ACREAGE	PRESENTLY	AFTER COMPLETION
Meadow or Brushland (Non-agricultural)	_____acres	_____acres
Forested	_____acres	_____acres
Agricultural (Includes orchards, cropland, pasture, etc.)	_____acres	_____acres
Wetland(Freshwater or tidal as per Articles 24,25 of ECL)	_____acres	_____acres
Water Surface Area	_____acres	_____acres
Unvegetated (Rock, earth or fill)	_____acres	_____acres
Roads, buildings and other paved surfaces	See Note 1 acres	See Note 1 acres
Other (Indicate type)	_____acres	_____acres

Note 1. Proposed Solar PV installation sites are developed commercial, industrial and institutional sites comprising of building, parking areas and associated site landscaping

Figure 1. Potential enXco Solar PV Sites Location - Overview Map



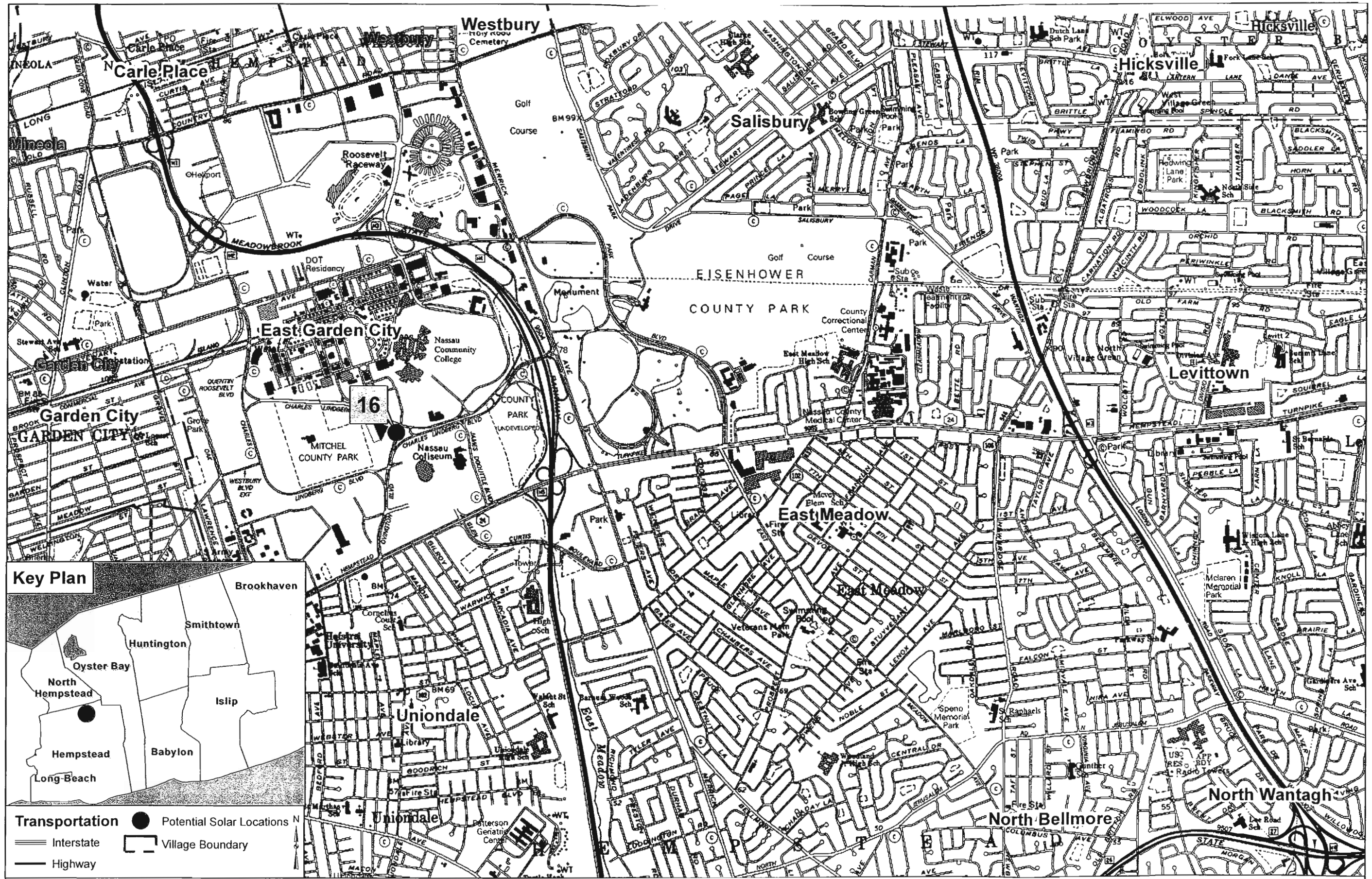


Figure 2a. Potential enXco Solar PV sites - Detailed Site Location Map - Town of Hempstead

Figure 2b. Potential enXco Solar PV sites - Detailed Site Location Map - Town of Oyster Bay

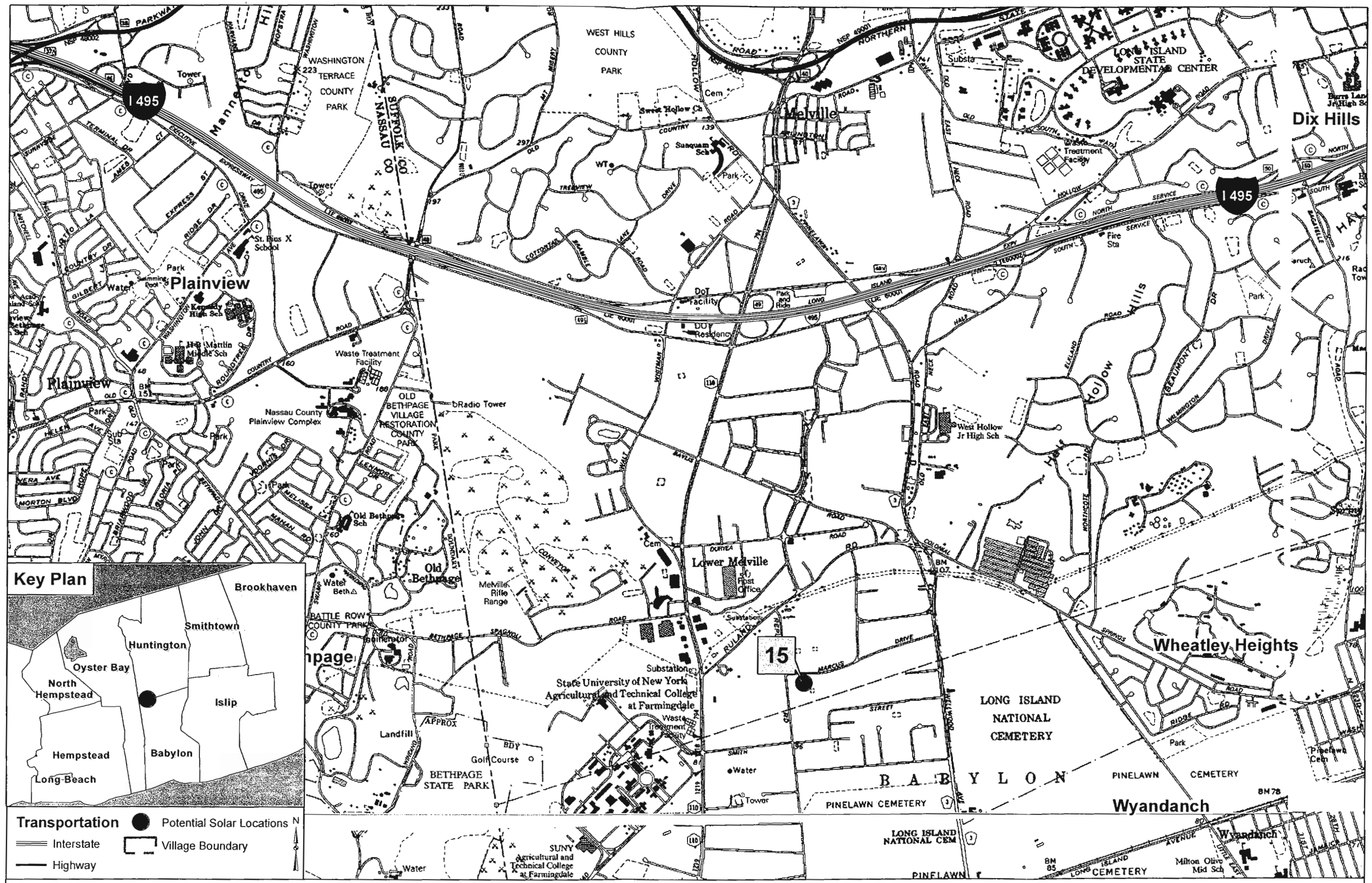


Figure 2c. Potential enXco Solar PV sites - Detailed Site Location Map - Town of Huntington

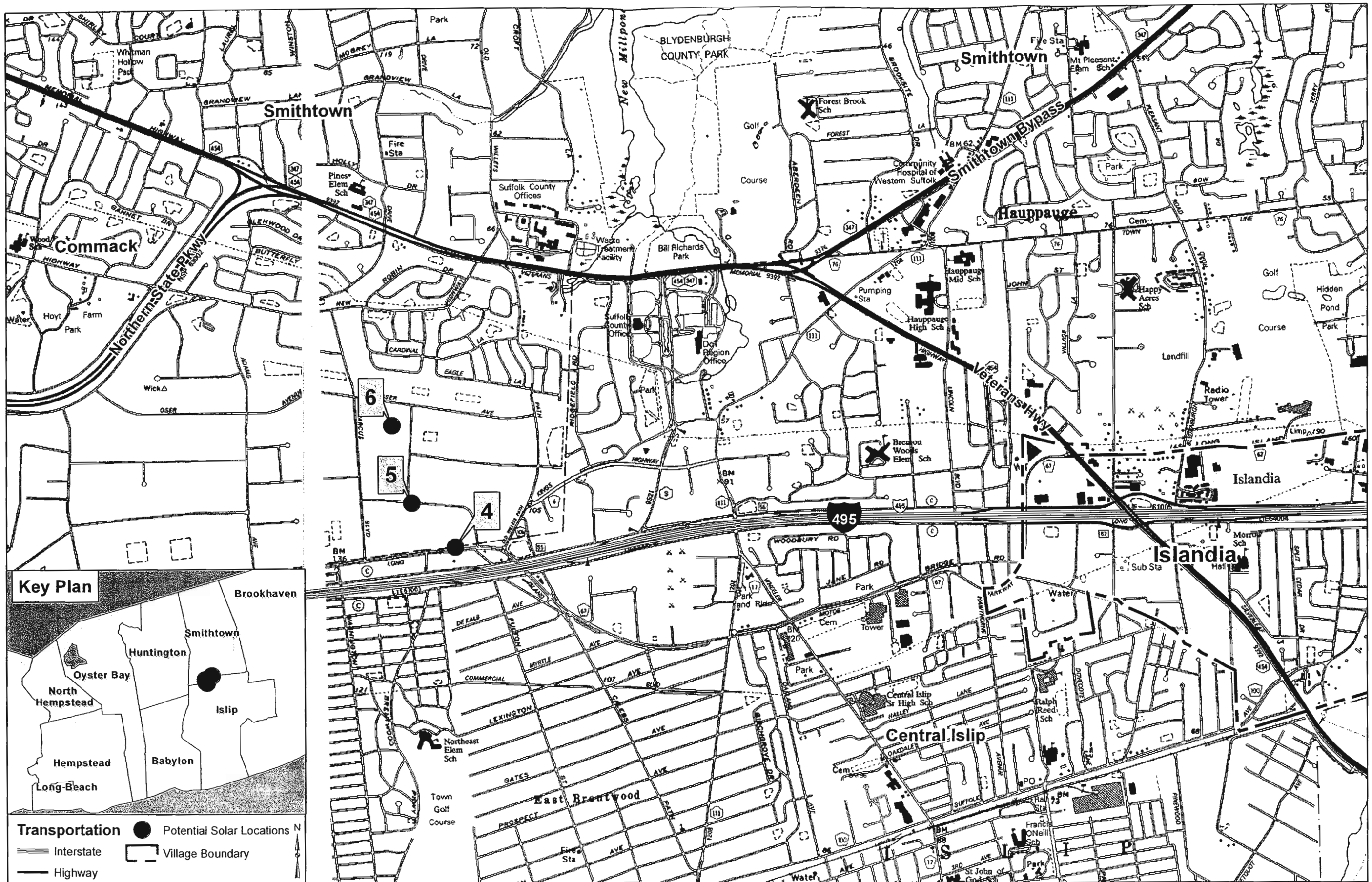


Figure 2d. Potential enXco Solar PV sites - Detailed Site Location Map - Town of Smithtown

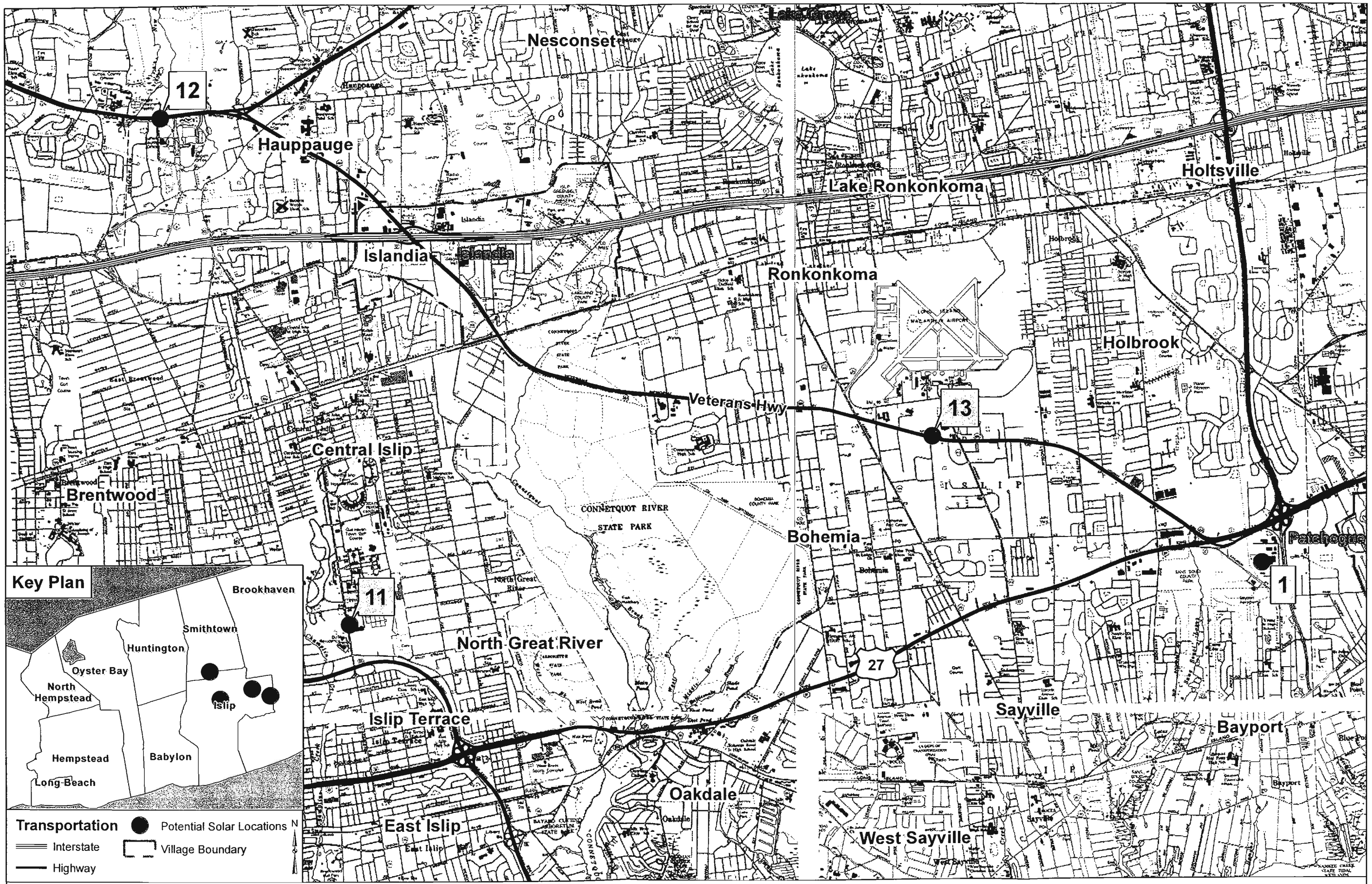


Figure 2e. Potential enXco Solar PV sites - Detailed Site Location Map - Town of Islip

Figure 2f. Potential enXco Solar PV sites - Detailed Site Location Map - Town of Brookhaven

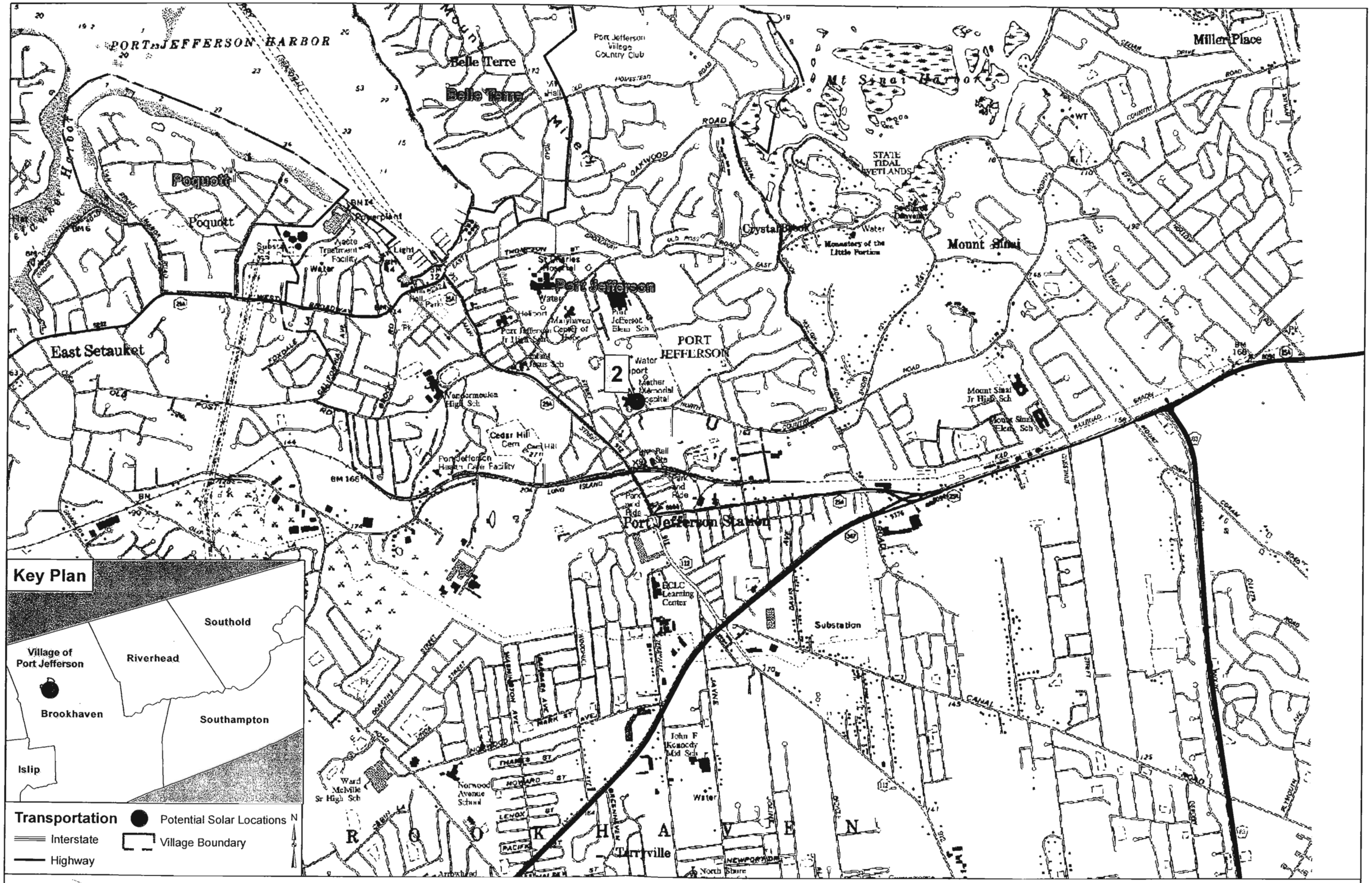


Figure 2g. Potential enXco Solar PV sites - Detailed Site Location Map - Village of Port Jefferson

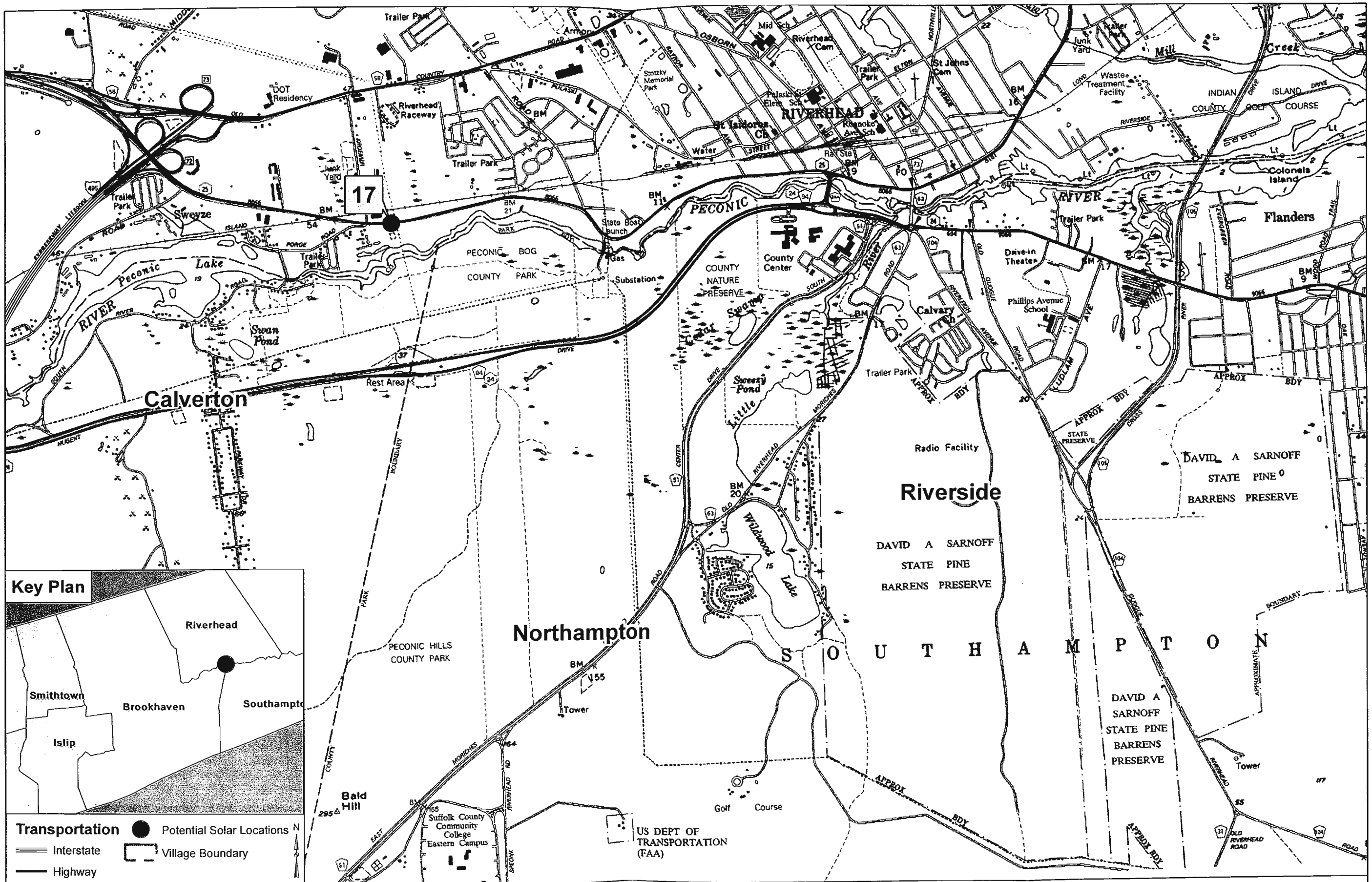


Figure 2h. Potential enXco Solar PV sites - Detailed Site Location Map - Town of Riverhead

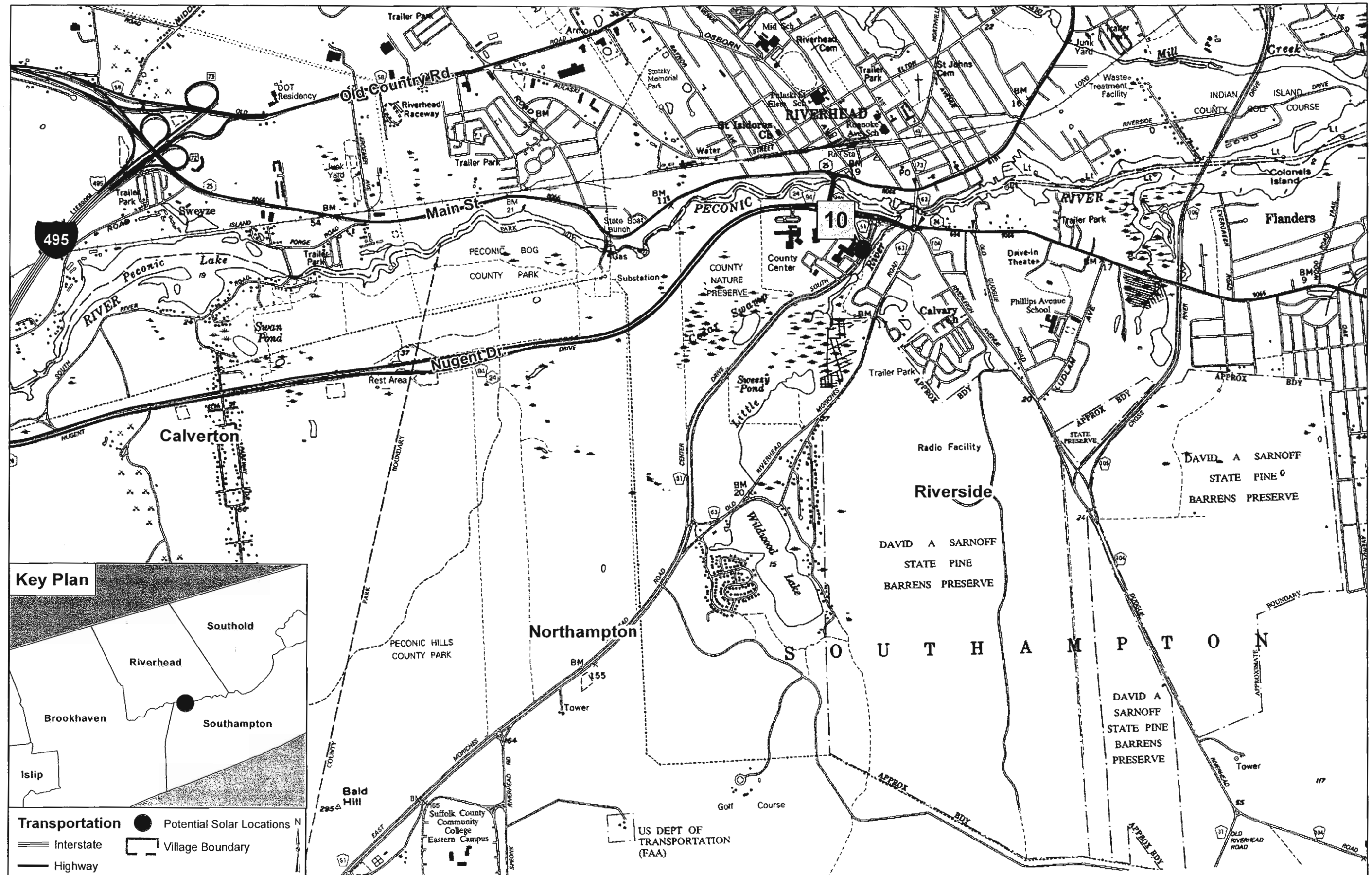


Figure 2i. Potential enXco Solar PV sites - Detailed Site Location Map - Town of Southampton

3. What is predominant soil type(s) on project site? **See Site Environmental Assessment Matrix included as Attachment 1.**

a. Soil drainage: ☒Well drained **100** %of site ☐Moderately well drained_____%of site
☐Poorly drained_____% of site

b. If any agricultural land is involved, how many acres of soil are classified within soil group 1 through 4 of the NYS Land Classification System? _____acres (See 1 NYCRR 370). **N.A.**

4. Are there bedrock outcroppings on project site? ☐Yes ☒No
a. What is depth to bedrock? **Generally greater than. 1500 feet** (in feet)

5. Approximate percentage of proposed project site with slopes: ☒0-10% **100** % ☐10-15%_____%
☐15% or greater_____%
See Site Environmental Assessment Matrix included as Attachment 1.

6. Is project substantially contiguous to, or contain a building, site, or district, listed on the State or the National Registers of Historic Places? ☐Yes ☒No **See Site Environmental Assessment Matrix included as Attachment 1.**

7. Is project substantially contiguous to a site listed on the Register of National Natural Landmarks? ☐Yes ☒No

8. What is the depth of the water table? **generally greater than 65 feet** (in feet)

9. Is site located over a primary, principal, or sole source aquifer? ☒Yes ☐No **The proposed development sites are located over the Nassau-Suffolk Aquifer System.**

10. Do hunting, fishing or shell fishing opportunities presently exist in the project area? ☐Yes ☒N

11. Does project site contain any species of plant or animal life that is identified as threatened or endangered?
☐Yes ☒No According to **Proposed solar PV installation sites are developed commercial, industrial, and institutional sites.**
Identify each species _____

12. Are there any unique or unusual land forms on the project site?(i.e., cliffs, dunes, other geological formations)
☐Yes ☒No Describe_____

13. Is the project site presently used by the community or neighborhood as an open space or recreation area?
☐Yes ☒No If yes, explain.

14. Does the present site include scenic views known to be important to the community?
☐Yes ☒No **See Site Environmental Assessment Matrix included as Attachment 1.**

15. Streams within or contiguous to project area: **See Site Environmental Assessment Matrix included as Attachment 1.**

a. Name of Stream and name of River to which it is tributary **See Site Environmental Assessment Matrix included as Attachment 1.**

16. Lakes, ponds, wetland areas within or contiguous to project area: **See Site Environmental Assessment Matrix 1.**

a. Name **N.A.** b. Size (In acres) _____ **N.A.**

17. Is the site served by existing public utilities? ☒Yes ☐No

a) If Yes, does sufficient capacity exist to allow connection? ☐Yes ☐No **N.A**

b) If Yes, will improvements be necessary to allow connection? ☐Yes ☐No **N.A.**

18. Is the site located in an agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? ☐Yes ☒No _____

19. Is the site located in or substantially contiguous to a Critical Environmental Area designated pursuant to Article 8 of the ECL, and 6 NYCRR 617? ☐Yes ☐No **See Site Environmental Assessment Matrix included as Attachment 1.**

20. Has the site ever been used for the disposal of solid or hazardous wastes? ☐Yes ☒N

B. Project Description

1. Physical dimensions and scale of project (fill in dimensions as appropriate). **The project will result in the installation of Sola PV equipment on existing building rooftops and/or newly installed carports located within existing paved parking lots a various currently developed commercial, industrial, and institutional properties. No currently undeveloped property will b disturbed as a result of the proposed action.**

   a. Total contiguous acreage owned or controlled by project sponsor _____acres. **Varying. enXco will enter into lease agreements with current property owner to allow for installation of proposed Solar PV equipment.**

   b. Project acreage to be developed: **0** acres initially; **0** acres ultimately.

   c. Project acreage to remain undeveloped **N/A** acres.

   d. Length of project, in miles: **N/A** (if appropriate).

   e. If the project is an expansion, indicate percent of expansion proposed **N/A** %

   f. Number of off-street parking spaces existing **Varies at each site**; proposed: **N/A** **Proposed carport installations are not expected to result in a loss of existing parking spaces.**

   g. Maximum vehicular trips generated per hour: **N/A** (upon completion of project).

   h. If residential, Number and type of housing units: **N.A.**

	One Family	Two Family	Multiple Family	Condominium
Initially				
Ultimately				

   i. Dimensions (in feet) of largest proposed structure _____height; _____width; _____length. **The project wil result in the installation of Solar PV equipment on existing building rooftops and/or newly installed carports locate within existing paved parking lots. Rooftop equipment is not expected to contribute more than 3 feet in the overal height of buildings. Proposed carports are expected to be less than 18 feet in height, inclusive of proposed solar P equipment.**

   j. Linear feet of frontage along a public thoroughfare project will occupy is? **N/A. The proposed Solar PV equipment wil be installed within existing building envelopes on existing commercial, industrial, or institutional sites.**

2. How much natural material (i.e., rock, earth, etc.) will be removed from the site? **N.A.** tons/cubic yards.
3. Will disturbed areas be reclaimed? ☐Yes ☐No ☒ **N/A**

   a. If yes, for what intended purpose is the site being reclaimed?
   c. Will upper subsoil be stockpiled for reclamation? ☐Yes ☐No

4. How many acres of vegetation (trees, shrubs, ground covers) will be removed from site? **None. The project will result in th installation of Solar PV equipment on existing building rooftops and/or newly installed carports located within existin paved parking lots at various existing commercial, industrial, and institutional properties. No currently undeveloped propert will be disturbed as a result of the proposed action.**

5. Will any mature forest (over 100 years old) or other locally-important vegetation be removed by this project?

   ☐Yes ☒No

6. If single phase project: Anticipated period of construction **8 to 10 months across all sites** months, (including demolition).

7. If multi-phased: **N.A.**
   a. Total number of phases anticipated _____(number).
   b. Anticipated date of commencement phase 1 _____month _____year,(including demolition).
   c. Approximate completion date of final phase _____month _____year.
   d. Is phase 1 functionally dependent on subsequent phases? ☐Yes ☐No

8. Will blasting occur during construction? ☐Yes

9. Number of jobs generated: during construction? **Approx. 150 total jobs during peak construction**; after project is complete? **1 to 2 across all sites.**.

10. Number of jobs eliminated by this project? **0**.

11. Will project require relocation of any projects or facilities? ☐Yes ☒No If yes, explain _____

12. Is surface liquid waste disposal involved? ☐Yes ☒No
    a. If yes, indicate type of waste (sewage, industrial, etc.) and amount. _____
    b. Name of water body into which effluent will be discharged: _____

13. Is subsurface liquid waste disposal involved? ☐Yes ☒No Type_____

14. Will surface area of an existing water body increase or decrease by proposal? ☐Yes ☒No
Explain _____

15. Is project, or any portion of project, located in a 100 year flood plain? ☐Yes ☒No _____

16. Will the project generate solid waste? ☐Yes ☒No

a. If yes, what is the amount per month? N.A. tons.
b. If yes, will an existing solid waste facility be used? ☐Yes ☐No N.A.
c. If yes, give name: N.A. ; location N.A.
d. Will any wastes **not** go into a sewage disposal system or into a sanitary landfill? ☐Yes ☒No

e. If Yes, explain

17. Will the project involve the disposal of solid waste? ☐Yes ☒No

a. If yes, what is the anticipated rate of disposal? _____ tons/month.
b. If yes, what is the anticipated site life? _____ years.

18. Will project use herbicides or pesticides? ☐Yes ☒No

19. Will project routinely produce odors (more than one hour per day)? ☐Yes ☒No

20. Will project produce operating noise exceeding the local ambient noise levels? ☐Yes [

21. Will project result in an increase in energy use? ☐Yes ☒No
If yes, indicate type(s) **As a renewable energy generation Project, operation may result in a reduction in the use of fossil fuels (oil and natural gas) by Long Island's existing, non-renewable electric generation sources.**

22. If water supply is from wells, indicate pumping capacity N.A. gallons/minute.

23. Total anticipated water usage per day 0 gallons/day.

24. Does project involve Local, State or Federal funding? ☐Yes ☒No
If yes, explain _____

25. **Approvals Required: See Site Environmental Assessment Matrix provided as Attachment 1 of this EAF for identification of anticipated local land development approvals required for the project at each development site.**

			Type	Submittal Date
City, Town, Village Board	☒Yes	☐No	See attached Site Matrix	
City, Town, Village Planning Board		☒Yes	☐No	See attached Site Matrix
City, Town Zoning Board	☐Yes	☒No	See attached Site Matrix	
City, County Health Department	☐Yes	☐No		
Other Local Agencies	☒Yes	☐No	Building Permit (State or local) See attached Site Matrix	
Other Regional Agencies	☒Yes	☐No	Nassau and Suffolk Counties Planning Commissions Advisory Recommendations	
State Agencies	☒Yes	☐No	LIPA Power Purchase Agreement	
Federal Agencies	☐Yes	☒No		

C. ZONING and PLANNING INFORMATION

1. Does proposed action involve a planning or zoning decision? ☒Yes ☐No **Installation of the proposed Solar PV equipment at certain sites will require site plan approval. See Site Environmental Assessment Matrix provided as Attachment 1 of this EAF for identification of anticipated local land development approvals required for the project for each site.**

   If Yes, indicate decision required:

   ☐zoning amendment ☐zoning variance ☐special use permit ☐subdivision ☒site plan
   ☐new/revision of master plan ☐resource management plan ☐other_____

2. What is the zoning classification(s) of the site? **See Site Environmental Assessment Matrix provided as Attachment 1**

3. What is the maximum potential development of the site if developed as permitted by the present zoning?
   N/A. The project will result in the installation of Solar PV equipment on existing building rooftops and/or newly installed carports located within existing paved parking lots at various existing commercial, industrial, and institutional properties. No currently undeveloped property will be disturbed as a result of the proposed action.

4. What is the proposed zoning of the site? **Same as existing**

5. What is the maximum potential development of the site if developed as permitted by the proposed zoning?
   See # 3 above.

6. Is the proposed action consistent with the recommended uses in adopted local land use plans? ☒ Yes ☐No

7. What are the predominant land use(s) and zoning classifications within a 1/4 mile radius of proposed action?
   See Site Environmental Assessment Matrix provided as Attachment 1

8. Is the proposed action compatible with adjoining/surrounding land uses within a 1/4 mile? ☒Yes ☐No **The proposed solar PV installations will not change existing land uses at the various development sites.**

9. If the proposed action is the subdivision of land, how many lots are proposed? **N.A.**

   a. What is the minimum lot size proposed? **N.A.**

10. Will proposed action require any authorization(s) for the formation of sewer or water districts? ☐Yes ☒No

11. Will the proposed action create a demand for any community provided services (recreation, education, police, fire protection)? ☐Yes ☐No

    a. If yes, is existing capacity sufficient to handle projected demand? ☐Yes ☐No

12. Will the proposed action result in the generation of traffic significantly above present levels? ☐Yes ☒No
    If yes, is the existing road network adequate to handle the additional traffic? ☒Yes ☐No

D. Informational Details

Attach any additional information as may be needed to clarify your project. If there are, or may be, any adverse impacts associated with your proposal, please discuss such impacts and the measures which you propose to mitigate or avoid them.

Additional sites considered by enXco for the installation of the planned Solar PV equipment, but not currently proposed for development are identified in Attachment 2 of this EAF. Should refinement of the proposed development program determine that a site currently listed in Attachment 1 not be suitable for installation of the planned Solar PV equipment, the sites identified in Attachment 2 may serve as a substitute development sites.

Upon final selection of the proposed Solar PV development sites, detailed environmental analyses will be conducted to assess potential site-specific impacts of the planned Solar PV installations. These detailed analyses will be presented in a final EAF submitted to LIPA.

E. Verification

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

Applicant/Sponsor Name **Hanson Wood** Date **May 13, 2009**

Signature _____ Title **Senior Developer, EnXco**

If the action is in the Coastal Area, and you are a state agency, complete the Coastal Assessment Form before proceeding with this assessment

enXco Solar PV Project
Site List

Attachment 1 - Site Environmental Assessment Matrix

Site ID	Site Name	Site Address	Hamlet	Town	County	Type of Site (Roof or Carport)	Maximum Project Size (AC MW)	Point of LIPA Interconnection 13.8kV	OH	Buried	Site Acreage	Site Soils	Percent of Site Slopes	Site Land or Adjacent to Historic or National Register Properties	Site Land or Adjacent to National Natural Landmarks	Site Under or Adjacent Land Form on Site	Site Topography Steep Terrain	Site Within or Adjacent to Significant Ridgelines	Lakes, Ponds or Wetlands Contiguous to Site Area	Site Located in or Contiguous to CEA	Site Within Fully Developed Area (Minimum of 200 Hazardous Waste Sites)	Site Current Land Use	Site Zoning	Properties Adjacent Land Use	Properties Adjacent Land Zoning	Conflicts With Comprehensive Plan	Project Consistent with Adopted Land Use Plan	Required Permits					
																												Site Plan	LWRP Permit	Amusement Use	Special Use	Building	Accessory Use
1	Blackman Plumbing	900 Sylvan Avenue	Bayport		Islip	Suffolk	Roof	1.25	13.8	X		21.36	PIA, CuB, RdA	0-10%	No	No	No	No	No	No	No	No	Industrial	IND1 - Manufacturing, Wholesaling (Indoors)	IND1 - Manufacturing, Wholesaling (Indoors)	Industrial	Yes	Yes					Yes	Yes
2	Mather Hospital	75 North Country Road		Port Jefferson		Suffolk	Carport/Roof	2.20	13.8	X		RhB, HaC	0 - 10 %	No	No	No	No	No	Yes	No	No	Community Services	P-O - Professional Office	R-B2 - Single-Family Residence	Residential	Yes	Yes	Yes	Determined By Site Plan	Yes		Yes	Yes
3	Roehler - 2	100 Andrews Road	Hicksville		Oyster Bay	Nassau	Roof	0.90	4.5	X		7.72	Ug	0-10%	No	No	No	No	No	No	No	No	Industrial	LI - Light Industry	LI - Light Industry	Residential	Yes	Yes					Yes	Yes
4	Roehler - 9	390 Vanderbilt Motor Parkway	Hauppauge		Smithtown	Suffolk	Roof	1.30			X		CuB, Ur, RdA	0-10%	No	No	No	No	No	No	No	No	Industrial	LI - Light Industrial	LI - Light Industrial	Industrial	Yes	Yes					Yes	Yes
5	Roehler - 10	250 Kennedy Drive	Hauppauge		Smithtown	Suffolk	Roof	0.90			X		PIA, CuB, RdB	0-10%	No	No	No	No	No	No	No	No	Industrial	LI - Light Industrial	LI - Light Industrial	Industrial	Yes	Yes					Yes	Yes
6	Roehler - 11	110 Plant Avenue	Hauppauge		Smithtown	Suffolk	Roof	0.90			X		HaB, RdB	0-10%	No	No	No	No	No	No	No	No	Industrial	LI - Light Industrial	LI - Light Industrial	Industrial	Yes	Yes					Yes	Yes
7	RXR Reality - 8A	6800 Jericho Turnpike	Syosset		Oyster Bay	Nassau	Carport	2.20	13.8	X		12.83	Ug	0 - 10 %	No	No	No	No	No		No	Commercial	LI - Light Industry	LI - Light Industry	Commercial	Yes	Yes	Yes	Determined By Site Plan	Yes		Yes	Yes
8	RXR Reality - 8B	6900 Jericho Turnpike	Syosset		Oyster Bay	Nassau	Carport	2.20	13.8	X			Ug	0 - 10 %	No	No	No	No	No	No	No	Commercial	LI - Light Industry	LI - Light Industry	Commercial	Yes	Yes	Yes	Determined By Site Plan	Yes		Yes	Yes
9	State University New York @ Stony Brook	Stony Brook University	Stony Brook		Brookhaven	Suffolk	Carport	6.00			X		RkB, RdB, RdA, RdC, HaB, HaA	0 - 10 %	No	No	No	No	No	Yes - Special GW Protection Area (South Setauket Woods CEA)	No	Community Services	B-1 - Business District	B-1 - Business District	Community Services	Yes	Yes	Exempt					
10	Suffolk County - 1	200-210 Center Drive	Riverhead		Southampton	Suffolk	Carport/Roof	1.90	13.8	X			CuB	0 - 10 %	No	No	No	No	No	Yes - Pine Barrens Adjacent to County Center CEA	No	Community Services	CR200 - Country Residence 200,000 SF	OSC - Open Space Conservation	Community Services	Yes	Yes	Exempt					Exempt	
11	Suffolk County - 2	400 Carleton Avenue	Central Islip		Islip	Suffolk	Carport/Roof	2.30	13.8	X			Ma	0 - 10 %	No	No	No	No	No	No	No	Unknown	PDD - Planned Development District	PDD - Planned Development District	Community Services	Yes	Yes	Exempt					Exempt	
12	Suffolk County - 3	100 Veterans Memorial Highway	Hauppauge		Islip	Suffolk	Carport/Roof	1.20	13.8	X		39.4	PIB, PIA, WA, Dc	0 - 10 %	No	No	No	No	No	Yes	No	No	Commercial	AAA - Single Family Dwelling	AA - Single Family Dwelling	Residential & Commercial	Yes	Yes	Exempt					Exempt	
13	Roehler - 1	2002 Orville Drive North	Ronkonkoma		Islip	Suffolk	Roof	1.10			X		RhB, PIA	0-10%	No	No	No	No	No	No	No	No	Industrial	Front: ICD - Industrial Corridor; Rear: IND1 - Manufacturing, Wholesaling (Indoors)	IND1 - Manufacturing, Wholesaling (Indoors)	Industrial	Yes	Yes					Yes	Yes
14	Roehler - 12	35 Engel Street	Hicksville		Oyster Bay	Nassau	Roof	0.80			X	4.69	Ug	0-10%	No	No	No	No	No	No	No	No	Industrial	LI - Light Industry	LI - Light Industry	Commercial & Residential	Yes	Yes					Yes	Yes
15	RXR Reality - 3	50 Marcus Drive	Melville		Huntington	Suffolk	Carport	1.10	13.8	X		5.12	RhB	0 - 10 %	No	No	No	No	No	No	No	Industrial	R-40 - Residence	I-1 - Light Industry	Industrial	Yes	Yes	Yes	Determined By Site Plan	Yes		Yes	Yes
16	RXR Reality - 10	333 Earle Ovington Boulevard	Uniondale		Hempstead	Nassau	Carport	0.40				3.64	Ub	0 - 10 %	No	No	No	No	No	No	No	Commercial	MFO - Mitchell Field Office	MFO - Mitchell Field Office	Community Services	Yes	Yes						
17	Tanger Shopping Outlets - 1	1770 West Main Street	Riverhead		Riverhead	Suffolk	Carport/Roof	6.00	13.8	X			HaA, RdB	0 - 10 %	No	No	No	No	No	No	No	Commercial	DRC - Destination Retail Center (Manufacturers Outlet Center)	DRC - Destination Retail Center	Commercial	Yes	Yes	Yes	Determined By Site Plan	Yes		Yes	Yes
18	William Floyd School District - 3	240 Mastic Beach Road (HS)	Mastic Beach		Brookhaven	Suffolk	Roof	0.80	13.8	X			RhB, RdA	0 - 10 %	No	No	No	No	No	No	No	Community Services	A1 - Residence District	A1 - Residence District	Residential	Yes	Yes					Exempt	
19	William Floyd School District - 4	336 Blanco Drive (Tangier Smith Elementary)	Mastic Beach		Brookhaven	Suffolk	Roof	0.30	13.8	X			RdA	0 - 10 %	No	No	No	No	No	No	No	Community Services	A1 - Residence District	A1 - Residence District	Residential	Yes	Yes					Exempt	

Attachment 2 - Additional Sites Considered

Site ID	Site Name	Site Address	Community	Incorporated Village	Town	County	Type of Site (Roof or Carport)	Estimated Project Size - AC (MW)
20	Blackman Plumbing	2700 Route 112	Medford		Brookhaven	Suffolk	Carport/Roof	1.40
21	North Shore Long Island Jewish Health System - 4	2800 Marcus Avenue		Lake Success		Nassau	Carport/Roof	2.30
22	North Shore Long Island Jewish Health System - 1	179 Community Drive	Great Neck		North Hempstead	Nassau	Carport/Roof	0.60
23	North Shore Long Island Jewish Health System - 5	300 Community Drive	Manhasset		North Hempstead	Nassau	Carport	0.40
24	North Shore Long Island Jewish Health System - 6	221 Jericho Turnpike	Syosset		Oyster Bay	Nassau	Carport/Roof	0.40
25	North Shore Long Island Jewish Health System - 7	101 St. Andrews Lane		Glen Cove		Nassau	Carport/Roof	0.25
26	North Shore Long Island Jewish Health System - 8	888 Old Country Road	Plainview		Oyster Bay	Nassau	Carport	0.40
27	North Shore Long Island Jewish Health System - 9	1999 Marcus Ave # 106C	New Hyde Park		North Hempstead	Nassau	Carport/Roof	0.30
28	Rechler - 3	400 Oser Avenue	Hauppauge		Smithtown	Suffolk	Roof	0.60
29	Rechler - 4	150 Engineers Road	Hauppauge		Smithtown	Suffolk	Roof	0.70
30	Rechler - 5	2005 Orville Drive North	Bohemia		Islip	Suffolk	Roof	0.70
31	Rechler - 6	10 Hub Drive	Melville		Huntington	Suffolk	Roof	0.60
32	Rechler - 7	5 Hub Drive	Melville		Huntington	Suffolk	Roof	0.50
33	Rechler - 8	265 Spagnoli Road	Melville		Huntington	Suffolk	Roof	0.50
34	Rechler - 13	2004 Orville Drive North	Ronkonkoma		Islip	Suffolk		0.60
35	Rechler - 14	85 Nicon Court	Hauppauge		Islip	Suffolk	Roof	0.60
36	Rechler - 15	19 Nicholas Drive	Yaphank		Brookhaven	Suffolk		
37	Rechler - 16	1516 Vanderbilt Motor Parkway		Islandia		Suffolk	Roof	0.70
38	Rechler - 17	110 Orville Drive	Bohemia		Islip	Suffolk	Roof	0.60
39	Rechler - 18	1101 Lakeland Avenue	Bohemia		Islip	Suffolk	Roof	0.60
40	Rechler - 19	110 Bi-County Boulevard	Farmingdale		Babylon	Suffolk	Roof	0.50
41	RXR Reality - 1	150 Vanderbilt Motor Parkway	Hauppauge		Smithtown	Suffolk	Carport	0.70
42	RXR Reality - 2	395 North Service Road	Melville		Huntington	Suffolk	Carport	0.60
43	RXR Reality - 4	1305 Walt Whitman Road	Melville		Huntington	Suffolk	Carport	0.60
44	RXR Reality - 5	48 S Service Road	Melville		Huntington	Suffolk	Carport	0.30
45	RXR Reality - 6	35 Pinelawn Road	Melville		Huntington	Suffolk	Carport/Roof	0.60
46	RXR Reality - 9	RXR Plaza	Uniondale		Hempstead	Nassau	Carport	0.80
47	RXR Reality - 11A	50 Charles Lindbergh Boulevard	Uniondale		Hempstead	Nassau	Carport	1.00
48	RXR Reality - 11B	51 Charles Lindbergh Boulevard	Uniondale		Hempstead	Nassau	Carport	1.00
49	RXR Reality - 11C	55 Charles Lindbergh Boulevard	Uniondale		Hempstead	Nassau	Carport	1.00
50	RXR Reality - 12	101 James Doolittle Boulevard (Marriott)	Uniondale		Hempstead	Nassau	Carport	0.90
51	RXR Reality - 13	Earle Ovington Blvd & Hempstead Turnpike	Uniondale		Hempstead	Nassau	Carport	0.70
52	Steel Equities - 1	999 South Oyster Bay Road	Bethpage		Oyster Bay	Nassau	Roof	1.00
53	Steel Equities - 2	1000 South Oyster Bay Road	Hicksville		Oyster Bay	Nassau	Roof	1.00
54	Steel Equities - 3	700 Hicksville Road	Bethpage		Oyster Bay	Nassau	Roof	1.10
55	William Floyd School District - 1	230 Van Buren Street (John S. Hobart Elementary)	Mastic		Brookhaven	Suffolk	Carport/Roof	0.65
56	William Floyd School District - 2	111 Lexington Rd (WF Elementary)	Shirley		Brookhaven	Suffolk	Carport/Roof	0.50
57	William Floyd School District - 5	16 Louis Ave (Elementary)	Moriches		Brookhaven	Suffolk	Roof	0.20
58	William Floyd School District - 6	6 Francis Landau Place (Nathaniel Woodull School)	Shirley		Brookhaven	Suffolk	Carport/Roof	0.45
59	William Floyd School District - 7	338 Blanco Drive (William Paca Middle School)	Mastic Beach		Brookhaven	Suffolk	Carport/Roof	0.15
60	William Floyd School District - 8	630 Moriches Middle Island Road (New Middle School)	Moriches		Brookhaven	Suffolk	Carport/Roof	0.40

Cornell University
Cooperative Extension
of Suffolk County

Extension Education Center

423 Griffing Avenue, Suite 100
Riverhead, New York 11901-3071
t. 631.727.7850
f. 631.727.7130

March 29, 2012

Mr. Michael Mule
Suffolk County Department of Planning
H.Lee Dennison Bldg., 4th Floor
100 Veterans Memorial Highway
P.O. Box 6100
Hauppauge, NY 11788-6904

Dear Michael,

Enclosed please find a copy of the report "MS4 Annual Report" for the year ending March 9, 2012. This is Suffolk County's annual report to the New York State DEC as part of its Phase II SPDES Stormwater General Permit requirements. Cornell University Cooperative Extension is assisting Suffolk County in its Phase II program. This report is being sent to you as part of the public notification/public comment process. This report will be reviewed by the Suffolk County Council on Environmental Quality at their regularly scheduled meeting on April 18, 2012 at 9:30 a.m. in the Arthur Kunz Library, H. Lee Dennison Building, Fourth Floor, Veterans Memorial Highway in Hauppauge, NY 11788. Public comments on the report will be accepted at that time. Public comments will also be accepted by mail at the above address until May 8, 2012.

Sincerely,

Emerson Hasbrouck
Marine Program Director

Enclosure
ECH:

Cornell Cooperative Extension in Suffolk County provides equal program and employment opportunities.

MS4 Annual Report Cover Page

MCC form for period ending March 9, 2012

SPDES ID
NYR20A180

This cover page must be completed by the report preparer.
Joint reports require only one cover page.

Choose one:

● **This report is being submitted on behalf of an individual MS4.**

Fill in SPDES ID in upper right hand corner.

Name of MS4
Suffolk County

OR

○ **This report is being submitted on behalf of a Single Entity**

(Per Part II.E of GP-0-10-002)

Name of Single Entity

OR

○ **This is a joint report being submitted on behalf of a coalition.**

Provide SPDES ID of each permitted MS4 included in this report. Use page 2 if needed.

Name of Coalition

SPDES ID NYR20A	SPDES ID NYR20A	SPDES ID NYR20A
SPDES ID NYR20A	SPDES ID NYR20A	SPDES ID NYR20A
SPDES ID NYR20A	SPDES ID NYR20A	SPDES ID NYR20A
SPDES ID NYR20A	SPDES ID NYR20A	SPDES ID NYR20A
SPDES ID NYR20A	SPDES ID NYR20A	SPDES ID NYR20A
SPDES ID NYR20A	SPDES ID NYR20A	SPDES ID NYR20A

9714632978

MS4 Annual Report Cover Page

MCC form for period ending March 9, 2012

Provide SPDES ID of each permitted MS4 included in this report.

SPDES ID	SPDES ID	SPDES ID
NYR20A	NYR20A	NYR20A
NYR20A	NYR20A	NYR20A
NYR20A	NYR20A	NYR20A
NYR20A	NYR20A	NYR20A
NYR20A	NYR20A	NYR20A
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NYR20A	NYR20A	NYR20A
NYR20A	NYR20A	NYR20A
NYR20A	NYR20A	NYR20A
NYR20A	NYR20A	NYR20A

MS4 Municipal Compliance Certification(MCC) Form

MCC form for period ending March 9, 2012

Name of MS4: Suffolk County

SPDES ID: NYR20A180

Each MS4 must submit an MCC form.

Section 1 - MCC Identification Page

Indicate whether this MCC form is being submitted to certify endorsement or acceptance of:

- ● An Annual Report for a single MS4
- ○ A Single Entity (Per Part II.E of GP-0-10-002)
- ○ A Joint Report

Joint reports may be submitted by permittees with legally binding agreements.

If Joint Report, enter coalition name:

5690581587

MS4 Municipal Compliance Certification(MCC) Form

MCC form for period ending March 9, 2012

Name of MS4: Suffolk County

SPDES ID: NYR20A180

Section 2 - Contact Information

Important Instructions - Please Read

Contact information must be provided for ***each*** of the following positions as indicated below:

1. Principal Executive Officer, Chief Elected Official or other qualified individual (per GP-0-08-002 Part VI.J).
2. Duly Authorized Representative (Information for this contact must only be submitted if a Duly Authorized Representative is signing this form)
3. The Local Stormwater Public Contact (required per GP-0-08-002 Part VII.A.2.c & Part VIII.A.2.c).
4. The Stormwater Management Program (SWMP) Coordinator (Individual responsible for coordination/implementation of SWMP).
5. Report Preparer (Consultants may provide company name in the space provided).

   A separate sheet must be submitted for each position listed above unless more than one position is filled by the same individual. If one individual fills multiple roles, provide the contact information once and check all positions that apply to that individual.

   If a new Duly Authorized Representative is signing this report, their contact information must be provided and a signature authorization form, signed by the Principal Executive Officer or Chief Elected Official must be attached.

For each contact, select all that apply:

- ● Principal Executive Officer/Chief Elected Official
- ○ Duly Authorized Representative
- ○ Local Stormwater Public Contact
- ○ Stormwater Management Program (SWMP) Coordinator
- ○ Report Preparer

First Name: Steve

MI:

Last Name: Bellone

Title: County Executive

Address: 100 Veterans Memorial Highway

City: Hauppauge

State: NY

Zip: 11788-0099

eMail: county.executive@suffolkcountyny.gov

Phone: (631) 853-4000

County: Suffolk

MS4 Municipal Compliance Certification(MCC) Form

MCC form for period ending March 9, 2012

Name of MS4: Suffolk County

SPDES ID: NYR20A180

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- ● Duly Authorized Representative
- ○ Local Stormwater Public Contact
- ○ Stormwater Management Program (SWMP) Coordinator
- ○ Report Preparer

First Name: Gilbert

MI:

Last Name: Anderson, P.E.

Title: Commissioner

Address: 335 Yaphank Avenue

City: Yaphank

State: NY

Zip: 11980-

eMail: gilbert.anderson@suffolkcountyny.gov

Phone: (631) 852-4002

County: Suffolk

MS4 Municipal Compliance Certification(MCC) Form

MCC form for period ending March 9, 2012

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For each contact, select all that apply:

○ Principal Executive Officer/Chief Elected Official

○ Duly Authorized Representative

● Local Stormwater Public Contact

○ Stormwater Management Program (SWMP) Coordinator

○ Report Preparer

First Name: Erik

MI:

Last Name: Bergey, P.E.

Title: Senior Civil Engineer

Address: 335 Yaphank Avenue

City: Yaphank

State: NY

Zip: 11980 -

eMail: ebergey@suffolkcountyny.gov

Phone: (631) 852-5377

County: Suffolk

MS4 Municipal Compliance Certification(MCC) Form

MCC form for period ending March 9, 2012

Name of MS4: Suffolk County

SPDES ID: NYR20A180

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For each contact, select all that apply:

○ Principal Executive Officer/Chief Elected Official

○ Duly Authorized Representative

○ Local Stormwater Public Contact

● Stormwater Management Program (SWMP) Coordinator

○ Report Preparer

First Name: Emerson

MI:

Last Name: Hasbrouck

Title: Marine Program Director

Address: 423 Griffing Avenue Suite 100

City: Riverhead

State: NY

Zip: 11901-

eMail: ech12@cornell.edu

Phone: (631) 727-7850

County: Suffolk

MS4 Municipal Compliance Certification(MCC) Form

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2. Duly Authorized Representative (Information for this contact must only be submitted if a Duly Authorized Representative is signing this form)
3. The Local Stormwater Public Contact (required per GP-0-08-002 Part VII.A.2.c & Part VIII.A.2.c).
4. The Stormwater Management Program (SWMP) Coordinator (Individual responsible for coordination/implementation of SWMP).
5. Report Preparer (Consultants may provide company name in the space provided).

   A separate sheet must be submitted for each position listed above unless more than one position is filled by the same individual. If one individual fills multiple roles, provide the contact information once and check all positions that apply to that individual.

   If a new Duly Authorized Representative is signing this report, their contact information must be provided and a signature authorization form, signed by the Principal Executive Officer or Chief Elected Official must be attached.

For each contact, select all that apply:

○ Principal Executive Officer/Chief Elected Official

○ Duly Authorized Representative

○ Local Stormwater Public Contact

○ Stormwater Management Program (SWMP) Coordinator

● Report Preparer

First Name: Lorne

MI: J

Last Name: Brousseau

Title: Senior Resource Educator

Address: PO Box 554

City: Huntington

State: NY

Zip: 11743 -

eMail: lb66@cornell.edu

Phone: (631) 239-1800

County: Suffolk

MS4 Municipal Compliance Certification (MCC) Form

MCC form for period ending March 9, 2012

Name of MS4: Suffolk County

SPDES ID: NYR20A180

Section 3 - Partner Information

Did your MS4 work with partners/coalition to complete some or all permit requirements during this reporting period? ● Yes ○ No

If Yes, complete information below.

Submit a separate sheet for each partner. Information provided in other formats will not be accepted. If your MS4 cooperated with a coalition, submit one sheet with the name of the coalition. It is not necessary to include a separate sheet for each MS4 in the coalition.

If No, proceed to Section 4 - Certification Statement.

Partner/Coalition Name: Cornell Cooperative Extension of

Partner/Coalition Name (con't.): Suffolk County

SPDES Partner ID - If applicable: NYR20

Address: 423 Griffing Avenue

City: Riverhead

State: NY

Zip: 11901 -

eMail: ech12@cornell.edu

Phone: (631) 727-7850

Legally Binding Agreement in accordance with GP-0-08-002 Part IV.G.? ● Yes ○ No

What tasks/responsibilities are shared with this partner (e.g. MM1 School Programs or Multiple Tasks)?

- ● MM1: Multiple Tasks
- ● MM2: Multiple Tasks
- ● MM3: Multiple Tasks
- ● MM4: Multiple Tasks
- ● MM5: Multiple Tasks
- ● MM6: Multiple Tasks

Additional tasks/responsibilities

- *Watershed Improvement Strategy Best Management Practices* required for MS4s in impaired watersheds included in GP-0-08-002 Part IX.

Peconic Estuary Nitrogen + Peconic Estuary Pathogen + 27 Long Island Shellfishing Impaired Embayments (Pathogens)

MS4 Municipal Compliance Certification(MCC) Form

MCC form for period ending March 9, 2012

Name of MS4: Suffolk County

SPDES ID: NYR20A180

Section 4 - Certification Statement

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

This form must be signed by either a principal executive officer or ranking elected official, or duly authorized representative of that person as described in GP-0-08-002 Part VI.J.

First Name: Gilbert

MI:

Last Name: Anderson, P.E.

Title (Clearly print title of individual signing report): Commissioner, Dept. Public Works

Signature:

Date: / /

Send completed form and any attachments to the DEC Central Office at:

MS4 Permit Coordinator
Division of Water
4th Floor
625 Broadway
Albany, New York 12233-3505

1100364151

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2012

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition: Suffolk County

SPDES ID: NYR20A180

Water Quality Trends

The information in this section is being reported (check one):

● On behalf of an individual MS4
○ On behalf of a coalition

How many MS4s are contributed to this report? ___

1. Has this MS4/Coalition produced any reports documenting water quality trends related to stormwater? If not, answer No and proceed to Minimum Control Measure One. ● Yes ○ No

If Yes, choose one of the following

○ Report(s) attached to the annual report

● Web Page(s) where report(s) is/are provided below

Please provide specific address of page where report(s) can be accessed - not home page.

URL
http://www.peconicestuary.org/pep-admin/reports/c4ed8531df62f3048566d7888f7be60996 8ae0fc0.pdf

URL
http://www.peconicestuary.org/pep-admin/reports/141660980d3b12d28a45a00ac8489f135da11d3d.pdf

URL
http://www.peconicestuary.org/pep-admin/reports/80994f48fbd806882047f4a70c0d35d8ff4ade7.pdf

URL
http://www.peconicestuary.org/pep-admin/reports/7a246a5e076af530e04b01d0c8f06424f168631 0.pdf

4286299954

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2012

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition: Suffolk County

SPDES ID: NYR20A180

Minimum Control Measure 1. Public Education and Outreach

The information in this section is being reported (check one):

● On behalf of an individual MS4
○ On behalf of a coalition

How many MS4s contributed to this report? ___

1. Targeted Public Education and Outreach Best Management Practices

Check all topics that were included in Education and Outreach during this reporting period:

- ● Construction Sites
- ● General Stormwater Management Information
- ● Household Hazardous Waste Disposal
- ● Illicit Discharge Detection and Elimination
- ○ Infrastructure Maintenance
- ● Smart Growth
- ● Storm Drain Marking
- ● Green Infrastructure/Better Site Design/Low Impact Development
- ● Other: Rain gardens and rain barrels (Other)
- ● Pesticide and Fertilizer Application
- ● Pet Waste Management
- ● Recycling
- ○ Riparian Corridor Protection/Restoration
- ● Trash Management
- ● Vehicle Washing
- ● Water Conservation
- ● Wetland Protection
- ○ None

2. Specific audiences targeted during this reporting period:

- ● Public Employees
- ● Residential
- ● Businesses
- ● Restaurants
- ● Other: Schools and garden clubs (Other)
- ● Contractors
- ○ Developers
- ● General Public
- ● Industries
- ● Agricultural

7870299956

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2012

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition: Suffolk County

SPDES ID: NYR20A180

3. What strategies did your MS4/Coalition use to achieve education and outreach goals during this reporting period? Check all that apply:

● Construction Site Operators Trained	# Trained	127
● Direct Mailings	# Mailings	1
● Kiosks or Other Displays	# Locations	19
○ List-Serves	# In List	
● Mailing List	# In List	73
○ Newspaper Ads or Articles	# Days Run	
● Public Events/Presentations	# Attendees	874
● School Program	# Attendees	3023
● TV Spot/Program	# Days Run	7
● Printed Materials:	Total # Distributed	5306

Locations (e.g. libraries, town offices, kiosks)

libraries
government offices
kiosks
school classes

● Other:

radio and TV PSA's

● Web Page: Provide specific web addresses - not home page. Continue on next page if additional space is needed.

URL
http://www.suffolkcountyny.gov/stormwater/Car-Care.html

URL
http://www.suffolkcountyny.gov/stormwater/RainGarden.html

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2012

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition: Suffolk County

SPDES ID: NYR20A180

3. Web Page con't.: Provide specific web addresses - not home page.

URL
http://www.suffolkcountyny.gov/Wetlands.html

URL
http://www.suffolkcountyny.gov/stormwater/fertilizers.html

URL
http://www.suffolkcountyny.gov/stormwater/schoolPresentations.

URL
http://www.suffolkcountyny.gov/stormwater/PDFs/stormwaterSPANISH.pdf

URL
http://www.suffolkcountyny.gov/stormwater/PublicserviceAnnounce.html

URL
http://www.suffolkcountyny.gov/stormwater/SmartGrowth.html

URL
http://www.suffolkcountyny.gov/RestaurantBMPs.html

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2012

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition: Suffolk County

SPDES ID: NYR20A180

4. Evaluating Progress Toward Measurable Goals MCM 1

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

A measurable goal is to disseminate as many stormwater brochures as possible to the public. The brochures discuss the impacts and sources of stormwater runoff pollution, and also describe what can be done to minimize the impact.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

Brochures were effectively distributed through a number of means. They were handed out during school programs and fairs/festivals. They were displayed in municipal county buildings and at libraries. 5306 brochures/student activity pages were distributed in this reporting period. Efforts were made to more effectively track where and when brochures were distributed.

C. How many times was this observation measured or evaluated in this reporting period?

5306

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this Measurable Goal during this reporting period? ● Yes ○ No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP? ● Yes ○ No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

The goal for the next reporting cycle is to disseminate a similar number of brochures/activity pages. This will be done throughout the permit year, with periodic bulk mailings to libraries and municipal buildings. In addition, we will specifically track who, where and when brochures are disseminated to.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2012

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition: Suffolk County

SPDES ID: NYR20A180

4. Evaluating Progress Toward Measurable Goals MCM 1

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

To conduct lectures and reach as many members of civic groups/associations as possible.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

Numerous lectures were conducted to educate members of civic groups/associations. Members are often homeowners and focus of lectures is on stormwater BMP's. In this reporting cycle 439 members were reached.

C. How many times was this observation measured or evaluated in this reporting period?

439

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this Measurable Goal during this reporting period? ● Yes ○ No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP? ● Yes ○ No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

The plan is to continue to reach as many civic groups as possible during the next reporting cycle. Presentations will be conducted throughout the cycle.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2012

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition: Suffolk County

SPDES ID: NYR20A180

4. Evaluating Progress Toward Measurable Goals MCM 1

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

Air as many public service announcements (PSA's) on radio and local government public TV stations as possible

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

PSA on lawn care and fertilizer use was aired (14 times) on WBAB (listenership = 425,100). In addition a 30 minute radio talk show on WBAB was conducted with interviews of two stormwater educators
A one minute TV PSA on fertilizer use was provided to 5 local town public government stations during the period. PSA was aired an estimate of 100 times total from the TV stations.

C. How many times was this observation measured or evaluated in this reporting period?

114

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this Measurable Goal during this reporting period? ○ Yes ○ No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP? ○ Yes ○ No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

In the next reporting cycle, the goal is to air a similar number of PSA's.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2012

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition: Suffolk County

SPDES ID: NYR20A180

4. Evaluating Progress Toward Measurable Goals MCM 1

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

To obtain school teacher surveys in an attempt to assess the value of the in-school classes. Evaluation forms give us an indication as to what teachers feel the students learned and suggestions to improve the presentations. This past year a greater emphasis was made to the teachers to complete and return evaluation forms.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

In the past year a total of 75 teacher evaluation forms were completed by teachers an increase of 65 from the year before. The completed evaluations were very helpful in summarizing what teachers felt were important parts of the stormwater program and ways we can improve program to fit into their curriculum.

C. How many times was this observation measured or evaluated in this reporting period?

75

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this Measurable Goal during this reporting period? ● Yes ○ No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP? ● Yes ○ No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

Next year the goal will be to maintain or increase the percentage of completed evaluations from the school programs.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2012

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition: Suffolk County

SPDES ID: NYR20A180

4. Evaluating Progress Toward Measurable Goals MCM 1

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

The goal was to reach as many school students as possible within the municipality and have 80 % of programs in schools near waterbodies with TMDL,s.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

An extensive number of school presentations were again implemented. Presentations focused on nitrogen and bacteria, which are pollutants of concern and have TMDL goals. During this reporting period, 3032 school students were reached during 117 school presentations.

C. How many times was this observation measured or evaluated in this reporting period?

3032

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this Measurable Goal during this reporting period? ○ Yes ○ No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP? ○ Yes ○ No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

The goal in the next reporting period will be to reach a similar number of students.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2012

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition: Suffolk County

SPDES ID: NYR20A180

4. Evaluating Progress Toward Measurable Goals MCM 1

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

The measurable goal was to maintain the stormwater website, track visitor numbers and maintain or increase numbers of visitors to the website, and update or add new stormwater pages.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

Large numbers of web users continue to visit the stormwater website(www.suffolkstormwater.com). This past recording year, Google Analytics, a website tracking service, was utilized to assist us in tracking and recording visitors to the webpage. A total of 5525 visitors logged on to stormwater website and downloaded 11,155 pages. This represents close to a doubling of users and pages loaded from last reporting period.

C. How many times was this observation measured or evaluated in this reporting period?

5525

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this Measurable Goal during this reporting period? ● Yes ○ No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP? ● Yes ○ No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

Redesign the home page to make it more user friendly and provide more local stormwater information for county residents based on the Town they live in. In addition, maintain or increase the number of visitors and or pages downloaded.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2012

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition: Suffolk County

SPDES ID: NYR20A180

4. Evaluating Progress Toward Measurable Goals MCM 1

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

One goal this reporting period was to increase the number of stormwater programs for local garden clubs with a focus on using rain gardens and rain barrels to reduce stormwater runoff.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

After a mailing using postal mail and e-mails a total of 9 garden clubs had stormwater presentations during the reporting period. These presentations have been conducted for 16 out of the 25 garden clubs in county. A total of 64% reached.

C. How many times was this observation measured or evaluated in this reporting period?

9

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this Measurable Goal during this reporting period?

◉ Yes ○ No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP? ◉ Yes ○ No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

Next year contact and conduct programs at 3 of the remaining 9 gardens clubs in Suffolk County.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2012

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition: Suffolk County

SPDES ID: NYR20A180

Minimum Control Measure 2. Public Involvement/Participation

The information in this section is being reported (check one):

● On behalf of an individual MS4
○ On behalf of a coalition
How many MS4s contributed to this report?

1. What opportunities were provided for public participation in implementation, development, evaluation and improvement of the Stormwater Management Program (SWMP) Plan during this reporting period? Check all that apply:

● Cleanup Events — # Events: 9

● Comments on SWMP Received — # Comments:

● Community Hotlines

Phone # (631) 852-4256
Phone # (631) 852-4070
Phone # (631) 854-2501
Phone # (631) 852-5760
Phone # ( ) -
Phone # ( ) -
Phone # ( ) -
Phone # ( ) -
Phone # ( ) -
Phone # ( ) -

○ Community Meetings — # Attendees:

● Plantings — Sq. Ft.: 192

● Storm Drain Markings — # Drains: 10

○ Stakeholder Meetings — # Attendees:

○ Volunteer Monitoring — # Events:

● Other: community fairs

2. Was public notice of availability of this annual report and Stormwater Management Program (SWMP) Plan provided? ● Yes ○ No

○ List-Serve — # In List:

○ Newspaper Advertising — # Days Run:

○ TV/Radio Notices — # Days Run:

● Other: Direct mailing

● Web Page URL: Enter URL(s) on the following two pages.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2012

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition: Suffolk County

SPDES ID: NYR20A180

2. URL(s) con't.:

Please provide specific address(es) where notice(s) can be accessed - not home page.

URL: www.suffolkcountyny.gov/stormwater/annualreports.html

URL:

URL:

URL:

URL:

URL:

URL:

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2012

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition: Suffolk County

SPDES ID: NYR20A180

2. URL(s) con't.:

Please provide specific address(es) where notices can be accessed - not home page.

URL

URL

URL

URL

URL

URL

URL

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2012

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition: Suffolk County

SPDES ID: NYR20A180

3. Where can the public access copies of this annual report, Stormwater Management Program SWMP) Plan and submit comments on those documents?

Enter address/contact info and select radio button to indicate which document is available and whether comments may be submitted at that location. Submit additional pages as needed.

● MS4/Coalition Office ● Annual Report ● SWMP Plan ● Comments

Department: Department of Public Works

Address: 335 Yaphank Avenue

City: Yaphank NY Zip: 11980-

Phone: (631) 852-5377

○ Library ○ Annual Report ○ SWMP Plan ○ Comments

Address:

City: Zip: -

Phone: ( ) -

● Other ○ Annual Report ○ SWMP Plan ● Comments

Address: Cornell Coop. Ext., PO BOX 554

City: Huntington NY Zip: 11743-

Phone: (631) 239-1800

● Web Page URL: ● Annual Report ○ SWMP Plan ○ Comments

www.suffolkcountyny.gov/stormwater/annualreports.html

Please provide specific address of page where report can be accessed - not home page.

● eMail ● Comments

ebergey@suffolkcountyny.gov

lb66@cornell.edu

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2012

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition: Suffolk County

SPDES ID: NYR20A180

4.a. If this report was made available on the internet, what date was it posted?
Leave blank if this report was not posted on the internet. 04 / 20 / 2012

4.b. For how many days was/will this report be posted? 30

If submitting a report for single MS4, answer 5.a.. If submitting a joint report, answer 5.b..

5.a. Was an Annual Report public meeting held in this reporting period? ● Yes ○ No

If Yes, what was the date of the meeting? 04 / 18 / 2012

If No, is one planned? ○ Yes ○ No

5.b. Was an Annual Report public meeting held for all MS4s contributing to this report during this reporting period? ○ Yes ○ No

If No, is one planned for each? ○ Yes ○ No

6. Were comments received during this reporting period? ● Yes ○ No
If Yes, attach comments, responses and changes made to SWMP in response to comments to this report.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2012

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition: Suffolk County

SPDES ID: NYR20A180

7. Evaluating Progress Toward Measurable Goals MCM 2

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

Recruit as many volunteers as possible to assist with various beach and/or Parks clean-up events.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

Nine (9) clean-up events were held at County Parks, with approximately 296 volunteers.

C. How many times was this observation measured or evaluated in this reporting period?

296

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?

● Yes ○ No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

● Yes ○ No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

The goal for the upcoming reporting period is recruit and educate a similar number of volunteers in the next reporting period.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2012

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition: Suffolk County

SPDES ID: NYR20A180

7. Evaluating Progress Toward Measurable Goals MCM 2

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

Have as many miles of suitable roadway as part of the "Adopt a Highway" Program

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

A large number of County road miles have been adopted by individuals/organizations. Litter and debris clean-ups remove items that have potential to entering local waterbodies. Each individual/organization has a 2 year contract and cleanups occur 9 times a year.

C. How many times was this observation measured or evaluated in this reporting period?

104

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?

● Yes ○ No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

● Yes ○ No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

The goal is next year to report a similar level of roadway adoptions and miles cleaned up.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2012

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition: Suffolk County

SPDES ID: NYR20A180

7. Evaluating Progress Toward Measurable Goals MCM 2

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

Get feedback from residents regarding stormwater related issues such as flooding.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

Suffolk County tracks the number and nature of citizen complaints which pertain to stormwater related problems. In some cases the County is able to solve the issue by cleaning the stormwater structures. In the current reporting period, 128 complaints were logged.

C. How many times was this observation measured or evaluated in this reporting period?

128

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?

● Yes ○ No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

● Yes ○ No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

The goal for the next reporting period is to continue responding to complaints and maintaining the complaints database throughout the reporting year.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2012

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition: Suffolk County

SPDES ID: NYR20A180

7. Evaluating Progress Toward Measurable Goals MCM 2

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

The goal is to have target groups such as schools volunteer for stormwater BMP projects.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

This year a school completed a project in implementing a BMP on the school grounds. The students and educator placed 10 storm drain markers in their parking lots.

C. How many times was this observation measured or evaluated in this reporting period?

1

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?

● Yes ○ No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

● Yes ○ No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

The goal is to have this school or others implement BMP's during the next reporting cycle.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2012

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition: Suffolk County

SPDES ID: NYR20A180

Minimum Control Measure 3. Illicit Discharge Detection and Elimination

The information in this section is being reported (check one):

● On behalf of an individual MS4
○ On behalf of a coalition
How many MS4s contributed to this report? ___

1. Enter the number and approx. percent of outfalls mapped: 296 # 100 %

2. How many of these outfalls have been screened for dry weather discharges during this reporting period (outfall reconnaissance inventory)? 58

3.a. What types of generating sites/sewersheds were targeted for inspection during this reporting period?

○ Auto Recyclers
○ Building Maintenance
○ Churches
○ Commercial Carwashes
○ Commercial Laundry/Dry Cleaners
○ Construction Vehicle Washouts
○ Cross-Connections
○ Distribution Centers
○ Food Processing Facilities
○ Garbage Truck Washouts
○ Hospitals
○ Improper RV Waste Disposal
○ Industrial Process Water
○ Landscaping (Irrigation)
○ Marinas
○ Metal Plateing Operations
○ Outdoor Fluid Storage
● Parking Lot Maintenance
○ Printing
○ Residential Carwashing
○ Restaurants
○ Schools and Universities
○ Septic Maintenance
○ Swimming Pools
○ Vehicle Fueling
○ Vehicle Maint./Repair Shops
● Other: county roadways
○ None

● Sewersheds: 303d and TMDL watersheds

MS4 Annual Report Form

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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition: Suffolk County

SPDES ID: NYR20A180

3.b. What types of illicit discharges have been found during this reporting period?

- ○ Broken Lines From Sanitary Sewer
- ○ Cross Connections
- ○ Failing Septic Systems
- ○ Floor Drains Connected To Storm Sewers
- ○ Illegal Dumping
- ○ Other:
- ○ Industrial Connections
- ○ Inflow/Infiltration
- ○ Pump Station Failure
- ○ Sanitary Sewer Overflows
- ○ Straight Pipe Sewer Discharges
- ● None

4. How many illicit discharges/potential illegal connections have been detected during this reporting period? 0

5. How many illicit discharges have been confirmed during this reporting period? 0

6. How many illicit discharges/illegal connections have been eliminated during this reporting period? 0

7. Has the storm sewershed mapping been completed in this reporting period? ● Yes ○ No

If No, approximately what percent was completed in this reporting period? %

8. Is the above information available in GIS? ● Yes ○ No

Is this information available on the web? ○ Yes ● No

If Yes, provide URL(s):

Please provide specific address of page where map(s) can be accessed - not home page.

URL

URL

MS4 Annual Report Form

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Name of MS4/Coalition: Suffolk County

SPDES ID: NYR20A180

8. URL(s) con't.:
Please provide specific address of page where map(s) can be accessed - not home page

URL

URL

URL

URL

URL

9. Has an IDDE law been adopted for each traditional MS4 and/or have IDDE procedures been approved for all non-traditional MS4s contributing to this report? ● Yes ○ No

10. If Yes, has every traditional MS4 contributing to this report certified that this law is equivalent to the NYS Model IDDE Law? ● Yes ○ No ○ NT

11. What percent of staff in relevant positions and departments has received IDDE training?

50 %

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2012

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition: Suffolk County

SPDES ID: NYR20A180

12. Evaluating Progress Toward Measurable Goals MCM 3

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

Update outfall GIS inventory for County roads and properties.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

Additional outfalls were located on both County roads and properties. Some were the result of retrofit projects since the last time an area was monitored and some were newly discovered outfalls. The additional information was incorporated into the Geographic Information Systems (GIS) database.

C. How many times was this observation measured or evaluated in this reporting period?

40

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?

● Yes ○ No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

● Yes ○ No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

In the next reporting period, the outfalls database will be updated as needed throughout the year.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2012

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition: Suffolk County

SPDES ID: NYR20A180

12. Evaluating Progress Toward Measurable Goals MCM 3

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

Monitor outfalls for dry weather flow as part of the comprehensive IDDE program.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

All outfalls have been monitored 3 times each for dry weather flow. The information is used to help discover illicit discharges. 18 outfalls were monitored for dry weather flow in this reporting period (the remainder of outfalls were monitored in previous years).

C. How many times was this observation measured or evaluated in this reporting period?

18

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?

● Yes ○ No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

● Yes ○ No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

In the next reporting period, continue monitoring outfalls which have not been previously monitored within the past 3 years. This will be conducted during the spring/summer/fall.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2012

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition: Suffolk County

SPDES ID: NYR20A180

12. Evaluating Progress Toward Measurable Goals MCM 3

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

The goal is to test outfalls with dry weather flow for water quality.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

4 outfalls which were previously seen to have dry weather flow were tested for water quality. Parameters included potassium, ammonia, surfactants, coliform enumeration and coliform DNA source tracking. The outfalls themselves and surrounding catch basins were tested to see if there was an illicit discharge. 1 outfall was under the jurisdiction of the County, the other 3 belonged to Town of Babylon and Patchogue Village. Appropriate data was forwarded to these other MS4's.

C. How many times was this observation measured or evaluated in this reporting period?

4

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?

● Yes ○ No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

● Yes ○ No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

Continue testing outfalls with dry weather flow until all applicable outfalls have been sampled. Will take place in the spring, summer and/or fall of the next reporting period.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2012

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition: Suffolk County

SPDES ID: NYR20A180

Minimum Control Measures 4 and 5.
Construction Site and Post-Construction Control

The information in this section is being reported (check one):

● On behalf of an individual MS4
○ On behalf of a coalition

How many MS4s contributed to this report? ___

1a. Has each MS4 contributing to this report adopted a law, ordinance or other regulatory mechanism that provides equivalent protection to the NYS SPDES General Permit for Stormwater Discharges from Construction Activities? ○ Yes ○ No

1b. Has each Town, City and/or Village contributing to this report documented that the law is equivalent to a NYSDEC Sample Local Law for Stormwater Management and Erosion and Sediment Control through either an attorney cerfification or using the NYSDEC Gap Analysis Workbook? ○ Yes ○ No ○ NT

If Yes, Towns, Cities and Villages provide date of equivalent NYS Sample Local Law.
○ 09/2004 ○ 03/2006 ○ NT

2. Does your MS4/Coalition have a SWPPP review procedure in place? ○ Yes ○ No

3. How many Construction Stormwater Pollution Prevention Plans (SWPPPs) have been reviewed in this reporting period? ___

4. Does your MS4/Coalition have a mechanism for receipt and consideration of public comments related to construction SWPPPs? ○ Yes ○ No ○ NT

If Yes, how many public comments were received during this reporting period? ___

5. Does your MS4/Coalition provide education and training for contractors about the local SWPPP process? ○ Yes ○ No

6. Identify which of the following types of enforcement actions you used during the reporting period for construction activities, indicate the number of actions, or note those for which you do not have authority:

○ Notices of Violation	#		● No Authority
○ Stop Work Orders	#		● No Authority
○ Criminal Actions	#		● No Authority
○ Termination of Contracts	#		● No Authority
○ Administrative Fines	#		● No Authority
○ Civil Penalties	#		● No Authority
○ Administrative Orders	#		● No Authority
○ Enforcement Actions or Sanctions	#		
○ Other	#		● No Authority

NOTE: THE ABOVE SECTIONS WERE NOT FILLED IN BECAUSE THEY WERE NOT APPLICABLE. SUFFOLK IS A TRADITIONAL NON-LAND USE MS4. THEREFORE,SWPPP REVIEW AND ENFORCEMENT FALLS UNDER THE JURISDICTION AND RESPONSIBILITY OF THE APPLICABLE TOWN OR VILLAGE.

9445612573

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2012

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition: Suffolk County

SPDES ID: NYR20A180

Minimum Control Measure 4. Construction Site Stormwater Runoff Control

The information in this section is being reported (check one):

● On behalf of an individual MS4
○ On behalf of a coalition

How many MS4s contributed to this report? ___

1. **How many construction projects have been authorized for disturbances of one acre or more during this reporting period?** 3

2. **How many construction projects disturbing at least one acre were active in your jurisdiction during this reporting period?** 3

3. **What percent of active construction sites were inspected during this reporting period?** ○ NT
   100 %

4. **What percent of active construction sites were inspected more than once?** ○ NT
   100 %

5. **Do all inspectors working on behalf of the MS4s contributing to this report use the NYS Construction Stormwater Inspection Manual?** ● Yes ○ No ○ NT

6. **Does your MS4/Coalition provide public access to Stormwater Pollution Prevention Plans (SWPPPs) of construction projects that are subject to MS4 review and approval?** ● Yes ○ No ○ NT

   If your MS4 is Non-Traditional, are SWPPPs of construction projects made available for public review? ○ Yes ○ No

   If Yes, use the following page to identify location(s) where SWPPPs can be accessed.

MS4 Annual Report Form

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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition: Suffolk County

SPDES ID: NYR20A180

6. con't.:

Submit additional pages as needed.

● MS4/Coalition Office

Department: Department of Public Works

Address: 335 Yaphank Avenue

City: Yaphank NY Zip: 11768-

Phone: (631) 852-4011

○ Library

Address:

City: Zip: -

Phone: ( ) -

● Other

Address: Construction Field Office

City: Various Location Zip: -

Phone: ( ) -

○ Web Page URL(s): Please provide specific address where SWPPPs can be accessed - not home page.

URL

URL

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2012

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition: Suffolk County

SPDES ID: NYR20A180

7. Evaluating Progress Toward Measurable Goals MCM 4

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

Number of violations of water quality standards received

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

Contractors operating on County projects are required to certify that they have read and understand the requirements of the SWPPP. The successful implementation of the requirements of the SWPPP by the Contractors, in addition to the County inspectors' efforts, have ensured that no water quality violations have been issued to the County. No violations were received for the reporting period.

C. How many times was this observation measured or evaluated in this reporting period?

0

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?

● Yes ○ No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

● Yes ○ No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

The goal for the upcoming reporting period is to again have no violations in water quality standards.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2012

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition: Suffolk County

SPDES ID: NYR20A180

7. Evaluating Progress Toward Measurable Goals MCM 4

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

% SWPPPs reviewed by County Engineers/Architects

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

100% of the SWPPPs prepared by County professional personnel, and prepared by Consulting firms on behalf of the County, have been reviewed by County professional staff.

C. How many times was this observation measured or evaluated in this reporting period?

100

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?

● Yes ○ No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

● Yes ○ No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

The goal for the upcoming reporting period is to again have 100% of SWPPP's for development/construction on County property reviewed.

1048119251

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2012

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition: Suffolk County

SPDES ID: NYR20A180

Minimum Control Measure 5. Post-Construction Stormwater Management

The information in this section is being reported (check one):

● On behalf of an individual MS4
○ On behalf of a coalition

How many MS4s contributed to this report? ___

1. How many and what type of post-construction stormwater management practices has your MS4/Coalition inventoried, inspected and maintained in this reporting period?

	# Inventoried	# Inspections	# Times Maintained
● Alternative Practices	12	12	5
○ Filter Systems	0	0	0
● Infiltration Basins	182	20	1
● Open Channels	2	2	0
● Ponds	61	12	2
● Wetlands	3	3	0
● Other	2140	2140	535

2. Do you use an electronic tool (e.g. GIS, database, spreadsheet) to track post-construction BMPs, inspections and maintanance? ● Yes ○ No

3. What types of non-structural practices have been used to implement Low Impact Development/Better Site Design/Green Infrastructure principles?

● Building Codes ○ Municipal Comprehensive Plans
○ Overlay Districts ● Open Space Preservation Program
○ Zoning ○ Local Law or Ordinance
○ None ○ Land Use Regulation/Zoning
○ Watershed Plans ○ Other Comprehensive Plan
○ Other:

MS4 Annual Report Form

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Name of MS4/Coalition: Suffolk County

SPDES ID: NYR20A180

4a. Are the MS4s contributing to this report involved in a regional/watershed wide planning effort?

● Yes ○ No

4b. Does the MS4 have a banking and credit system for stormwater management practices?

○ Yes ● No

4c. Do the SWMP Plans for each MS4 contributing to this report include a protocol for evaluation and approval of banking and credit of alternative siting of a stormwater management practice?

○ Yes ● No

4d. How many stormwater management practices have been implemented as part of this system in this reporting period?

0

5. What percent of municipal officials/MS4 staff responsible for program implementation attended training on Low Impace Development (LID), Better Site Design (BSD) and other Green Infrastructure principles in this reporting period?

50 %

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2012

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition: Suffolk County

SPDES ID: NYR20A180

6. Evaluating Progress Toward Measurable Goals MCM 5

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

remediation efforts with post-construction BMP's (planned or underway).

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

Suffolk County invests extensive resources into implementing remediation efforts (e.g. technologies such as leaching basins, detention ponds, and alternative BMP's). As of the end of this reporting period there were 62 projects completed (since the program began); 17 projects funded and in design phase; 7 projects are currently being constructed; and approximately 26 additional projects planned for future funding.

C. How many times was this observation measured or evaluated in this reporting period?

112

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?

● Yes ○ No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

● Yes ○ No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

The goal in the next reporting period is to continue implementing remediation efforts throughout the reporting period

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2012

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition: Suffolk County

SPDES ID: NYR20A180

6. Evaluating Progress Toward Measurable Goals MCM 5

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

# of structures inspected and maintained.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

Suffolk County expends a significant amount of effort and resources towards inspecting and maintaining stormwater structures. In this reporting period 2,189 structures were inspected and 543 structures were maintained.

C. How many times was this observation measured or evaluated in this reporting period?

543

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?

● Yes ○ No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

● Yes ○ No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

The goal in the next reporting period is to continue inspecting and maintaining a comparable number of structures.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2012

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition: Suffolk County

SPDES ID: NYR20A180

Minimum Control Measure 6. Stormwater Management for Municipal Operations

The information in this section is being reported (check one):

● On behalf of an individual MS4
○ On behalf of a coalition

How many MS4s contributed to this report? ___

1. **Choose/list each municipal operation/facility that contributes or may potentially contribute Pollutants of Concern to the MS4 system. For each operation/facility indicate whether the operation/facility has been addressed in the MS4's/Coalition's Stormwater Management Program(SWMP) Plan and whether a self-assessment has been performed during the reporting period. A self-assessment is performed to: 1) determine the sources of pollutants potentially generated by the permittee's operations and facilities; 2) evaluate the effectiveness of existing programs and 3) identify the municipal operations and facilities that will be addressed by the pollution prevention and good housekeeping program, if it's not done already.**

Operation/Activity/Facility	Addressed in SWMP?		Self-Assessment Operation/Activity/Facility performed within the past 3 years?	
Street Maintenance	● Yes	○ No	● Yes	○ No
Bridge Maintenance	● Yes	○ No	● Yes	○ No
Winter Road Maintenance	● Yes	○ No	● Yes	○ No
Salt Storage	● Yes	○ No	● Yes	○ No
Solid Waste Management	● Yes	○ No	● Yes	○ No
New Municipal Construction and Land Disturbance	● Yes	○ No	● Yes	○ No
Right of Way Maintenance	● Yes	○ No	● Yes	○ No
Marine Operations	● Yes	○ No	● Yes	○ No
Hydrologic Habitat Modification	○ Yes	● No	○ Yes	● No
Parks and Open Space	● Yes	○ No	● Yes	○ No
Municipal Building	● Yes	○ No	● Yes	○ No
Stormwater System Maintenance	● Yes	○ No	● Yes	○ No
Vehicle and Fleet Maintenance	● Yes	○ No	● Yes	○ No
Other	○ Yes	● No	○ Yes	● No

MS4 Annual Report Form

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Name of MS4/Coalition: Suffolk County

SPDES ID: NYR20A180

2. Provide the following information about municipal operations good housekeeping programs:

Parking Lots Swept (Number of acres X Number of times swept)	# Acres	300
Streets Swept (Number of miles X Number of times swept)	# Miles	1000
Catch Basins Inspected and Cleaned Where Necessary	#	2140
Post Construction Control Stormwater Management Practices Inspected and Cleaned Where Necessary	#	2189
Phosphorus Applied In Chemical Fertilizer	# Lbs.	444
Nitrogen Applied In Chemical Fertilizer	# Lbs.	13344
Pesticide/Herbicide Applied (Number of acres to which pesticide/herbicide was applied X Number of times applied to the nearest tenth.)	# Acres	554.0

3. How many stormwater management trainings have been provided to municipal employees during this reporting period? 6

4. What was the date of the last training? 02 / 29 / 2012

5. How many municipal employees have been trained in this reporting period? 53

6. What percent of municipal employees in relevant positions and departments receive stormwater management training? 75 %

MS4 Annual Report Form

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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition: Suffolk County

SPDES ID: NYR20A180

7. Evaluating Progress Toward Measurable Goals MCM 6

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

cubic yards debris removed from roads or parking lots

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

An extensive amount of debris is removed from County roadways and parking lots each year. In the current reporting period, approximately 3,000 cubic yards of debris was removed.

C. How many times was this observation measured or evaluated in this reporting period?

3000

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?

● Yes ○ No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

● Yes ○ No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

The goal for the next reporting period is to collect a comparable amount of debris throughout the year.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2012

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition: Suffolk County

SPDES ID: NYR20A180

7. Evaluating Progress Toward Measurable Goals MCM 6

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

# of catch basins inspected and cleaned

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

Increased inspections and cleanings results in a decrease in deployment of personnel during storm events to perform emergency maintenance. The number of catch basins cleaned in the current reporting year was 298.

C. How many times was this observation measured or evaluated in this reporting period?

298

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?

● Yes ○ No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

● Yes ○ No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

The goal for the next permit period is conduct a similar number of inspections and cleanings throughout the year.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2012

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition: Suffolk County

SPDES ID: NYR20A180

7. Evaluating Progress Toward Measurable Goals MCM 6

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

cubic yards debris removed from stormwater management practices

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

An extensive amount of debris is removed from stormwater management practices each year. In the current reporting year, 1530 cubic yards of debris was removed.

C. How many times was this observation measured or evaluated in this reporting period?

1530

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?

● Yes ○ No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

● Yes ○ No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

The goal for the next reporting period is to collect a comparable amount of debris throughout the year.

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2012

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition: Suffolk County

SPDES ID: NYR20A180

7. Evaluating Progress Toward Measurable Goals MCM 6

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

To reduce fecal coliform inputs into Suffolk County water bodies by conducting a Canada Goose egg oiling program.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

Staff spent an extensive amount of time identifying areas where goose management efforts were needed. A total of 40 nests were treated during the 2011 nesting season, which included 203 eggs oiled.

C. How many times was this observation measured or evaluated in this reporting period?

203

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?

● Yes ○ No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

● Yes ○ No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

The goal is to continue the goose management program next reporting year and address newly identified sites as needed.

MS4 Annual Report Form

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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition: Suffolk County

SPDES ID: NYR20A180

7. Evaluating Progress Toward Measurable Goals MCM 6

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.

To reduce coliform bacteria inputs by operating pump-out facilities at County marinas.

B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.

Total volume pumped out of boats was 29,000 gallons. This minimizes the chance that boaters will dump the contents out into sensitive waterbodies.

C. How many times was this observation measured or evaluated in this reporting period?

29000

(ex.: samples/participants/events)

D. Has your MS4 made progress toward this measurable goal during this reporting period?

◉ Yes ○ No

E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?

◉ Yes ○ No

F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).

Continue operating pump-out facilities in the next reporting year.

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Name of MS4/Coalition: Suffolk County

SPDES ID: NYR20A180

Additional Watershed Improvement Strategy Best Management Practices

The information in this section is being reported (check one):

● On behalf of an individual MS4
○ On behalf of a coalition

How many MS4s contributed to this report? ___

MS4s must answer the questions or check NA as indicated in the table below.

MS4 Description	Answer	Check NA	(POC)
NYC EOH Watershed	-	-	-
Traditional Land Use	1,2,3,4,5,6,7a-d,8a,8b,9	10,11,12	Phosphorus
Traditional Non-Land Use	1,2,3,4,7a-d,8a,8b,9	5,10,11,12	Phosphorus
Non-Traditional	1,2,77a-d,8a,8b,9	3,4,5,10,11,12	Phosphorus
Onondaga Lake Watershed	-	-	-
Traditional Land Use	1,6,7a-d,8a,9	2,3,4,5,8b,10,11,12	Phosphorus
Traditional Non-Land Use	1,6,7a-d,8a,9	2,3,4,5,8b,10,11,12	Phosphorus
Non-Traditional	1,6,7a-d,8a,9	2,3,4,5,8b,10,11,12	Phosphorus
Greenwood Lake Watershed	-	-	-
Traditional Land Use	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
Traditional Non-Land Use	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
Non-Traditional	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
Oyster Bay	-	-	-
Traditional Land Use	1,4,7a-d,9,10,11,12	2,3,5,6,8a,8b	Pathogens
Traditional Non-Land Use	1,4,7a-d,9,10,11,12	2,3,5,6,8a,8b	Pathogens
Non-Traditional	1,4,7a-d,9	2,3,4,5,8a,8b,10,11,12	Pathogens
Peconic Estuary	-	-	-
Traditional Land Use	1,4,7a-d,8a,9,10,11,12	2,3,5,6,8b	Pathogens and Nitrogen
Traditional Non-Land Use	1,4,7a-d,8a,9,10,11,12	2,3,5,6,8b	Pathogens and Nitrogen
Non-Traditional	1,4,7a-d,8a,9	2,3,4,5,8b,10,11,12	Pathogens and Nitrogen
Oscawana Lake Watershed	-	-	-
Traditional Land Use	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
Traditional Non-Land Use	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
Non-Traditional	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
LI 27 Embayments	-	-	-
Traditional Land Use	1,2,3,4,7a-d,9,10,11,12	5,6,8a,8b	Pathogens
Traditional Non-Land Use	1,2,3,4,7a-d,9,10,11,12	5,6,8a,8b	Pathogens
Non-Traditional	1,2,3,4,7a-d,9	5,6,8a,8b,10,11,12	Pathogens

1. **Does your MS4/Coalition have an education program addressing impacts of phosphorus/nitrogen/pathogens on waterbodies?** ● Yes ○ No ○ N/A

2. **Has 100% of the MS4/Coalition conveyance system been mapped in GIS?** ● Yes ○ No ○ N/A

   If N/A, go to question 3.

   If No, estimate what percentage of the conveyance system has been mapped so far. 100 %

   Estimate what percentage was mapped in this reporting period. 20 %

MS4 Annual Report Form

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Name of MS4/Coalition: Suffolk County

SPDES ID: NYR20A180

3. **Does your MS4/Coalition have a Stormwater Conveyance System (infrastructure) Inspection and Maintenance Plan Program?** ● Yes ○ No ○ N/A

4. **Estimate the percentage of on-site wastewater treatment systems that have been inspected and maintained or rehabilitated as necessary in this reporting period?** 0 %

5. **Has your MS4/Coalition developed a program that provides protection equivalent to the NYSDEC SPDES General Permit for Stormwater Discharges from Construction Activities (GP-0-08-001) to reduce pollutants in stormwater runoff from construction activities that disturb five thousand square feet or more?** ○ Yes ○ No ● N/A

6. **Has your MS4/Coalition developed a program to address post-construction stormwater runoff from new development and redevelopment projects that disturb greater than or equal to one acre that provides equivalent protection to the NYS DEC SPDES General Permit for Stormwater Discharges from Construction Activities (GP-0-08-001), including the New York State Stormwater Design Manual Enhanced Phosphorus Removal Standards?** ○ Yes ○ No ● N/A

7a. **Does your MS4/Coalition have a retrofitting program to reduce erosion or phosphorus/nitrogen/pathogen loading?** ● Yes ○ No ○ N/A

7b. **How many projects have been sited in this reporting period?** 24

7c. **What percent of the projects included in 7b have been completed in this reporting period?** 0 %

7d. **What percent of projects planned in previous years have been completed?** 50 %

○ No Projects Planned

8a. **Has your MS4/Coalition developed and implemented a turf management practices and procedures policy that addresses proper fertilizer application on municipally owned lands?** ● Yes ○ No ○ N/A

8b. **Has your MS4/Coalition developed and implemented a turf management practices and procedures policy that addresses proper disposal of grass clippings and leaves from municipally owned lands?** ○ Yes ○ No ● N/A

MS4 Annual Report Form

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Name of MS4/Coalition: Suffolk County

SPDES ID: NYR20A180

9. Has your MS4/Coalition developed and implemented a program of native planting?
● Yes ○ No ○ N/A

10. Has your MS4/Coalition enacted a local law prohibiting pet waste on municipal properties and prohibiting goose feeding?
● Yes ○ No ○ N/A

11. Does your MS4/Coalition have a pet waste bag program?
● Yes ○ No ○ N/A

12. Does your MS4/Coalition have a program to manage goose populations?
● Yes ○ No ○ N/A

Appendix 1 – Executive Director Authorization Form

Authorization
Phase II Stormwater Management Program

Steve Levy, Suffolk County Executive, hereby appoints **Gilbert Anderson, P.E., Commissioner of the Department of Public Works,** as his designee, authorizing him to act on behalf of the County of Suffolk in all matters related to the Phase II Stormwater Management Program and to make application, sign and submit project documentation, and otherwise act for the County of Suffolk in the matters related to the program.

COUNTY OF SUFFOLK

By: _____
Steve Levy
County Executive

Date: 4/8/10

Acknowledgment

STATE OF NEW YORK)
) ss.:
COUNTY OF SUFFOLK)

On the 8th day of April in the year 2010 before me, the undersigned, a Notary Public, personally appeared **Steve Levy**, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity as **County Executive of the County of Suffolk**, and that by his signature on the instrument, he executed the above authorization for and on behalf of the County of Suffolk by virtue of the authority in him vested as such County Executive.

_____
Signature of Notary Public

SUSAN A LIENAU
NOTARY PUBLIC-STATE OF NEW YORK
No. 01LI6148903
Qualified in Suffolk County
My Commission Expires July 03, 2010

Appendix 2 – Annual Report Comments

617.20
Appendix A
State Environmental Quality Review
FULL ENVIRONMENTAL ASSESSMENT FORM

Purpose: The full EAF is designed to help applicants and agencies determine, in an orderly manner, whether a project or action may be significant. The question of whether an action may be significant is not always easy to answer. Frequently, there are aspects of a project that are subjective or unmeasurable. It is also understood that those who determine significance may have little or no formal knowledge of the environment or may not be technically expert in environmental analysis. In addition, many who have knowledge in one particular area may not be aware of the broader concerns affecting the question of significance.

The full EAF is intended to provide a method whereby applicants and agencies can be assured that the determination process has been orderly, comprehensive in nature, yet flexible enough to allow introduction of information to fit a project or action.

Full EAF Components: The full EAF is comprised of three parts:

Part 1: Provides objective data and information about a given project and its site. By identifying basic project data, it assists a reviewer in the analysis that takes place in Parts 2 and 3.

Part 2: Focuses on identifying the range of possible impacts that may occur from a project or action. It provides guidance as to whether an impact is likely to be considered small to moderate or whether it is a potentially-large impact. The form also identifies whether an impact can be mitigated or reduced.

Part 3: If any impact in Part 2 is identified as potentially-large, then Part 3 is used to evaluate whether or not the impact is actually important.

THIS AREA FOR LEAD AGENCY USE ONLY

DETERMINATION OF SIGNIFICANCE -- Type 1 and Unlisted Actions

Identify the Portions of EAF completed for this project: ☑ Part 1 ☐ Part 2 ☐ Part 3

Upon review of the information recorded on this EAF (Parts 1 and 2 and 3 if appropriate), and any other supporting information, and considering both the magnitude and importance of each impact, it is reasonably determined by the lead agency that:

☒ A. The project will not result in any large and important impact(s) and, therefore, is one which **will not** have a significant impact on the environment, therefore **a negative declaration will be prepared.**

☐ B. Although the project could have a significant effect on the environment, there will not be a significant effect for this Unlisted Action because the mitigation measures described in PART 3 have been required, therefore **a CONDITIONED negative declaration will be prepared.***

☐ C. The project may result in one or more large and important impacts that may have a significant impact on the environment, therefore **a positive declaration will be prepared.**

*A Conditioned Negative Declaration is only valid for Unlisted Actions

enXco Eastern Long Island Solar Project at SCCC, Grant Campus, Brentwood, New York

Name of Action

Suffolk County

Name of Lead Agency

SARAH LANSDALE

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)

4/13/12

Date

website

PART 1--PROJECT INFORMATION
Prepared by Project Sponsor

NOTICE: This document is designed to assist in determining whether the action proposed may have a significant effect on the environment. Please complete the entire form, Parts A through E. Answers to these questions will be considered as part of the application for approval and may be subject to further verification and public review. Provide any additional information you believe will be needed to complete Parts 2 and 3.

It is expected that completion of the full EAF will be dependent on information currently available and will not involve new studies, research or investigation. If information requiring such additional work is unavailable, so indicate and specify each instance.

Name of Action enXco Eastern Long Island Solar Project, SCCC Grant Campus, Brentwood, New York

Location of Action (include Street Address, Municipality and County)

Suffolk County Community College, Grant Campus
Crooked Hill Road, Brentwood, Suffolk County

Name of Applicant/Sponsor ELISP

Address 15445 Innovation Drive

City / PO Sandiego State CA Zip Code 92109

Business Telephone (818) 521-3300

Name of Owner (if different) Contact Person: Lee Connor, Program Manager

Address Same as above

City / PO _____ State _____ Zip Code _____

Business Telephone _____

Description of Action:

The proposed action involves the construction and operation by Eastern Long Island Solar Project, LLC, an affiliate of enXco Development Corporation (enXco), of up to approximately 5.0 megawatts (MW) of solar photovoltaic (PV) carports within existing parking lots at Suffolk County Community College, Grant Campus in Brentwood, New York, as well as the installation of short distribution lines from the PV sites to connect to the LIPA electrical system. Pursuant to a power purchase agreement that LIPA has entered into with enXco, power from this project will be sold to LIPA for use in the LIPA service area, and will help LIPA to meet Long Island's energy needs, air emission reduction targets, and New York State's renewable energy goals. Suffolk County, together with enXco and LIPA, previously selected seven sites for the County-wide project. LIPA, which assumed lead agency status, prepared a thorough environmental assessment of the cumulative and site-specific impacts of installing Solar Generating Facilities (SGFs) at those sites. Based on that assessment, LIPA determined that the project would not have any significant adverse impact on the environment and, accordingly, that an environmental impact statement was not required. A SEQRA negative declaration was entered. Construction at six of these sites is completed or underway.

Subsequent to the negative declaration, and for reasons unrelated to environmental impacts, it was determined that one of the seven originally selected project sites, the Ronkonkoma LIRR Train Station, was not a feasible option for SGF installation. The Suffolk County Community College Grant Campus at Brentwood, in the Town of Islip, has been selected as an alternate project site for PV installation. To the extent that LIPA's original environmental assessment applies, it is incorporated by reference herein.

Please Complete Each Question--Indicate N.A. if not applicable

A. SITE DESCRIPTION

Physical setting of overall project, both developed and undeveloped areas.

1. Present Land Use: ☐ Urban ☐ Industrial ☐ Commercial ☐ Residential (suburban) ☐ Rural (non-farm)
   ☐ Forest ☐ Agriculture ☑ Other Insitutional. Solar PV equipment will be installed in existing County-owned parking lot at Suffolk County Community College, Grant Campus, in Brentwood.

2. Total acreage of project area: 3 - 5 acres.

APPROXIMATE ACREAGE	PRESENTLY	AFTER COMPLETION
Meadow or Brushland (Non-agricultural)	____ acres	____ acres
Forested	____ acres	____ acres
Agricultural (Includes orchards, cropland, pasture, etc.)	____ acres	____ acres
Wetland (Freshwater or tidal as per Articles 24,25 of ECL)	____ acres	____ acres
Water Surface Area	____ acres	____ acres
Unvegetated (Rock, earth or fill)	____ acres	____ acres
Roads, buildings and other paved surfaces	3 - 5 acres	3 - 5 acres
Other (Indicate type) ____	____ acres	____ acres

3. What is predominant soil type(s) on project site? Cut and Fill
   a. Soil drainage: ☑ Well drained 100 % of site ☐ Moderately well drained ____% of site.
   ☐ Poorly drained ____% of site
   b. If any agricultural land is involved, how many acres of soil are classified within soil group 1 through 4 of the NYS Land Classification System? NA acres (see 1 NYCRR 370).

4. Are there bedrock outcroppings on project site? ☐ Yes ☒ No
   a. What is depth to bedrock > 1500 (in feet)

5. Approximate percentage of proposed project site with slopes:
   ☑ 0-10% 100 % ☐ 10- 15% ____% ☐ 15% or greater ____%

6. Is project substantially contiguous to, or contain a building, site, or district, listed on the State or National Registers of Historic Places? ☐ Yes ☒ No

7. Is project substantially contiguous to a site listed on the Register of National Natural Landmarks? ☐ Yes ☒ No

8. What is the depth of the water table? 50 - 70 (in feet)

9. Is site located over a primary, principal, or sole source aquifer? ☒ Yes ☐ No

10. Do hunting, fishing or shell fishing opportunities presently exist in the project area? ☐ Yes ☒ No

11. Does project site contain any species of plant or animal life that is identified as threatened or endangered? ☐ Yes ☒ No

According to:

Project site is on existing parking lots. No threatened or endangered species documented or expected. Comments solicited from USFWS and NYSDEC.

Identify each species:

12. Are there any unique or unusual land forms on the project site? (i.e., cliffs, dunes, other geological formations?

☐ Yes ☒ No

Describe:

13. Is the project site presently used by the community or neighborhood as an open space or recreation area?

☐ Yes ☒ No

If yes, explain:

14. Does the present site include scenic views known to be important to the community? ☐ Yes ☒ No

15. Streams within or contiguous to project area:

None.

a. Name of Stream and name of River to which it is tributary

16. Lakes, ponds, wetland areas within or contiguous to project area:

A stormwater basin/sump on the western edge of Grant Campus appears as a "freshwater pond" on the National Wetlands Inventory. The basin is not a NYSDEC designated wetland. It is approximately 250 feet west of the southwest corner of Parking Lot #1 (see Exhibit 2).

b. Size (in acres):

< .5

17. Is the site served by existing public utilities? ☒ Yes ☐ No

a. If **YES**, does sufficient capacity exist to allow connection? ☒ Yes ☐ No

b. If **YES**, will improvements be necessary to allow connection? ☒ Yes ☐ No

18. Is the site located in an agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? ☐ Yes ☒ No

19. Is the site located in or substantially contiguous to a Critical Environmental Area designated pursuant to Article 8 of the ECL, and 6 NYCRR 617? ☐ Yes ☒ No

20. Has the site ever been used for the disposal of solid or hazardous wastes? ☐ Yes ☒ No

B. Project Description

1. Physical dimensions and scale of project (fill in dimensions as appropriate).

a. Total contiguous acreage owned or controlled by project sponsor: 202 acres.

b. Project acreage to be developed: 3 - 5 acres initially; 3 - 5 acres ultimately.

c. Project acreage to remain undeveloped: N/A acres.

d. Length of project, in miles: N/A (if appropriate)

e. If the project is an expansion, indicate percent of expansion proposed. N/A %

f. Number of off-street parking spaces existing 1,900 ; proposed N/A

g. Maximum vehicular trips generated per hour: N/A (upon completion of project)?

h. If residential: Number and type of housing units:

	One Family	Two Family	Multiple Family	Condominium
Initially				
Ultimately				

i. Dimensions (in feet) of largest proposed structure: 16.5 height; 40 width; 500 length.

j. Linear feet of frontage along a public thoroughfare project will occupy is? N/A ft.

2. How much natural material (i.e. rock, earth, etc.) will be removed from the site? 500-700 tons/cubic yards.

3. Will disturbed areas be reclaimed ☒ Yes ☐ No ☐ N/A

a. If yes, for what intended purpose is the site being reclaimed?

Restore parking lots at each site. Majority of stockpiled soil will be returned to the earth. The excess soils, together with removed pavements, will be stockpiled on-site for removal to a state-permitted construction and demolition debris recycling facility.

b. Will topsoil be stockpiled for reclamation? ☒ Yes ☐ No

c. Will upper subsoil be stockpiled for reclamation? ☒ Yes ☐ No

4. How many acres of vegetation (trees, shrubs, ground covers) will be removed from site? 70 trees acres.

5. Will any mature forest (over 100 years old) or other locally-important vegetation be removed by this project?

☐ Yes ☒ No

6. If single phase project: Anticipated period of construction: <11 months, (including demolition)

7. If multi-phased:

   a. Total number of phases anticipated 1 (number)

   b. Anticipated date of commencement phase 1: _____ month _____ year, (including demolition)

   c. Approximate completion date of final phase: _____ month _____ year.

   d. Is phase 1 functionally dependent on subsequent phases? ☐ Yes ☐ No

8. Will blasting occur during construction? ☐ Yes ☒ No

9. Number of jobs generated: during construction 10 - 25 ; after project is complete 0 - 2

10. Number of jobs eliminated by this project 0 .

11. Will project require relocation of any projects or facilities? ☐ Yes ☒ No

    If yes, explain:

12. Is surface liquid waste disposal involved? ☐ Yes ☒ No

    a. If yes, indicate type of waste (sewage, industrial, etc) and amount _____

    b. Name of water body into which effluent will be discharged _____

13. Is subsurface liquid waste disposal involved? ☐ Yes ☒ No Type _____

14. Will surface area of an existing water body increase or decrease by proposal? ☐ Yes ☒ No

    If yes, explain:

15. Is project or any portion of project located in a 100 year flood plain? ☐ Yes ☒ No

16. Will the project generate solid waste? ☐ Yes ☒ No

    a. If yes, what is the amount per month? _____ tons

    b. If yes, will an existing solid waste facility be used? ☐ Yes ☐ No

    c. If yes, give name _____ ; location _____

    d. Will any wastes not go into a sewage disposal system or into a sanitary landfill? ☐ Yes ☒ No

e. If yes, explain:

17. Will the project involve the disposal of solid waste? ☐ Yes ☒ No

    a. If yes, what is the anticipated rate of disposal? _____ tons/month.

    b. If yes, what is the anticipated site life? _____ years.

18. Will project use herbicides or pesticides? ☐ Yes ☒ No

19. Will project routinely produce odors (more than one hour per day)? ☐ Yes ☒ No

20. Will project produce operating noise exceeding the local ambient noise levels? ☐ Yes ☒ No

21. Will project result in an increase in energy use? ☐ Yes ☒ No

    If yes, indicate type(s)

As a renewable energy generation project, operation may result in a reduction in the use of fossil fuels (oil and natural gas) by Long Island's existing, non-renewable electric generation sources.

22. If water supply is from wells, indicate pumping capacity N/A gallons/minute.

23. Total anticipated water usage per day N/A gallons/day.

24. Does project involve Local, State or Federal funding? ☒ Yes ☐ No

    If yes, explain:

Funds have been or may be provided to LIPA by the NYSERDA through the U.S. Department of Energy.

25. **Approvals Required:**

			Type	Submittal Date
City, Town, Village Board	☐ Yes	☒ No		
City, Town, Village Planning Board	☐ Yes	☒ No		
City, Town Zoning Board	☐ Yes	☒ No		
City, County Health Department	☐ Yes	☒ No		
Other Local Agencies	☐ Yes	☒ No		
Other Regional Agencies	☒ Yes	☐ No	SC Building Department	
State Agencies	☒ Yes	☐ No	NYSDEC - Stormwater OPHRP Arch. Site Clear.	
Federal Agencies	☐ Yes	☒ No		

C. **Zoning and Planning Information**

1. Does proposed action involve a planning or zoning decision? ☒ Yes ☐ No

If Yes, indicate decision required:

☐ Zoning amendment ☐ Zoning variance ☐ New/revision of master plan ☐ Subdivision

☒ Site plan ☐ Special use permit ☐ Resource management plan ☒ Other

2. What is the zoning classification(s) of the site?

AAA Residential
(Section 7100, Block 100, Lot 12004)

3. What is the maximum potential development of the site if developed as permitted by the present zoning?

N/A. The project will result in the installation of Solar PV equipment on newly installed carports located within an existing paved parking lot at SCCCC, Brentwood Campus. The maximum output that can be generated at the site is 5.00 MW (AC) of power.

4. What is the proposed zoning of the site?

Same as existing.

5. What is the maximum potential development of the site if developed as permitted by the proposed zoning?

See #3 above

6. Is the proposed action consistent with the recommended uses in adopted local land use plans? ☒ Yes ☐ No

7. What are the predominant land use(s) and zoning classifications within a ¼ mile radius of proposed action?

Commercial/Industrial (north of LIE); Medium-density residential (east of Wicks Road); Public School/Recreational (south of Campus Road/County Road 106); Community Facilities (NY State Troopers & Pilgrim State Psychiatric Hospital, west of Crooked Hill Road and Sagtikos Parkway).

8. Is the proposed action compatible with adjoining/surrounding land uses with a ¼ mile? ☒ Yes ☐ No

9. If the proposed action is the subdivision of land, how many lots are proposed? N/A

   a. What is the minimum lot size proposed? _____

10. Will proposed action require any authorization(s) for the formation of sewer or water districts? ☐ Yes ☒ No

11. Will the proposed action create a demand for any community provided services (recreation, education, police, fire protection?

☐ Yes ☒ No

a. If yes, is existing capacity sufficient to handle projected demand? ☐ Yes ☐ No

N/A

12. Will the proposed action result in the generation of traffic significantly above present levels? ☐ Yes ☒ No

a. If yes, is the existing road network adequate to handle the additional traffic. ☐ Yes ☐ No

N/A

D. Informational Details

Attach any additional information as may be needed to clarify your project. If there are or may be any adverse impacts associated with your proposal, please discuss such impacts and the measures which you propose to mitigate or avoid them.

E. Verification

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

Applicant/Sponsor Name _____ Date _____

Signature _____

Title _____

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

PART 2 - PROJECT IMPACTS AND THEIR MAGNITUDE

Responsibility of Lead Agency

General Information (Read Carefully)

! In completing the form the reviewer should be guided by the question: Have my responses and determinations been **reasonable?** The reviewer is not expected to be an expert environmental analyst.

! The **Examples** provided are to assist the reviewer by showing types of impacts and wherever possible the threshold of magnitude that would trigger a response in column 2. The examples are generally applicable throughout the State and for most situations. But, for any specific project or site other examples and/or lower thresholds may be appropriate for a Potential Large Impact response, thus requiring evaluation in Part 3.

! The impacts of each project, on each site, in each locality, will vary. Therefore, the examples are illustrative and have been offered as guidance. They do not constitute an exhaustive list of impacts and thresholds to answer each question.

! The number of examples per question does not indicate the importance of each question.

! In identifying impacts, consider long term, short term and cumulative effects.

Instructions (Read carefully)

a. Answer each of the 20 questions in PART 2. Answer **Yes** if there will be **any** impact.

b. **Maybe** answers should be considered as **Yes** answers.

c. If answering **Yes** to a question then check the appropriate box(column 1 or 2)to indicate the potential size of the impact. If impact threshold equals or exceeds any example provided, check column 2. If impact will occur but threshold is lower than example, check column 1.

d. Identifying that an Impact will be potentially large (column 2) does not mean that it is also necessarily **significant**. Any large impact must be evaluated in PART 3 to determine significance. Identifying an impact in column 2 simply asks that it be looked at further.

e. If reviewer has doubt about size of the impact then consider the impact as potentially large and proceed to PART 3.

f. If a potentially large impact checked in column 2 can be mitigated by change(s) in the project to a small to moderate impact, also check the **Yes** box in column 3. A **No** response indicates that such a reduction is not possible. This must be explained in Part 3.

	1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact Be Mitigated by Project Change
Impact on Land			
1. Will the Proposed Action result in a physical change to the project site? NO ☐ YES ☒			
Examples that would apply to column 2			
• Any construction on slopes of 15% or greater, (15 foot rise per 100 foot of length), or where the general slopes in the project area exceed 10%.	☐	☐	☐ Yes ☐ No
• Construction on land where the depth to the water table is less than 3 feet.	☐	☐	☐ Yes ☐ No
• Construction of paved parking area for 1,000 or more vehicles.	☐	☐	☐ Yes ☐ No
• Construction on land where bedrock is exposed or generally within 3 feet of existing ground surface.	☐	☐	☐ Yes ☐ No
• Construction that will continue for more than 1 year or involve more than one phase or stage.	☒	☐	☐ Yes ☐ No
• Excavation for mining purposes that would remove more than 1,000 tons of natural material (i.e., rock or soil) per year.	☐	☐	☐ Yes ☐ No

	1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact Be Mitigated by Project Change
• Construction or expansion of a santary landfill.	☐	☐	☐ Yes ☐ No
• Construction in a designated floodway.	☐	☐	☐ Yes ☐ No
• Other impacts:	☐	☐	☐ Yes ☐ No

Construction not anticipated to exceed one year.

2. Will there be an effect to any unique or unusual land forms found on the site? (i.e., cliffs, dunes, geological formations, etc.)

☒ NO ☐ YES

• Specific land forms:	☐	☐	☐ Yes ☐ No

Impact on Water

3. Will Proposed Action affect any water body designated as protected? (Under Articles 15, 24, 25 of the Environmental Conservation Law, ECL)

☒ NO ☐ YES

Examples that would apply to column 2

• Developable area of site contains a protected water body.	☐	☐	☐ Yes ☐ No
• Dredging more than 100 cubic yards of material from channel of a protected stream.	☐	☐	☐ Yes ☐ No
• Extension of utility distribution facilities through a protected water body.	☐	☐	☐ Yes ☐ No
• Construction in a designated freshwater or tidal wetland.	☐	☐	☐ Yes ☐ No
• Other impacts:	☐	☐	☐ Yes ☐ No

4. Will Proposed Action affect any non-protected existing or new body of water?

☒ NO ☐ YES

Examples that would apply to column 2

• A 10% increase or decrease in the surface area of any body of water or more than a 10 acre increase or decrease.	☐	☐	☐ Yes ☐ No
• Construction of a body of water that exceeds 10 acres of surface area.	☐	☐	☐ Yes ☐ No
• Other impacts:	☐	☐	☐ Yes ☐ No

A sump appearing as a freshwater pond on the National Wetlands Inventory is approximately 250 ft w. of Parking Lot 1. The sump is not a DEC designated wetland. No expected affect to sump.

	1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact Be Mitigated by Project Change
5. Will Proposed Action affect surface or groundwater quality or quantity? ☒ NO ☐ YES			
Examples that would apply to column 2			
• Proposed Action will require a discharge permit.	☐	☐	☐ Yes ☐ No
• Proposed Action requires use of a source of water that does not have approval to serve proposed (project) action.	☐	☐	☐ Yes ☐ No
• Proposed Action requires water supply from wells with greater than 45 gallons per minute pumping capacity.	☐	☐	☐ Yes ☐ No
• Construction or operation causing any contamination of a water supply system.	☐	☐	☐ Yes ☐ No
• Proposed Action will adversely affect groundwater.	☐	☐	☐ Yes ☐ No
• Liquid effluent will be conveyed off the site to facilities which presently do not exist or have inadequate capacity.	☐	☐	☐ Yes ☐ No
• Proposed Action would use water in excess of 20,000 gallons per day.	☐	☐	☐ Yes ☐ No
• Proposed Action will likely cause siltation or other discharge into an existing body of water to the extent that there will be an obvious visual contrast to natural conditions.	☐	☐	☐ Yes ☐ No
• Proposed Action will require the storage of petroleum or chemical products greater than 1,100 gallons.	☐	☐	☐ Yes ☐ No
• Proposed Action will allow residential uses in areas without water and/or sewer services.	☐	☐	☐ Yes ☐ No
• Proposed Action locates commercial and/or industrial uses which may require new or expansion of existing waste treatment and/or storage facilities.	☐	☐	☐ Yes ☐ No
• Other impacts:	☐	☐	☐ Yes ☐ No

	1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact Be Mitigated by Project Change

6. Will Proposed Action alter drainage flow or patterns, or surface water runoff?
   [■] NO [ ] YES

Examples that would apply to column 2			
• Proposed Action would change flood water flows	[ ]	[ ]	[ ] Yes [ ] No
• Proposed Action may cause substantial erosion.	[ ]	[ ]	[ ] Yes [ ] No
• Proposed Action is incompatible with existing drainage patterns.	[ ]	[ ]	[ ] Yes [ ] No
• Proposed Action will allow development in a designated floodway.	[ ]	[ ]	[ ] Yes [ ] No
• Other impacts:	[ ]	[ ]	[ ] Yes [ ] No

IMPACT ON AIR

7. Will Proposed Action affect air quality?
   [■] NO [ ] YES

Examples that would apply to column 2			
• Proposed Action will induce 1,000 or more vehicle trips in any given hour.	[ ]	[ ]	[ ] Yes [ ] No
• Proposed Action will result in the incineration of more than 1 ton of refuse per hour.	[ ]	[ ]	[ ] Yes [ ] No
• Emission rate of total contaminants will exceed 5 lbs. per hour or a heat source producing more than 10 million BTU's per hour.	[ ]	[ ]	[ ] Yes [ ] No
• Proposed Action will allow an increase in the amount of land committed to industrial use.	[ ]	[ ]	[ ] Yes [ ] No
• Proposed Action will allow an increase in the density of industrial development within existing industrial areas.	[ ]	[ ]	[ ] Yes [ ] No
• Other impacts:	[ ]	[ ]	[ ] Yes [ ] No

IMPACT ON PLANTS AND ANIMALS

8. Will Proposed Action affect any threatened or endangered species?
   [■] NO [ ] YES

Examples that would apply to column 2			
• Reduction of one or more species listed on the New York or Federal list, using the site, over or near the site, or found on the site.	[ ]	[ ]	[ ] Yes [ ] No

	1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact Be Mitigated by Project Change
• Removal of any portion of a critical or significant wildlife habitat.	☐	☐	☐ Yes ☐ No
• Application of pesticide or herbicide more than twice a year, other than for agricultural purposes.	☐	☐	☐ Yes ☐ No
• Other impacts:	☐	☐	☐ Yes ☐ No

9. Will Proposed Action substantially affect non-threatened or non-endangered species?
   ☒ NO ☐ YES

Examples that would apply to column 2

• Proposed Action would substantially interfere with any resident or migratory fish, shellfish or wildlife species.	☐	☐	☐ Yes ☐ No
• Proposed Action requires the removal of more than 10 acres of mature forest (over 100 years of age) or other locally important vegetation.	☐	☐	☐ Yes ☐ No
• Other impacts:	☐	☐	☐ Yes ☐ No

IMPACT ON AGRICULTURAL LAND RESOURCES

10. Will Proposed Action affect agricultural land resources?
    ☒ NO ☐ YES

Examples that would apply to column 2

• The Proposed Action would sever, cross or limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc.)	☐	☐	☐ Yes ☐ No
• Construction activity would excavate or compact the soil profile of agricultural land.	☐	☐	☐ Yes ☐ No
• The Proposed Action would irreversibly convert more than 10 acres of agricultural land or, if located in an Agricultural District, more than 2.5 acres of agricultural land.	☐	☐	☐ Yes ☐ No

	1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact Be Mitigated by Project Change
• The Proposed Action would disrupt or prevent installation of agricultural land management systems (e.g., subsurface drain lines, outlet ditches, strip cropping); or create a need for such measures (e.g. cause a farm field to drain poorly due to increased runoff).	☐	☐	☐ Yes ☐ No
• Other impacts:	☐	☐	☐ Yes ☐ No

IMPACT ON AESTHETIC RESOURCES

11. Will Proposed Action affect aesthetic resources? (If necessary, use the Visual EAF Addendum in Section 617.20, Appendix B.)
☒ NO ☐ YES

Examples that would apply to column 2

• Proposed land uses, or project components obviously different from or in sharp contrast to current surrounding land use patterns, whether man-made or natural.	☐	☐	☐ Yes ☐ No
• Proposed land uses, or project components visible to users of aesthetic resources which will eliminate or significantly reduce their enjoyment of the aesthetic qualities of that resource.	☐	☐	☐ Yes ☐ No
• Project components that will result in the elimination or significant screening of scenic views known to be important to the area.	☐	☐	☐ Yes ☐ No
• Other impacts:	☐	☐	☐ Yes ☐ No

IMPACT ON HISTORIC AND ARCHAEOLOGICAL RESOURCES

12. Will Proposed Action impact any site or structure of historic, prehistoric or paleontological importance?
☒ NO ☐ YES

Examples that would apply to column 2

• Proposed Action occurring wholly or partially within or substantially contiguous to any facility or site listed on the State or National Register of historic places.	☐	☐	☐ Yes ☐ No
• Any impact to an archaeological site or fossil bed located within the project site.	☐	☐	☐ Yes ☐ No
• Proposed Action will occur in an area designated as sensitive for archaeological sites on the NYS Site Inventory.	☐	☐	☐ Yes ☐ No

	1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact Be Mitigated by Project Change
• Other impacts:	☐	☐	☐ Yes ☐ No

IMPACT ON OPEN SPACE AND RECREATION

13. Will proposed Action affect the quantity or quality of existing or future open spaces or recreational opportunities?
☒ NO ☐ YES

Examples that would apply to column 2			
• The permanent foreclosure of a future recreational opportunity.	☐	☐	☐ Yes ☐ No
• A major reduction of an open space important to the community.	☐	☐	☐ Yes ☐ No
• Other impacts:	☐	☐	☐ Yes ☐ No

IMPACT ON CRITICAL ENVIRONMENTAL AREAS

14. Will Proposed Action impact the exceptional or unique characteristics of a critical environmental area (CEA) established pursuant to subdivision 6NYCRR 617.14(g)?
☒ NO ☐ YES

List the environmental characteristics that caused the designation of the CEA.

Examples that would apply to column 2			
• Proposed Action to locate within the CEA?	☐	☐	☐ Yes ☐ No
• Proposed Action will result in a reduction in the quantity of the resource?	☐	☐	☐ Yes ☐ No
• Proposed Action will result in a reduction in the quality of the resource?	☐	☐	☐ Yes ☐ No
• Proposed Action will impact the use, function or enjoyment of the resource?	☐	☐	☐ Yes ☐ No
• Other impacts:	☐	☐	☐ Yes ☐ No

The closest CEA to the project site is approximately one mile away at the Oak Brush Plains. The Proposed Action will have no effect on this resource.

	1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact Be Mitigated by Project Change

IMPACT ON TRANSPORTATION

15. Will there be an effect to existing transportation systems?

[■] NO [ ] YES

Examples that would apply to column 2

	1	2	3
• Alteration of present patterns of movement of people and/or goods.	[ ]	[ ]	[ ] Yes [ ] No
• Proposed Action will result in major traffic problems.	[ ]	[ ]	[ ] Yes [ ] No
• Other impacts:	[ ]	[ ]	[ ] Yes [ ] No

IMPACT ON ENERGY

16. Will Proposed Action affect the community's sources of fuel or energy supply?

[ ] NO [■] YES

Examples that would apply to column 2

	1	2	3
• Proposed Action will cause a greater than 5% increase in the use of any form of energy in the municipality.	[ ]	[ ]	[ ] Yes [ ] No
• 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 major commercial or industrial use.	[ ]	[ ]	[ ] Yes [ ] No
• Other impacts:	[ ]	[ ]	[ ] Yes [ ] No

The project will generate up to 5 MW AC of renewable solar power to the LIPA electrical system.

NOISE AND ODOR IMPACT

17. Will there be objectionable odors, noise, or vibration as a result of the Proposed Action?

[■] NO [ ] YES

Examples that would apply to column 2

	1	2	3
• Blasting within 1,500 feet of a hospital, school or other sensitive facility.	[ ]	[ ]	[ ] Yes [ ] No
• Odors will occur routinely (more than one hour per day).	[ ]	[ ]	[ ] Yes [ ] No
• Proposed Action will produce operating noise exceeding the local ambient noise levels for noise outside of structures.	[ ]	[ ]	[ ] Yes [ ] No
• Proposed Action will remove natural barriers that would act as a noise screen.	[ ]	[ ]	[ ] Yes [ ] No
• Other impacts:	[ ]	[ ]	[ ] Yes [ ] No

	1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact Be Mitigated by Project Change

IMPACT ON PUBLIC HEALTH

18. Will Proposed Action affect public health and safety?
☒ NO ☐ YES

• Proposed Action may cause a risk of explosion or release of hazardous substances (i.e. oil, pesticides, chemicals, radiation, etc.) in the event of accident or upset conditions, or there may be a chronic low level discharge or emission.	☐	☐	☐ Yes ☐ No
• Proposed Action may result in the burial of "hazardous wastes" in any form (i.e. toxic, poisonous, highly reactive, radioactive, irritating, infectious, etc.)	☐	☐	☐ Yes ☐ No
• Storage facilities for one million or more gallons of liquefied natural gas or other flammable liquids.	☐	☐	☐ Yes ☐ No
• Proposed Action may result in the excavation or other disturbance within 2,000 feet of a site used for the disposal of solid or hazardous waste.	☐	☐	☐ Yes ☐ No
• Other impacts:	☐	☐	☐ Yes ☐ No

IMPACT ON GROWTH AND CHARACTER OF COMMUNITY OR NEIGHBORHOOD

19. Will Proposed Action affect the character of the existing community?
☒ NO ☐ YES

Examples that would apply to column 2

• The permanent population of the city, town or village in which the project is located is likely to grow by more than 5%.	☐	☐	☐ Yes ☐ No
• The municipal budget for capital expenditures or operating services will increase by more than 5% per year as a result of this project.	☐	☐	☐ Yes ☐ No
• Proposed Action will conflict with officially adopted plans or goals.	☐	☐	☐ Yes ☐ No
• Proposed Action will cause a change in the density of land use.	☐	☐	☐ Yes ☐ No
• Proposed Action will replace or eliminate existing facilities, structures or areas of historic importance to the community.	☐	☐	☐ Yes ☐ No
• Development will create a demand for additional community services (e.g. schools, police and fire, etc.)	☐	☐	☐ Yes ☐ No

	1 Small to Moderate Impact	2 Potential Large Impact	3 Can Impact Be Mitigated by Project Change
• Proposed Action will set an important precedent for future projects.	☐	☐	☐ Yes ☐ No
• Proposed Action will create or eliminate employment.	☐	☐	☐ Yes ☐ No
• Other impacts:	☐	☐	☐ Yes ☐ No

20. Is there, or is there likely to be, public controversy related to potential adverse environment impacts?
☒ NO ☐ YES

If Any Action in Part 2 Is Identified as a Potential Large Impact or If you Cannot Determine the Magnitude of Impact, Proceed to Part 3

Part 3 - EVALUATION OF THE IMPORTANCE OF IMPACTS

Responsibility of Lead Agency

Part 3 must be prepared if one or more impact(s) is considered to be potentially large, even if the impact(s) may be mitigated.

Instructions (If you need more space, attach additional sheets)

Discuss the following for each impact identified in Column 2 of Part 2:

1. Briefly describe the impact.

2. Describe (if applicable) how the impact could be mitigated or reduced to a small to moderate impact by project change(s).

3. Based on the information available, decide if it is reasonable to conclude that this impact is **important**.

   To answer the question of importance, consider:

   ! The probability of the impact occurring
   ! The duration of the impact
   ! Its irreversibility, including permanently lost resources of value
   ! Whether the impact can or will be controlled
   ! The regional consequence of the impact
   ! Its potential divergence from local needs and goals
   ! Whether known objections to the project relate to this impact.

Reset

617.20
Appendix B
State Environmental Quality Review
VISUAL EAF ADDENDUM

This form may be used to provide additional information relating to Question 11 of Part 2 of the Full EAF.

(To be completed by Lead Agency)

Visibility

1. Would the project be visible from:	Distance Between Project and Resource (in Miles) 0-¼	¼-½	½-3	3-5	5+
! *A parcel of land which is dedicated to and available to the public for the use, enjoyment and appreciation of natural or man-made scenic qualities?*	☐	☐	☐	☐	☐
! *An overlook or parcel of land dedicated to public observation, enjoyment and appreciation of natural or man-made scenic qualities?*	☐	☐	☐	☐	☐
! *A site or structure listed on the National or State Registers of Historic Places?*	☐	☐	☐	☐	☐
! *State Parks?*	☐	☐	☐	☐	☐
! *The State Forest Preserve?*	☐	☐	☐	☐	☐
! *National Wildlife Refuges and State Game Refuges?*	☐	☐	☐	☐	☐
! *National Natural Landmarks and other outstanding natural features?*	☐	☐	☐	☐	☐
! *National Park Service lands?*	☐	☐	☐	☐	☐
! *Rivers designated as National or State Wild, Scenic or Recreational?*	☐	☐	☐	☐	☐
! *Any transportation corridor of high exposure, such as part of the Interstate System, or Amtrak?*	☐	☐	☐	☐	☐
! *A governmentally established or designated interstate or inter-county foot trail, or one formally proposed for establishment or designation?*	☐	☐	☐	☐	☐
! *A site, area, lake, reservoir or highway designated as scenic?*	☐	☐	☐	☐	☐
! *Municipal park, or designated open space?*	☑	☐	☐	☐	☐
! *County road?*	☑	☐	☐	☐	☐
! *State road?*	☐	☐	☐	☐	☐
! *Local road?*	☑	☐	☐	☐	☐

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

☐ *Yes* ☑ *No*

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

☑ *Yes* ☐ *No*

DESCRIPTION OF EXISTING VISUAL ENVIRONMENT

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

	Within *¼ mile	Within *1 mile
Essentially undeveloped	☐	☐
Forested	☐	☐
Agricultural	☐	☐
Suburban Residential	☑	☐
Industrial	☐	☐
Commerical	☐	☐
Urban	☐	☐
River, Lake, Pond	☐	☐
Cliffs, Overlooks	☐	☐
Designated Open Space	☐	☐
Flat	☑	☐
Hilly	☐	☐
Mountainous	☐	☐
Other	☐	☐

NOTE: *add attachments as needed*

5. *Are there visually similar projects within:*

*½ mile ☐ Yes ☑ No 1 mile ☐ Yes ☑ No 2 miles ☑ Yes ☐ No 3 miles ☑ Yes ☐ No

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

EXPOSURE

6. *The annual number of viewers likely to observe the proposed project is* 10000 *?*

NOTE: *When user data is unavailable or unknown, use best estimate.*

CONTEXT

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

FREQUENCY

Activity	Daily	Weekly	Holidays/ Weekends	Seasonally
Travel to and from work	◉	○	○	○
Involved in recreational activities	○	◉	○	○
Routine travel by residents	◉	○	○	○
At a residence	◉	○	○	○
At worksite	○	○	○	○
Other SCCC Students/Staff	◉	○	○	○

Reset

INTRODUCTION

The proposed action involves the construction and operation by Eastern Long Island Solar Project, LLC, (ELSIP) an affiliate of enXco Development Corporation, of up to approximately 5.0 megawatts (MW) of solar photovoltaic (PV) carports within existing parking lots at Suffolk County Community College, Grant Campus in Brentwood, NY ("SCCC Grant Campus" or "Project Site"), as well as the installation of short distribution lines from the PV sites to connect to the LIPA electrical system. Pursuant to a power purchase agreement that LIPA has entered into with ELISP, power from this project will be sold to LIPA for use in the LIPA service area, and will help LIPA to meet Long Island's energy needs, air emission reduction targets, and New York State's renewable energy goals. Suffolk County, together with ELISP and LIPA, previously selected seven sites for the County-wide project. LIPA, which assumed lead agency status, prepared a thorough environmental assessment of the cumulative and site-specific impacts of installing Solar Generating Facilities (SGFs) at those sites ("Original Assessment", *available at http://www.lipower.org/pdfs/company/projects/solar/enxco/enXco-ea.pdf*). Based on that assessment, LIPA determined that the project would not have any significant adverse impact on the environment and, accordingly, that an environmental impact statement was not required. LIPA adopted a SEQRA negative declaration on December 17th, 2009, and the Suffolk County Legislature authorized the County to lease the selected sites to ELISP. Construction at six of these sites is completed or underway.

Subsequent to the negative declaration, and for reasons unrelated to environmental impacts, it was determined that one of the seven originally selected project sites, the Ronkonkoma LIRR Train Station, was not a feasible option for SGF installation. The Suffolk County Community College Grant Campus at Brentwood, in the Town of Islip, has been selected as an alternate project site for PV installation. To the extent that LIPA's original environmental assessment applies, it is hereby fully incorporated as part of this supplemental assessment. The present supplemental assessment addresses potential environmental impacts unique to SGF installation at SCCC Grant Campus.

For further background and project description, please see Sections 1 and 2 of the Original Assessment. Project equipment data, including solar panel models, are included in Appendix C to the Original Assessment. The Project calls for the use of Suntech 280 solar panels, manufactured by Suntech in China. The expected lifespan of each solar panel is 20+ years.

Existing environmental conditions and potential environmental impacts related to SGF installation at SCCC Grant Campus are set forth below.

GENERAL SITE DESCRIPTION, LAND USE, AND ZONING

Existing Conditions

General Site Description and Land Use

The Suffolk County Community College Grant Campus is a public, two-year college in Brentwood, New York. (See Map at Exhibit 1) Primary existing land use is institutional/educational. It is bounded on the north by the Long Island Expressway (I-495), on the west by the Sagtikos Parkway and Crooked Hill Road, on the south by County Road 106/Campus Road, and on the east by County Road 7/Wicks Road. East of Wicks Road is a medium-density residential subdivision. The adjacent area north of the L.I.E. is mixed industrial and commercial. The adjacent area south of County Road 106 contains Brentwood North Middle School and Brentwood State Park, a complex of soccer fields. To the west and southwest are the Pilgrim Psychiatric Center and a New York State Trooper Police Station. Under the Proposed Action, existing parking lots would be developed with approximately 2 – 5 MW AC of carport solar PV arrays covering 150,000 – 300,000 square feet.

Zoning

The property on which the project is to be constructed is owned by the County of Suffolk and is currently utilized as parking facilities, and as such is under the jurisdictional control of the County. Suffolk County is responsible for conducting all reviews and inspections and for the issuance of all approvals and permits in connection with the construction of capital improvements on County properties including, without limitation, the ELISP Solar Project.

Impacts

There will be no land use or zoning impacts resulting from implementation of the Proposed Action. The Carport SGFs will be compatible with existing land use on site, and will be constructed and operated in compliance with the requirements that Suffolk County maintains for its properties (for the reasons set forth in Section 1.0 of LIPA's original environmental assessment, Suffolk County has determined that the construction and operation of the PV carports within County-owned parking lots is in the public interest for land use/zoning purposes). The carports will be accessory structures within SCCC Grant Campus's existing parking lots associated with the existing buildings, facilities, and operations. SCCC Grant Campus's existing institutional and public uses will not change. The parking lots at the Project Site will continue to operate as they presently do. The temporary disruption of parking at the site during carport installation is addressed in a later section, as are measures proposed to eliminate and/or reduce displaced temporary parking impacts during construction of the project. There will be no permanent loss of parking spaces from the presence of the carports in the parking lots.

Furthermore, there will be no significant adverse off-site land use impacts from the presence and operation of the Carport SGFs. The installations will be contained wholly within the project site and will require no permanent off-site facilities. Once operable, there will only be the potential need for periodic washing/cleaning of the solar PV panes that will either entail the use of an on-site water hookup or a water tank truck, as needed, as well as routine snow removal.

The Carport SGFs will be designed to meet New York State's Uniform Fire Prevention and Building Code, as applied by the Suffolk County Department of Public Works, the jurisdictional agency for issuance of building permits for the project SGF installations. The project site will require a comprehensive final design, plans, and specification package for the County Department of Public Works' review, approval, and building permit issuance.

In summary, there will be no significant adverse land use or zoning impacts caused by the ELISP Solar Project. Consequently, no mitigation is necessary.

COMMUNITY FACILITIES

This section considers the potential of the proposed Carport SGFs at SCCC Grant Campus to affect community facilities on or near the Project Site. Community facilities are public or publicly funded facilities, such as schools, hospitals, libraries, day care centers, and fire and police stations, etc. An impact generally occurs when a project either physically displaces or alters a community facility, or causes a change in population that could affect the service delivery of a community facility.

Existing Conditions

The Project Site, SCCC Grant Campus, is a community educational facility. The site is also located within a 0.25-mile radius of the Pilgrim State Psychiatric Center (998 Crooked Hill Road), a New York State Trooper Station (800 Crooked Hill Road), Brentwood North Middle School, and Brentwood State Park.

Impacts

The installation and operation of the Carport SGFs will have no significant adverse impact on the community facilities listed above. With respect to parking, an excess availability of parking routinely exists at SCCC Grant Campus and/or parking spaces temporarily unavailable during construction will be replaced with the provision of nearby on-site and/or off-site parking. Parking may be limited temporarily during construction; once completed, however, there will be no impact on parking. Thus, there will be no significant adverse impacts on parking.

The layout and arrangement of the carport structures will be designed to allow for the continued uninterrupted operation of bus, taxi, and emergency services such as police, fire, and EMS

during construction and operation. Adequate parking lane access, turning radii and snow piling areas will be provided as part of the final site plan design. The County has maneuverable snow plowing vehicles to clear and apply sand to parking lot drive paths during winter, as necessary. The project is not anticipated to have any significant adverse traffic or parking effects on the neighboring community facilities identified above.

There will be no significant off-site community impacts. As a non-residential project, the Proposed Action will have no impacts on schools, libraries, parks, etc. through increased demand. There will only be one or two permanent ELISP staff to monitor, operate, and maintain the SGFs across the County-wide suite of project sites, including SCCC Grant Campus. Thus there will be no increased demand placed on other community facilities and services, such as police, fire, and health care.

No mitigation is required as no significant adverse impacts will occur.

CULTURAL RESOURCES

This section considers the potential of the proposed Carport SGFs to affect cultural resources, i.e. archaeological resources and architectural resources, on or near the Project Site. A review was made of known resources on the National Register of Historic Places and the New York State Register.

As described below, there will be limited, confined areas of on-site ground disturbance for the installation of carport foundations, buried DC electrical cabling interconnections between the carports and Points of Common Coupling (PCCs), and buried AC cabling interconnections between the PCCs and LIPA's existing electric distribution systems. The main areas of potential ground disturbance are within SCCC Grant Campus's existing parking lots. Where open trenching construction methods will be used rather than directional drilling (at a depth of about 24 to 36 inches), generally the open trenches will be narrow and shallow – about 18 – 36 inches wide (maximum) by 24 inches deep (maximum). The specific area of on-site disturbance could change slightly, depending on: 1) final carport configuration as approved by Suffolk County's Department of Public Works; and 2) LIPA's SGF on-site and off-site buried and/or overhead cabling interconnection to its existing local distribution system.

Existing Conditions

Historic Architecture

The Carport SGFs will be located in the parking lots of the Suffolk County Community College's Brentwood Campus. According to the National Park Service (http://www.nps.gov/history/nhl/designations/Lists/NY01.pdf), neither the Project Site nor any adjacent properties were identified on the National Historic Landmarks of New York database.

Additionally, neither the Project Site nor any adjacent properties were identified on the National and New York State Historical Properties databases (http://www.oprhp.state.ny.us/nr/main.asp).

The closest designated resources located within the vicinity of the Project Site are the Modern Times School, located approximately 1.5 miles southwest of SCCC Grant Campus at the intersection of Third Avenue and First Street in Brentwood, and the Seaman Farm and Coltrane Home, both located more than 1.5 miles away in Dix Hills. Construction and operation of the Carport SGFs will have no effect on these resources.

Archaeology

Based on a review of New York Office of Parks, Recreation and Historic Preservation data (http://www.oprhp.state.ny.us/nr/main.asp), SCCC Grant Campus is located within an area of potential archaeological sensitivity. A request will be made for a determination of effect of the Project on potential resources by OPRHP. A Project Review Cover Form and accompanying data has been submitted for OPRHP's review.

Impacts

Historic Architecture

There will be no direct or indirect impacts of historic architectural resources from the Carport SGFs. None of the buildings on the Project Site is a listed resource; the parking lots themselves on which the carports will be installed are not historic resources. Therefore, no impacts will result. In addition, there are no historic architectural resources immediately adjacent to the Carport SGF sites that could be affected in any way by the Proposed Action.

The three historic resources identified, the Modern Times School House, Seaman Farm, and Coltrane Home, are each located more than a mile from the Project Site. The carports on the Project Site will not be visible (nor can the resources be seen from the Project Site); moreover, there will be no construction work or operating conditions that will be conducted off-site near the identified resources, and therefore, no cultural resources will be affected by the Project.

In general, the carport structures will not be visually intrusive, and will be compatible with the Project Site buildings and parking lots. There are no known historic architectural resources that will be affected by the presence of the Carport SGFs. Therefore, there will be no significant adverse off-site visual impacts that could affect existing historic architectural resources.

Archaeology

SCCC Grant Campus is in an area of potential archaeological sensitivity. As previously described, defined areas of ground disturbance will occur at the Project Site.

The carports and all associated work, including interconnections with the existing LIPA electric 13.2 kV distribution system, will be located within the existing, developed parking lots and

roadways of the SCCC Grant Campus property and/or adjacent to the property. The majority of the Project Site is paved surface. A small amount may be unpaved, but even this area has been previously disturbed. SCCC Grant Campus and its parking lots have been previously disturbed during the construction of the existing buildings and parking facilities, which included site clearing and grubbing, grading of the site, installation of building foundations, and installation of utility lines (water and sewer, gas, cable, electric, etc.).

The Project ground disturbance at SCCC Grant Campus will encompass the following actions:

- Carport foundations;
- Interconnections for buried DC electrical cabling between the carports and LIPA's existing 13.2 kV electric distribution system; and
- Interconnections for buried AC cabling interconnections to LIPA's existing 13.2 kV electric distribution systems.

The construction work that will occur at SCCC Grant Campus is described below, and will be included in the OPHRP submittal. The estimates of disturbance are preliminary, based on projected disturbance from construction at similar sites and could change with final site designs.

An estimated total of 1,430 lf of trenching (2,860 square feet) on disturbed, paved areas of the site will be completed. In addition, approximately 7,700 – 13,400 square feet of disturbance on paved areas will result from foundation installation.

Compared to the size of the overall project, limited areas of site disturbance may occur on previously disturbed but presently unpaved areas. Consequently, given the level of disturbance and its occurrence on previously disturbed areas on and adjacent to the Project Site, no significant adverse impacts are expected to result from construction of the Project on potential archaeological resources.

If necessary, based on comments from OPHRP, a limited Phase 1B Archaeological Investigation would be conducted prior to any construction work to determine if archaeological resources may be present. A Phase 1B work plan would be submitted for approval prior to conduct of the investigative work. Results of the investigation would be provided and resources, if found, documented and preserved in accordance with regulatory requirements. Consequently, no significant adverse archaeological impacts would result.

VISUAL RESOURCES

The visual character of the SCCC Grant Campus and potential effects were assessed based on a site visit and digital imaging and mapping resources. The analysis considered the potential for significant adverse visual impacts from sensitive aesthetic and visual resources.

The visibility of a proposed project in a view shed is not itself a threshold of impact significance. The significance depends on several factors, including: the presence of designated historic or scenic resources within the view shed of the project, distance, general characteristics of the surrounding landscape, and the extent to which visibility of the project interferes with the public's enjoyment or appreciation of the affected resource. A significant adverse effect occurs only when elements such as project design, distance, topography and vegetation do not minimize the visibility of an object when the visibility significantly detracts from the public enjoyment of a resource.

Existing Conditions

The SCCC Grant Campus parking lots in which the carports will be installed are similar in visual appearance to the lots assessed in LIPA's Original Assessment. The buildings on site vary in scale from single to multi-story structures. The campus was opened in 1974 and most of the buildings are of that vintage or newer. Most of the campus is surrounded by a vegetative buffer of trees, shrubs, and brush, so that the existing lots are largely not visible from off-campus locations.

Potentially sensitive aesthetic visual resources in the immediate vicinity (on adjacent/adjoining streets or properties) were identified. The study area, generally within 400 feet, was defined based on the nature of the Proposed Action (i.e. solar arrays on carports in parking lots with a maximum height of 16.5 feet), and attendant potential minimal visual impacts. None of the following sensitive resources are present: Urban Cultural Parks, State Forest Preserves, National Wildlife Refuges, State Wildlife Management Areas, National Historic Landmarks, National Park System Recreation Areas, Scenic Areas of Statewide Significance (SASS), State Scenic Byways or Roads, and National Scenic Byways. SCCC Grant Campus is adjacent to the Sagtikos State Parkway, but is not visible from that roadway. The carport sites at SCCC Grant Campus are not within State or Federal designated floodplains or wetlands. (See Exhibit 18)

There are six potential installation sites (parking lots) within SCCC Grant Campus. The following describes the potential visual impacts at each of those sites. (See Map of Existing Lots at Exhibit 2) It is not expected that SGF installations will be made in all lots. Project lots will be selected as part of the final site plan.

- **Parking Lot** 1 is at the southwest corner of the campus property, adjacent to the Crooked Hill Road Entrance to SCCC Grant Campus. It is visible from Crooked Hill Road at the campus entrance, south to County Road 106. Views from County Road 106 and adjacent properties are obstructed by trees and existing structures. (See Exhibit 4)

- **Parking Lot 2** is the northwestern-most lot on the campus complex. It is not visible from any adjacent roadway or property. All views to that lot from outside the campus are obstructed by trees and existing buildings. (See Exhibit 3)

- **Parking Lot 3** is north of the Campus Road Campus Entrance, adjacent to parking Lot 4. Lot 3 substantially shares the visible characteristics of Lot 4, described below.

- **Parking Lot 4** is east of Lot 1, adjacent to County Road 106/Campus Road. It is visible from County Rd 106 and the Brentwood State Park athletic field complex immediately south of Campus Road. That view is minimized by a row of trees along the northern border of the athletic field complex. Lot 4 is not visible from Brentwood North Middle School to the southeast because views are obstructed by a row of trees lining the south side of County Road 106 and a row of trees immediately north of the school. (See Exhibit 5)

- **Parking Lot 5** runs in an arc along the east side of SCCC Grant Campus. It is visible from County Road 106 approximately 750 feet before the intersection with County Road 7. (See Exhibit 6) From that location, the closest part of the lot is approximately 400 feet from the roadway. Views from Brentwood State Park and the Brentwood North Middle School (See Exhibit 6), both south of County Road 106, are limited by a row of trees along the south side of County Road 106. Parking Lot 5 is not visible from County Road 7/Wicks Road. Views from Wicks Road are obstructed by an approximately 100-foot wide vegetative buffer. (See Exhibit 7) Lot 5 is not visible from the residential neighborhood east of Wicks Road, but may be visible from the second story of houses along the east side of that roadway.

- **Parking Lot 6** is the northeastern-most lot on SCCC Grant Campus, just north of Lot 5. It is approximately 500 feet from Wicks Road, and separated by an approximately 100 foot shrub/brush buffer that obstructs views from that roadway. It is not visible from off-campus locations.

Impacts

The carport structures will cover substantial portions of the existing parking lots of the Project Sites. The carport support structures will be slim steel poles/posts; the carport roofs will be the solar arrays and mounting systems. The carports will have a maximum height of 16.5 feet, including the solar arrays and mounting systems. Simulations of Carport SGF installations are included in the Original Assessment at Figures 3.5-2a through 3.5-2i.

All of the carports will be visible on each of the Project Sites but only some of the carports will be visible from off-site locations. On-site impacts are considered to be minor, in that the carports will be designed to be compatible with the parking lots of the sites. Similar types of structures exist in parking areas of other types of land uses, such as at apartment complexes and shopping malls in the region. It is expected therefore, that the carports will be a recognizable feature in the parking lot landscape to passersby, as well as frequent site users and occasional visitors. From a

daily user standpoint, the carports will be considered of benefit as they will provide all-weather protection for cars, drivers and passengers from rain, sun (depending on carport orientation and season), and snow.

There may be limited carports visibility off-site at certain locations, particularly those installations located along the perimeter of a site. However, given the general lack of sensitive uses discussed above, the minimal visual effect of the carports themselves, the visual impacts are not considered to be significantly adverse, and the very limited visibility of all of these sites from adjacent roadways and properties, the Proposed Action will have no significant adverse effect on visual resources.

SOCIOECONOMICS AND ENVIRONMENTAL JUSTICE

According to NYSDEC policy, a "minority community" is present when 51.1 percent or more of the population is minority (urban area) or 33.8 percent or more of the population is minority (rural area). According to the CEQ guidance, a "minority community" is present when the percentage of minorities in the study area is "meaningfully greater" than the minority percentage of the general population or when the percentage of minorities in the community exceeds 50 percent. For the purposes of this analysis, any census tract with a minority population of 50 percent or more was considered to be a minority community.

The study area was defined as land within 0.5 miles of the Project Site. That radius encompasses six census tracts: 2011 (SCCC Grant Campus), 1352.05, 1352.09, 1456.02, 1456.03, and 1345.04. Of those, that latter three have minority populations that exceed the "minority community" threshold, according to 2010 U.S. Census Data.

The construction of the Carport SGFs will be contained on the Project Site. Construction will temporarily affect those using SCCC Grant Campus facilities. Construction impacts will be temporary in duration and minimal in overall effect. Temporary parking plans will be developed for the duration of the construction period. Therefore, no minority population will be disproportionately affected by construction of the Project.

The operations of the Carport SGFs will also be contained wholly within the Project Site. The solar PV panels on the carports will generate electricity within the SCCC Grant Campus parking lots, which will be transmitted through the interconnections that will be made as part of this Project to the existing LIPA 13.2 kV electric distribution system. There will be no significant adverse off-site impacts associated with the Project; therefore, minority populations will not be disproportionately affected by the presence and operation of the Project.

Similarly, with respect to low-income populations potentially impacted by the Project, there will be no disproportionate share of negative environmental consequences from the construction or

operation of the Project. There will be no off-site construction or operational impacts that could disproportionately affect low-income communities within 0.5 miles of the Project Site.

In summary, the ELISP Solar Project at SCCC Grant Campus will not create a disproportionate share of negative environmental consequences on minority and low-income populations.

TRAFFIC AND TRANSPORTATION

SCCC Grant Campus is well served by a road network that includes Interstate, State, County, and local jurisdictional roads. Public transport is also available by bus. The Project Site is readily accessible by the extensive road network.

The Carport SGFs at SCCC Grant Campus will not involve any changes to the road network outside of the Brentwood Campus. There will be no permanent alterations to the interior road network, such as driveways and parking lots. There will be no permanent loss of parking spaces at the Project Site. All interior changes to site driveways and parking areas, if necessary, will be temporary; about five to eleven months will be needed to construct the Carport SGFs.

Following construction, there will be only a limited number of vehicle trips associated with the Project. Inspection of the panels will be performed about twice annually and the panels will be cleaned, if needed. The carports will also be cleaned of accumulated snow and ice on an as-needed basis during winter months. For these maintenance operations, there will be no more than two vehicles (and four workers) on the Project Site for a maximum of a few days. There may also be other miscellaneous periodic trips to inspect the SGF system.

To summarize, only a very limited number of vehicle trips will be generated from operations of the Carport SGFs at SCCC Grant Campus, and no significant adverse impacts will result. No mitigation is required.

AIR QUALITY

The air quality impact analysis performed by LIPA as part of the Original Assessment in section 3.8 applies equally to the proposed project and is incorporated by reference herein.

The public will benefit from the production of electrical energy without the use of fossil fuels and the emission of air pollutants. The Project will have the capacity to provide energy to homes and reduce annual emissions of CO_2, NOx, and SO_2.

Motor vehicles typically emit hydrocarbons, carbon monoxide (CO), nitrogen oxides (NOx), and particulate matter (PM) (diesel trucks more than gasoline powered automobiles), and sulfur

oxides (SOx). ELISP will operate its fleet of cars and light trucks in accordance with federal and state motor vehicle regulations. There will be de minimis air quality and climate change emissions from the limited vehicle trips to the Project Site for inspection, servicing, and cleaning over the course of the year. Therefore, the air quality impacts associated with the operations of the Project will not be significant or adverse. In fact, there will be an air quality benefit resulting from the operation of the Carport SGFs. No mitigation is required.

NOISE

Noise impacts result from numerous sources including activities essential to the health, safety and welfare of a community such as emergency sirens, garbage collection and construction and maintenance equipment. Other sources, such as traffic and aircraft stem from the movement of people and goods, activities needed to maintain the viability of a community, although sometimes the noise produced is undesirable and detracts from the quality of the living environment. The noise levels of common sounds are presented below.

Noise Levels of Common Sounds

Sound Source	Level (dBA)
Air Raid Siren at 50 feet	120
On Sidewalk by Passing Heavy Truck or Bus	90
On Sidewalk by Typical Highway	80
Typical Urban Area	60 – 70
Typical Suburban Area	50 – 60
Quiet Suburban Area at Night	40 – 50
Quiet Rural Area at Night	30 – 40

Source: New York City CEQR Technical Manual, 2001, Table 3R-1, referencing James P. Cowan, (1994) and David M. Egan (1988).

Sound, as perceived by the human ear, is affected by several factors that include the actual level of the sound (noise), the frequencies involved, the period of exposure, and changes in fluctuation in noise levels during exposure. Noise levels are measured in units called decibels (dB). Since the human ear cannot perceive all pitches or frequencies equally well, these measures are adjusted or weighted to compensate for the human lack of sensitivity to low-pitched and high-pitched sounds. This adjusted unit is known as the A-weighted decibel or dBA. The A-weighted scale deemphasizes both very low- and very high-pitched sounds so the measured levels correlate well with the human perception of sound. Human response to noise level changes depends on a number of factors that include the quality of the sound, magnitude of the changes, and time of day, whether the noise is continuous or intermittent, and the individual's ability to perceive the changes. Human ability to perceive changes in noise levels varies widely among individuals, as does the response to the perceived changes. Generally, changes in noise level less than three dBA will barely be perceptible to most listeners, whereas a ten dBA change is normally perceived as a doubling (or halving) of a noise level

Noise Standards and Criteria

A variety of noise standards and guidelines have been promulgated by city, state and federal agencies. The NYSDEC published a guidance document (Assessing and Mitigating Noise Impacts, October 6, 2000) establishing the following:

- Noise increases from 0 – 3 dBA should have no appreciable effects on receptors;

- Increases from 3 – 6 dBA may have the potential for adverse impact but only in cases where the most sensitive of receptors are present; and

- Increases of more than 6 dBA may require a closer evaluation of impacts, depending on existing noise levels and the character of the surrounding land use and receptors.

The guidance document also states that the addition of any noise source should not raise the ambient noise level above a maximum of 65 dBA, in a non-industrial setting; that ambient noise levels in industrial or commercial areas may exceed 65 dBA with maximum level of approximately 79 dBA. Projects that exceed these guidance levels are recommended to explore the feasibility of implementing mitigation.

Existing Conditions

SCCC Grant Campus is situated in a developed area. The area includes suburban residential neighborhoods to the east and a school and recreational facility to the south. The property is otherwise bounded by major roadways, including the Long Island Expressway to the north and the Sagtikos Parkway to the west.

It is expected that the Project Site noise levels are consistent with those identified above, in the range of 50 – 60 dBA during the daytime. The predominant source of noise in the Project Site area is likely to be motor vehicle traffic along the roadways described above and within the parking areas of the campus itself. However, the Campus is substantially buffered from noise associated with traffic on adjacent roadways by trees and vegetation that bound the east, north, and west sides of the campus property.

Impacts

There will be no significant adverse noise impacts resulting from the operation of the Carport SGFs. On-site carport foundations preparation and carport installations will result in temporary noise impacts and is addressed below. Once installed, there will be no noise generated by the operations of the solar panels which convert sunlight to electricity using photovoltaics, as there are no exterior mechanical or moving components. 'Crystalline' PV modules will be used at all

of the SGF installations. The crystalline PV modules (commonly referred to as panels) are comprised of a PV layer, electrical connections behind the PV layer, a protective clear layer above and a metal frame that binds the module together and allows anchoring of the module to the supporting carport structure. As noted previously, there may be periodic cleaning of the solar panels (up to twice annually, depending on the inspected surface conditions of the panels), and as-required seasonal snow and ice removal. A standard hose connection/power washer or water tank truck will be used for the spring, summer and fall season cleanings of the Carport SGFs. Little noise, if any, will be discernible on and off-site from these temporary maintenance activities.

Mitigation is not required as there will be no significant adverse noise impacts.

TOPOGRAPHY AND SOILS

The depth of the groundwater table at the Project Site ranges from 50 and 70 feet. (See Exhibit 19) The terrain at SCCC Grant Campus is relatively flat with elevations ranging from approximately 115 – 130 feet above mean sea level (See Exhibit 8). The soils at the Project Site have been previously disturbed by the construction of the existing building and parking facilities, which included the grading of the site, installation of building foundations and utility lines (water and sewer, gas, cable, electric, etc.). The soils at SCCC Grant Campus are displayed as being Haven Loam, 0 – 2% slope (HaA), Plymouth Loamy Sand, 0 – 3% and 3 – 8% slope (PlA and PlB), Riverhead Sandy Loam, 0 - 3% slope (RdA), and Riverhead and Haven Soils, 0 – 8% slope (RhB) (See Exhibit 9); however, it appears this classification was made in 1972, before SCCC Grant Campus was developed as it currently exists and opened in 1974 (See Exhibit 10). The parking lots themselves would now likely be considered Cut and Fill Land (CuB), which the USDA Soil Survey for Suffolk County describes as "land...made up of areas that have been altered in grading operations for housing developments, shopping centers, and similar nonfarm uses. Generally [where] the initial grading consists of cuts and fills for streets or parking lots." (USDA, Suffolk County Soil Survey, 1975 at 68).

As previously described, defined areas of ground disturbance will occur at the Carport SGF sites to accommodate carport foundations, the DC interconnection of the carports, and LIPA's AC interconnections with its local electric distribution system. The narrow and shallow trenching or horizontal drilling will all be done within the existing parking lots and driveways at SCCC Grant Campus. Foundations for the carport structures will be installed in the existing parking lot areas. In a preliminary is estimate based installation of Carport SGFs at similarly sized sites, 10,000 to 20,000 square feet of ground disturbances will result plus no more than 2,000 lf of trenching and/or boring.

Excavated soils will be returned to the trench and the excess soils, together with removed pavements, will be stockpiled on-site for removal to a state-permitted construction and demolition debris recycling facility for processing and beneficial reuse as recycled construction material (unless such soils contain hazardous materials, in which case they will be disposed of in accordance with federal and state laws). The existing ground surfaces, which are asphalted or concrete, will be restored to their prior condition soon after construction. Therefore, soils and topography will not be adversely affected by implementation of the Proposed Action, and mitigation is not required.

INFRASTRUCTURE AND ENERGY

This section addresses water supply, wastewater, solid waste, and energy requirements of the ELISP Solar Project at SCCC Grant Campus.

Existing Conditions

Since the proposed locations of the Carport SGFs are in the parking lots of existing and operating educational buildings, an entire spectrum of infrastructure is already in place. On or adjacent to the Project Site, the following can be found: water supply, sewer, power (electricity, natural gas and/or oil), stormwater, and communications (telephone, cable/fiber optic). SCCC Grant Campus provides for disposal of solid waste generated by its operations. Around the Project Site, there is either an overhead or an underground LIPA 13.2 kV electrical distribution system. The specifics of the other infrastructure features are not critical in terms of the Project implementation, per se; however, the selected Engineering Procurement and Construction contractor will be responsible for having the existing utilities identified and marked prior to construction to avoid the potential for disruption/disturbance to these systems.

Impacts

The Carport SGFs at SCCC Grant Campus will provide energy directly into LIPA's electric distribution grid via individual connections to LIPA's existing 13.2 kV service. In total, the Project at SCCC Grant Campus is intended to provide up to 5 MW AC of electricity. The interconnection with the LIPA system will require on-site DC to AC inverter. The Project at SCCC Grant Campus will require up to two interconnections, depending on final site designs.

The Proposed Action will supply additional energy which can be used to power homes in Suffolk County. Additional power requirements will not be needed for the Proposed Action. The Carport SGFs will generate electrical energy into the LIPA power grid. A fiber optics and/or telephone connection to the site will be required for the monitoring of SGF output. A standard water

service connection will also be needed at the Project Site to support periodic cleaning of the solar PV panels, which ensures maximum electric generating efficiency. Alternatively, a water tank truck will be used for water supply. Only clean water will be used, with no cleaning agents or detergents. It is estimated that up to 5,000 gallons of water may be needed to clean panels that generate 1 MW of electricity. Therefore, the volume of water that could be used will be in the range of 15,000 (3 MW) to 25,000 gallons (5 MW), assuming cleaning of all panels twice a year. ELISP will also determine when and if snow and ice removal from the panels is required. Such removals will be coordinated and scheduled with Suffolk County. No other utilities will be necessary for Carport SGF operation.

In summary, there will be no significant adverse impacts on infrastructure as a result of the operation of the Carport SGFs. Other than a fiber optic and/or a telephone connection at each site, there are no other utility/infrastructure needs. The necessary equipment to interconnect with the electrical service will be situated on each of the Project Sites.

No mitigation is proposed or required.

HAZARDOUS MATERIALS

The Project will require an overhead or underground interconnection to the LIPA electrical network, entailing ground disturbance. For the underground interconnection, the trench will be approximately 18-36 inches wide and 24 inches deep. The length of the trench will depend on the distance between the building and the LIPA interconnection point. The amount of soil to be disturbed at these sites will be limited (extent, depth and duration) and therefore, the potential for encountering hazardous materials will be limited as well.

Contracting documents mandating compliance with applicable state and federal requirements with respect to hazardous materials will be in place prior to any construction work. There is limited potential for encountering hazardous materials and therefore, no significant adverse effects are anticipated. If such materials are encountered in the ground, appropriate measures will be in place and implemented to address the specific condition.

Existing Conditions

A Hazardous Materials Screening Assessment was conducted for SCCC Grant Campus SGF Carport Sites. The purpose of these assessments was to provide documentation regarding the presence or absence of contamination and/or petroleum products and hazardous materials on each of the sites and on adjacent properties that have or may result in adverse environmental impacts, which are referred to as an environmental concern. The assessments consisted of a

review of the EPA Superfund database and NYSDEC Bulk Storage Database (petroleum (PBS), chemical (CBS), and major oil storage facilities (MOSF)), Spill Incident Database, and Environmental Site Remediation Database. Additionally, a site visit was made on April 9, 2012.

According to resources consulted for the Project Site, no EPA brownfields, Superfund sites, or emergency incidents are documented on the SCCC Grant Campus. (See Exhibit 12) The NYSDEC has documented two on-site petroleum related spill incidents. The first involved up to forty gallons (but probably less) of diesel that spilled from a commercial vehicle fuel tank within Parking Lot 3 on February 22, 2005. (See Exhibit 20) That spill incident was "closed" per NYSDEC data on December 1, 2011, indicating that "the necessary cleanup and removal actions have been completed and no further remedial activities are necessary."

The second spill involved approximately 14 gallons of gasoline spilled as a result of vandalism to a commercial vehicle in the north end of Parking Lot 2 on November 5, 2007. The Town of Islip HAZMAT Team responded to the spill. Per NYSDEC data, the spill incident was closed on November 6, 2007, indicating that "the necessary cleanup and removal actions have been completed and no further remedial activities are necessary." (See Exhibit 21)

In assessing potential off-site environmental impacts, surrounding properties located upgradient of the sites are considered hydraulically upgradient and of primary concern. Only two properties presented any concern based on proximity to the Project Site.

The service station located at 525 Wicks Road, approximately 1,700 feet northeast of the nearest possible installation site at the intersection with the LIE service road, has a spill incident history documented by the NYSDEC. (See Exhibit 13) NYSDEC documented sixteen petroleum-related spills (gasoline, diesel, and waste oil) of between one and seventy gallons between 1978 and 2012. However, each of these spill incidents is "closed" per NYSDEC data, indicating that "the necessary cleanup and removal actions have been completed and no further remedial activities are necessary." Additionally, due to prevailing soil gradients, any contamination related to these incidents has not likely affected the proposed installation sites. Consequently, no adverse effects from these incidents are expected at the Project Site and no mitigation is necessary.

The NYSDEC has also documented 10 spill incidents at the Pilgrim State Psychiatric Center between December 1991 and September 2008. Each of these spill incidents is "closed" per NYSDEC data, indicating that "the necessary cleanup and removal actions have been completed and no further remedial activities are necessary." Additionally, prevailing gradient at the Psychiatric Center is generally down-slope to the southwest, away from SCCC Grant Campus property. It is highly unlikely that any hazardous materials from these closed spills have migrated on to the Project Site. Consequently, no adverse effects from these incidents are expected at the Project Site and no mitigation is necessary.

The following hazardous waste-related items apply to the Project Site:

☐ Solid wastes generated at the Project Site are maintained within waste containers located on-site and are typically removed by private contractors on a regular basis;

☐ Above-ground storage tanks (ASTs), underground storage tanks (USTs), drum storage areas or other hazardous material storage area were not observed;

☐ Groundwater monitoring wells, pools of liquids or areas of stressed vegetation were not observed, and chemical odors were not detected;

☐ Asphalt-paved parking lots were observed to be in good condition; and

☐ Minor petroleum staining from motor vehicles was noted at the parking lots.

The following sections present a summary of historical data and current environmental conditions of the site.

A review of 1970 aerial photographs included in the USDA's 1975 Suffolk County Soil Survey indicated that the project site was undeveloped prior to the construction and 1974 opening of Suffolk County Community College's Grant Campus. (See Exhibit 9). Based on the review of the historical aerial photographs, the Project Site does not present any environmental concerns.

Based on a review of NYSDEC Wetlands Mapping resources, the closest water courses are the headwaters of the Nissequogue River, approximately 2.5 miles to the northeast, just south of Blydenburgh County Park, and Sampawam's Creek, approximately 2.5 miles to the southwest.

Stormwater at this site is collected by standard catch basins which direct the flow to two stormwater basins. The first stormwater basin is at the southeast corner of the campus property, surrounded by a chain-link fence topped with barbed wire. The second is on the western edge of the property between the Sagtikos Parkway on-ramp and an internal campus road that leads to and from Parking Lot 2. It is fenced with chain-link and encircled by a crushed asphalt maintenance road. The second basin appears as a freshwater pond on the National Wetlands Inventory Map, but is not included on NYSDEC jurisdictional wetlands maps. (See Exhibit 18) Wetlands impacts are discussed below.

Impacts

Based on historical site conditions obtained through historical aerial photographs, environmental database reviews and reconnaissance of the Project Site, the Hazardous Materials Assessment performed for the Projects Sites has not identified any significant environmental concerns related to the installation and operation of Carport SGFs. The two documented on-site petroleum spills were minor in nature and have been satisfactorily remediated. There is limited potential for encountering hazardous materials on-site and therefore no significant adverse effects are anticipated. If such materials are encountered in the ground, appropriate measures will be in place and implemented to address the specific condition. Construction and operation of the Carport SGFs will proceed only in compliance with federal and state regulations related to hazardous materials. Consequently, no mitigation is required.

NATURAL RESOURCES

This section identifies existing natural resources on and in the immediate vicinity of the Carport SGF Sites at SCCC Grant Campus and addresses the potential impacts of the ELISP Solar Project on them. A site visit was conducted on April 9, 2012, to determine the presence of natural resources on the Project Sites. Data from the United States Fish and Wildlife Service (USFWS) and the NYSDEC are also considered. The USFWS maintains a database of federally-listed and proposed endangered and threatened animals and plants, and critical habitats. (See Exhibit 14) NYSDEC Natural Heritage Program maintains a database of rare or State-listed animals and plants, significant natural communities, and other significant habitats that exist in New York State. Comments have been solicited from both agencies regarding the Project's potential impacts on listed resources.

Existing Conditions

The carports will be installed within parking lots at SCCC Grant Campus. The majority of the campus consists of two main physical features – buildings and parking lots. Other than perimeter landscaping with turf and shrubs, and an on-campus "Nature Preserve" isolated from the SGF sites, there is limited natural habitat on the Project Site. What does exist supports species that are endemic to suburban locales. The following resources are not present on or immediately adjacent to the Carport SGF sites at SCCC Grant Campus: Urban Cultural Parks, State Forest Preserves, National Wildlife Refuges, State Wildlife Management areas, National Historic Landmarks, National Park System Recreation Areas, Scenic Areas of Statewide Significance (SASS), State Scenic Byways or Roads, and National Scenic Byways. The Sagitikos Parkway runs along the northwestern border of the campus property. None of the Carport SGF sites lay within State designated floodplains or wetlands. Parking Lot # 1 is approximately 250 from the western

stormwater basin, which appears as a "freshwater pond" on the National Wetlands Inventory. (See Exhibit 18) As described above, the stormwater basin is enclosed in a chain-link fence and surrounded by a crushed asphalt maintenance road. The sump is not a NYSDEC designated wetlands. A request for jurisdictional determination indicating that the sump is not a State jurisdictional wetlands has been made to NYSDEC. It is not expected that construction or operation of SGF Carports in the adjacent parking lot will have any adverse effect or require any wetlands permit. In the unlikely event that a wetlands permit is required, such will be obtained and construction and operation of the SGFs will proceed in compliance therewith.

Based on previous correspondence with the NYSDEC Natural Heritage Program and site surveys, it is highly unlikely that any rare or state listed animals or plants, significant natural communities, or other significant habitats occur on or in the immediate vicinity of the Carport SFG Sites. Comments from that agency regarding specific potential impacts at SCCC Grant Campus have been solicited, and any concerns raised therein will be adequately addressed before construction begins.

The site is proximate to certain natural resources. Brentwood State Park is immediately south of SCCC Grant Campus, across Campus Road. The park is a complex of soccer fields, some of which are covered with artificial turf. (See Exhibit 15) The park is substantially altered from its natural state and does not contain significant natural habitats or ecosystems. The installation of SGFs should not have any natural resource effects on the park.

The northwestern corner of the SCCC Grant Campus contains the on-campus Grant Campus Nature Preserve. (See Exhibit 16) The preserve is composed of brush/shrub regrowth and wooded portions and is served by a system of passive use trails. The preserve does not contain any wetlands or documented endangered or threatened species. SGF construction is not planned within the preserve and will not affect natural resources contained therein.

The northeastern portion of the Edgewood Oak Brush Plains Preserve, a State Critical Environmental Area (CEA), is located approximately one mile southwest of SCCC Grant Campus. (See Map at Exhibit 17) CEAs are areas in the state which have been designated by a local or state agency to recognize a specific geographical area with one or more of the following characteristics: a feature that is a benefit or threat to human health; an exceptional or unique natural setting; exceptional or unique social, historic, archaeological, recreational, or educational values; or an inherent ecological, geological, or hydrological sensitivity to change that may be adversely affected by any physical disturbance. The Oak Brush Plains Preserve was designated a CEA for the benefit of human health and to protect drinking water. The existence of this CEA within the general area of project site does not present an environmental concern due to the nature of the project and the distance of construction related activities to the preserve. Neither

construction nor operation of the Carport SGFs is anticipated to have any effect on the preserve. No disturbance will occur in or near the CEA.

Impacts

The installation and operation of the Carport SGFs at SCCC Grant Campus will have no significant adverse impact on natural resources. The site buildings and adjacent parking lots do not harbor threatened/endangered species, and do not provide habitat for such species. Furthermore, the Project Site parking lots are not located within FEMA designated floodplains, federal wetlands or NYSDEC wetlands. The construction of the Carport SGF's will require some tree cutting. Tree cutting in or immediately around the parking lots is required to meet Project electrical output requirements, as well as reduce shading on the panels from nearby trees. The maximum number of trees that will need to be removed at SCCC Grant Campus is 70. Once project design is complete, a tree replacement plan will be presented to Suffolk County for review and approval, and will be implemented by ELISP. Trees will be replaced on a 1:1 basis, using the tree species at locations determined by Suffolk County.

The limited duration of construction activities and limited construction impacts will minimize potential impacts to natural resources. Construction at the Project Site will disturb less than one acre, excluding the area disturbed by trenching or boring for the interconnection work as the method is unknown at this time. It is likely that combination of these two methods will be used and the total disturbed area will increase slightly. A permit under NYS General Permit (GP) 0-08-001 (for construction stormwater discharge) was required for the cumulative original project. ELISP may have to seek inclusion of the present SCCC Grant Campus project within that permit, or may be required to obtain an additional stormwater discharge permit.

To prevent stormwater runoff from impacting adjacent properties, Soil Erosion and Sediment Control best management practices (BMPs) will be utilized during construction of the Carport SGF Sites so as to minimize potential impacts to natural resources in the vicinity of the Project Site. Typical BMPs that may be implemented during construction include:

□ Protection of Existing Landscaped Areas: Naturally vegetated areas will be preserved whenever possible. Preserving natural and mature vegetation would enhance natural stormwater infiltration and reduce soil erosion. When preserving vegetation, temporary fences will be installed to prevent equipment from damaging the areas designated for preservation.

□ Stabilized Construction Entrance: All points of construction ingress and egress from areas with bare soil will be protected to prevent the deposition of materials onto traversed public thoroughfare(s) by installing and maintaining a stabilized construction entrance made of crushed stone to meet the requirements of the NYS standards for erosion and sediment control.

☐ Silt Fencing: Where needed, temporary barriers of geotextile fabric will be installed to reduce runoff velocity and intercept sediment laden runoff from areas of disturbed soil.

☐ Storm Drain Inlet Protection: Where needed, silt fence barriers or drop inlet measures will be used to prevent sediment inflow into catch basins during the construction process. They may also be used in place of silt fencing, where applicable.

☐ Temporary Seeding: Planting of fast-growing grasses provides rapid stabilization of disturbed surfaces that would experience further disturbance or construction activity at a later date. Temporarily seeded surfaces have greater resistance to stormwater runoff and/or wind erosion. Existing, natural areas that are disturbed will be seeded and stabilized with erosion control measures within 30 days of final grading. If construction has been suspended, or sections completed, areas will be seeded and stabilized with erosion control materials. Maintenance will be performed as needed to ensure continued stabilization. This control can be used only during the growing season for grass seeds.

☐ Permanent Seeding: The permanent planting of vegetation, including but not limited to grass, trees, bushes, and shrubs, will stabilize the soil by holding soil particles in place. Permanent seeding shall be used on graded and loamed surfaces with a mixture of fast growing and permanent seedings suitable to the project parcel and regional conditions. Surfaces to be permanently seeded will be properly prepared as a seedbed and treated with fertilizer as appropriate. Seeded surfaces would be compacted and mulched.

☐ Mulching: Mulching is the placement of material, including but not limited to hay, grass, woodchips, straw, and gravel, on the soil surface to cover and hold in place disturbed soils. This practice is often complementary to seeding practices, and will be used, if needed.

All erosion and sediment control measures and BMPs (including specifications for temporary and permanent seeding) used during construction will comply with the specifications contained in the New York State Stormwater Management Design Manual, dated August 2005.

ELECTRIC AND MAGNETIC FIELDS

The Electric and Magnetic Fields assessment performed by LIPA in included in the original EA for the Eastern Long Island Solar Project fully addresses the breadth of impacts expected at the SCCC Grant Campus location. That background and assessment are incorporated by reference and fully relied upon here.

CONSTRUCTION IMPACTS

On-site construction preparation and carports installation work at SCCC Grant Campus could commence as early as June 2012 and take a maximum fifteen months, including completion of all of the following: SGF engineering work; Federal, State, and Suffolk County approvals; solar PV and carport deliveries; and delivery, subassembly and warehousing of other equipment (e.g., inverters and DC cabling). This section identifies and addresses impacts related to construction at SCCC Grant Campus, and associated measures to reduce and/or eliminate such impacts. All impacts will be temporary in nature, with actual construction work at the Project Site taking less than an estimated five to eleven months.

Section 2.3.4 of the Original Assessment identifies the Project construction and installation plan, and methodology, including on-site construction activities common to all SGF installations. Based on a review of the construction work, its durations and locations, it is expected that there will be no, or de minimis, impacts to the following resource categories:

- ☐ Land Use and Zoning
- ☐ Community Facilities
- ☐ Cultural Resources
- ☐ Environmental Justice
- ☐ Topography and Soils
- ☐ Infrastructure
- ☐ Hazardous Materials
- ☐ Natural Resources

Therefore, there is no presentation of potential effects provided. Potential impacts during the construction period include the following resources and therefore, are further presented and discussed below for the purposes of disclosure; however, no significant adverse impacts are expected:

- ☐ Visual Resources
- ☐ Socioeconomics
- ☐ Traffic and Transportation
- ☐ Air Quality and Noise
- ☐ Infrastructure
- ☐ Natural Resources

Visual Resources

Construction at the Project Sites will look much the same as other comparable projects, with the presence of craft labor and operations of construction equipment. No temporary significant

adverse visual impacts will result. Overall, SGF installations will not impair the visual landscape from any scenic or historic resources. There are no listed, inventoried scenic or historic resources that will be reduced or affected in any way during the five to eleven month onsite construction schedule. There will be no significant construction-related adverse visual impacts from the Carport SGFs.

Socioeconomics

There will be approximately 10-25 skilled on-site construction workers at each SGF site starting as early as June 2012 for an estimated five to eleven months. Following construction, there will be one or two permanent ELISP positions associated with operation and maintenance of the Project. Labor will be sourced locally from Suffolk and Nassau Counties. These temporary and permanent positions will benefit the local economy and will be a positive force during the current economic slowdown, particularly within the construction trades. However, in the larger context of the Suffolk County and Long Island economies, the absolute and relative economic impact will not be significant. Similarly, suppliers of construction materials and equipment in the local area will realize minor economic benefits but will not be significant to the county's or the Island's economy.

Traffic and Transportation

The Project's construction plan and schedule for each SGF Site will be coordinated between ELISP and Suffolk County and will include the following construction-related traffic procedures. The majority of needed construction equipment and materials will be delivered using Just-In-Time scheduling, which is made feasible by the presence of local on-Island warehouses where preconstruction carport assembly work will or has been be completed. The construction equipment that is required at the Project Site will remain on the site only as long as necessary for the scheduled activity and will then be moved off-site in the overnight or off-peak traffic hours. Construction materials, including carport pre-assemblies will also arrive on-site overnight and/or during off-peak hours, and will be staged on-site for daytime unloading and installations. Emptied delivery vehicles will depart the Project Site during off-peak hours or overnight. One known exception to this procedure will be the pre-mixed concrete for the carport foundations. The concrete will be delivered from local batch pre-mix plants in standard over-the-road pre-mix concrete trucks. They will be scheduled to arrive in the off-peak weekday hours and will travel along designated truck routes identified by Suffolk County. It has been estimated that the number of trucks associated with delivery of equipment and materials is limited. On a weekly basis, there would be:

- Eight concrete trucks
- One semi-trailer truck with electrical equipment

- One semi-trailer truck with preassembled solar modules
- One dumpster (or less).

Therefore, the number of truck trips to the Project Site will be minimal on a daily basis. If two concrete trucks arrive on the same day as well as trucks with electrical equipment, solar modules and a dumpster, the total number of trips will be 10. The craft labor, which will number about 10 – 25 workers, will travel to and from each site via small truck and or automobile. It is assumed that 75 percent will drive as individuals; 25 percent will carpool with other site workers. Therefore, the number of round trips associated with craft labor will be approximately 15 to 38 per day, excluding any miscellaneous mid-day travel. Craft labor will be required to park in designated portions of the site. In total, the number of vehicle trips (trucks and craft labor) is expected to be an estimated 25 to 48 trips per day during construction. Given the proposed night-time and off-peak equipment and materials delivery schedule as well as the limited number of weekday and labor trips, there will be no significant adverse traffic impacts from this aspect of the Project construction. Portions of the existing site parking lots will be needed for construction work. In cooperation with Suffolk County, a temporary parking plan will be developed to minimize parking and traffic impacts.

Air Quality and Noise

Some of the on-site construction work will require the use of fossil-fuel powered equipment resulting in temporary emissions (e.g., carbon monoxide [CO], nitrogen oxides [NOx], particulate matter [PM] and sulfur dioxide [SO2]) from equipment exhaust. Operation of the equipment will occur primarily during working hours (weekdays, 7 am to 6 pm), but may also periodically occur during scheduled nighttime or weekend work. All equipment will be operated in accordance with manufacturer's specifications and be kept in sound working order. Some limited potential for fugitive dust will occur from the minimal ground disturbance associated with carport foundations and the underground DC and AC cabling installations. The following measures are proposed to minimize temporary air quality impacts during construction:

- Excessive and long-term idling of construction equipment will not be permitted;

- All delivery trucks will be limited to three (3) minutes of idling; and

- All on-site construction equipment and delivery vehicles will have properly functioning exhausts and mufflers.

No significant adverse construction air quality impacts will occur given the limited duration of construction at each Project Site.

Temporary increased noise will also result from construction. Trucks delivering materials and supplies may temporarily increase local background noise levels; to avoid traffic concerns, the majority of the deliveries will be done in the overnight and/or off-peak traffic hours. Construction equipment itself will also increase background noise levels. The loudest pieces of equipment that may be used at the sites will likely be jackhammers or drills for carport foundations and trenching or horizontal drilling machines required for the underground cabling interconnections. This equipment has a sound pressure level (SPL) of about 76 – 98 dBA (50 feet) and will be used only for short durations during the on-site construction periods at the Project Site. This work, the type that generates the loudest temporary noise levels, will be coordinated with SCCC administrators to occur during times of year and times of day with the least potential to impact SCCC programming. It is anticipated that the bulk of this work will occur during summer months, outside of the full-swing academic year. These activities will also be limited to the hours between 6 a.m. and 7 p.m. in order to avoid night-time impacts on neighboring properties. With some potential work occurring on the weekends and in the evening hours, there could be minor temporary increase in noise from the sites to surrounding areas.

Hazardous Materials

As addressed above, it is not expected that hazardous materials will be encountered during construction. However, if any contaminated soils on a parking lot site are discovered, then ELISP's EPC contractor will be required to follow all applicable federal and State hazardous materials requirements for investigative and remedial work on the site, and the disposal of any such materials. Thus, no potential significant hazardous materials impacts will result from Project construction.

Natural Resources

While one of the Project objectives is to use developed sites, not green field sites, it is necessary to optimize the usable parking areas and individual parking lot spaces as Carport SGFs to meet the project objective of power generation. Consequently, there will be a number of interior and perimeter trees that will have to be removed and replaced. An estimated 50 – 70 trees will be so affected at SCCC Grant Campus; however, ELISP will make a one-to-one removal-to-replacement of all such trees so that there will be no net loss of trees. The replacement trees will be of the same species and their location will be determined by Suffolk County. In some instances there may be an opportunity to have the replacement trees replanted at the same Project Site but in different locations of the site that would avoid shading of the solar panels.

CUMULATIVE IMPACTS AND ALTERNATIVES ANALYSES

LIPA performed both cumulative impacts and alternatives analyses in its original environmental assessment of the Eastern Long Island Solar Project. Those analyses apply equally to the present supplement and are incorporated by reference herein. Additionally, the present Project Site was selected after consideration of alternative County-owned sites, including facilities in Yaphank. Those sites were determined not to be feasible due to technical considerations like slope, distance to existing LIPA infrastructure, and light resources.

INDEX OF EXHIBITS

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Exhibit 5: Photographs (2) of Parking Lots 3 & 4
a – Parking Lots 4
b – Parking Lots 3 & 4
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Exhibit 8: Project Site Elevation Map
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Exhibit 19: USGS Groundwater Table Map
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Exhibit 21: NYSDEC Spill Incident Report # 0708539

Google

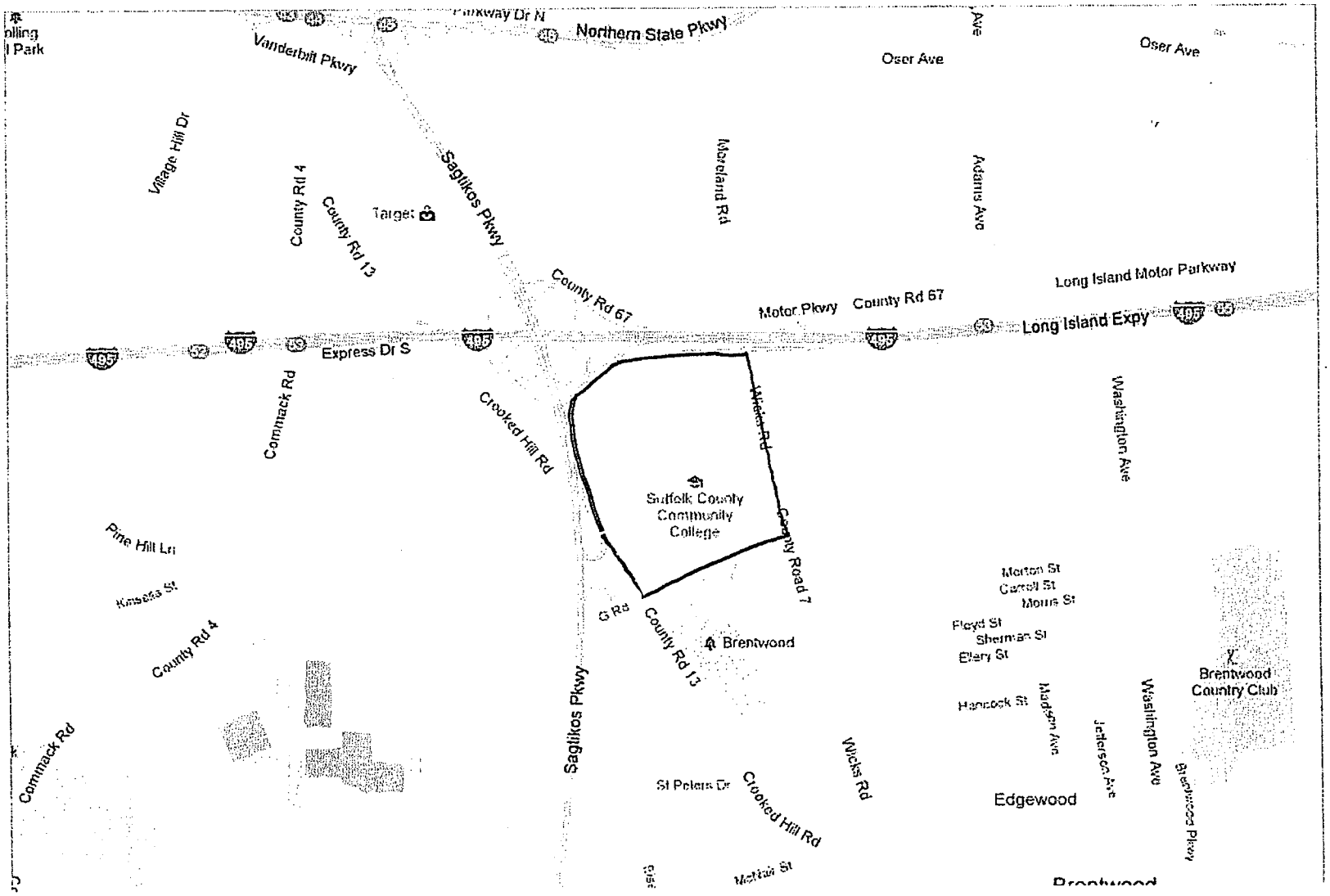


EXHIBIT #1

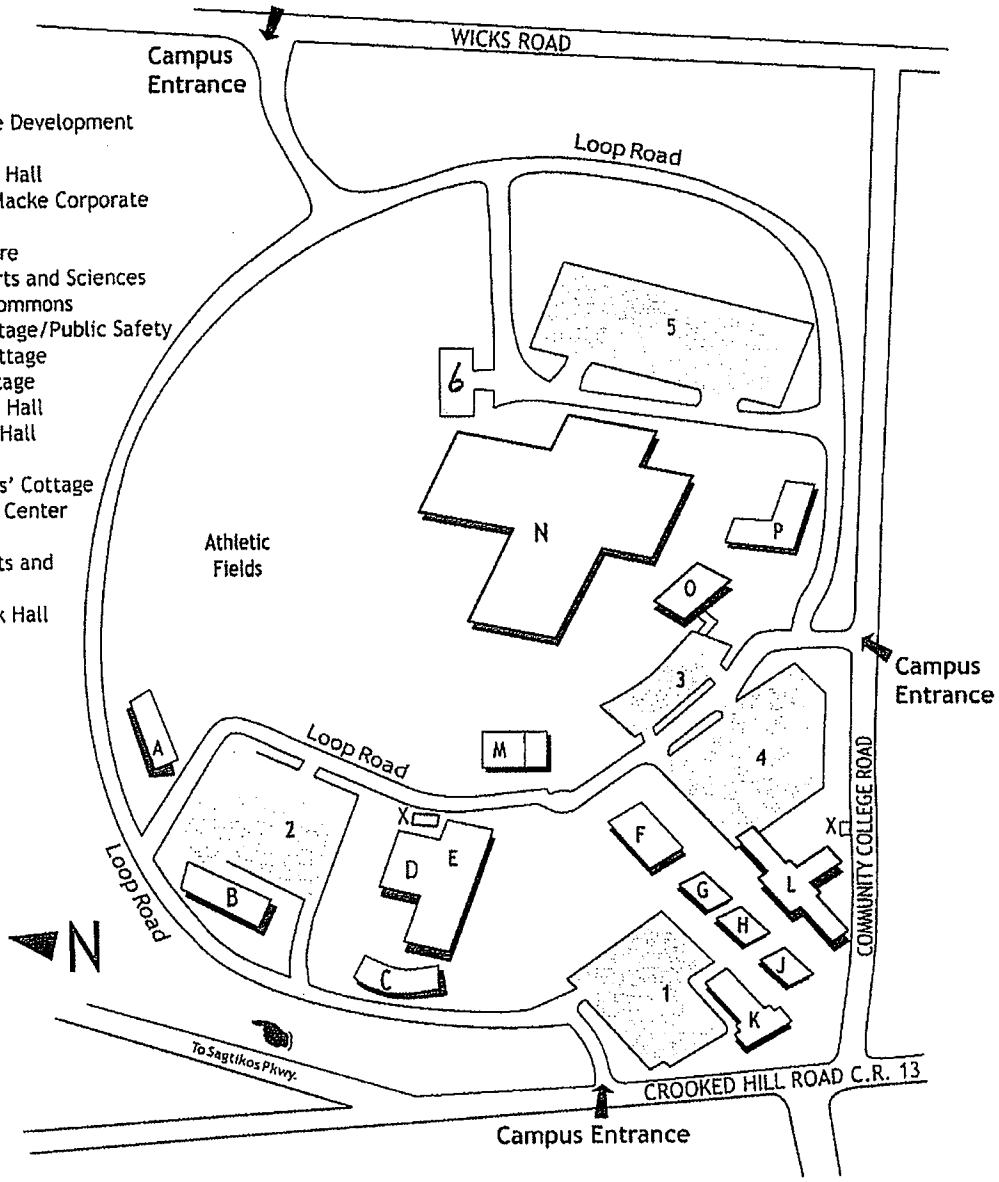
MICHAEL J. GRANT CAMPUS

Crooked Hill Road, Brentwood, NY 11717-1092

Take the Long Island Expressway (I-495) to Exit 53 (Sagtikos Parkway/Wicks Road). Follow signs to Wicks Road. Go south 1/2 mile on Wicks Road to campus entrance on right.

The Grant Campus is served by the following Suffolk County Transit bus routes: S-33, S-41, 3A.

A WFDVTC: Workforce Development Technology Center
B ASHROK: Asharoken Hall
C SLACKE: Sally Ann Slacke Corporate Training Center
D Van Nostrand Theatre
E SAGTKS: Sagtikos Arts and Sciences
F CAPTRE: Captree Commons
G NTHCOT: North Cottage/Public Safety
H CENCOT: Center Cottage
J STHCOT: South Cottage
K NESCON: Nesconset Hall
L CAUMST: Caumsett Hall
M Plant Operations
O KIDCOT: Suffolk Kids' Cottage Children's Learning Center (Child Care)
N HSEC: Health, Sports and Education Center
P PMANOK: Paumanok Hall
X Bus Shelter
1-5 Parking Fields



Suffolk COUNTY COMMUNITY COLLEGE

EXHIBIT #2

Google

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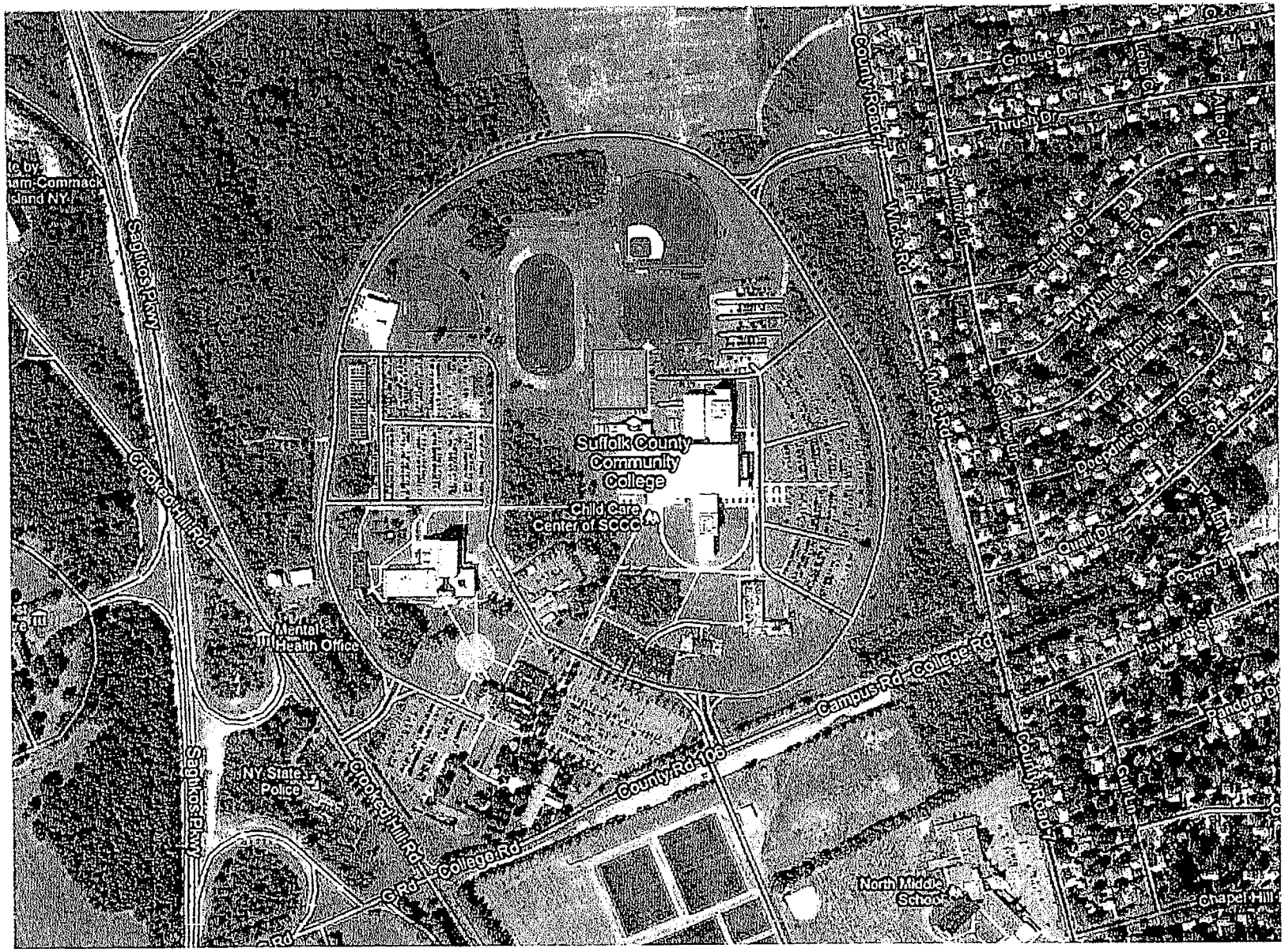


EXHIBIT #2

EXHIBIT #3

LOT 1

EXHIBIT #3

LOT 2

EXHIBIT #4

LOT 2

EXHIBIT # 4

EXHIBIT # 5

Lot 3+4

EXHIBIT # 5

EXHIBIT #6

BRENTWOOD NORTH MIDDLE SCHOOL

EXHIBIT #6

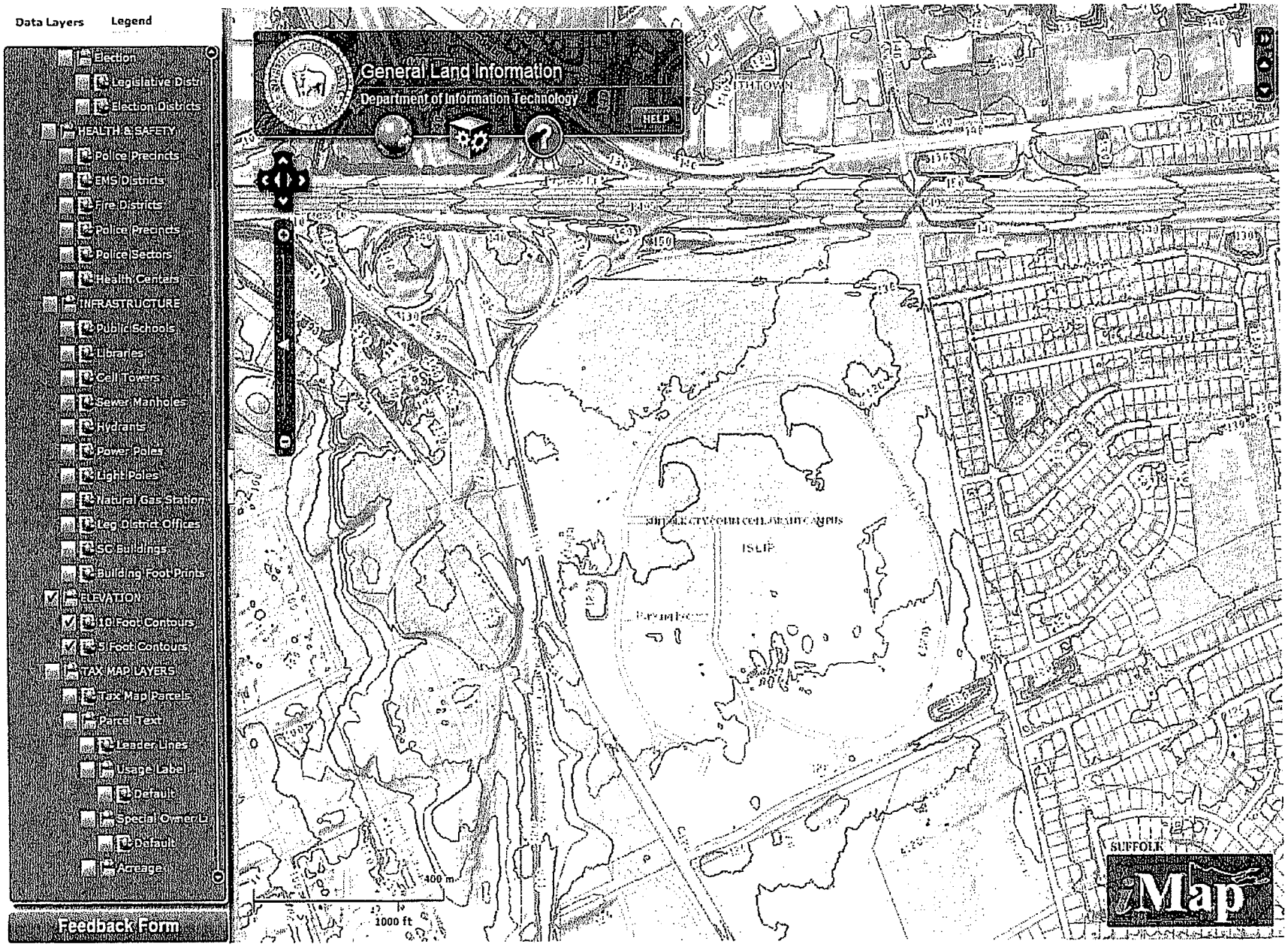
EXHIBIT #7

EXHIBIT #7

EXHIBIT #7

EXHIBIT #7

Exhibit #8


Data Layers
Legend
Election
Legislative Distr
Election Districts
HEALTH & SAFETY
Police Precincts
EMS Districts
Fire Districts
Police Precincts
Police Sectors
Health Centers
INFRASTRUCTURE
Public Schools
Libraries
Cell Towers
Sewer Manholes
Hydrants
Power Poles
Light Poles
Natural Gas Stations
Leg District Offices
SC Buildings
Building Foot Prints
ELEVATION
10 Foot Contours
5 Foot Contours
TAX MAP LAYERS
Tax Map Parcels
Parcel Text
Leader Lines
Usage Label
Default
Special Owner Lb
Default
Acreage
Feedback Form
General Land Information
Department of Information Technology
HELP
SMITHTOWN
ISLIP
400 m
1000 ft
SUFFOLK
Map

SUFFOLK COUNTY, NEW YORK — SHEET NUMBER 75

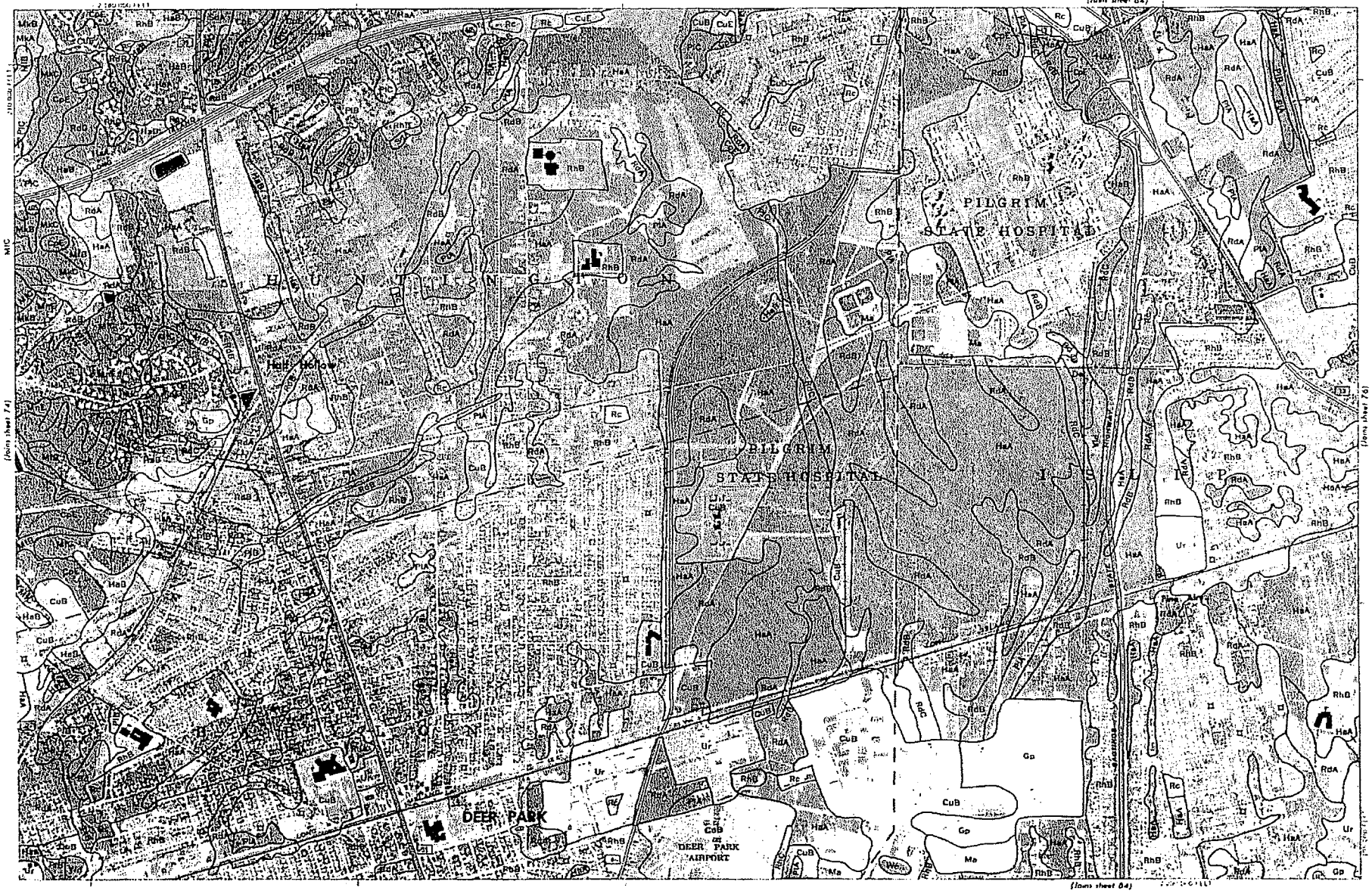


EXHIBIT #6

EXHIBIT #9

SUFFOLK COUNTY, NEW YORK — SHEET NUMBER 64

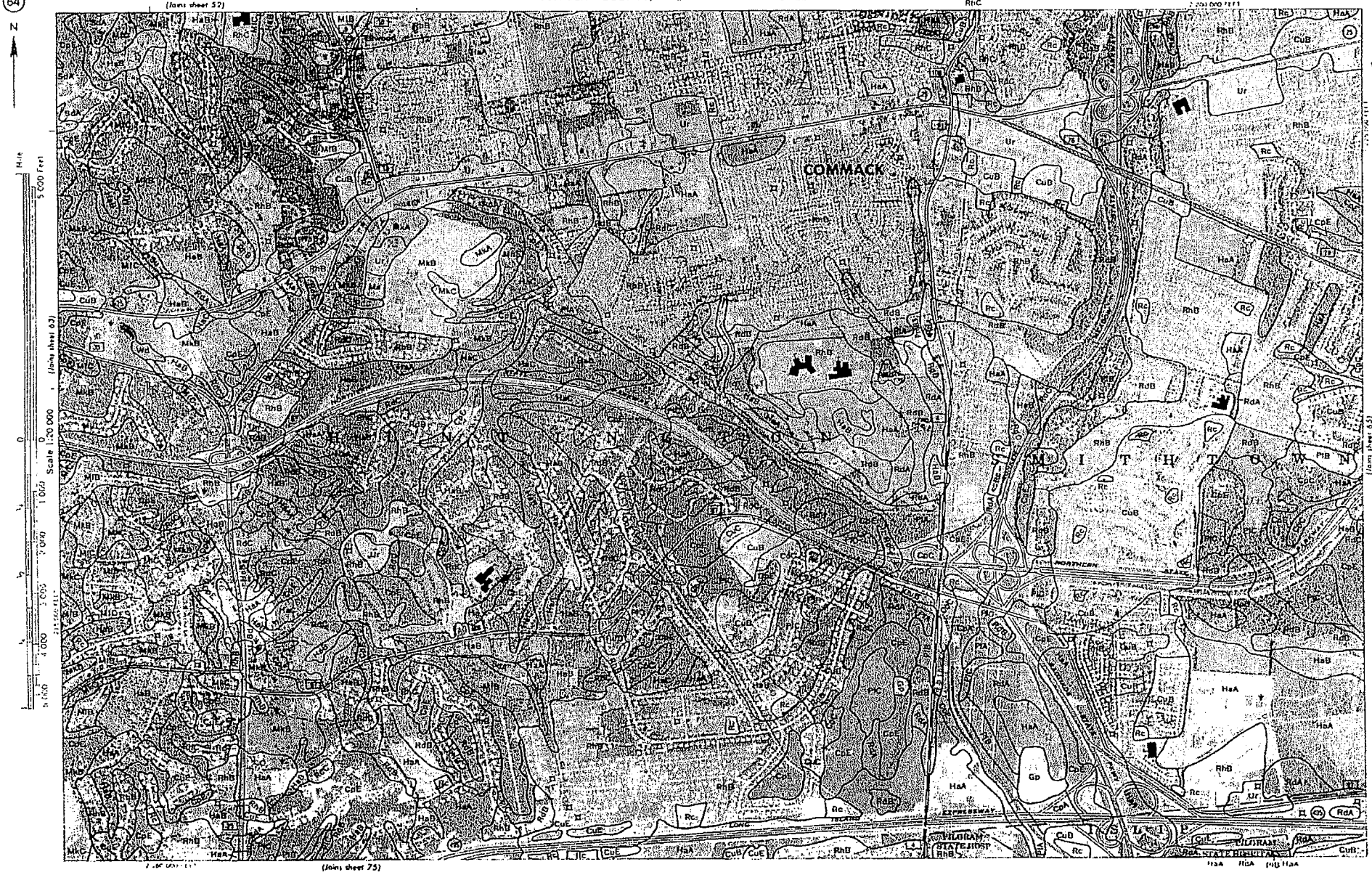


EXHIBIT #9

EXHIBIT #9

Original text from each individual map sheet read:
This map is one of a set compiled in 1972 as part of a soil survey by the United States Department of Agriculture, Soil Conservation Service, and the Cornell University Agricultural Experiment Station. Photobase from 1970 aerial photography. Positions of 5,000-foot grid ticks are approximate and based on the New York coordinate system, Long Island Zone.

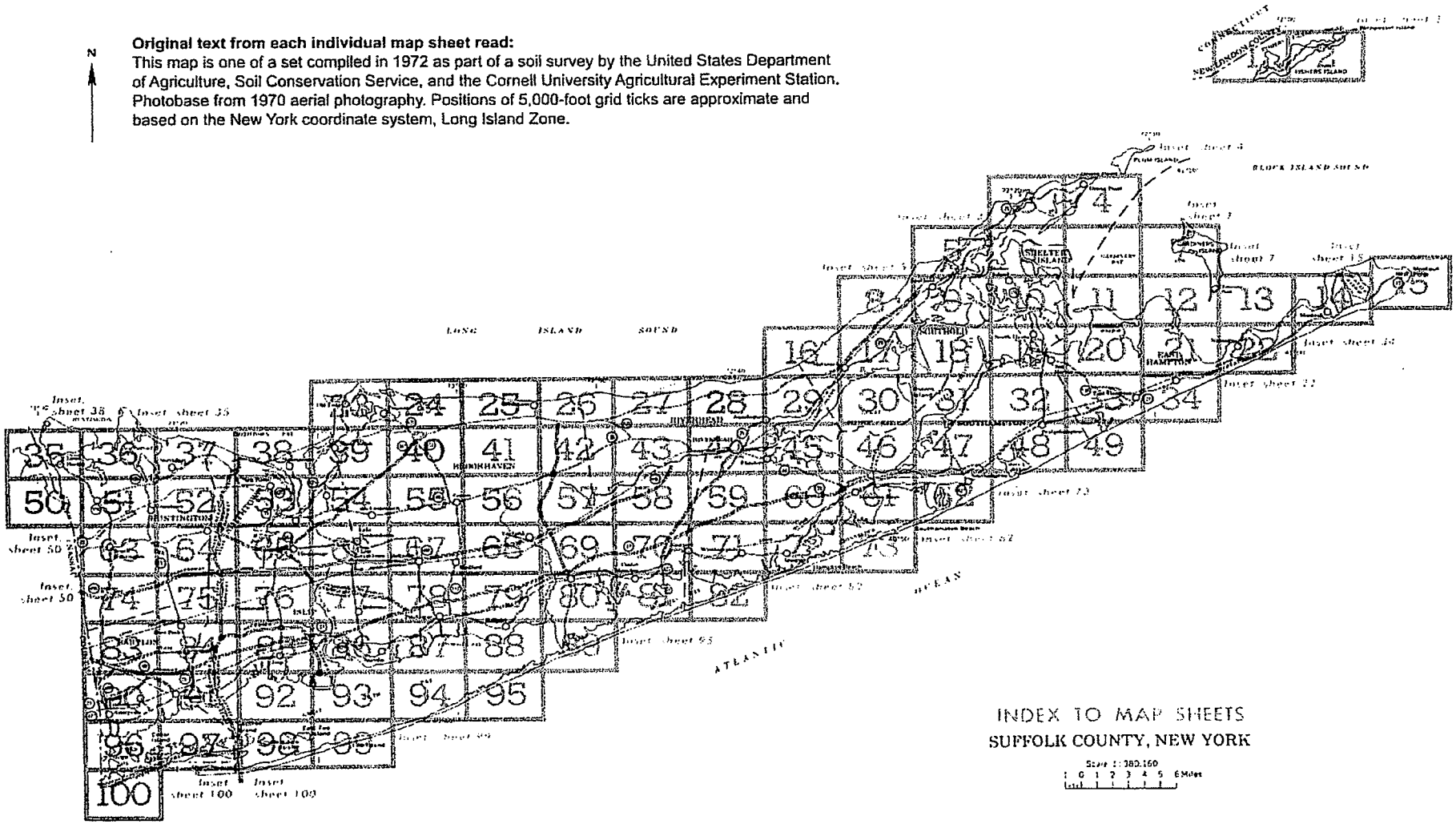


EXHIBIT #10

EXHIBIT #10

part of the county along the north shore are being used as homesites. Capability unit VIIs-1; woodland suitability group 5s2.

Cut and Fill Land

Cut and fill land is made up of areas that have been altered in grading operations for housing developments, shopping centers, and similar nonfarm uses. Generally, the initial grading consists of cuts and fills for streets or parking lots. During this phase, excess soil material is stockpiled for final grading and topdressing around houses or other buildings.

Areas of Cut and fill land contain deep cuts in or near the sandy substratum of the soil or sandy fills of 28 inches or more. Generally, cuts are so deep or fills so thick that identification of soils by series is not possible. The soil material making up the upper 40 inches of this unit contains as much as 12 inches of sandy loam, loam, or silt loam in some places. The 28 inches that remain are loamy fine sand or coarser textured material. Cut and fill land is generally associated with Carver and Plymouth soils.

The soil material that remains after grading operations are completed has low available moisture capacity, is droughty, and is low to very low in natural fertility.

The areas of Cut and fill land have severe limitations to use in establishing and maintaining lawns and landscaping. The areas are not suited to farming operations because of the alteration of existing soil material and the presence of buildings and other works of man.

Cut and fill land, gently sloping (CuB).—This unit is made up of level to gently sloping areas that have been cut and filled for nonfarm uses. Slopes range from 1 to 8 percent; and because of final grading around houses and other buildings, slopes generally are complex. The areas generally are large, but some areas are about 5 acres in size.

Cut and fill land makes up at least 75 percent of this unit. Texture is dominantly loamy fine sand or coarser textured material throughout. The 25 percent that remains consists of areas of soils of the Carver, Haven, Plymouth, or Riverhead series. The areas of these soils are smaller than 5 acres.

Included with this land type in mapping are small areas of Riverhead and Haven soils, graded, 0 to 8 percent slopes, and small areas that have more than 12 inches of sandy loam, loam, or silt loam in the upper 40 inches.

This land type has few, if any, limitations to use as building sites. Capability unit not assigned; woodland suitability group not assigned.

Cut and fill land, sloping (CuC).—This unit is made up of moderately sloping areas that have been graded for building sites. Slopes range from 8 to 15 percent. Individual areas are generally small, often following the side slopes of drainage channels. The smallest area mapped is 5 acres.

Cut and fill land makes up 60 to 70 percent of this unit. Its texture is dominantly loamy fine sand or coarser textured material. Making up the remaining percentage of this unit are soils of the Carver, Haven, Plymouth, or Riverhead series. Because of moderate slopes on some areas of Riverhead and Haven soils, cuts and fills are deep enough that the soil material that remains after grading is dominantly loamy fine sand, or coarser textured material, throughout the upper 28 inches. For this reason, this unit is as commonly associated with Riverhead and Haven soils as with Carver and Plymouth soils. Grading on these sloping soils generally is restricted to sites for buildings and to areas immediately surrounding the houses.

This land type has limitations for most nonfarm uses because of slope. Capability unit not assigned; woodland suitability group not assigned.

Cut and fill land, steep (CuE).—This unit is made up of moderately steep or steep areas that have been graded for building sites or of areas where excess soil material from excavations has been stockpiled. Slopes range from 15 to 35 percent. The areas of this unit are small. The smallest area mapped is 5 acres.

Cut and fill land makes up 60 to 70 percent of the unit. The remaining 30 to 40 percent is made up of soils of the Carver and Plymouth series. Texture throughout is loamy fine sand or coarser textured material. This unit occurs where deep cuts have been made into hillsides to establish level areas for homesites. The material removed from cuts is used to fill and grade yards. Most areas between building sites are ungraded. Areas that have not been used as homesites are severely limited for most nonfarm purposes because of slope. Capability unit not assigned; woodland suitability group not assigned.

Deerfield Series

The Deerfield series consists of deep, moderately well drained, coarse-textured soils that formed in sand or loamy sand materials over deep layers of sand or sand and gravel. This nearly level soil is throughout the county in depressional areas, or it is adjacent to wetter soils that form the borders around lakes, ponds, or tidal marshes. It is primarily on outwash plain. Native vegetation is white pine, pitch pine, white oak, and red oak and huckleberry bushes.

A representative profile has a thin layer of black organic matter on the surface about 3 inches thick. Below this is a surface layer of gray sand about 6 inches thick. The subsoil, to a depth of about 25 inches, is dark reddish-brown, friable sand in the upper 2 inches. Below this it is olive-yellow and light yellowish-brown, very friable sand. The substratum, to a depth of 53 inches, is light-gray loose sand.

Deerfield soils have very low available moisture capacity in the surface layer and upper part of the subsoil; however, deeper rooted plants can draw moisture from the water table. Permeability is rapid throughout the surface layer and subsoil. A seasonal high water table is at a depth of about 18 to 24 inches. Reaction is strongly acid to very strongly acid throughout. Natural fertility is low. Crop response to applications of lime and fertilizer is fair. The root zone is mainly in the upper 25 to 30 inches.

Representative profile of Deerfield sand, wooded, one-fourth mile north of intersection of Swamp Road and State Route 114, in the Town of East Hampton:

O1—3 to 2 inches, loose hardwood leaves and pine needles.
O2—2 inches to 0, decomposed leaves and twigs; many roots.

Exhibit # 11

Exhibit # 11

SCCC Brentwood - Hazardous Materials

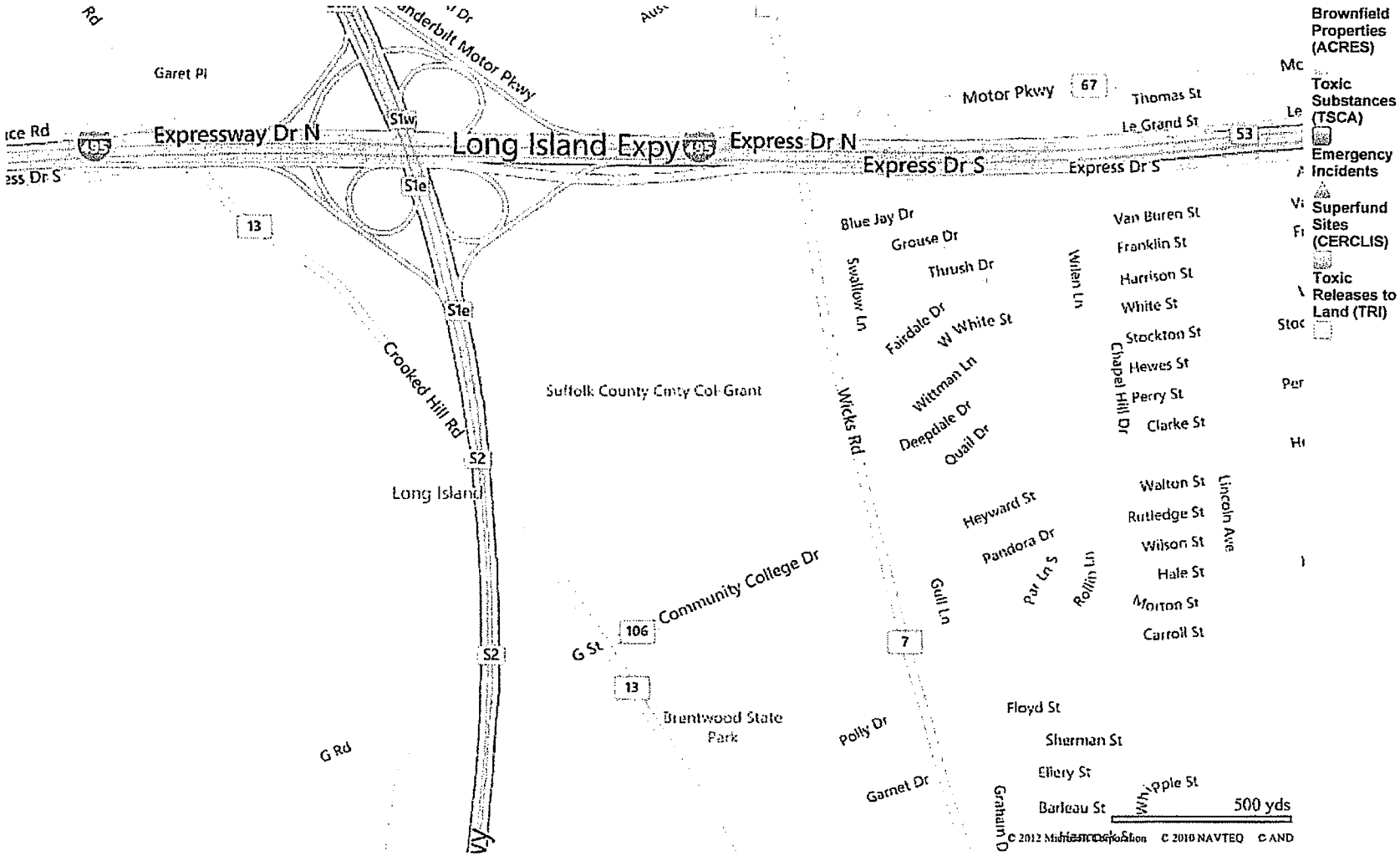


EXHIBIT #17

NEW YORK STATE
DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

Spill Incidents Database Search Results

Record Count: 29 Rows: 1 to 29

Export XLS | Export CSV

	Spill Number	Date Spill Reported	Spill Name	County	City/Town	Address
1.	8703683	08/05/1987	UNKNOWN	SUFFOLK	BRENTWOOD	WICKS ROAD & BLUEJAY ROAD
2.	8803692	07/28/1988	SAINT LUKES CHURCH	SUFFOLK	BRENTWOOD	266 WICKS ROAD
3.	8803846	08/02/1988	SUSPECT AMOCO S/S	SUFFOLK	BRENTWOOD	LIE SER RD & WICKS ROAD
4.	8909121	12/17/1989	UNKNOWN	SUFFOLK	NORTH BRENTWOOD	WICKS ROAD & G ROAD
5.	8911937	03/16/1990	MOBIL	SUFFOLK	BRENTWOOD	WICKS ROAD & LIE
6.	9008560	11/05/1990	AMOCO S/S	SUFFOLK	BRENTWOOD	260 MOTOR PARKWAY/WICKS ROAD
7.	9206435	09/03/1992	BRENTWOOD UFSD	SUFFOLK	BRENTWOOD	350 WICKS ROAD
8.	9206900	09/15/1992	BRENTWOOD SCHOOL DISTRICT	SUFFOLK	BRENTWOOD	WICKS ROAD
9.	9209873	11/24/1992	JOHN CATTELLI	SUFFOLK	BRENTWOOD	101 WICKS ROAD
10.	9304851	07/16/1993	TOWN OF ISLIP	SUFFOLK	BRENTWOOD	111 WICKS ROAD
11.	9609833	11/06/1996	UNK	SUFFOLK	BRENTWOOD	WICKS ROAD SOUTH OF LIE
12.	9709987	11/28/1997	UNKNOWN	SUFFOLK	BRENTWOOD	WICKS ROAD PARKING LOT
13.	9904914	07/25/1999	AUTOBODY	SUFFOLK	BRENTWOOD	149 WICKS ROAD
14.	0025436	03/13/2001	UNK	SUFFOLK	BRENTWOOD	WICKS ROAD/HANCOCK
15.	0125194	09/14/2001	MOBIL	SUFFOLK	BRENTWOOD	525 WICKS ROAD/LIE
16.	0106308	09/14/2001	MOBIL GAS STATION	SUFFOLK	BRENTWOOD	525 WICKS ROAD
17.	0108931	12/07/2001	NORTH MIDDLE SCHOOL	SUFFOLK	BRENTWOOD	WICKS ROAD
18.	0207351	10/16/2002		SUFFOLK	BRENTWOOD	525 WICKS ROAD
19.	0212044	03/07/2003	UNKNOWN	SUFFOLK	BRENTWOOD	EB RTE 495 AT WICKS ROAD X53
20.	0425166	07/16/2004	GAS STATION	SUFFOLK	BRENTWOOD	525 WICKS ROAD

EXHIBIT #13

21.	0650952	09/14/2006	UNKNOWN	SUFFOLK BRENTWOOD	WICKS ROAD/EXPRESS DRIVE S
22.	0611134	01/05/2007	PERSAUD RESIDENCE	SUFFOLK BRENTWOOD	136 WICKS ROAD
23.	0802621	06/07/2008	UNKNOWN	SUFFOLK BRENTWOOD	LEAHY AVE / WICKS ROAD
24.	0812907	02/27/2009	EXXON/MOBIL BRENTWOOD DEVELOPMENT	SUFFOLK BRENTWOOD	525 WICKS ROAD
25.	0905056	07/31/2009	MOBIL	SUFFOLK BRENTWOOD	525 WICKS ROAD
26.	0907305	09/29/2009	MOBIL #11362	SUFFOLK BRENTWOOD	525 WICKS ROAD
27.	0907526	10/05/2009	MOBIL STATION 11362	SUFFOLK BRENTWOOD	525 WICKS ROAD
28.	0911760	02/04/2010	UNKNOWN	SUFFOLK BRENTWOOD	55 WICKS ROAD
29.	1006399	09/13/2010	MOBIL GAS 11362	SUFFOLK BRENTWOOD	525 WICKS ROAD

NEW YORK STATE
DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

Spill Incidents Database Search Results

Record Count: 29 Rows: 1 to 29

Export XLS Export CSV

	Spill Number	Date Spill Reported	Spill Name	County	City/Town	Address
1.	8606037	12/24/1986	AMERICAN SWEETNERS	SUFFOLK	BRENTWOOD	G ROAD CROOKED HILL ROAD
2.	8706717	11/06/1987	UNKNOWN	SUFFOLK	BRENTWOOD	CROOKED HILL ROAD & G ROAD
3.	8709594	02/11/1988	ANGELO BELLI CONSTRUCTION	SUFFOLK	WEST BRENTWOOD	885 CROOKED HILL ROAD
4.	8709597	02/11/1988	LOUIS GABASSO	SUFFOLK	WEST BRENTWOOD	900 CROOKED HILL ROAD
5.	8907831	11/07/1989	PILGRIM STATE HOSPITAL	SUFFOLK	BRENTWOOD	CROOKED HILL ROAD
6.	9109461	12/05/1991	UNK	SUFFOLK	BRENTWOOD	CROOKED HILL ROAD
7.	9111898	02/19/1992	PILGRIM STATE HOSPITAL	SUFFOLK	BRENTWOOD	CROOKED HILL ROAD
8.	9314112	03/02/1994	CREAM-O-LAND DAIRY	SUFFOLK	BRENTWOOD	125 CROOKED HILL ROAD
9.	9504662	07/18/1995	BP STATION	SUFFOLK	BRENTWOOD	125 CROOKED HILL ROAD
10.	9902514	06/04/1999	PILGRIM PSYCHIATRIC CENTER	SUFFOLK	WEST BRENTWOOD	998 CROOKED HILL ROAD
11.	9910828	12/11/1999	LIPA	SUFFOLK	BRENTWOOD	CROOKED HILL ROAD S/O LIE
12.	9910829	12/11/1999	UNKNOWN	SUFFOLK	BRENTWOOD	CROOKED HILL ROAD S/O LIE
13.	9913072	02/16/2000	PILGRIM PSYCH	SUFFOLK	WEST BRENTWOOD	998 CROOKED HILL ROAD
14.	0005231	08/01/2000	PILGRIM STATE	SUFFOLK	BRENTWOOD	CROOKED HILL ROAD
15.	0101041	04/26/2001	NYS PILGRAM PHYSC CENTER	SUFFOLK	WEST BRENTWOOD	CROOKED HILL ROAD
16.	0105189	08/13/2001	SOCCER FIELD	SUFFOLK	WEST BRENTWOOD	998 CROOKED HILL ROAD
17.	0207066	10/08/2002	FORMER GAS STATION	SUFFOLK	BRENTWOOD	125 CROOKED HILL ROAD

EXHIBIT 13

18.	0208985	12/02/2002	PILGRIM PSYCH CENTER	SUFFOLK	WEST BRENTWOOD	998 CROOKED HILL ROAD
19.	0308105	10/31/2003	PILGRIM PSYCH CENTER	SUFFOLK	WEST BRENTWOOD	998 CROOKED HILL ROAD
20.	0325370	11/17/2003	PILGRIM PSYCHIATRIC	SUFFOLK	WEST BRENTWOOD	998 CROOKED HILL ROAD
21.	0314133	03/26/2004	UNKNOWN	SUFFOLK	BRENTWOOD	335 CROOKED HILL ROAD
22.	0485582	02/22/2005	BRENTWOOD CAMPUS- SCCC	SUFFOLK	BRENTWOOD	CROOKED HILL ROAD
23.	0500797	04/19/2005	UNKNOWN	SUFFOLK	BRENTWOOD	33 CROOKED HILL ROAD
24.	0708539	11/05/2007	SUFFOLK COUNTY COMMUNITY	SUFFOLK	BRENTWOOD	1001 CROOKED HILL ROAD
25.	0710453	01/03/2008	7-11	SUFFOLK	BRENTWOOD	125 CROOKED HILL ROAD
26.	0807334	09/30/2008	PILGRIM STATE PSYCH CENTER	SUFFOLK	BRENTWOOD	998 CROOKED HILL ROAD
27.	1009276	11/29/2010	7-11 GAS STATION	SUFFOLK	BRENTWOOD	125 CROOKED HILL ROAD
28.	1100913	04/26/2011	EDGEWOOD ENERGY	SUFFOLK	WEST BRENTWOOD	998 CROOKED HILL ROAD
29.	1107400	09/12/2011	INTERSECTION	SUFFOLK	BRENTWOOD	CROOKED HILL ROAD / LIE

EXHIBIT 13

Suffolk County

Federally Listed Endangered and Threatened Species and Candidate Species

This list represents the best available information regarding known or likely County occurrences of Federally-listed and candidate species and is subject to change as new information becomes available.

Common Name	Scientific Name	Status
Kemp's [=Atlantic] ridley turtle[1]	*Lepidochelys kempi*	E
Green turtle[1]	*Chelonia mydas*	T
Hawksbill turtle[1]	*Eretmochelys imbricate*	E
Leatherback turtle[1]	*Dermochelys coriacea*	E
Loggerhead turtle[1]	*Caretta caretta*	T
Piping plover[2]	*Charadrius melodus*	T
Roseate tern	*Sterna dougallii dougallii*	E
Sandplain gerardia	*Agalinis acuta*	E
Seabeach amaranth	*Amaranthus pumilus*	T
Shortnose sturgeon[3]	*Acipenser brevirostrum*	E
Small whorled pogonia *(Historic)*	*Isotria medeoloides*	T

Status Codes: E=Endangered T=Threatened P=Proposed C=Candidate D=Delisted

EXHIBIT #14

[1]Except for sea turtle nesting habitat, principal responsibility for these species is vested with the National Oceanic and Atmospheric Administration/Fisheries.

[2]Habitat is only found at the shoreline, on barrier islands, sandy beaches and dredged material disposal islands. Please see the fact sheet for more information.

[3]Primarily occurs in Hudson River. Principal responsibility for this species is vested with the National Oceanic and Atmospheric Administration/Fisheries. Please visit the following website for more information http://www.nmfs.noaa.gov/pr/species/esa.htm.

Information current as of: 11/16/2009

EXHIBIT # 14

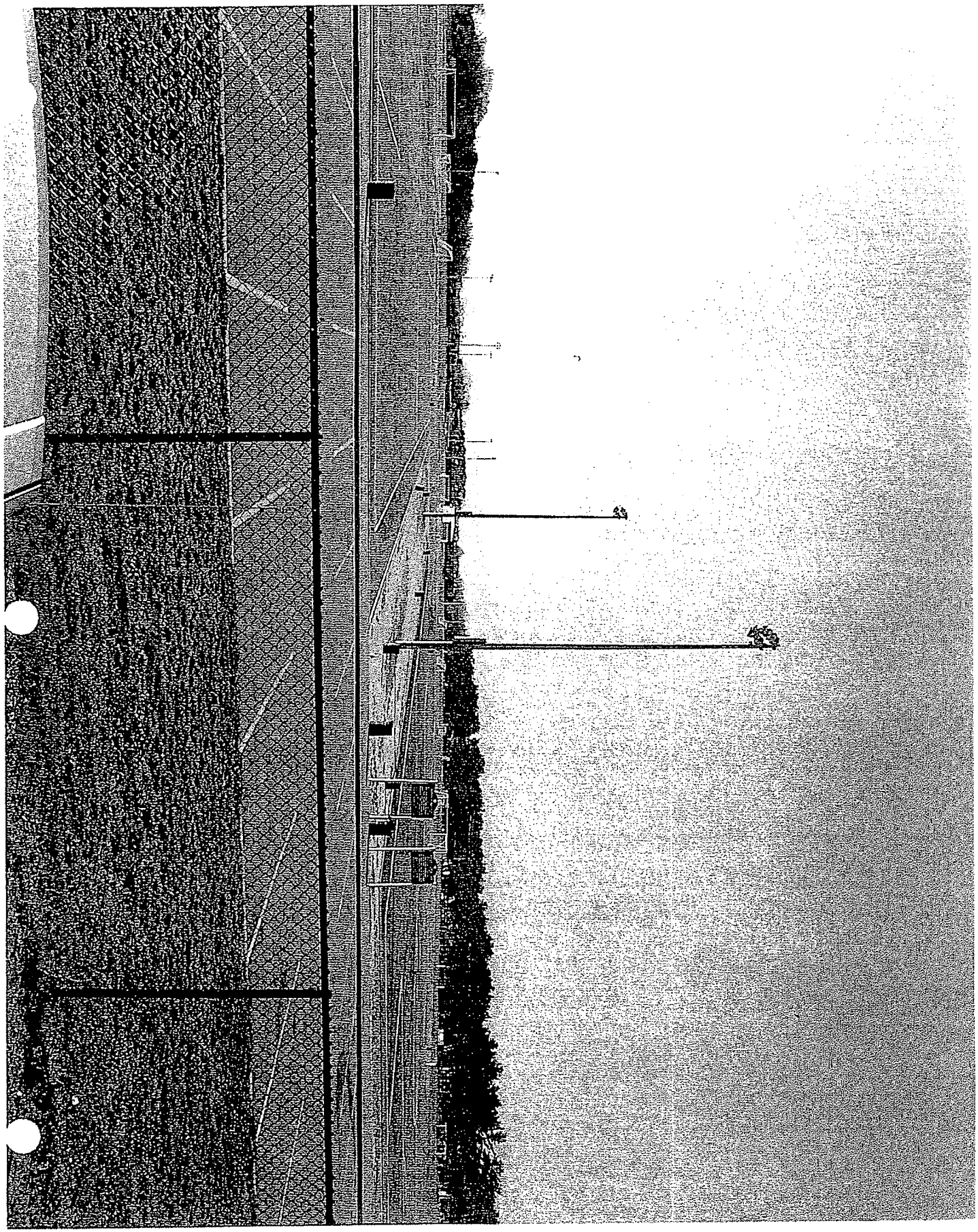
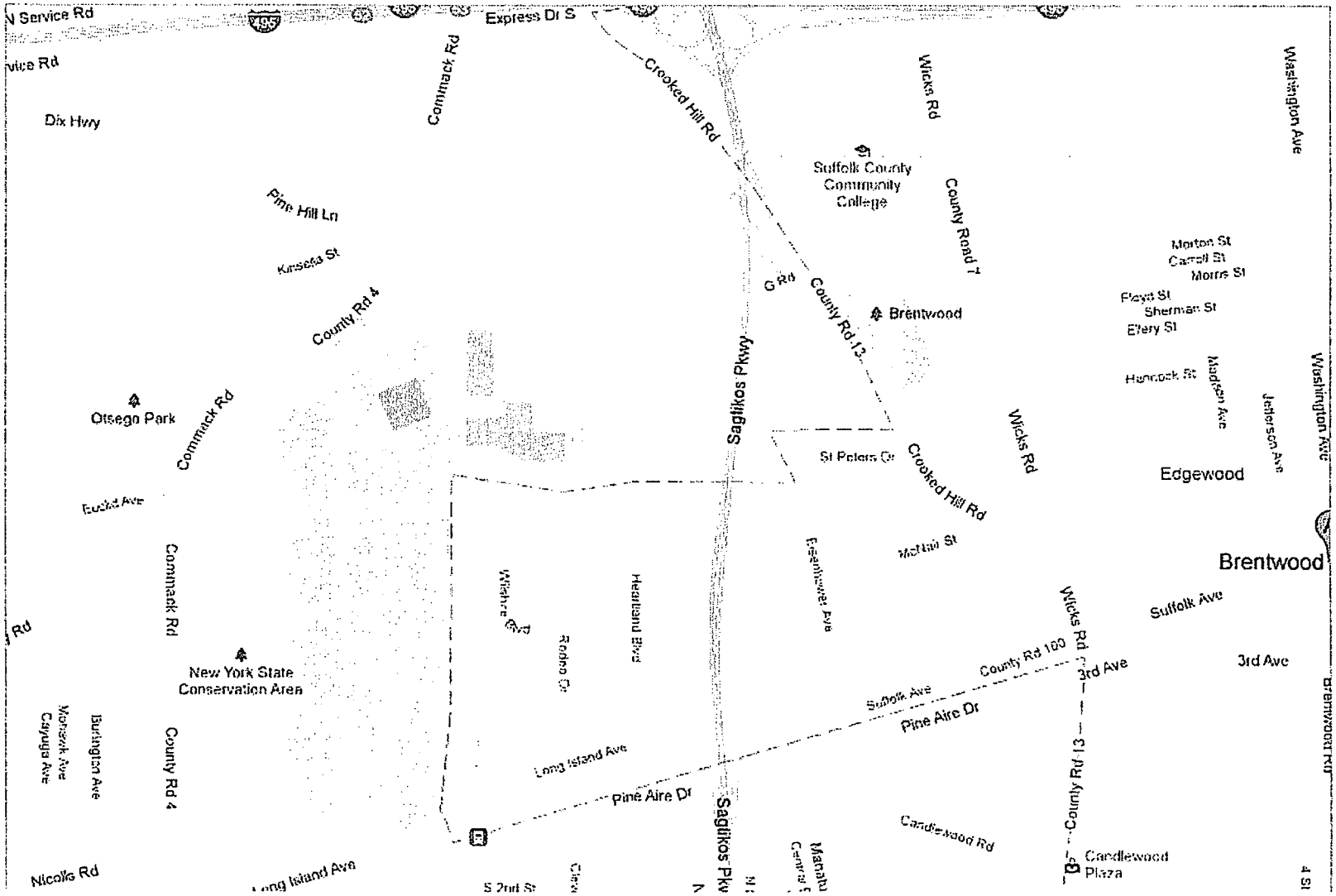


EXHIBIT #15

Exhibit #16

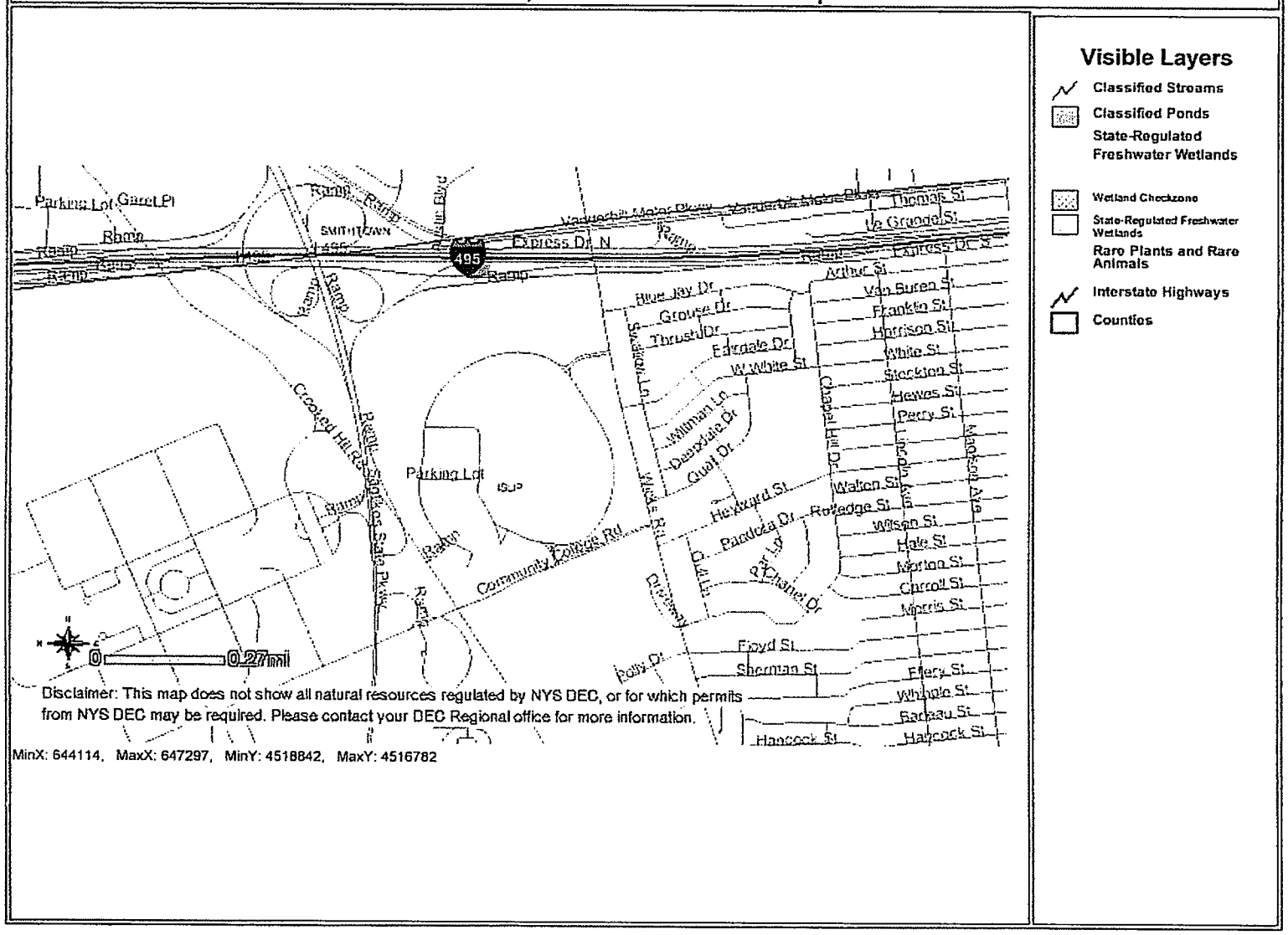
Exhibit #17

Google



Please set your printer orientation to "Landscape".

SCCC, Brentwood - Wetlands Map



Disclaimer:This map was prepared by the New York State Department of Environmental Conservation using the most current data available. It is deemed accurate but is not guaranteed. NYS DEC is not responsible for any inaccuracies in the data and does not necessarily endorse any interpretations or products derived from the data.

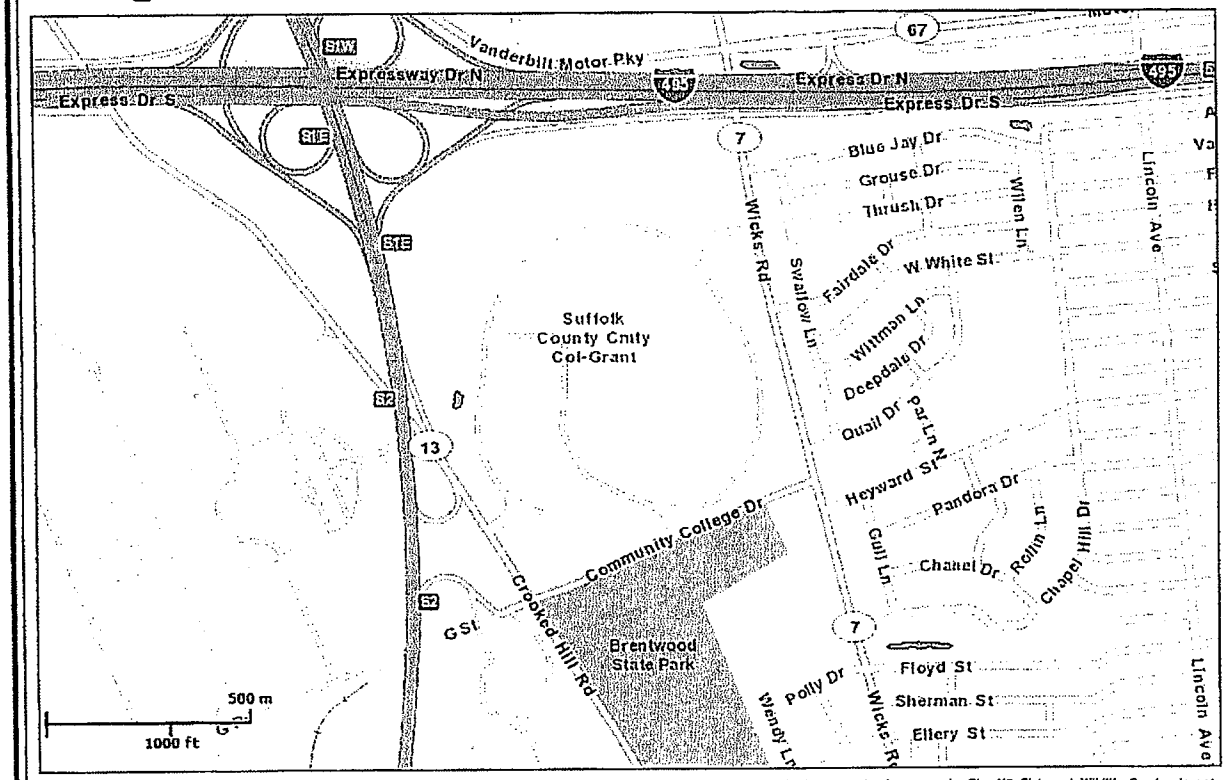
Exhibit # 18

U.S. Fish and Wildlife Service

National Wetlands Inventory

Federal Wetlands Inventory

Apr 10, 2012



Wetlands

- Freshwater Emergent
- Freshwater Forested/Shrub
- Estuarine and Marine Deepwater
- Estuarine and Marine
- Freshwater Pond
- Lake
- Riverine
- Other

Riparian

- Herbaceous
- Forested/Shrub

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

User Remarks:

SCCC Brentwood

EXHIBIT # 18

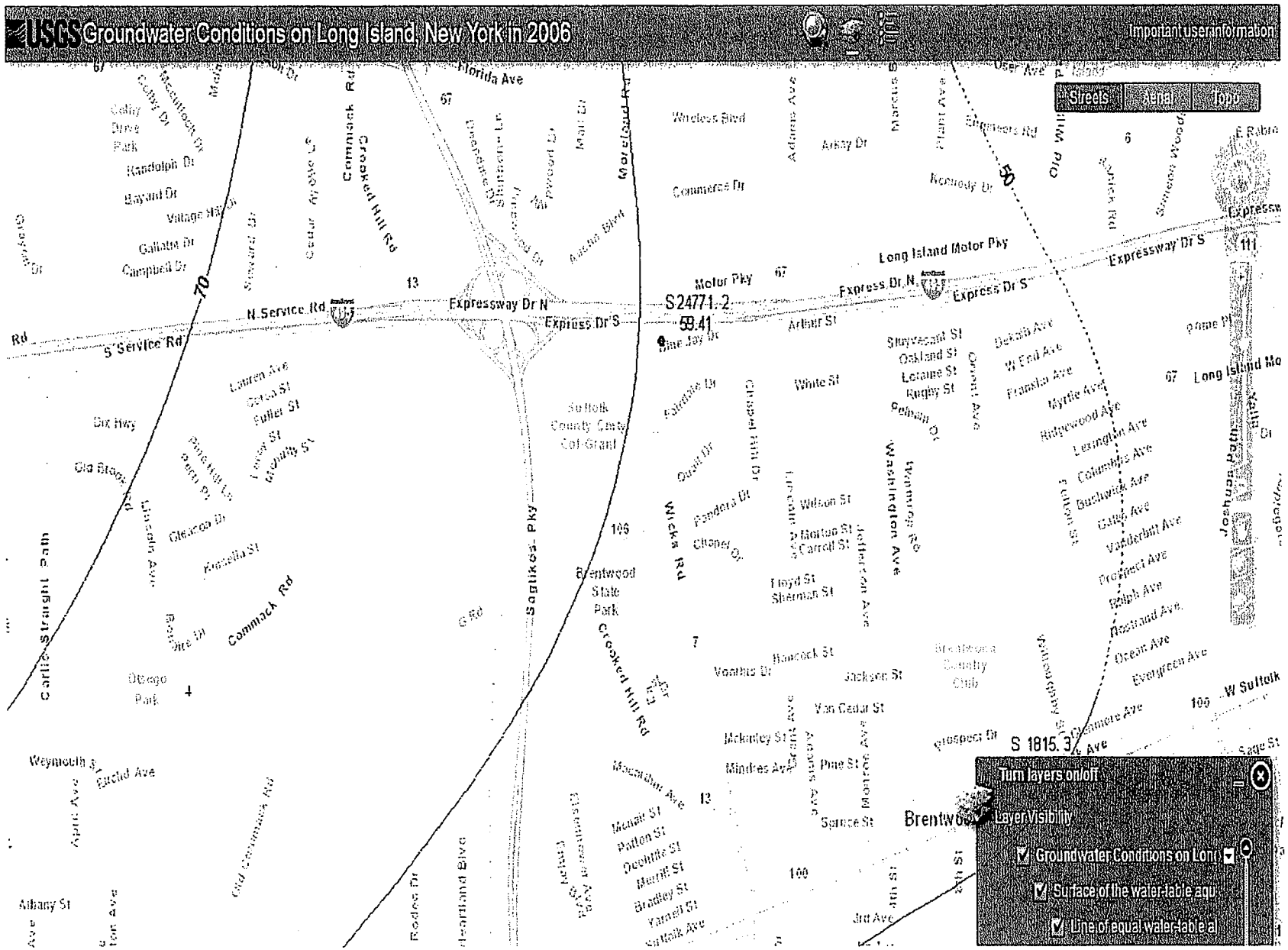

USGS Groundwater Conditions on Long Island, New York in 2006
Important user information
Streets
Aerial
Topo
Turn layers on/off
Layer Visibility
Groundwater Conditions on Lon
Surface of the water-table aqu
Line of equal water-table al
S24771.2
59.41
S 1815.3
Long Island Motor Pky
Expressway Dr S
Expressway Dr N
N Service Rd
S Service Rd
Sagtikos Pky
Crooked Hill Rd
Commack Rd
Carlls Straight Path
Brentwood State Park
Suffolk County Cow Grant
Washington Ave
Brentwood
W Suffolk

EXHIBIT # 19

NEW YORK STATE
DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 1
Spill Number: 0485582

Spill Date/Time

Spill Date: 02/22/2005 **Spill Time:** 09:00:00 AM
Call Received Date: 02/22/2005 **Call Received Time:** 09:01:00 AM

Location

Spill Name: BRENTWOOD CAMPUS- SCCC
Address: CROOKED HILL ROAD
City: BRENTWOOD **County:** SUFFOLK

Spill Description

Material Spilled	Amount Spilled	Resource Affected
Diesel	UNKNOWN	Impervious Surface

Cause: Unknown
Source: Commercial Vehicle
Waterbody:

Record Close

Date Spill Closed: 12/01/2011

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

EXHIBIT 20

NEW YORK STATE
DEPARTMENT OF
ENVIRONMENTAL CONSERVATION

Spill Incidents Database Search Details

Spill Record

Administrative Information

DEC Region: 1
Spill Number: 0708539

Spill Date/Time

Spill Date: 11/05/2007 **Spill Time:** 09:44:00 PM
Call Received Date: 11/05/2007 **Call Received Time:** 10:23:00 PM

Location

Spill Name: SUFFOLK COUNTY COMMUNITY
Address: 1001 CROOKED HILL ROAD
City: BRENTWOOD **County:** SUFFOLK

Spill Description

Material Spilled	Amount Spilled	Resource Affected
Gasoline	14.00 Gal.	Soil

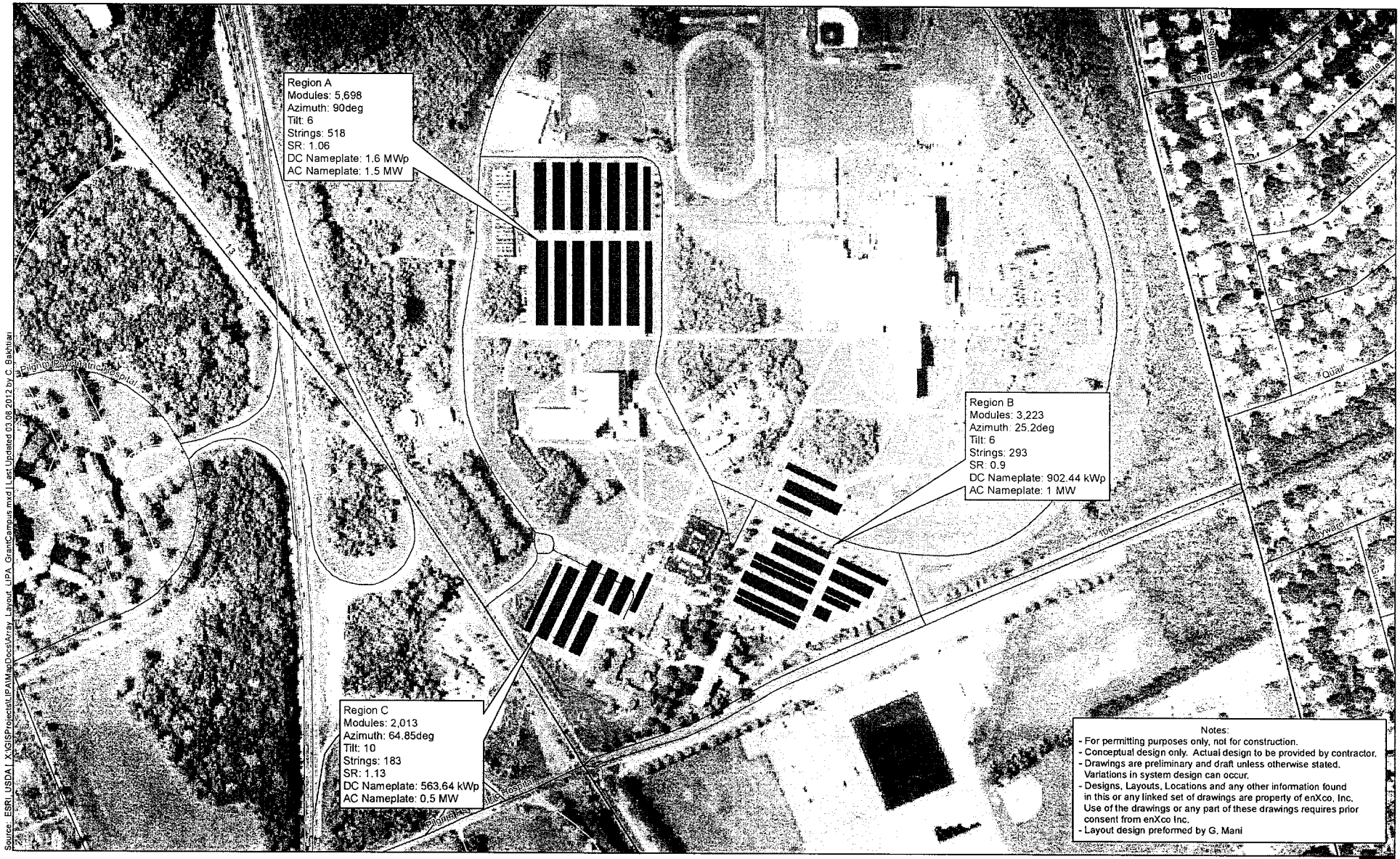
Cause: Vandalism
Source: Commercial Vehicle
Waterbody:

Record Close

Date Spill Closed: 11/06/2007

"Date Spill Closed" means the date the spill case was closed by the case manager in the Department of Environmental Conservation (the Department). The spill case was closed because either; a) the records and data submitted indicate that the necessary cleanup and removal actions have been completed and no further remedial activities are necessary, or b) the case was closed for administrative reasons (e.g., multiple reports of a single spill consolidated into a single spill number). The Department however reserves the right to require additional remedial work in relation to the spill, if in the future it determines that further action is necessary.

EXHIBIT 21



enXco

0 250 500 1,000 1,500 Feet

CARPORT LAYOUT - SCCC GRANT CAMPUS

Suffolk County, New York

v1