

COUNTY OF SUFFOLK



STEVEN BELLONE
SUFFOLK COUNTY EXECUTIVE

DEPARTMENT OF PUBLIC WORKS

PHILIP A. BERDOLT
DEPUTY COMMISSIONER

GILBERT ANDERSON, P.E.
COMMISSIONER

DARNELL TYSON, P.E.
DEPUTY COMMISSIONER

MEMORANDUM

TO: Gloria Russo, Chairperson
Council on Environmental Quality *B*

FROM: Ben Wright, P.E., Principal Civil Engineer

SUBJECT: **Yaphank County Center Sewers, CP 8158**

DATE: March 1, 2016

Attached is a short EAF for the referenced sewers in the service area of Yaphank County Center. There is the need to be proactive with respect to this sewer infrastructure. Not all locations of work on the sewers have been identified with respect to the need for improvement, but many of the areas have sewer pipe which is subject to corrosion and failure. All work would be confined to replacement in-kind of the facilities located on the County Center site. The adopted capital budget includes \$250,000 to address these problems.

BW:ni

Attachment

cc: Gilbert Anderson, P.E., Commissioner
John Donovan, P.E., Chief Engineer
Janice McGovern, P.E., Principal Civil Engineer
John Corral, CEQ

H:\SANITATION\Engineering\Employees\wrightb\2016\bw3-1-16 Yaphank County Center Sewers CP 8158
memo to GRusso.doc

SUFFOLK COUNTY IS AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER

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 Department of Public Works	2. PROJECT NAME CP 8158 – Yaphank County Center Sewers
3. PROJECT LOCATION Municipality Yaphank County Suffolk	
4. PRECISE LOCATION (Street address and road intersections, prominent landmarks, etc., or provide map) Various locations of the sewage conveyance system within the County Center	
5. IS PROPOSED ACTION: <input type="checkbox"/> New <input type="checkbox"/> Expansion <input checked="" type="checkbox"/> Modification /alteration	
6. DESCRIBE PROJECT BRIEFLY: Replace portions of the sewage conveyance system prior to emergency response or failure	
7. AMOUNT OF LAND AFFECTED: Initially N/A acres Ultimately N/A acres	
8. WILL PROPOSED ACTION COMPLY WITH EXISTING ZONING OR OTHER LAND USE RESTRICTIONS? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, describe briefly	
9. WHAT IS PRESENT LAND US IN VICINITY OF PROJECT? <input type="checkbox"/> Residential <input type="checkbox"/> Industrial <input type="checkbox"/> Commercial <input type="checkbox"/> Agriculture <input type="checkbox"/> Park/Forest/Open Space <input checked="" type="checkbox"/> Other Describe:	
10. DOES ACTION INVOLVE A PERMIT APPROVAL, OR FUNDING, NOW OR ULTIMATELY FROM ANY OTHER GOVERNMENTAL AGENCY (FEDERAL, STATE OR LOCAL)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, list agency(s) and permit/approvals	
11. DOES ANY ASPECT OF THE ACTION HAVE A CURRENTLY VALID PERMIT OR APPROVAL? Yes <input checked="" type="checkbox"/> No If yes, list agency name and permit/approval	
12. AS A RESULT OF PROPOSED ACTION WILL EXISTING PERMIT/APPROVAL REQUIRE MODIFICATION? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
I CERTIFY THAT THE INFORMATION PROVIDED ABOVE IS TRUE TO THE BEST OF MY KNOWLEDGE	
Applicant/sponsor Name: Ben Wright Date: 3/1/16	
Signature: <u><i>Ben Wright</i></u>	

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 617.4? If yes, coordinate the review process and use the FULL EAF.
 yes X No Comment: **replacement in-kind**

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 X 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: **Short term construction noise and traffic maintenance within County Center**

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**

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 X No If Yes, explain briefly:

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

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)

Date

COUNTY OF SUFFOLK



STEVEN BELLONE
SUFFOLK COUNTY EXECUTIVE

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DARNELL TYSON, P.E.
DEPUTY COMMISSIONER

MEMORANDUM

TO: Gloria Russo, Chairperson
Council on Environmental Quality

FROM: Ben Wright, P.E., Principal Civil Engineer *BW*

SUBJECT: **Sewer District No. 3 – Southwest – Awixa Creek and Pilgrim Psychiatric Center Pumping Stations, CP 8170**

DATE: March 1, 2016

Improvements are proposed for the Sewer District No. 3 – Southwest, Awixa Creek and Pilgrim Psychiatric Center Pumping Stations.

Sewer District No. 3 contains a number of pumping stations, the largest of which is Awixa Creek followed in size by the Pilgrim Psychiatric Center Pumping Station. The service area of Awixa Creek generates approximately 25% of the flow for Sewer District No. 3 and has a drainage area of over 17,000 acres with an estimated 100,000 residents. The Pilgrim station has a design flow of 750,000 gallons per day serving the site and small commercial connections. Exhibit 'A' is the sewer district area and location of the two pumping stations. Due to needed improvements taking place within the stations, a short EAF is attached with a description of the work below.

AWIXA CREEK

There is a need to replace equipment and to implement the recommendations of an evaluation with respect to the Awixa Creek Pumping Station and force main. The Awixa Creek pump station includes an inlet sewer, the main pumping station structure, and a force main. The site itself is approximately 3 acres located on Saxon Avenue and has a 60 foot wide entrance to the facility. The inlet pipe is a 54 inch interceptor located in the entrance roadway. The force main is a 36 inch diameter pre-stressed concrete cylinder pipe. The force main crosses under Awixa Creek and through a right-of way and private property to a manhole on Awixa Avenue. The original system was designed with a firm capacity of 27.6 million gallons per day. A description of the pump station is attached in Exhibit 'B' which includes the inlet structures, the wet wells, the pumping and piping system, force main, and the metering chamber. The drainage area for the current service area as well as an ultimate design is also attached (Exhibit 'A'). The pictures that are in Exhibit 'C' include the electrical panels and emergency electric generator, the valving and pumps, and the building infrastructure.

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PILGRIM PSYCHIATRIC CENTER

The pumping station located on the Pilgrim Psychiatric Center site is defined as Pump Station No. 12 for the Sewer District No. 3 O&M staff. The pumping station was designed for an average daily flow of 750,000 gallons per day with the ability to be expanded to 1.25 million gallons per day. The service area includes the psychiatric center site along with a number of smaller contractee connections including the western campus of Suffolk County Community College, a hotel, and some other commercial areas. The 12 inch force main conveys sewage approximately 25,000 feet to the gravity system of SD #3. The station is in relatively good condition, however, there is a need for redundancy and the project will install a second bar screen along with evaluating the civil, electrical, and HVAC systems associated with the station. Please refer to Exhibits 'D' and 'E' for the project description and pictures.

We would appreciate this being placed on your upcoming CEQ meeting agenda.

BW:ni

Attachment

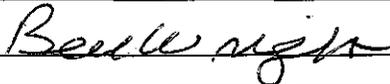
cc: Gil Anderson, P.E., Commissioner
John Donovan, P.E., Chief Engineer
Janice McGovern, P.E., Principal Civil Engineer
John Corral, CEQ

H:\SANITATION\Sewer-districts\sd03 - Southwest\2016\CP 8170\bw3-1-16 sd3 Awixa Creek Pump Station CP 8170 memo to GRusso.doc

Project ID:

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STATE ENVIRONMENTAL QUALITY REVIEW

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

1. APPLICANT /SPONSOR Department of Public Works	2. PROJECT NAME CP 8170 – Improvements to SD #3 – Southwest (Pumping Stations)
3. PROJECT LOCATION Municipality Sewer District No. 3 - Southwest County Suffolk	
4. PRECISE LOCATION (Street address and road intersections, prominent landmarks, etc., or provide map) Awixa Creek Pump Station (Saxon Avenue S/S Montauk Highway), Pump Station #12 (Pilgrim S/S 'G' Road)	
5. IS PROPOSED ACTION: <input type="checkbox"/> New <input type="checkbox"/> Expansion <input checked="" type="checkbox"/> Modification /alteration	
6. DESCRIBE PROJECT BRIEFLY: Rehabilitate SD #3 – Southwest Pumping Stations (Awixa Creek & Pilgrim Psychiatric Center)	
7. AMOUNT OF LAND AFFECTED: Initially N/A acres Ultimately N/A acres	
8. WILL PROPOSED ACTION COMPLY WITH EXISTING ZONING OR OTHER LAND USE RESTRICTIONS? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If No, describe briefly	
9. WHAT IS PRESENT LAND US IN VICINITY OF PROJECT? <input type="checkbox"/> Residential <input type="checkbox"/> Industrial <input type="checkbox"/> Commercial <input type="checkbox"/> Agriculture <input type="checkbox"/> Park/Forest/Open Space <input checked="" type="checkbox"/> Other Describe:	
10. DOES ACTION INVOLVE A PERMIT APPROVAL, OR FUNDING, NOW OR ULTIMATELY FROM ANY OTHER GOVERNMENTAL AGENCY (FEDERAL, STATE OR LOCAL)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, list agency(s) and permit/approvals	
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Applicant/sponsor Name: Ben Wright Date: 3/1/16	
Signature: 	

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- A. DOES ACTION EXCEED ANY TYPE I THRESHOLD IN 6 NYCRR, PART 617.4? If yes, coordinate the review process and use the FULL EAF.
 yes X No Comment **rehabilitation/replacement in-kind**
- 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 X 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: **Short term construction noise on pump station site**
- 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**
- 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 X No If Yes, explain briefly:
- E. IS THERE, OR IS THERE LIKELY TO BE, CONTROVERSY RELATED TO POTENTIAL ADVERSE ENVIRONMENTAL IMPACTS?
 yes X No If Yes, explain briefly:

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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)

Date

EXHIBIT A

EXHIBIT B

I-3 DESCRIPTION OF PUMP STATION

A. Inlet Structures and Bar Screens

The inlet sewer is a 60 inch diameter reinforced concrete pipe at a slope of 0.625%+ with a carrying capacity of 122 mgd.

At the Inlet Chamber, the sewage flow is divided into three channels, each designed for a maximum flow rate of 23 mgd. The inlet channels are 4'-0" wide. A 48" x 60" hydraulically operated sluice gate is installed at the head of each channel. Slide plates are also provided to permit taking any channel out of service.

Two of the three channels are equipped with heavy-duty, mechanically cleaned bar screens with 1-1/2 inch clear openings. Provisions are made for the future installation of a mechanically cleaned bar screen in the third channel; initially, a manually cleaned bar screen is provided for emergency use. Each mechanically cleaned bar screen is provided with a sorting table and a screenings grinder having a capacity of 40 cubic feet of screenings per hour. Soft screenings like rags will be ground and returned to the sewage flow. Hard materials such as lumber will be separated and hauled away to landfill.

B. Wet Wells

There are two separate Wet Wells interconnected by a 24" x 24" sluice gate and arranged so that either wet well may be taken out of service for cleaning. Each Wet Well is connected to a liquid level control tube, properly valved, to control pump operation from either wet well alone or both wells connected and operating as one.

C. Raw Sewage Pumps and Piping

The Station is equipped initially with four (4) vertical single suction pumps, two connected to each Wet Well. Pumps are driven by two speed,

vertical motors. Each unit has a low speed pumping capacity of 4.6 mgd at 30 feet total dynamic head (TDH) and a high speed capacity of 9.2 mgd at 38 feet TDH. The firm initial station capacity is 27.6 mgd. Pump controls provide for a pumping range of 4.6 mgd to 27.6 mgd in steps of 4.6 mgd.

Ultimately, the station will have six (6) units installed, each having a maximum capacity of 9.2 mgd at 38 feet TDH. With five (5) pumps in operation, the station will have a firm capacity of 46 mgd. Pump piping and force main have been designed for the ultimate requirements.

At each pump, 24 inch and 16 inch hydraulically operated eccentric plug valves are on suction and discharge piping respectively. Discharge piping also includes a 20 inch gate valve for servicing the pump discharge control valve. An oil accumulator system with a working pressure of 150 psi is provided to operate pump valves.

Pump discharge lines are connected to a three foot diameter concrete header lined with 3/16" steel plate.

D. Force Main

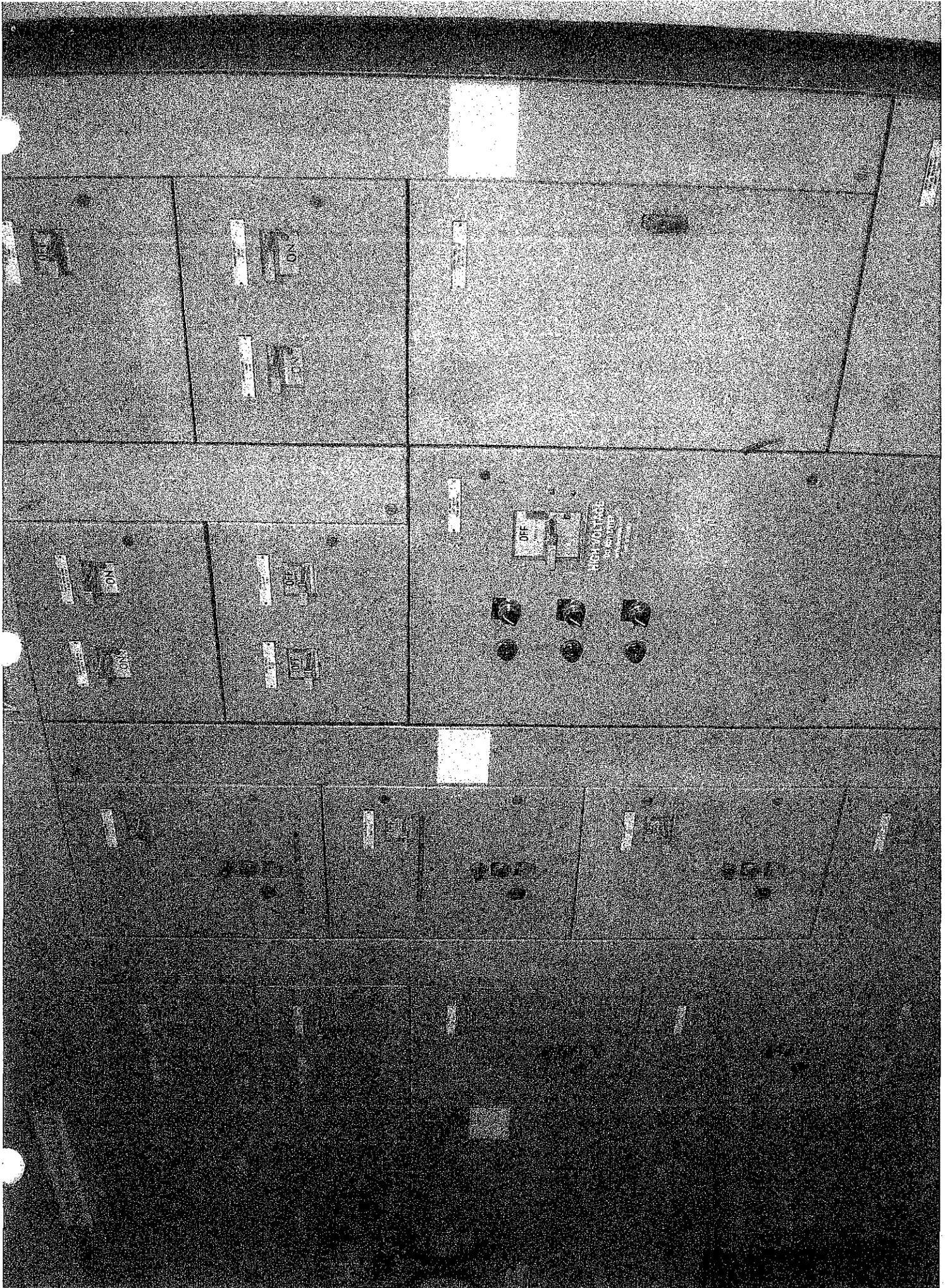
The 36 inch force main is sized to carry the station's ultimate maximum capacity of 46 mgd. The velocity will be 10.1 fps at this rate and 6.1 fps at the station's initial maximum of 27.6 mgd.

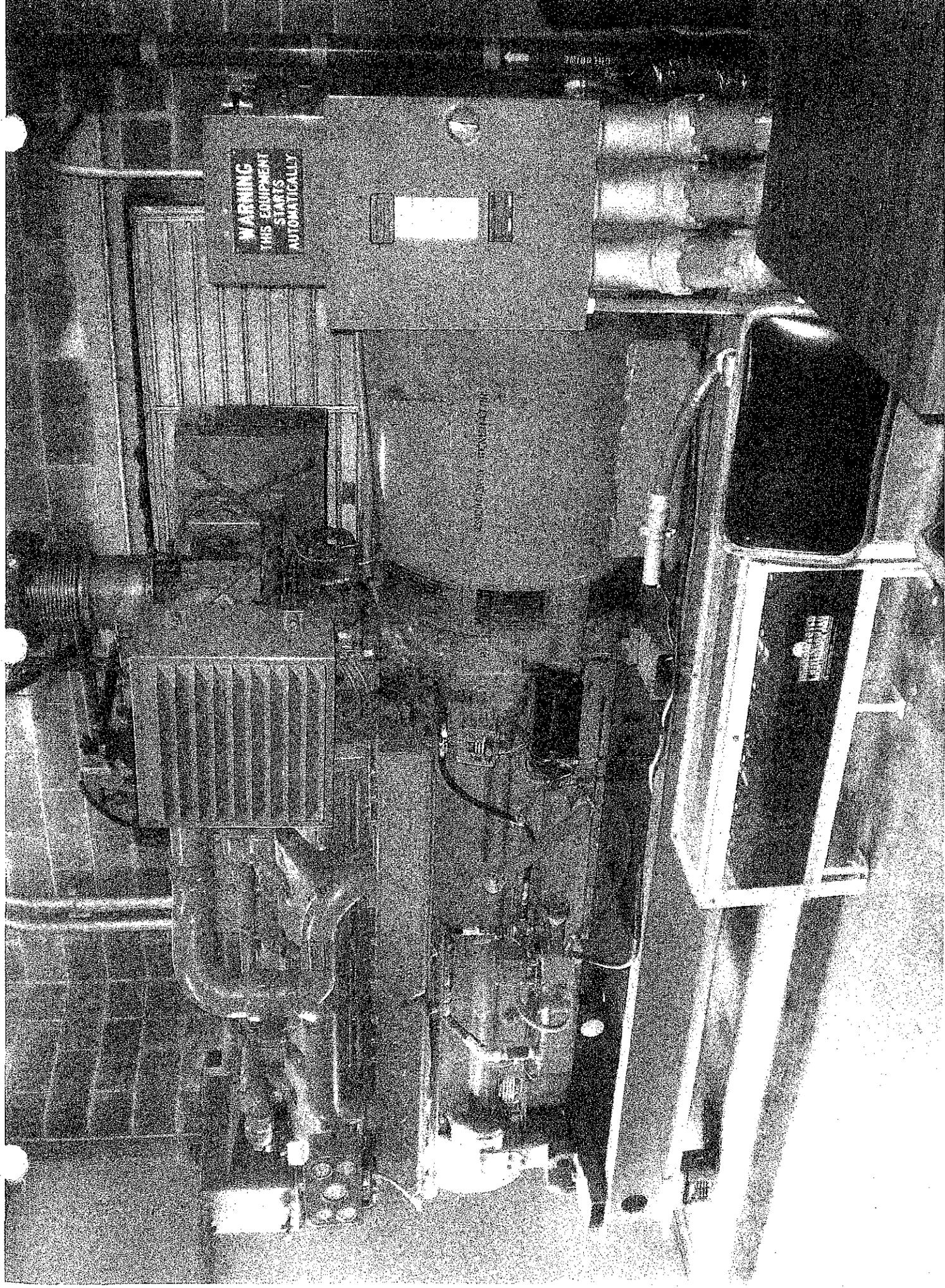
The force main is sloped continually upward from the pumping station across Awixa Creek to a discharge manhole at Awixa Avenue. There is a 20 foot easement at the west side bank of Awixa Creek. Under Awixa Creek, the force main will be encased in concrete, with the top of the encasement ten (10) feet below Mean Low Water.

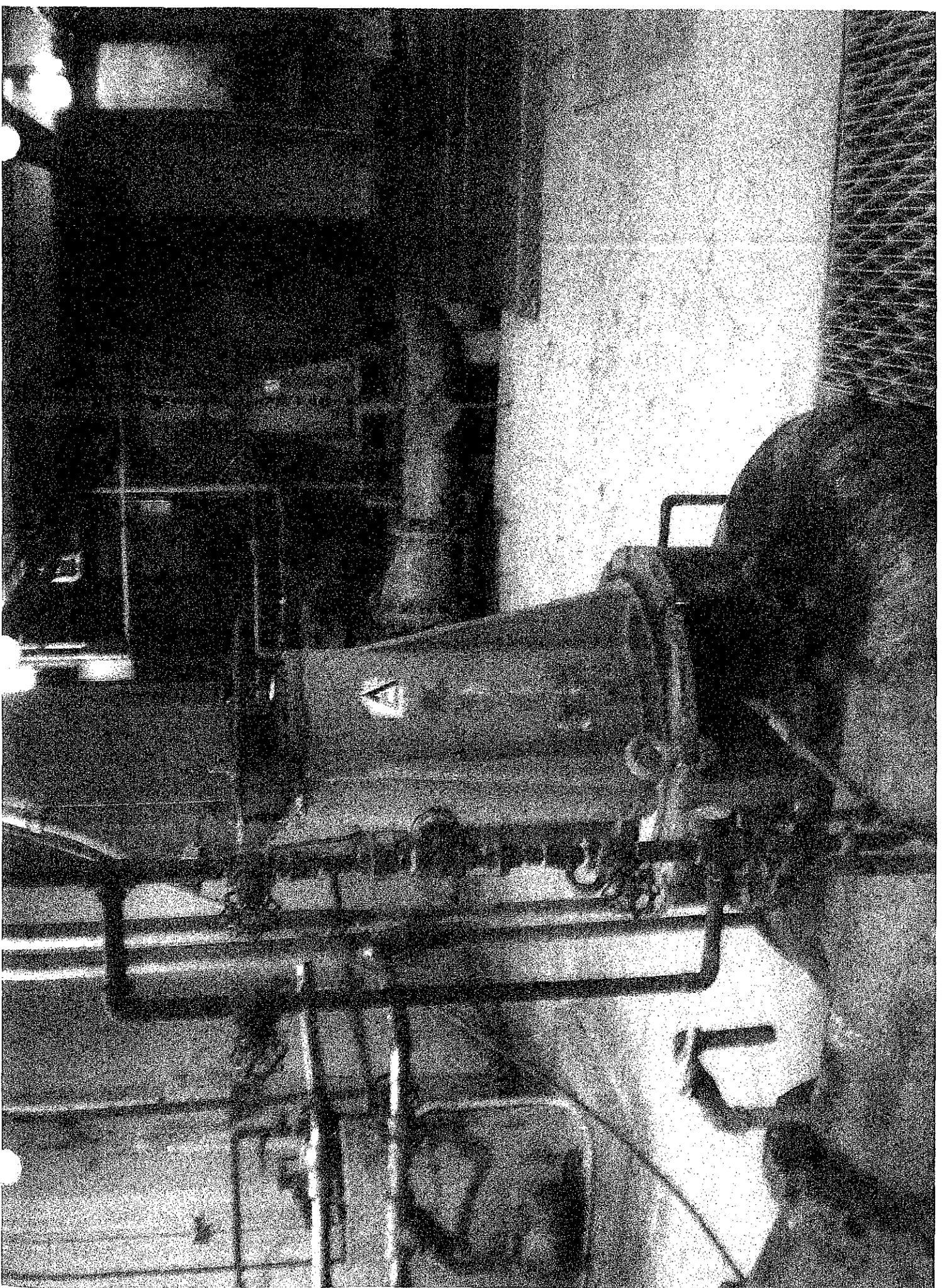
E. Metering Chamber

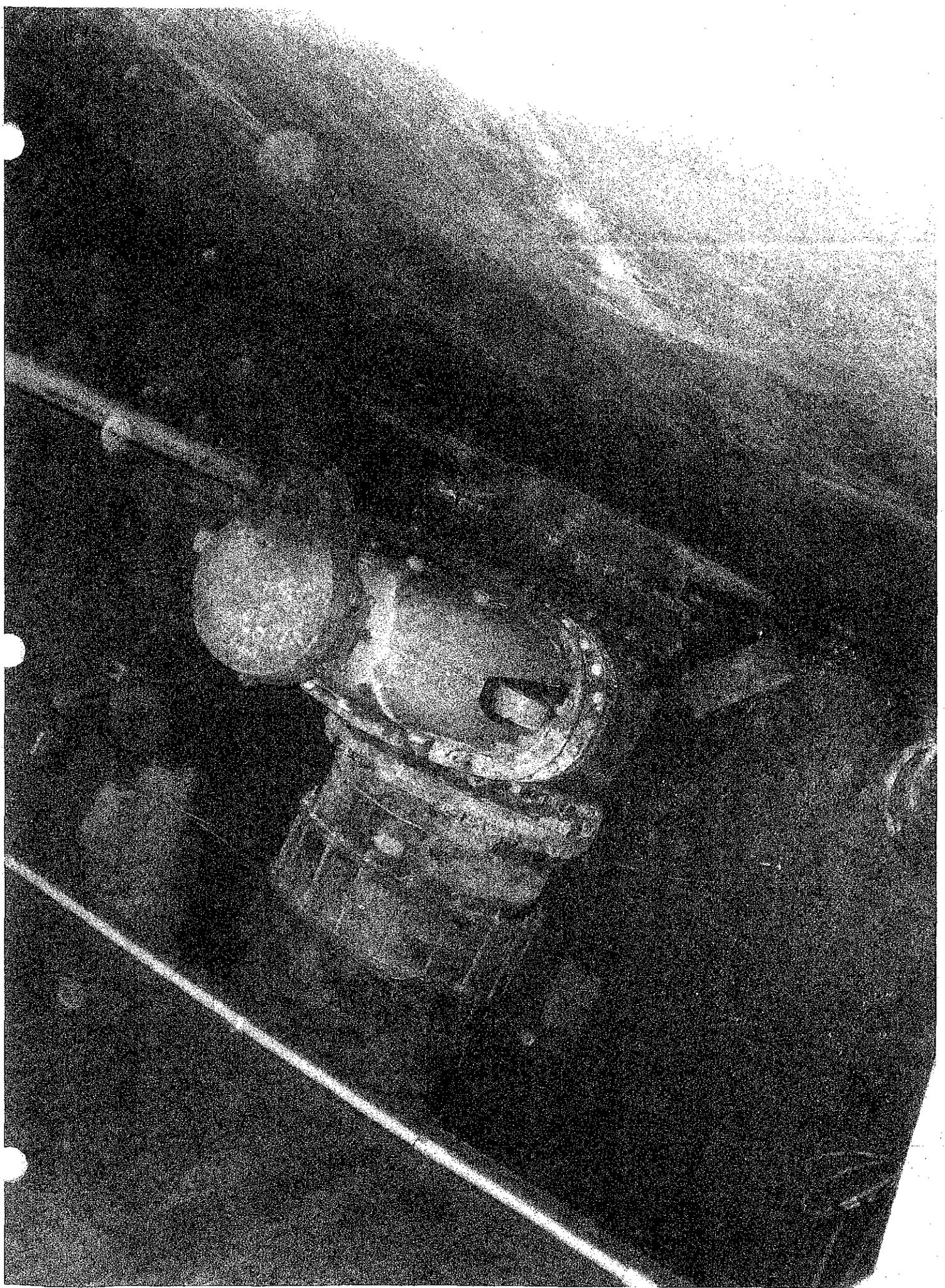
The metering chamber is located in the force main close to the Pumping Station.

EXHIBIT C











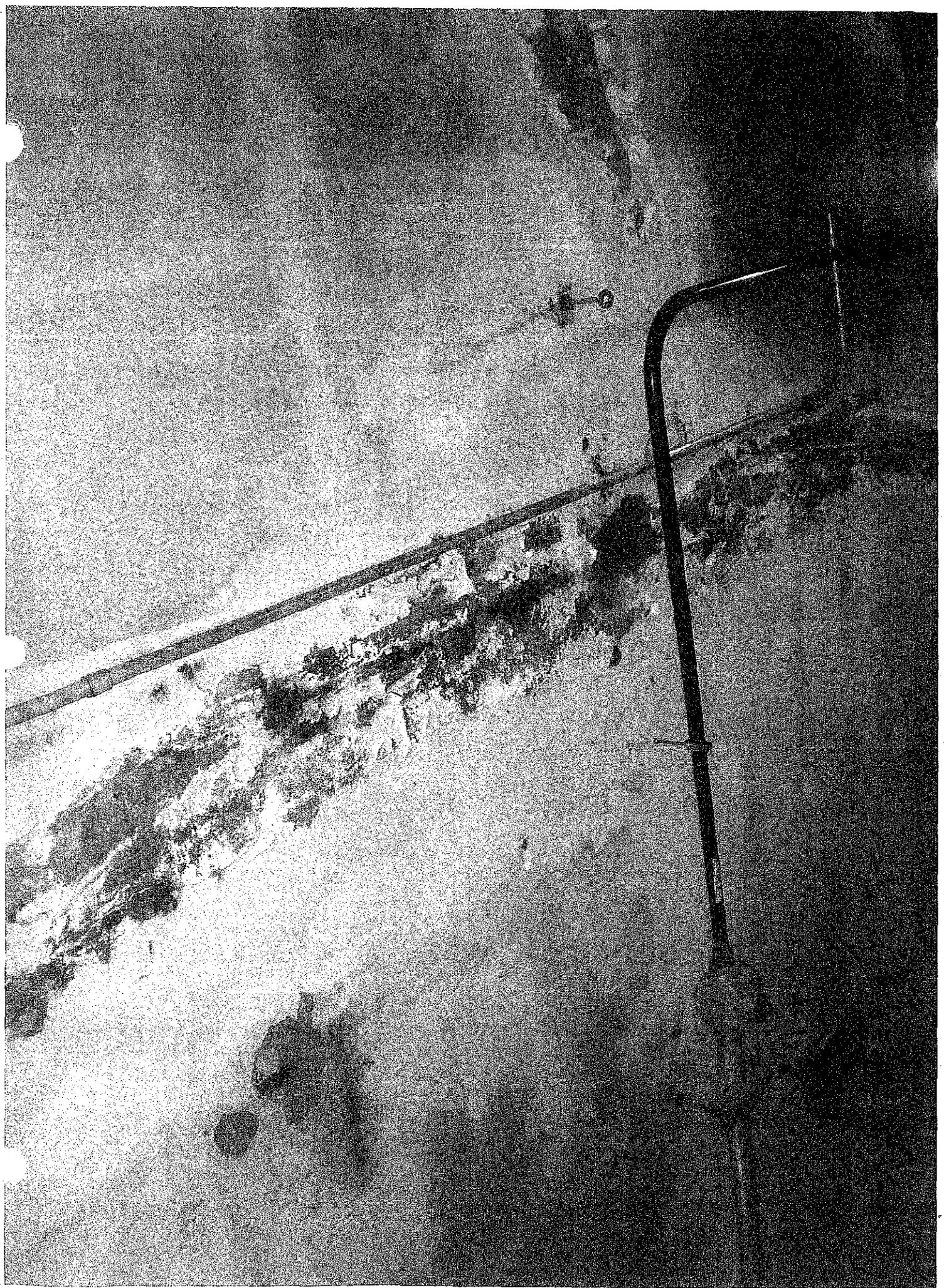


EXHIBIT D

PROJECT DESCRIPTION – EXHIBIT ‘D’

Pilgrim Psychiatric Center

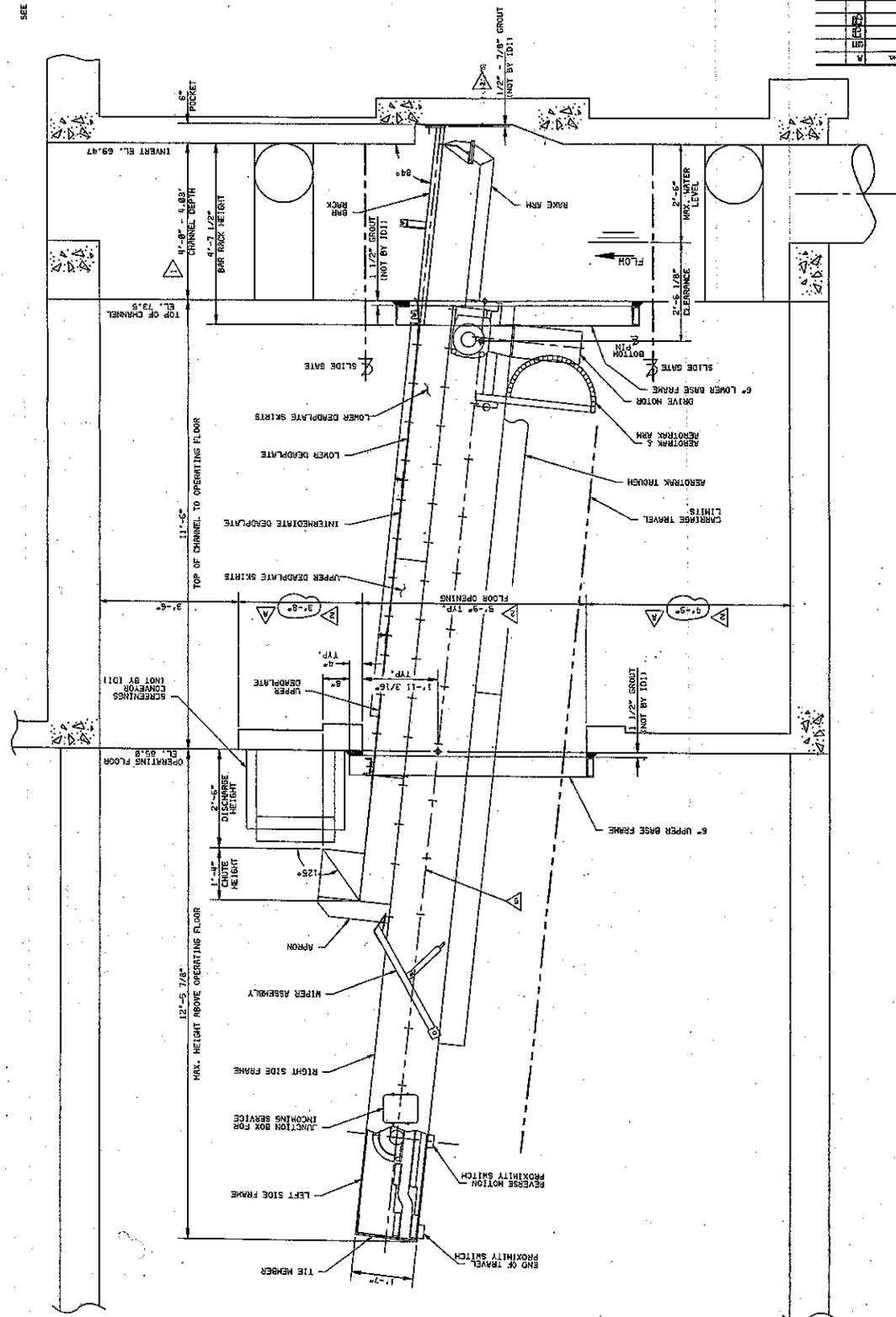
The pumping station located on the Pilgrim Psychiatric Center site is defined as Pump Station No. 12 for the Sewer District No. 3 O&M staff. The pumping station was designed for an average daily flow of 750,000 gallons per day with the ability to be expanded to 1.25 million gallons per day. The service area includes the psychiatric center site along with a number of smaller contractee connections including the western campus of Suffolk County Community College, a hotel, and some other commercial areas. The 12 inch force main conveys sewage approximately 25,000 feet to the gravity system of SD #3. The station is in relatively good condition, however, there is a need for redundancy and the project will install a second bar screen along with evaluating the civil, electrical, and HVAC systems associated with the station.

The bar screen will be installed within the existing structure of the pumping station. It will require concrete demolition in order to place the bar screen as indicated on a draft design drawing that is attached. As the screening materials are removed by the screen, they will be discharged into a screenings conveyor which allows the screening materials to be washed and conveyed to a dumpster for disposal. The washing requires approximately 10 gallons per minute of water for the spray cycle which is only utilized for a few minutes during the daily operation. A small building extension exists on the east side of the pumping station where the dumpster is contained and the conveyor will feed the squashed screens to that area. In addition to the equipment installation, it will also be necessary to provide the electrical connections and modifications through the motor control center within the building's structure. There will be minimal disturbances to the area since the majority of the surrounding Pilgrim site is unoccupied and in an abandoned state at this time.

SEE DRAWING D56279-81-801 FOR FRONT ELEVATION AND NOTES.

NOTE:
CHANNEL DEPTH BASED ON CHANNEL DEPTH BASED ON PLANS AND SPECS. = 9'-9" WITH GROUT TO BE MADE UP WITH GROUT

NOTE:
TOLERANCES SHALL VARY FROM PLAN DIMENSIONS IN ORDER FOR SCREEN TO CLEAR SLIDE GATES AT TOP OF CHANNEL EL. 79.5



Inflico Degremont Inc.
10000 10th Avenue
Brentwood, New York 11703
Tel: 845-486-3533

NOTE:
INFORMATION ON THIS DRAWING IS FOR REFERENCE ONLY. IT IS NOT TO BE USED FOR CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL DIMENSIONS AND CONDITIONS ON THE JOB. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY INSURANCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY UTILITIES INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY SURVEYING INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY GEOTECHNICAL INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY ENVIRONMENTAL INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY HISTORICAL INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY ARCHITECTURAL INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY ENGINEERING INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY CONSTRUCTION INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY MAINTENANCE INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY OPERATING INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY SAFETY INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY TRAINING INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY DOCUMENTATION INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY RECORDING INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY ARCHIVING INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PRESERVATION INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY RESTORATION INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY REPAIR INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY REPLACEMENT INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY REMEDIATION INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY DEMOLITION INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY DISPOSAL INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY RECYCLING INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY REUSE INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY REPAIR INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY REPLACEMENT INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY REMEDIATION INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY DEMOLITION INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY DISPOSAL INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY RECYCLING INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY REUSE INFORMATION.

NO.	REVISION	DATE	BY	CHKD.
1	ISSUE PER ENGINEER COMMENT - 47'-3" WRS 5'-3" 3'-6" WRS 3'-2"			

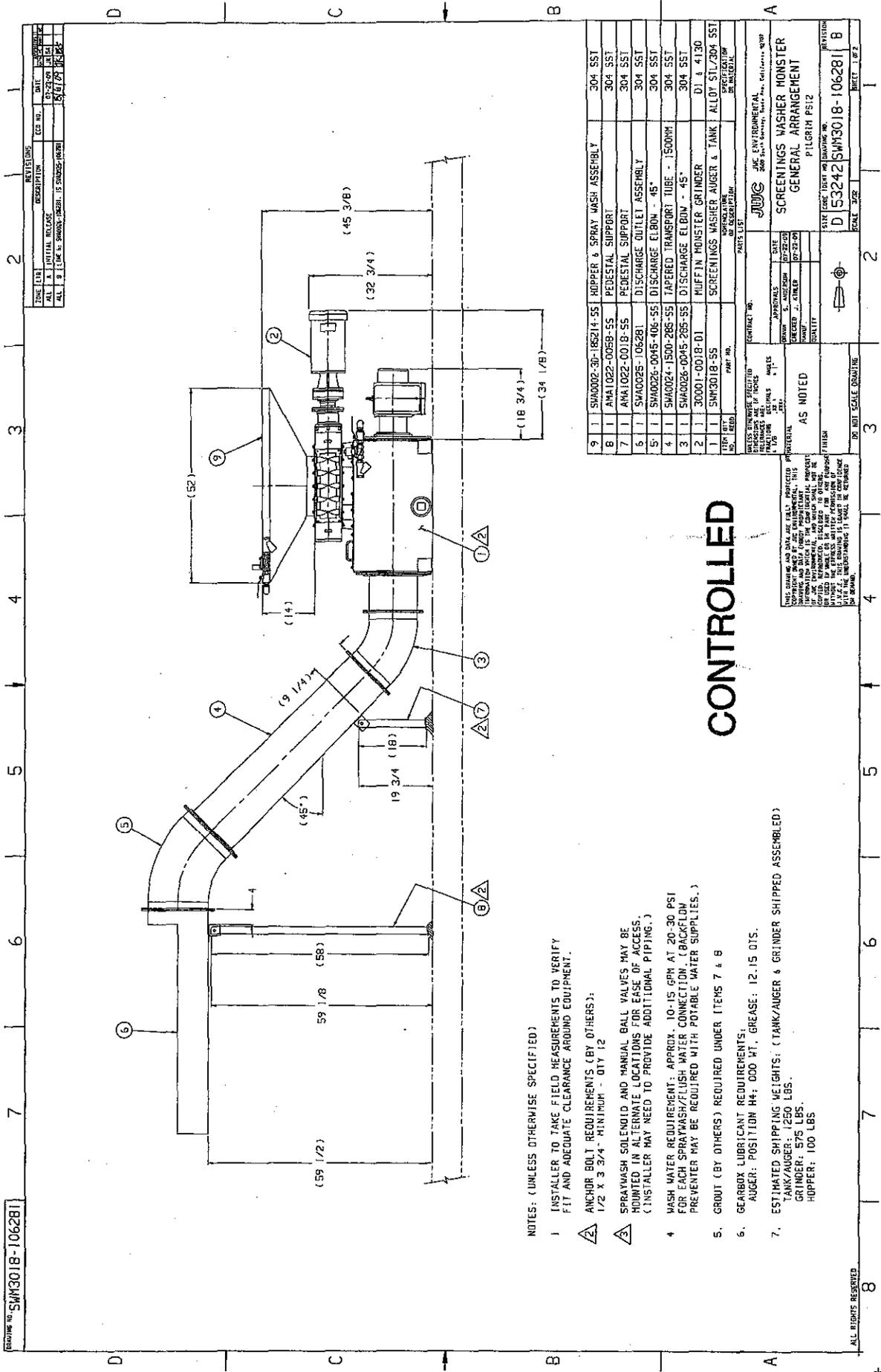
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10000 10th Avenue
Brentwood, New York 11703
Tel: 845-486-3533

RIGHT-SIDE ELEVATION
CLIMBER SCREEN TYPE I

UNCONTROLLED COPY



NOTES: (UNLESS OTHERWISE SPECIFIED)

- 1 INSTALLER TO TAKE FIELD MEASUREMENTS TO VERIFY FIT AND ADEQUATE CLEARANCE AROUND EQUIPMENT.
- 2 ANCHOR BOLT REQUIREMENTS (BY OTHERS): 1/2 X 3 3/4" MINIMUM - QTY 12
- 3 SPRAYWASH SOLENOID AND MANUAL BALL VALVES MAY BE MOUNTED IN ALTERNATE LOCATIONS FOR EASE OF ACCESS. (INSTALLER MAY NEED TO PROVIDE ADDITIONAL PIPING.)
- 4 WASH WATER REQUIREMENT: APPROX. 10-15 GPM AT 20-30 PSI FOR EACH SPRAYWASH/FLUSH WATER CONNECTION. (BACKFLOW PREVENTER MAY BE REQUIRED WITH POTABLE WATER SUPPLIES.)
- 5 GROUT (BY OTHERS) REQUIRED UNDER ITEMS 7 & 8
- 6 GEARBOX LUBRICANT REQUIREMENTS:
AUGER: POSITION H4; 000 MT. GREASE: 12-15 QTS.
- 7. ESTIMATED SHIPPING WEIGHTS: (TANK/AUGER & GRINDER SHIPPED ASSEMBLED)
TANK/AUGER: 1250 LBS.
GRINDER: 575 LBS.
HOPPER: 100 LBS.

CONTROLLED

ITEM NO.	DESCRIPTION	QTY	REV.
9	SW4002-30-106214-55 HOPPER & SPRAY WASH ASSEMBLY	304	SS1
8	AWA1022-0069-55 PEDESTAL SUPPORT	304	SS1
7	AWA1022-0018-55 PEDESTAL SUPPORT	304	SS1
6	SW40025-106281 DISCHARGE OUTLET ASSEMBLY	304	SS1
5	SW40025-0045-405-55 DISCHARGE ELBOW - 45°	304	SS1
4	SW40024-1500-285-55 TAPERED TRANSPORT TUBE - 1500MM	304	SS1
3	SW40026-0045-285-55 DISCHARGE ELBOW - 45°	304	SS1
2	30001-0018-D1 MUFFIN MONSTER GRINDER	D1 & 4130	
1	SW40018-55 SCREENINGS WASHER AUGER & TANK	ALLOY ST1/20M-SS1	

APPROVALS	DATE
DESIGNED BY: [Signature]	07-20-04
CHECKED BY: [Signature]	07-20-04
QUANTITY	

CONTRACT NO.	DATE
JMC ENVIRONMENTAL	07-20-04
2000 34th Avenue, Suite 100, Dallas, TX 75244	

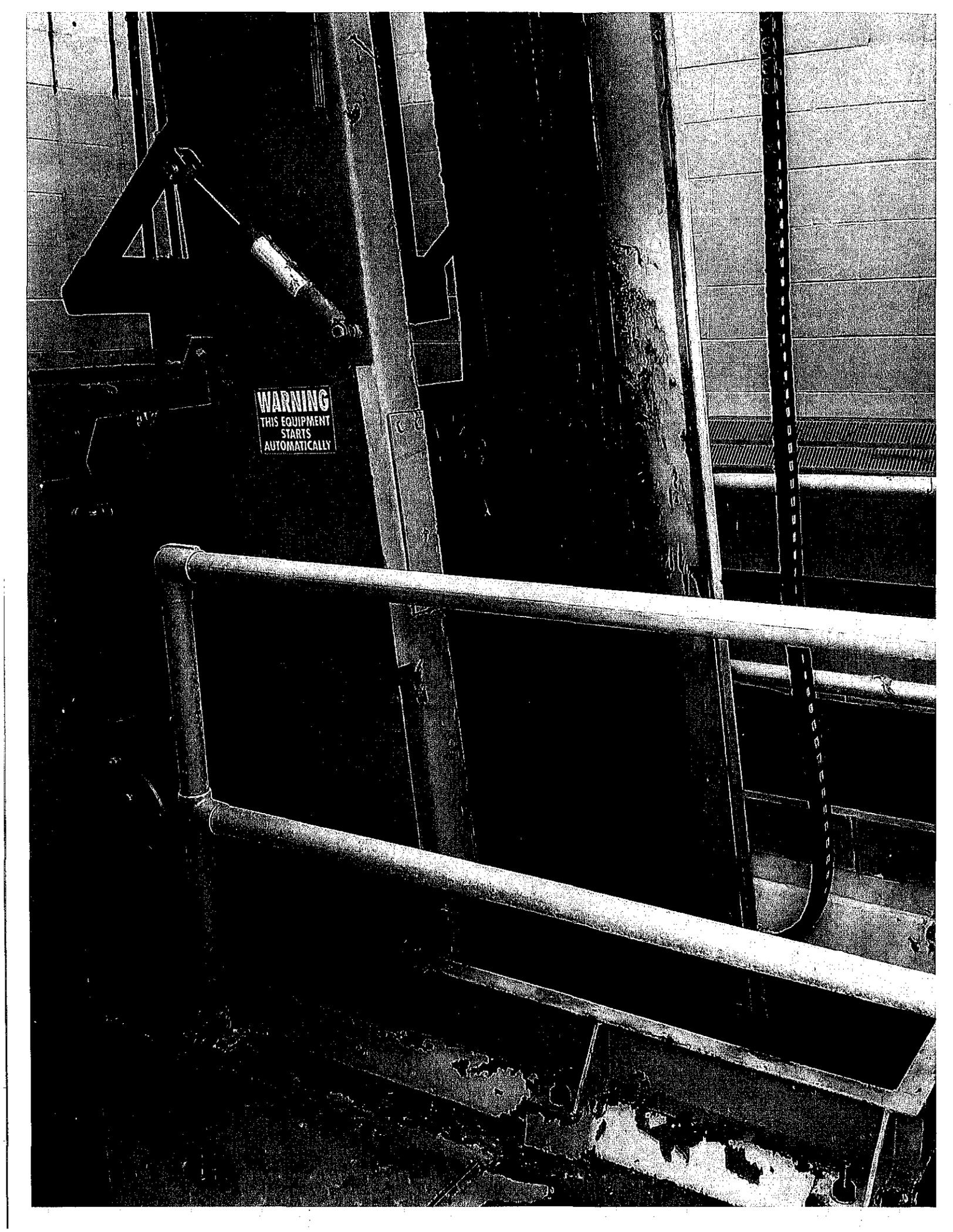
REVISION	DATE	BY
1	07-20-04	JMC
2	07-20-04	JMC
3	07-20-04	JMC
4	07-20-04	JMC
5	07-20-04	JMC
6	07-20-04	JMC
7	07-20-04	JMC
8	07-20-04	JMC

SCALE	DATE
D 53242 SW40018-106281	07-20-04

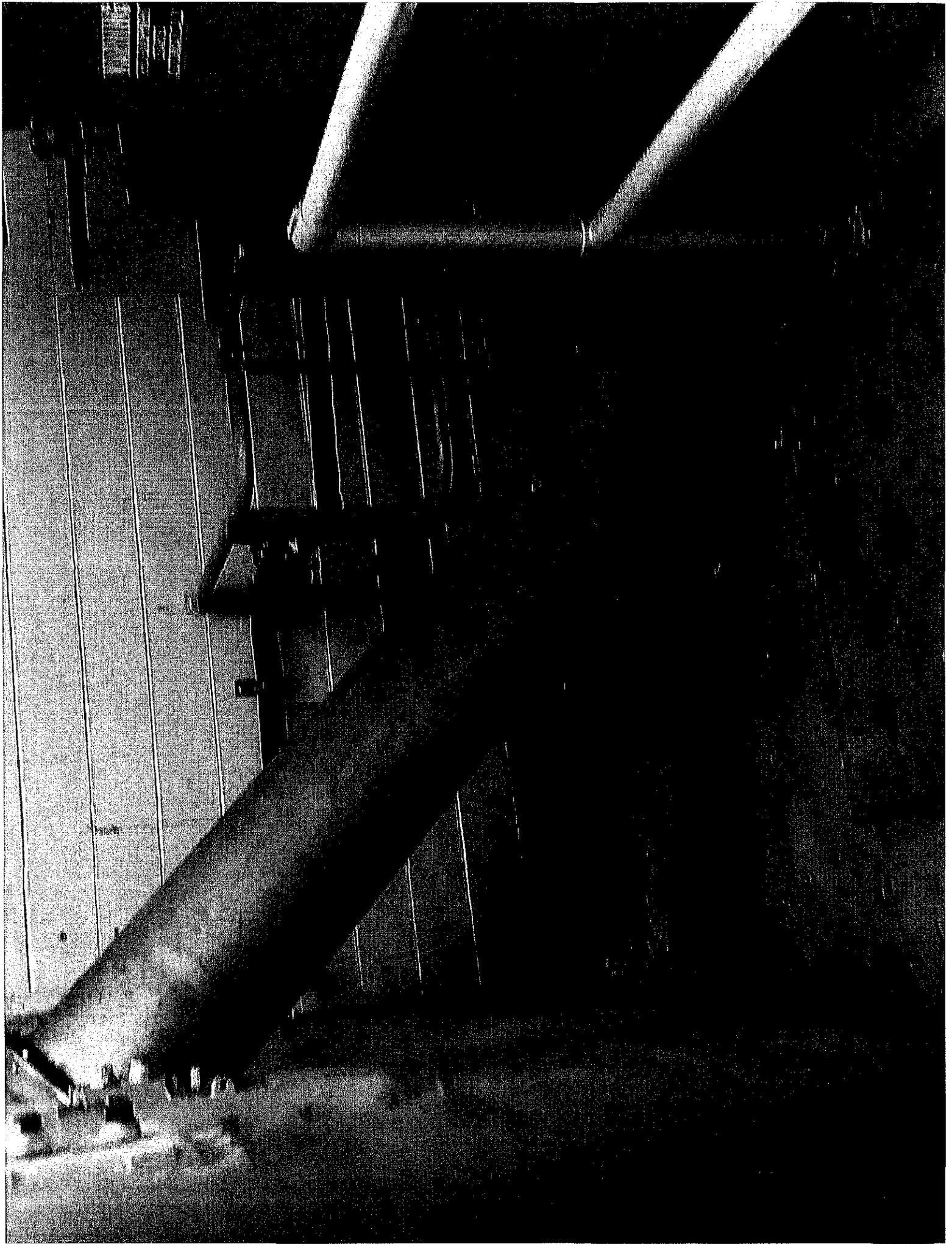
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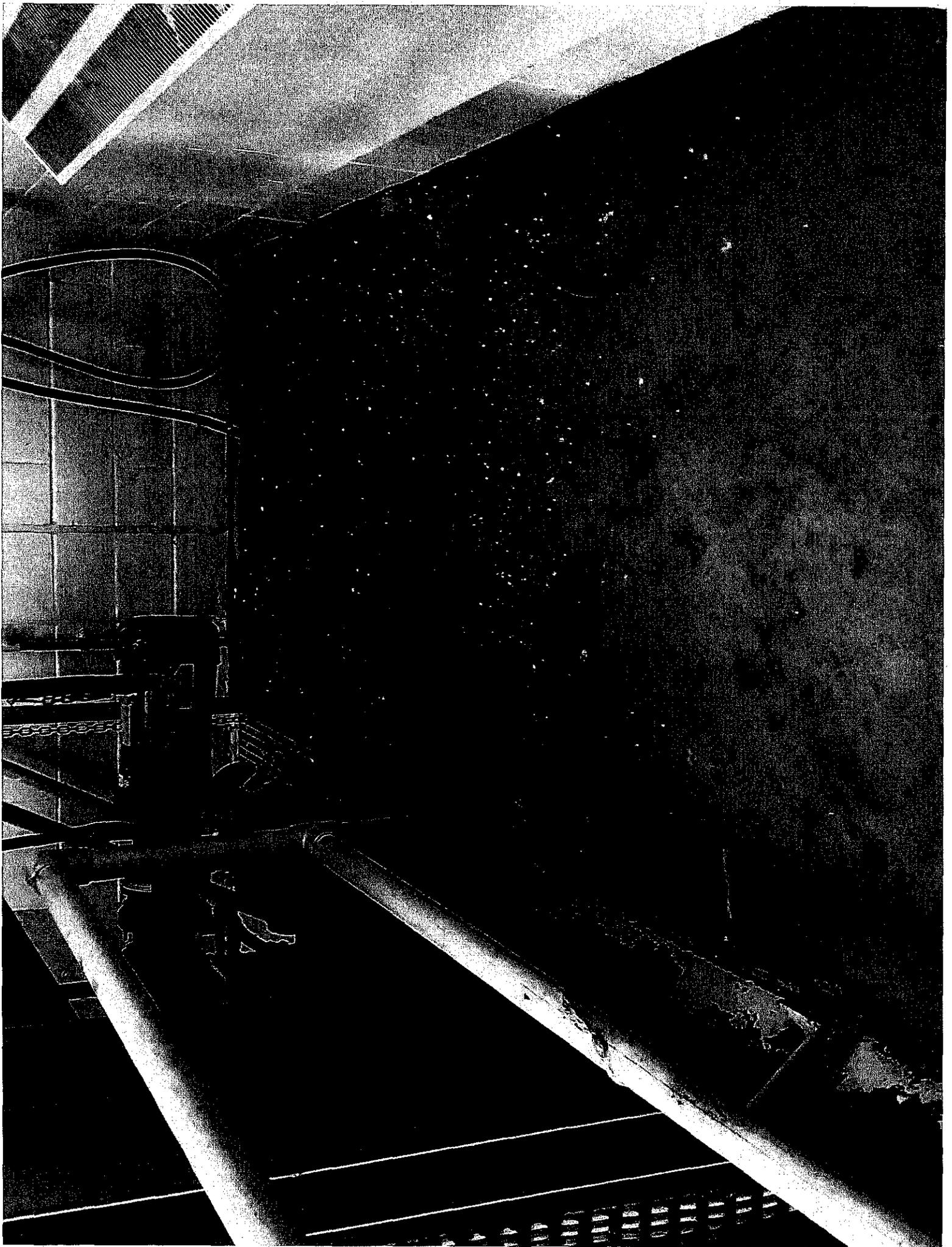
ALL RIGHTS RESERVED.

EXHIBIT E



WARNING
THIS EQUIPMENT
STARTS
AUTOMATICALLY





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

Part 1 – Environment and Setting

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

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

A. Project and Sponsor Information

Name of Action/Project: IR 1207 - A LOCAL LAW PROHIBITING THE DISTRIBUTION OF PLASTIC CARRYOUT BAGS USED IN RETAIL SALES
Project Location (specify Town, Village, Hamlet and attach general location map*): SUFFOLK COUNTY
Street Address: N/A
Name of Property or Waterway: N/A

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

Type of Project: New Expansion

Capital Program: Item # N/A Date Adopted: Amount: \$

Brief Description of Proposed Action (include purpose or need/attach relevant design reports, plans, etc.): This proposed local law would prohibit the free distribution of plastic carry out bags by retailers in Suffolk County. Retailers would be authorized to sell recyclable paper bags or reusable bags at a fee of \$0.10 per recyclable bag and a minimum fee of \$0.10 per reuseable bag. Bag fees will not apply to individuals purchasing groceries under WIC, TANF or SNAP programs.

Project Status:

	Start	Completion
Proposal	3/1/ 2016	TBD
Study		
Preliminary Planning		
Final Plans: Specs		
Site Acquisition		
Construction		
Other		

Departments Involved:

Dept. Performing Design &
Construction

Initiating Dept. (if different)

Name:	S.C. Department of Health Services	S.C. Legislature
Street/PO:		725 Veterans Memorial Highway
City, State:		Hauppauge
Zip:		11788
Contact Person:		Leg. William Spencer
Business Phone:		
Email:		

B. Government Approvals, Funding or Sponsorship

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

Government Entity			If "Yes": Identify Agency and Approval(s) Required	Application Date (Actual or Projected)
<i>i.</i> City Council, Town Board or Village Board of Trustees	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		
<i>ii.</i> City, Town or Village Planning Board or Commission	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		
<i>iii.</i> City, Town or Village Zoning Board of Appeals	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		
<i>iv.</i> Other local agencies	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		
<i>v.</i> County agencies	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	S.C. Legislature, S.C. Executive	

vi.	Regional agencies	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		
vii.	State agencies	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		
viii.	Federal agencies	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		
ix.	Coastal Resources Is the project site within a Coastal Area or the waterfront area of a Designated Inland Waterway? <i>The project is to prohibit retail stores in Suffolk County from providing plastic carryout bags to their customers and replace said plastic bags with reusable bags or recyclable paper bags. The project site is all of Suffolk County.</i>				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	If YES, Is the project site located in a community with an approved Local Waterfront Revitalization Program?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			
	Is the project site within a Coastal Erosion Hazard Area?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			

C. Planning and Zoning

C.1. Planning and Zoning Actions	
Will administrative or legislative adoption or amendment of a plan, local law, ordinance, rule or regulation be the only approval(s) which must be granted to enable the proposed action to proceed?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
C.2. Adopted Land Use Plans	
a. Do any municipally-adopted (city, town, village or county) comprehensive land use plan(s) include the site where the proposed action would be located? <i>The project is to prohibit retail stores in Suffolk County from providing plastic carryout bags to their customers and replace said plastic bags with reusable bags or recyclable paper bags. The project site is all of Suffolk County.</i>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
If Yes: Does the comprehensive plan include specific recommendations for the site where the proposed action would be located? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
b. Is the site of the proposed action within any local or regional special planning district (i.e. Greenway Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; et. al)?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
If Yes, identify the plan(s): <i>The project is to prohibit retail stores in Suffolk County from providing plastic carryout bags to their customers and replace said plastic bags with reusable bags or recyclable paper bags. The project site is all of Suffolk County.</i>	
c. Is the proposed action located wholly or partially within an area listed in an adopted municipal open space plan, or an adopted municipal farmland protection plan?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
If Yes, identify the plan(s): <i>The project is to prohibit retail stores in Suffolk County from providing plastic carryout bags to their customers and replace said plastic bags with reusable bags or recyclable paper bags. The project site is all of Suffolk County.</i>	

C.3. Zoning	
a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance? If Yes, what is the zoning classification(s) including any applicable overlay district? <i>The project is to prohibit retail stores in Suffolk County from providing plastic carryout bags to their customers and replace said plastic bags with Reusable Bags or Recyclable Paper Bags. The project site is all of Suffolk County.</i>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
b. Is the use permitted or allowed by a special or conditional use permit?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
c. Is a zoning change requested as part of the proposed action? If Yes, what is the proposed new zoning for the site? <input type="text"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
C.4. Existing Community Services	
a. In what school district is the project site located? *	
b. What police or other public protection forces serve the project site? *	
c. Which fire protection and emergency medical services serve the project site? *	
d. What parks serve the project site? *	
<i>* The project is to prohibit retail stores in Suffolk County from providing plastic carryout bags to their customers and replace said plastic bags with reusable bags or recyclable paper bags. The project site is all of Suffolk County.</i>	

D. Project Details

D.1. Proposed and Potential Development	
a. What is the general nature of the proposed action? (if mixed, include all components) Residential <input type="checkbox"/> ; Industrial <input type="checkbox"/> ; Commercial <input checked="" type="checkbox"/> ; Recreational <input type="checkbox"/> ; Other <input type="checkbox"/> :	
b. Total acreage of the site of the proposed action:	<i>All of Suffolk County</i> acres
c. Total acreage to be physically disturbed:	N/A acres
d. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor:	N/A acres
e. Is the proposed action an expansion of an existing project or use? If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet, etc.)? <input type="text"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
f. Is the proposed action a subdivision, or does it include a subdivision?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>

If Yes:

i. Purpose or type of subdivision? (if mixed, specify types)
Residential ; Industrial ; Commercial ; Recreational ; Other

ii.

Is a cluster/conservation layout proposed?	Yes <input type="checkbox"/> No <input type="checkbox"/>
Number of lots proposed:	
Minimum and maximum proposed lot sizes:	

g. Will proposed action be constructed in multiple phases?

If No, What is the anticipated period of construction?

If Yes:

Total number of phases anticipated:
Anticipated commencement date of phase I (including demolition):
Anticipated completion date of final phase:
Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases:

Yes No

h. Does the project include new residential uses?

If Yes, show number of units proposed.

	Single Family	Two Family	Three Family	Multi-Family (4+)
Initial Phase				
At Completion				

Yes No

i. Does the proposed action include new non-residential construction (including expansions)?

If Yes:

Total Number of Structures:
Dimensions of largest proposed structure:
Approximate extent of building space to be heated or cooled:

Yes No

<p>j. Does the proposed action include construction or other activities that will result in the impoundment of any liquids, such as creation of a water supply, reservoir, pond, lake, waste lagoon or other storage?</p> <p>If Yes:</p> <table border="1"> <tr> <td data-bbox="144 264 1325 331">Purpose of the impoundment:</td> <td data-bbox="1325 96 1541 709" rowspan="6" style="vertical-align: middle;">Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></td> </tr> <tr> <td data-bbox="144 331 1325 399">If a water impoundment, the principal source of the water: Ground Water <input type="checkbox"/>; Surface Water Streams <input type="checkbox"/>; Other <input type="checkbox"/> (specify):</td> </tr> <tr> <td data-bbox="144 399 1325 466">If other than water, identify the type of impounded/contained liquids and their source:</td> </tr> <tr> <td data-bbox="144 466 1325 533">Approximate size of the proposed impoundment (include units): Volume: _____ Surface area: _____</td> </tr> <tr> <td data-bbox="144 533 1325 600">Dimensions of the proposed dam or impounding structure:</td> </tr> <tr> <td data-bbox="144 600 1325 709">Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete):</td> </tr> </table>	Purpose of the impoundment:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	If a water impoundment, the principal source of the water: Ground Water <input type="checkbox"/> ; Surface Water Streams <input type="checkbox"/> ; Other <input type="checkbox"/> (specify):	If other than water, identify the type of impounded/contained liquids and their source:	Approximate size of the proposed impoundment (include units): Volume: _____ Surface area: _____	Dimensions of the proposed dam or impounding structure:	Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete):
Purpose of the impoundment:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>						
If a water impoundment, the principal source of the water: Ground Water <input type="checkbox"/> ; Surface Water Streams <input type="checkbox"/> ; Other <input type="checkbox"/> (specify):							
If other than water, identify the type of impounded/contained liquids and their source:							
Approximate size of the proposed impoundment (include units): Volume: _____ Surface area: _____							
Dimensions of the proposed dam or impounding structure:							
Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete):							

D.2. Project Operations

<p>a. Does the proposed action include any excavation, mining or dredging, during construction, operations or both? (Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite)</p> <p>If Yes:</p> <table border="1"> <tr> <td data-bbox="144 942 1310 1010">What is the purpose of the excavation or dredging?</td> <td data-bbox="1325 779 1541 1245" rowspan="4" style="vertical-align: middle;">Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></td> </tr> <tr> <td data-bbox="144 1010 1310 1077">How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?</td> </tr> <tr> <td data-bbox="144 1077 1310 1110">Volume: _____ Over what duration of time: _____</td> </tr> <tr> <td data-bbox="144 1110 1310 1215">Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them:</td> </tr> </table>	What is the purpose of the excavation or dredging?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?	Volume: _____ Over what duration of time: _____	Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them:
What is the purpose of the excavation or dredging?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				
How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?					
Volume: _____ Over what duration of time: _____					
Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them:					

D.2.a (cont.) – only answer following if checked “Yes” above

<table border="1"> <tr> <td data-bbox="144 1421 1310 1526">Will there be onsite dewatering or processing of excavated materials? If Yes, describe:</td> </tr> <tr> <td data-bbox="144 1526 1310 1593">What is the total area to be dredged or excavated?</td> </tr> <tr> <td data-bbox="144 1593 1310 1661">What is the maximum area to be worked at any one time?</td> </tr> <tr> <td data-bbox="144 1661 1310 1728">What would be the maximum depth of excavation or dredging?</td> </tr> <tr> <td data-bbox="144 1728 1310 1795">Will the excavation require blasting?</td> </tr> <tr> <td data-bbox="144 1795 1310 1866">Summarize site reclamation goals and plans:</td> </tr> </table>	Will there be onsite dewatering or processing of excavated materials? If Yes, describe:	What is the total area to be dredged or excavated?	What is the maximum area to be worked at any one time?	What would be the maximum depth of excavation or dredging?	Will the excavation require blasting?	Summarize site reclamation goals and plans:	
Will there be onsite dewatering or processing of excavated materials? If Yes, describe:							
What is the total area to be dredged or excavated?							
What is the maximum area to be worked at any one time?							
What would be the maximum depth of excavation or dredging?							
Will the excavation require blasting?							
Summarize site reclamation goals and plans:							

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

If Yes:

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

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

Will proposed action cause or result in disturbance to bottom sediments?

If Yes, describe:

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

If Yes:

Area of vegetation proposed to be removed:

Expected acreage of aquatic vegetation remaining after project completion:

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

Proposed method of plant removal:

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

Describe any proposed reclamation/mitigation following disturbance:

Yes No

c. Will the proposed action use or create a new demand for water?

If Yes:

Total anticipated water usage/demand per day:

Will the proposed action obtain water from an existing public water supply?

If Yes:

Name of district/service area:

Does the existing public water supply have capacity to serve the proposal?

Yes No

Is the project site in the existing district?

Yes No

Is expansion of the district needed?

Yes No

Do existing lines serve the project site?

Yes No

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

If Yes:

Describe extensions or capacity expansions proposed to serve this project:

Source(s) of supply for the district:

Yes No

Is a new water supply district or service area proposed to be formed to serve the project site?

If Yes:

Applicant/sponsor for new district:

Date application submitted or anticipated:

Proposed source(s) of supply for new district:

If a public water supply will not be used, describe plans to provide water supply for the project:

If water supply will be from wells (public or private), what will be the maximum pumping capacity?

** While it is not anticipated that the project action will result in a significant change in water use it should be noted that the locations and industrial processes for substitute reusable bags and recyclable bags are not know at this time.*

d. Will the proposed action generate liquid wastes?

If Yes:

Total anticipated liquid waste generation per day:

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

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

Disinfection technology:

Nitrogen:

Phosphorus:

Total Suspended Solids (TSS):

Biological Oxygen Demand (BOD):

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

If Yes:

Name of wastewater treatment plant to be used:

Name of district:

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

Yes No

Is the project site in the existing district?

Yes No

Is expansion of the district needed?

Yes No

Do existing sewer lines serve the project site?

Yes No

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

If Yes:

Describe extensions or capacity expansions proposed to serve this project:

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

If Yes:

Applicant/Sponsor for new district:

Date application submitted or anticipated:

What is the receiving water for the wastewater discharge?

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

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

** While it is not anticipated that the project action will result in a significant change in liquid waste generation it should be noted that the locations and industrial processes for substitute reusable bags and recyclable bags are not known at this time.*

Yes No

<p>e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point source (i.e. sheet flow) during construction or post construction?</p> <p>If Yes:</p> <p>How much impervious surface will the project create in relation to total size of project parcel? Area of Impervious Surface: Area of Parcel:</p> <p>Describe types of new point sources:</p> <p>Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent properties, groundwater, on-site surface water or off-site surface waters)?</p> <p>If to surface waters, identify receiving water bodies or wetlands:</p> <p>Will stormwater runoff flow to adjacent properties? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>Does proposed plan minimize impervious surfaces use pervious materials or collect and re-use stormwater? Yes <input type="checkbox"/> No <input type="checkbox"/></p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations? *</p> <p>If Yes, identify:</p> <p>Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles):</p> <p>Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers):</p> <p>Stationary sources during operations (e.g., process emissions, large boilers, electric generation):</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>g. Will any air emission sources named in D.2.f (above) require a NY State Air Registration, Air Facility Permit or Federal Clean Air Act Title IV or Title V Permit?</p> <p>If Yes:</p> <p>Is the project site located in an Air Quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year) Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>In addition to emissions as calculated in the application, the project will generate:</p> <ul style="list-style-type: none"> - Tons/year (metric) of Carbon Dioxide (CO₂) - Tons/year (metric) of Nitrous Oxide (N₂O) - Tons/year (metric) of Perfluorocarbons (PFCs) - Tons/year (metric) of Sulfur Hexafluoride (SF₆) - Tons/year (metric) of Carbon Dioxide equivalent of Hydroflorocarbons (HFCS) - Tons/year (metric) of Hazardous Air Pollutants (HAPs) <p><i>* While it is not anticipated that the project action will result in a significant change in air emissions it should be noted that the locations and industrial processes for substitute reusable bags and recyclable bags are not known at this time.</i></p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>

<p>h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)?</p> <p>If Yes:</p> <table border="1" style="width: 100%;"> <tr> <td>Estimate methane generation in tons/year (metric):</td> </tr> <tr> <td>Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring):</td> </tr> </table>	Estimate methane generation in tons/year (metric):	Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring):	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>							
Estimate methane generation in tons/year (metric):										
Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring):										
<p>i. Will the proposed action result in the release of air pollutants from open-air operations or processes such as quarry or landfill operations?</p> <p>If Yes, describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust):</p> <table border="1" style="width: 100%; height: 20px;"> <tr> <td></td> </tr> </table>		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>								
<p>j. Will the proposed action result in a substantial increase in traffic above present levels or generate substantial new demand for transportation facilities or services?</p> <p>If Yes:</p> <table border="1" style="width: 100%;"> <tr> <td>When is the peak traffic expected? (check all that apply)</td> </tr> <tr> <td>Morning <input type="checkbox"/>; Evening <input type="checkbox"/>; Weekend <input type="checkbox"/>; Randomly <input type="checkbox"/> between the hours of _____ to _____</td> </tr> <tr> <td>For commercial activities only, projected number of semi-trailer truck trips/day:</td> </tr> <tr> <td>Parking spaces: Existing: _____ Proposed: _____ Net Increase/Decrease: _____</td> </tr> <tr> <td>Does the proposed action include any shared use parking? Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> <tr> <td>If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe:</td> </tr> <tr> <td>Are public/private transportation service(s) or facilities available within ½ mile of the proposed site? Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> <tr> <td>Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> <tr> <td>Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> </table>	When is the peak traffic expected? (check all that apply)	Morning <input type="checkbox"/> ; Evening <input type="checkbox"/> ; Weekend <input type="checkbox"/> ; Randomly <input type="checkbox"/> between the hours of _____ to _____	For commercial activities only, projected number of semi-trailer truck trips/day:	Parking spaces: Existing: _____ Proposed: _____ Net Increase/Decrease: _____	Does the proposed action include any shared use parking? Yes <input type="checkbox"/> No <input type="checkbox"/>	If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe:	Are public/private transportation service(s) or facilities available within ½ mile of the proposed site? Yes <input type="checkbox"/> No <input type="checkbox"/>	Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? Yes <input type="checkbox"/> No <input type="checkbox"/>	Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
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<p>k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy?</p> <p>If Yes:</p> <table border="1" style="width: 100%;"> <tr> <td>Estimate annual electricity demand during operation of the proposed action:</td> </tr> <tr> <td>Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility or other):</td> </tr> <tr> <td>Will the proposed action require a new, or an upgrade to, an existing substation? Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> </table> <p><i>* While it is not anticipated that the project action will result in a significant change in energy demand use it should be noted that the locations and industrial processes for substitute reusable bags and recyclable bags are not know at this time.</i></p>	Estimate annual electricity demand during operation of the proposed action:	Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility or other):	Will the proposed action require a new, or an upgrade to, an existing substation? Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>							
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<p>l. Hours of operation (Answer all items which apply)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">During Construction</th> <th style="width: 50%;">During Operations</th> </tr> </thead> <tbody> <tr> <td>Monday-Friday:</td> <td>Monday-Friday:</td> </tr> <tr> <td>Saturday:</td> <td>Saturday:</td> </tr> <tr> <td>Sunday:</td> <td>Sunday:</td> </tr> <tr> <td>Holidays:</td> <td>Holidays:</td> </tr> </tbody> </table>	During Construction	During Operations	Monday-Friday:	Monday-Friday:	Saturday:	Saturday:	Sunday:	Sunday:	Holidays:	Holidays:	N/A <input checked="" type="checkbox"/>
During Construction	During Operations										
Monday-Friday:	Monday-Friday:										
Saturday:	Saturday:										
Sunday:	Sunday:										
Holidays:	Holidays:										
<p>m. Does the proposed action produce noise that will exceed existing ambient noise levels during construction, operation or both?</p> <p>If Yes:</p> <table border="1" style="width: 100%;"> <tr> <td>Provide details including sources, time of day and duration:</td> </tr> <tr> <td>Will proposed action remove existing natural barriers that could act as a noise barrier or screen? Yes <input type="checkbox"/> No <input type="checkbox"/> Describe:</td> </tr> </table>	Provide details including sources, time of day and duration:	Will proposed action remove existing natural barriers that could act as a noise barrier or screen? Yes <input type="checkbox"/> No <input type="checkbox"/> Describe:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>								
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<p>n. Will the proposed action have outdoor lighting?</p> <p>If Yes:</p> <table border="1" style="width: 100%;"> <tr> <td>Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:</td> </tr> <tr> <td>Will proposed action remove existing natural barriers that could act as a light barrier or screen? Yes <input type="checkbox"/> No <input type="checkbox"/> Describe:</td> </tr> </table>	Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:	Will proposed action remove existing natural barriers that could act as a light barrier or screen? Yes <input type="checkbox"/> No <input type="checkbox"/> Describe:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>								
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<p>o. Does the proposed action have the potential to produce odors for more than one hour per day?</p> <p>If Yes:</p> <table border="1" style="width: 100%;"> <tr> <td>Describe possible sources, potential frequency and duration of odor emissions and proximity to nearest occupied structures:</td> </tr> </table> <p><i>* While it is not anticipated that the project action will result in a significant change in the production of odors it should be noted that the locations and industrial processes for substitute reusable bags and recyclable bags are not know at this time.</i></p>	Describe possible sources, potential frequency and duration of odor emissions and proximity to nearest occupied structures:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>									
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<p>p. Will the proposed action include any bulk storage of petroleum (over 1,100 gallons) or chemical products (over 550 gallons)?</p> <p>If Yes:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Product(s) to be stored:</td> </tr> <tr> <td style="padding: 2px;">Volume(s): per unit time: (e.g., month, year)</td> </tr> <tr> <td style="padding: 2px;">Generally describe proposed storage facilities:</td> </tr> </table>	Product(s) to be stored:	Volume(s): per unit time: (e.g., month, year)	Generally describe proposed storage facilities:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>						
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Volume(s): per unit time: (e.g., month, year)										
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<p>q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation?</p> <p>If Yes:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Describe proposed treatment(s):</td> </tr> <tr> <td style="padding: 2px;">Will the proposed action use Integrated Pest Management Practices? Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> </table>	Describe proposed treatment(s):	Will the proposed action use Integrated Pest Management Practices? Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>							
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<p>r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)?</p> <p>If Yes:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Describe any solid waste(s) to be generated during construction or operation of the facility:</td> </tr> <tr> <td style="padding: 2px;">Construction: tons per (unit of time)</td> </tr> <tr> <td style="padding: 2px;">Operation: tons per (unit of time)</td> </tr> <tr> <td style="padding: 2px;">Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:</td> </tr> <tr> <td style="padding: 2px;">Construction:</td> </tr> <tr> <td style="padding: 2px;">Operation:</td> </tr> <tr> <td style="padding: 2px;">Proposed disposal methods/facilities for solid waste generated on-site:</td> </tr> <tr> <td style="padding: 2px;">Construction:</td> </tr> <tr> <td style="padding: 2px;">Operation:</td> </tr> </table>	Describe any solid waste(s) to be generated during construction or operation of the facility:	Construction: tons per (unit of time)	Operation: tons per (unit of time)	Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:	Construction:	Operation:	Proposed disposal methods/facilities for solid waste generated on-site:	Construction:	Operation:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
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Operation:										
<p>s. Does the proposed action include construction or modification of a solid waste management facility?</p> <p>If Yes:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill or other disposal activities):</td> </tr> <tr> <td style="padding: 2px;">Anticipated rate of disposal/processing:</td> </tr> <tr> <td style="padding: 2px;"> tons/month, if transfer or other non-combustion/thermal treatment, or</td> </tr> <tr> <td style="padding: 2px;"> tons/hour, if combustion or thermal treatment</td> </tr> <tr> <td style="padding: 2px;">If landfill, anticipated site life: years</td> </tr> </table>	Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill or other disposal activities):	Anticipated rate of disposal/processing:	tons/month, if transfer or other non-combustion/thermal treatment, or	tons/hour, if combustion or thermal treatment	If landfill, anticipated site life: years	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				
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tons/month, if transfer or other non-combustion/thermal treatment, or										
tons/hour, if combustion or thermal treatment										
If landfill, anticipated site life: years										

<p>t. Will proposed action at the site involve the commercial generation, treatment, storage or disposal of hazardous waste?</p> <p>If Yes:</p> <p>Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility:</p> <p>Generally describe processes or activities involving hazardous wastes or constituents:</p> <p>Specify amount to be handled or generated: tons/month</p> <p>Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents:</p> <p>Will any hazardous wastes be disposed at an existing offsite hazardous waste facility? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>If Yes:</p> <p>Provide name and location of facility:</p> <p>If No:</p> <p>Describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility:</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>u. Will proposed action adhere to Leadership in Energy and Environmental Design (LEED) or any other green building principals?</p> <p>If Yes:</p> <p>Describe proposed green building methods and attempted level of certification, if any:</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>v. Does the project sponsor propose the use of energy benchmarking to monitor and adjust project energy needs?</p> <p>If Yes, explain:</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>w. Will the proposed action use native plants for all landscaping needs?</p> <p>Identify species to be used and method of irrigation:</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p>x. Does the proposed action promote local tourism?</p> <p>If Yes, explain:</p>	<p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>

E. Site and Setting of Proposed Action

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

- a. Existing land uses (Check all uses the occur on, adjoining and near the project site): (include map)
- Urban Industrial Commercial Residential Rural
 Forest Agriculture Aquatic Other Specify: **Project site is all of Suffolk County**

If mix of uses, generally describe:

- b. Land uses and cover types on the project site: Project site is all of Suffolk County

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

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

If Yes, explain:

The project is to prohibit retail stores in Suffolk County from providing plastic carryout bags to their customers and replace said plastic bags with Reusable Bags or Recyclable Paper Bags. The project site is all of Suffolk County.

Yes No

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

If Yes, identify facilities:

The project is to prohibit retail stores in Suffolk County from providing plastic carryout bags to their customers and replace said plastic bags with Reusable Bags or Recyclable Paper Bags. The project site is all of Suffolk County.

Yes No

<p>e. Does the project site contain an existing dam?</p> <p>If Yes:</p> <table border="1" data-bbox="142 199 1307 504"> <tr> <td colspan="2">Dimensions of the dam and impoundment:</td> </tr> <tr> <td>- Dam height:</td> <td>feet</td> </tr> <tr> <td>- Dam length:</td> <td>feet</td> </tr> <tr> <td>- Surface area:</td> <td>acres</td> </tr> <tr> <td>- Volume impounded:</td> <td>gallons or acre-feet</td> </tr> <tr> <td colspan="2">Dam's existing hazard classification:</td> </tr> <tr> <td colspan="2">Provide date and summarize results of last inspection:</td> </tr> </table>	Dimensions of the dam and impoundment:		- Dam height:	feet	- Dam length:	feet	- Surface area:	acres	- Volume impounded:	gallons or acre-feet	Dam's existing hazard classification:		Provide date and summarize results of last inspection:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				
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- Surface area:	acres																		
- Volume impounded:	gallons or acre-feet																		
Dam's existing hazard classification:																			
Provide date and summarize results of last inspection:																			
<p>f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility? <i>Project site is all of Suffolk County.</i></p> <p>If Yes:</p> <table border="1" data-bbox="142 703 1307 945"> <tr> <td colspan="2">Has the facility been formally closed?</td> </tr> <tr> <td>Yes</td> <td><input type="checkbox"/></td> <td>No</td> <td><input type="checkbox"/></td> </tr> <tr> <td colspan="4">If Yes, cite sources/documentation:</td> </tr> <tr> <td colspan="4">Describe the location of the project site relative to the boundaries of the solid waste management facility:</td> </tr> <tr> <td colspan="4">Describe any development constraints due to the prior solid waste activities:</td> </tr> </table>	Has the facility been formally closed?		Yes	<input type="checkbox"/>	No	<input type="checkbox"/>	If Yes, cite sources/documentation:				Describe the location of the project site relative to the boundaries of the solid waste management facility:				Describe any development constraints due to the prior solid waste activities:				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
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Describe the location of the project site relative to the boundaries of the solid waste management facility:																			
Describe any development constraints due to the prior solid waste activities:																			
<p>g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste? <i>Project site is all of Suffolk County.</i></p> <p>If Yes:</p> <table border="1" data-bbox="142 1144 1307 1218"> <tr> <td colspan="2">Describe waste(s) handled and waste management activities, including approximate time when activities occurred:</td> </tr> </table>	Describe waste(s) handled and waste management activities, including approximate time when activities occurred:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																
Describe waste(s) handled and waste management activities, including approximate time when activities occurred:																			

h. Has there been a reported contamination spill at the proposed project site or have any remedial actions been conducted at or adjacent to the proposed site? **Project site is all of Suffolk County.**

If Yes:

Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? (Check all that apply)

Yes – Spills Incidents database Provide DEC ID number(s):
 Yes – Environmental Site Remediation database Provide DEC ID number(s):
 Neither database

If site has been subject to RCRA corrective activities, describe control measures:

Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? Yes No

If Yes:

DEC ID number(s):

Describe current status of site(s):

Yes No

E.1.h. (cont.) – only answer following if checked “Yes” above

Is the project site subject to an institutional control limiting property uses?

If Yes:

DEC site ID number(s):

Describe the type of institutional control (e.g., deed restriction or easement):

Describe any use limitations:

Describe any engineering controls:

Will the project affect the institutional or engineering controls in place? Yes No

Explain:

E.2. Natural Resources On or Near Project Site

a. What is the average depth to bedrock on the project site: *
feet

b. Are there bedrock outcroppings on the project site?

If Yes:

What proportion of the site is comprised of bedrock outcroppings?
%

Yes No

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

1.	% of site
2.	% of site
3.	% of site
4.	% of site

d. What is the average depth to the water table on the project site? *										
e. Drainage status of project site soils: *										
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%; padding: 2px;">1.</td> <td style="width: 55%; padding: 2px;"><input type="checkbox"/> Well Drained</td> <td style="width: 40%; padding: 2px;">% of site</td> </tr> <tr> <td style="padding: 2px;">2.</td> <td style="padding: 2px;"><input type="checkbox"/> Moderately Well Drained</td> <td style="padding: 2px;">% of site</td> </tr> <tr> <td style="padding: 2px;">3.</td> <td style="padding: 2px;"><input type="checkbox"/> Poorly Drained</td> <td style="padding: 2px;">% of site</td> </tr> </table>	1.	<input type="checkbox"/> Well Drained	% of site	2.	<input type="checkbox"/> Moderately Well Drained	% of site	3.	<input type="checkbox"/> Poorly Drained	% of site	
1.	<input type="checkbox"/> Well Drained	% of site								
2.	<input type="checkbox"/> Moderately Well Drained	% of site								
3.	<input type="checkbox"/> Poorly Drained	% of site								
f. Approximate proportion of proposed action site with slopes: (include topographic map) *										
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%; padding: 2px;">1.</td> <td style="width: 55%; padding: 2px;"><input type="checkbox"/> 0-10%</td> <td style="width: 40%; padding: 2px;">% of site</td> </tr> <tr> <td style="padding: 2px;">2.</td> <td style="padding: 2px;"><input type="checkbox"/> 11-15%</td> <td style="padding: 2px;">% of site</td> </tr> <tr> <td style="padding: 2px;">3.</td> <td style="padding: 2px;"><input type="checkbox"/> 16% or greater</td> <td style="padding: 2px;">% of site</td> </tr> </table>	1.	<input type="checkbox"/> 0-10%	% of site	2.	<input type="checkbox"/> 11-15%	% of site	3.	<input type="checkbox"/> 16% or greater	% of site	
1.	<input type="checkbox"/> 0-10%	% of site								
2.	<input type="checkbox"/> 11-15%	% of site								
3.	<input type="checkbox"/> 16% or greater	% of site								
g. Are there any unique geologic features on the project site? * If Yes, describe: <div style="border: 1px solid black; padding: 5px; margin-top: 5px;">Project site includes all of Suffolk County which has glacial erratics, kettle hole ponds, bluff and dunes, etc.</div>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>									
h. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)? *	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>									
i. Do any wetlands or other waterbodies adjoin the project site? *	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>									
If Yes to either E.2.h or E.2.i, continue. If No, skip to E.2.m										
j. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? (include map)	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>									
k. For each identified wetland and waterbody on the project site, provide the following information: *										
Streams:	Name:	Classification:								
Lakes or Ponds:	Name:	Classification:								
Wetlands:	Name:	Approx. Size:								
Wetland No. (if regulated by DEC):										
l. Are any of the above waterbodies listed in the most recent compilation of NYS water quality-impaired waterbodies? *	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>									
If Yes, name of impaired water body/bodies and basis for listing as impaired: <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"><i>Project site includes all of Suffolk County</i></div>										
m. Is the project site in a designated floodway? *	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>									
n. Is the project site in the 100 year floodplain? *	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>									
o. Is the project site in the 500 year floodplain? *	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>									

<p>p. Is the project site located over or immediately adjoining a primary, principal or sole source aquifer? <i>* The project is to prohibit retail stores in Suffolk County from providing plastic carryout bags to their customers and replace said plastic bags with Reusable Bags or Recyclable Paper Bags. The project site is all of Suffolk County.</i></p> <p>If Yes:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Name of aquifer: Glacial, Magothy and Lloyd</td> </tr> <tr> <td style="padding: 2px;">Source of information: USGS</td> </tr> </table>	Name of aquifer: Glacial, Magothy and Lloyd	Source of information: USGS	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				
Name of aquifer: Glacial, Magothy and Lloyd							
Source of information: USGS							
<p>q. Identify the predominant wildlife species that occupy or use the project site: *</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="height: 20px;"></td> <td style="width: 30%;"></td> <td style="width: 40%;"></td> </tr> <tr> <td style="height: 20px;"></td> <td></td> <td></td> </tr> </table>							
<p>r. Does the project site contain a designated significant natural community? *</p> <p>If Yes:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Describe the habitat/community (composition, function and basis for designation):</td> </tr> <tr> <td style="padding: 2px;">Source(s) of description or evaluation:</td> </tr> <tr> <td style="padding: 2px;">Extent of community/habitat: - Currently: acres - Following completion of project as proposed: acres - Gain or loss (indicate + or -): acres</td> </tr> </table>	Describe the habitat/community (composition, function and basis for designation):	Source(s) of description or evaluation:	Extent of community/habitat: - Currently: acres - Following completion of project as proposed: acres - Gain or loss (indicate + or -): acres	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			
Describe the habitat/community (composition, function and basis for designation):							
Source(s) of description or evaluation:							
Extent of community/habitat: - Currently: acres - Following completion of project as proposed: acres - Gain or loss (indicate + or -): acres							
<p>s. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species? *</p> <p>If Yes:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Species and listing (endangered or threatened):</td> </tr> <tr> <td style="padding: 2px;">Nature of use of site by the species (e.g., resident, seasonal, transient):</td> </tr> </table>	Species and listing (endangered or threatened):	Nature of use of site by the species (e.g., resident, seasonal, transient):	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				
Species and listing (endangered or threatened):							
Nature of use of site by the species (e.g., resident, seasonal, transient):							
<p>t. Does project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern? *</p> <p>If Yes:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Species and listing:</td> </tr> <tr> <td style="padding: 2px;">Nature of use of site by the species (e.g., resident, seasonal, transient):</td> </tr> </table>	Species and listing:	Nature of use of site by the species (e.g., resident, seasonal, transient):	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				
Species and listing:							
Nature of use of site by the species (e.g., resident, seasonal, transient):							
<p>u. Is the project site or adjoining area currently used for hunting, trapping, fishing or shellfishing?*</p> <p>If Yes, give a brief description of how the proposed action may affect that use:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="height: 20px;"></td> </tr> </table> <p><i>* The project is to prohibit retail stores in Suffolk County from providing plastic carryout bags to their customers and replace said plastic bags with Reusable Bags or Recyclable Paper Bags. The project site is all of Suffolk County.</i></p>		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					

E.3. Designated Public Resources On or Near Project Site	
<p>a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? *</p> <p>If Yes, provide county plus district name/number:</p> <input type="text"/>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>
<p>b. Are agricultural lands consisting of highly productive soils present? *</p> <p>If Yes:</p> <p>Acreage(s) on project site: <input type="text"/></p> <p>Source(s) of soil rating(s): <input type="text"/></p>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>
<p>c. Does the project site contain all or part of, or is it substantially contiguous to a registered National Natural Landmark? *</p> <p>If Yes:</p> <p>Nature of the natural landmark: <input type="checkbox"/> Biological Community; <input type="checkbox"/> Geological Feature</p> <p>Provide brief description of landmark, including values behind designation and approximate size/extent: <input type="text"/></p>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>
<p>d. Is the project site located in or does it adjoin a state listed Critical Environmental Area, including Special Groundwater Protection Areas? *</p> <p>If Yes:</p> <p>CEA name: <input type="text"/></p> <p>Basis for designation: <input type="text"/></p> <p>Designating agency and date: <input type="text"/></p>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>
<p>e. Does the project site contain, or is it substantially contiguous to, a building, archeological site, or district which is listed on, or has been nominated by the NYS Board of Historic Preservation for inclusion on the State or National Register of Historic Places? *</p> <p>If Yes:</p> <p>Nature of historic/archaeological resource: <input type="checkbox"/> Archaeological Site; <input type="checkbox"/> Historic Building or district</p> <p>Name: <input type="text"/></p> <p>Brief description of attributes on which listing is based: <input type="text"/></p>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>
<p>f. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory? *</p>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>
<p>g. Have additional archaeological or historic site(s) or resources been identified on the project site? *</p> <p>If Yes:</p> <p>Describe possible resource(s): <input type="text"/></p> <p>Basis for identification: <input type="text"/></p>	<p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p>

<p>h. Would the project site be visible from any officially designated and publicly assessable federal, state or local scenic or aesthetic resource? *</p> <p>If Yes:</p> <table border="1" style="width: 100%;"> <tr> <td style="padding: 2px;">Identify resource:</td> </tr> <tr> <td style="padding: 2px;">Nature of, or basis for designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.):</td> </tr> <tr> <td style="padding: 2px;">Distance between project and resource:</td> </tr> </table>	Identify resource:	Nature of, or basis for designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.):	Distance between project and resource:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Identify resource:				
Nature of, or basis for designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.):				
Distance between project and resource:				
<p>i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR Part 666? *</p> <p>If Yes:</p> <table border="1" style="width: 100%;"> <tr> <td style="padding: 2px;">Identify the name of the river and its designation:</td> </tr> <tr> <td style="padding: 2px;">Is the activity consistent with development restrictions contained in 6 NYCRR Part 666? Yes <input type="checkbox"/> No <input type="checkbox"/></td> </tr> </table> <p><i>*The project is to prohibit retail stores in Suffolk County from providing plastic carryout bags to their customers and replace said plastic bags with Reusable Bags or Recyclable Paper Bags. The project site is all of Suffolk County.</i></p>	Identify the name of the river and its designation:	Is the activity consistent with development restrictions contained in 6 NYCRR Part 666? Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Identify the name of the river and its designation:				
Is the activity consistent with development restrictions contained in 6 NYCRR Part 666? Yes <input type="checkbox"/> No <input type="checkbox"/>				

F. Additional Information

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

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

G. Verification

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

Applicant/Sponsor Name: Leg. William Spencer

Date:

Signature: _____

Title: Suffolk County Legislator

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

Part 2 – Identification of Potential Project Impacts

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

Tips for completing Part 2:

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

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

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

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

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

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

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

	D.2.c		
h. _____ Other impacts: <i>The proposed action will reduce the number of plastic carryout bags in Suffolk County. As a result less plastic bags will breakdown into small toxic pieces and enter Suffolk County's soils and groundwater.</i>	X	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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

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

vi. 43 tons/year or more of methane	D.2.h	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may generate 10 tons/year or more of any one designated hazardous air pollutant, or 25 tons/year or more of any combination of such hazardous air pollutants.	D.2.g	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may require a state air registration, or may produce an emissions rate of total contaminants that may exceed 5 lbs. per hour, or may include a heat source capable of producing more than 10 million BTU=s per hour.	D.2.f D.3.g	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may reach 50% of any two or more of the thresholds in “a” through “c”, above.	D.1.i D.2.k	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may result in the combustion or thermal treatment of more than 1 ton of refuse per hour.	D.2.s	<input checked="" type="checkbox"/>	<input type="checkbox"/>
f. _____ Other impacts: <i>It should be noted that the locations and industrial process for substitute reusable bags and recyclable bags are not known at this time however it is not anticipated that the project action will result in a significant change in air emissions. For each new bag requested by a customer at retail store in Suffolk County the proposed action requires a \$0.10 per recyclable paper bag fee and no less than \$0.10 per reusable bag fee. In addition, the proposed action requires that the recyclable paper bag contains no old growth fiber; is 100 % recyclable overall and contains a minimum of 40% post-consumer recycles content.</i>	X	<input checked="" type="checkbox"/>	<input type="checkbox"/>

7. _____ Impact on Plants and Animals			
The proposed action may result in a loss of flora or fauna. (See Part 1.E.2.q – E.2.u) <i>If “YES”, answer questions a-j. If “NO”, move on to Section 8.</i>		YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ The proposed action may cause reduction in population or loss of individuals of any threatened or endangered species, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E.2.s	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may result in a reduction or degradation of any habitat used by any rare, threatened or endangered species, as listed by New York State or the federal government.	E.2.s	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may cause reduction in population, or loss of individuals, of any species of special concern or conservation need, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E.2.t	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may result in a reduction or degradation of any habitat used by any species of special concern and conservation need, as listed by New York State or the Federal government.	E.2.t	<input checked="" type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may diminish the capacity of a registered National Natural Landmark to support the biological community it was established to protect.	E.3.c	<input checked="" type="checkbox"/>	<input type="checkbox"/>

f. _____ The proposed action may result in the removal of, or ground disturbance in, any portion of a designated significant natural community. Source:	E.2.r	<input checked="" type="checkbox"/>	<input type="checkbox"/>
g. _____ The proposed action may substantially interfere with nesting/breeding, foraging, or over-wintering habitat for the predominant species that occupy or use the project site.	E.2.q	<input checked="" type="checkbox"/>	<input type="checkbox"/>
h. _____ The proposed action requires the conversion of more than 10 acres of forest, grassland or any other regionally or locally important habitat. Habitat type & information source:	E.1.b	<input checked="" type="checkbox"/>	<input type="checkbox"/>
i. _____ Proposed action (commercial, industrial or recreational projects, only) involves use of herbicides or pesticides.	D.2.q	<input checked="" type="checkbox"/>	<input type="checkbox"/>
j. _____ Other impacts: <i>The proposed action will reduce the amount of plastic carryout bags in Suffolk County thus reducing the number of birds that become entangled in the bags and the amount of sea life ingesting the bags.</i>	X	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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

9. _____ Impact on Aesthetic Resources
 The land use of the proposed action are obviously different from, or are in sharp contrast to, current land use patterns between the proposed project and a scenic or aesthetic resource. (See Part 1.E.1.a, E.1.b, E.3.h) YES NO
If "YES", answer questions a-g and complete Appendix B - Visual EAF Addendum. If "NO", move on to Section 10.

	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ Proposed action may be visible from any officially designated federal, state, or local scenic or aesthetic resource.	E.3.h	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may result in the obstruction, elimination or significant screening of one or more officially designated scenic views.	C.2.b E.3.h	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may be visible from publicly accessible vantage points: i. Seasonally (e.g., screened by summer foliage, but visible during other seasons) ii. Year round	E.3.h E.3.h	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
d. _____ The situation or activity in which viewers are engaged while viewing the proposed action is: i. Routine travel by residents, including travel to and from work ii. Recreational or tourism based activities	E.3.h E.2.u E.1.c	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
e. _____ The proposed action may cause a diminishment of the public enjoyment and appreciation of the designated aesthetic resource.	E.3.h	<input type="checkbox"/>	<input type="checkbox"/>
f. _____ There are similar projects visible within the following distance of the proposed project: 0 – ½ mile ½ – 3 mile 3 – 5 mile 5+ mile	D.1.a D.1.h D.1.i E.1.a	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
g. _____ Other impacts:	X	<input type="checkbox"/>	<input type="checkbox"/>

10. _____ Impact on Historic and Archeological Resources
 The proposed action may occur in or adjacent to an historic or archaeological resource. (See Part 1.E.3.e, E.3.f, E.3.g) YES NO
If "YES", answer questions a-e. If "NO", move on to Section 11.

	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ The proposed action may occur wholly or partially within, or substantially contiguous to, any buildings, archaeological site or district which is listed on or has been nominated by the NYS Board of Historic Preservation for inclusion on the State or National Register of Historic Places.	E.3.e	<input type="checkbox"/>	<input type="checkbox"/>

b. _____ The proposed action may occur wholly or partially within, or substantially contiguous to, an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory.	E.3.f	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may occur wholly or partially within, or substantially contiguous to, an archaeological site not included on the NY SHPO inventory. Source:	E.3.g	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ Other impacts:	 	<input type="checkbox"/>	<input type="checkbox"/>
e. _____ If any of the above (a-d) are answered "Yes", continue with the following questions to help support conclusions in Part 3: i. The proposed action may result in the destruction or alteration of all or part of the site or property. ii. The proposed action may result in the alteration of the property's setting or integrity. iii. The proposed action may result in the introduction of visual elements which are out of character with the site or property, or may alter its setting.	E.3.e – E.3.g E.1.a, E.1.b E.3.e – E.3.g C2, C3 E.3.g, E.3.h	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

11. _____ Impact on Open Space and Recreation			
The proposed action may result in a loss of recreational opportunities or a reduction of an open space resource as designated in any adopted municipal open space plan. (See Part 1.C.2.c, E.1.c, E.2.u) <i>If "YES", answer questions a-e. If "NO", move on to Section 12.</i>		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ The proposed action may result in an impairment of natural functions, or "ecosystem services", provided by an undeveloped area, including but not limited to stormwater storage, nutrient cycling, and wildlife habitat.	D.2.e, E.1.b E.2.h – E.2.l E.2.q – E.2.t	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may result in the loss of a current or future recreational resource.	C.2.a, C.2.c E.1.c, E.2.u	<input type="checkbox"/>	<input type="checkbox"/>
c. The proposed action may eliminate open space or recreational resource in an area with few such resources.	C.2.a, C.2.c E.1.c, E.2.u	<input type="checkbox"/>	<input type="checkbox"/>
d. The proposed action may result in loss of an area now used informally by the community as an open space resource.	C.2.c, E.1.c	<input type="checkbox"/>	<input type="checkbox"/>
e. _____ Other impacts:	 	<input type="checkbox"/>	<input type="checkbox"/>

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

result in a reduction in the quantity of the resource or characteristic which was the basis for designation of the CEA.			
b. The proposed action may result in a reduction in the quality of the resource or characteristic which was the basis for designation of the CEA.	E.3.d	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ Other impacts:	X	<input type="checkbox"/>	<input type="checkbox"/>

13. _____ Impact on Transportation			
The proposed action may result in a change to existing transportation systems. (See Part 1.D.2.j)		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
<i>If "YES", answer questions a-f. If "NO", move on to Section 14.</i>			
	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____	Projected traffic increase may exceed capacity of existing road network.	D.2.j	<input type="checkbox"/>
b. _____	The proposed action may result in the construction of paved parking area for 500 or more vehicles.	D.2.j	<input type="checkbox"/>
c. _____	The proposed action will degrade existing transit access.	D.2.j	<input type="checkbox"/>
d. _____	The proposed action will degrade existing pedestrian or bicycle accommodations.	D.2.j	<input type="checkbox"/>
e. _____	The proposed action may alter the present pattern of movement of people or goods.	D.2.j	<input type="checkbox"/>
f. _____	Other impacts:	X	<input type="checkbox"/>

14. _____ Impact on Energy			
The proposed action may cause an increase in the use of any form of energy (See Part 1.D.2.k)		YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	
<i>If "YES", answer questions a-e. If "NO", move on to Section 15.</i>			
	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____	The proposed action will require a new, or an upgrade to an existing, substation.	D.2.k	<input checked="" type="checkbox"/>
b. _____	The proposed action will require the creation or extension of an energy transmission or supply system to serve more than 50 single or two-family residences or to serve a commercial or industrial use.	D.1.h D.1.i D.2.k	<input checked="" type="checkbox"/>
c. _____	The proposed action may utilize more than 2,500 MWhrs per year of electricity.	D.2.k	<input checked="" type="checkbox"/>
d. _____	The proposed action may involve heating and/or cooling of more than 100,000 square feet of building area when completed.	D.1.i	<input checked="" type="checkbox"/>
e. _____	Other impacts: <i>It should be noted that the locations and industrial process for substitute reusable bags and recyclable bags are not known at this time however it is not anticipated that the project action will result in a significant change in energy consumption. For each new bag requested by a customer at retail store in Suffolk County the proposed action requires a \$0.10 per recyclable paper bag fee and no less than \$0.10 per reusable bag fee. In</i>	X	<input checked="" type="checkbox"/>

<i>addition, the proposed action requires that the recyclable paper bag contains no old growth fiber; is 100 % recyclable overall and contains a minimum of 40% post-consumer recycles content.</i>	X		
---	---	--	--

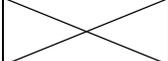
15. _____ Impact on Noise, Odor and Light
 The proposed action may result in an increase in noise, odors or outdoor lighting (See Part 1.D.2.m, D.2.n, D.2.o) YES NO
If "YES", answer questions a-f. If "NO", move on to Section 16.

	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ The proposed action may produce sound above noise levels established by local regulation.	D.2.m	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may result in blasting within 1,500 feet of any residence, hospital, school, licensed day care center, or nursing home.	D.2.m E.1.d	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action may result in routine odors for more than one hour per day.	D.2.o	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may result in light shining onto adjoining properties.	D.2.n	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may result in lighting that creates sky-glow brighter than existing-area conditions.	D.2.n E.1.a	<input type="checkbox"/>	<input type="checkbox"/>
f. _____ Other impacts:	X	<input type="checkbox"/>	<input type="checkbox"/>

16. _____ Impact on Human Health
 The proposed action may have an impact on human health from exposure to new or existing sources of contaminants (See Part 1.D.2.q, E.1.d, E.1.f, E.1.g, E.1.h) YES NO
If "YES", answer questions a-m. If "NO", move on to Section 17.

	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ The proposed action is located within 1500 feet of a school, hospital, licensed day care center, group home, nursing home or retirement community.	E.1.d	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The site of the proposed action is currently undergoing remediation.	E.1.g, E.1.h	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ There is a completed emergency spill remediation or a completed environmental site remediation on, or adjacent to, the site of the proposed action.	E.1.g E.1.h	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The site of the action is subject to an institutional control limiting the use of the property (e.g. easement, deed restriction)	E.1.g E.1.h	<input type="checkbox"/>	<input type="checkbox"/>
e. _____ The proposed action may affect institutional control measures that were put in place to ensure that the site remains protective of the environment and human health.	E.1.g E.1.h	<input type="checkbox"/>	<input type="checkbox"/>

f. _____ The proposed action has adequate control measures in place to ensure that future generation, treatment and/or disposal of hazardous wastes will be protective of the environment and human health.	D.2.t	<input type="checkbox"/>	<input type="checkbox"/>
g. _____ The proposed action involves construction or modification of a solid waste management facility.	D.2.q E.1.f	<input type="checkbox"/>	<input type="checkbox"/>
h. _____ The proposed action may result in the unearthing of solid or hazardous waste.	D.2.q E.1.f	<input type="checkbox"/>	<input type="checkbox"/>
i. _____ The proposed action may result in an increase in the rate of disposal, or processing, of solid waste.	D.2.r D.2.s	<input type="checkbox"/>	<input type="checkbox"/>
j. _____ The proposed action may result in excavation or other disturbance within 2000 feet of a site used for the disposal of solid or hazardous waste.	E.1.f – E.1.h	<input type="checkbox"/>	<input type="checkbox"/>
k. _____ The proposed action may result in the migration of explosive gases from a landfill site to adjacent off site structures.	E.1.f E.1.g	<input type="checkbox"/>	<input type="checkbox"/>
l. The proposed action may result in the release of contaminated leachate from the project site.	D.2.r, D.2.s E.1.f	<input type="checkbox"/>	<input type="checkbox"/>
m. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

17. _____ Consistency with Community Plans			
The proposed action is not consistent with adopted land use plans. (See Part 1.C.1, C.2, C.3)		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
<i>If "YES", answer questions a-h. If "NO", move on to Section 18.</i>			
	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ The proposed action's land use components may be different from, or in sharp contrast to, current surrounding land use pattern(s).	C.2, C.3, D.1.a, E.1.a, E.1.b	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action will cause the permanent population of the city, town or village in which the project is located to grow by more than 5%.	C.2	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action is inconsistent with local land use plans or zoning regulations.	C.2, C.3	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action is inconsistent with any County plans, or other regional land use plans.	C.2	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action may cause a change in the density of development that is not supported by existing infrastructure or is distant from existing infrastructure.	C.3 D.1.e, D.1.f, D.1.h, E.1.b	<input type="checkbox"/>	<input type="checkbox"/>
f. The proposed action is located in an area characterized by low density development that will require new or expanded public infrastructure.	C.4, D.2.c, D.2.d, D.2.j	<input type="checkbox"/>	<input type="checkbox"/>
g. The proposed action may induce secondary development impacts (e.g., residential or commercial development not included in the proposed action)	C.2.a	<input type="checkbox"/>	<input type="checkbox"/>
h. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

18. _____ Consistency with

Community Character

The proposed action is inconsistent with the existing community character
(See Part 1.C.2, C.3, D.2, E.3)

YES NO

If "YES", answer questions a-g. If "NO", move on to Part 3.

	Relevant Part 1 Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. _____ The proposed action may replace or eliminate existing facilities, structures, or areas of historic importance to the community.	E.3.e, E.3.f, E.3.g	<input type="checkbox"/>	<input type="checkbox"/>
b. _____ The proposed action may create a demand for additional community services (e.g. schools, police and fire)	C.4	<input type="checkbox"/>	<input type="checkbox"/>
c. _____ The proposed action may displace affordable or low-income housing in an area where there is a shortage of such housing.	C.2, C.3, D.1.h, D.1.i, E.1.a	<input type="checkbox"/>	<input type="checkbox"/>
d. _____ The proposed action may interfere with the use or enjoyment of officially recognized or designated public resources.	C.2, E.3	<input type="checkbox"/>	<input type="checkbox"/>
e. The proposed action is inconsistent with the predominant architectural scale and character.	C.2, C.3	<input type="checkbox"/>	<input type="checkbox"/>
f. Proposed action is inconsistent with the character of the existing natural landscape.	C.2, C.3, E.1.a, E.1.b, E.2.g – E.2.1	<input type="checkbox"/>	<input type="checkbox"/>
g. _____ Other impacts:		<input type="checkbox"/>	<input type="checkbox"/>

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

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

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

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

Reasons Supporting This Determination:

To complete this section:

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

- For Part 2 Question 3.l. Impact on Surface Water, Other Impacts (Proposed project action would reduce the amount of debris that washes up on Suffolk County coastlines) – the moderate to large impact may occur box was checked because it is anticipated that the proposed action will have a moderate to large positive impact on Suffolk County coastlines by reducing the amount of plastic bags used in Suffolk County and as a result reducing the number of bags that wash up on Suffolk County shorelines.

- For Part 2 Question 4.h. Impact on Groundwater, Other Impacts (Proposed action will reduce the number of plastic carryout bags in Suffolk County. As a result less plastic bags will breakdown into small toxic pieces and enter Suffolk County's soils and groundwater.) – the moderate to large impact may occur box was checked because it is anticipated that the proposed action will have a moderate to large positive impact on Suffolk County groundwater by reducing the amount of plastic bags used in Suffolk County and as a result reducing the number of small toxic plastic bag pieces that enter Suffolk County's groundwater.

Part 3 – Cont.

- For Part 2 Question 7.j. *Impact on Plants and Animals, Other Impacts (Proposed action will reduce the amount of plastic carryout bags in Suffolk County thus reducing the number of birds that become entangled in the bags and the amount of sea life ingesting the bags.) - the moderate to large impact may occur box was checked because it is anticipated that the proposed action will have a moderate to large positive impact on Suffolk County's animals by reducing the number of birds that become entangled in the bags and the amount of sea life ingesting the bags.*

- For Part 2 Question 8.h. *Impact on Agricultural Resources, Other Impacts (The proposed action will reduce the number of plastic carryout bags in Suffolk County. As a result less plastic bags will breakdown into small toxic pieces and enter Suffolk County's soils.) – the moderate to large impact may occur box was checked because it is anticipated that the proposed action will have a moderate to large positive impact on Suffolk Count's soil resources by reducing the amount of plastic bags used in Suffolk County and as a result reducing the number of small toxic plastic bag pieces that enter Suffolk County's soils.*

As described above the proposed local law is anticipated to result in the reduction of plastic bag use, especially thin "flyaway" plastic bag use, in Suffolk County. This will have a positive impact on Suffolk County's surface waters, soils, groundwater, birds and sea life. In addition, due to the nature of the proposed local law and its requirements the proposed action is not anticipated to result in significant adverse impacts to air, energy and water resources. The proposed action would require retailers that are providing bags to its customers to charge a fee of \$0.10 per recyclable paper bag and no less than \$0.10 per reusable bag. In addition, the proposed action requires that the provided recyclable paper bag contains no old growth fiber; is 100 % recyclable overall and contains a minimum of 40% post-consumer recycles content. This reduces the impacts to air, energy and water resources that result from the production of paper bags used in Suffolk County. Attached, as an addendum to the Part III of the EAF, is correspondence provided by the legislative sponsor that provides additional information on the intent of the legislation, the adverse impacts plastic bags have on the environment and the observed reduction in plastic bag use/paper bag use that occurred when other municipalities have implemented similar legislation.

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

SEQR Status: Type I Unlisted

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

Upon review of the information recorded on this EAF, as noted, plus this additional support information and considering both the magnitude and importance of each identified potential impact, it is the conclusion of The Suffolk County Legislature as lead agency that:

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

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

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

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

Name of Action: IR 1207 - A LOCAL LAW PROHIBITING THE DISTRIBUTION OF PLASTIC CARRYOUT BAGS USED IN RETAIL SALES

Name of Lead Agency: S.C LEGISLATURE

Name of Responsible Officer in Lead Agency: LEG. WILLIAM SPENCER

Title of Responsible Officer in Lead Agency: LEGISLATOR

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

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

For Further Information:

Contact Person:

Address:

Telephone Number:

Email:

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

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

Other involved agencies (if any)

Applicant (if any)

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

**SUFFOLK COUNTY
ENVIRONMENTAL ASSESSMENT FORM**

**Appendix A
Suffolk County Historic Trust**

**Application for Determination of Appropriateness for Alteration to
Suffolk County Historic Trust Landmark or Site**

1. APPLICANT

Agency:
Contact Person:
Address:
Telephone:

2. PROPERTY

Structure Name:
Location:
Historic Trust Status: Designated; Eligible
Use Category:
Current Use:
Proposed Use:
Is the structure listed on or eligible for the National Register of Historic Places? Yes; No

3. PROPOSED WORK

Scope of Work:
Reason for Work:
Architect/Engineer:
Contractor:
Construction Schedule:

4. FUNDING

Estimated Cost of Project:
Source(s) of Funding:

5. PROPERTY HISTORY

Date of Original Construction:
Original Architect/Builder:
History of Use:
History of Alterations:

6. SUBMISSIONS (check all that apply)

<input type="checkbox"/> Map	<input type="checkbox"/> Specifications	<input type="checkbox"/> Samples
<input type="checkbox"/> Drawings	<input type="checkbox"/> Environmental Assessment Form	<input type="checkbox"/> Other:
<input type="checkbox"/> HP-1 Form	<input type="checkbox"/> Photographs	

7. RELATED INFORMATION AND COMMENT:

The Suffolk County Historic Trust is hereby requested to review the scope of work proposed for the above mentioned landmark structure, owned by the County of Suffolk, New York, to determine the appropriateness of design and/or use as regulated by the Suffolk County Charter. Design review guidelines have been made available for reference and it is understood that submission or approval of this application does not relieve applicant's responsibility for securing any and all other permits and approvals as required by law.

**SUFFOLK COUNTY
ENVIRONMENTAL ASSESSMENT FORM**

**Appendix B
Visual EAF Addendum**

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

VISIBILITY

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

2. Is the visibility of the project seasonal? (i.e., screened by summer foliage but visible during other seasons)
 Yes No

3. Are any of the resources checked in question 1 used by the public during the time of year during which the project will be visible?
 Yes No

DESCRIPTION OF EXISTING VISUAL ENVIRONMENT

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

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

NOTE: Add attachments as needed.

5. Are there visually similar projects within*:
 ½ mile: Yes No 1 mile: Yes No 2 miles: Yes No 3 miles: Yes No

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

EXPOSURE

6. The annual number of viewers likely to observe the proposed project is:
 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:

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

SUFFOLK COUNTY LEGISLATURE
COUNTY OF SUFFOLK

WILLIAM R. SPENCER
LEGISLATOR 18TH DISTRICT

CHAIR
HEALTH COMMITTEE

VICE-CHAIR
WAYS & MEANS COMMITTEE

MEMBER
PUBLIC SAFETY COMMITTEE



15 PARK CIRCLE, SUITE 209
CENTERPORT, N.Y. 11721

PHONE: (631)-854-4500
FAX: (631)-854-4503

EMAIL: william.spencer@suffolkcountyny.gov

TO: Council on Environmental Quality

FROM: Legislator William R. Spencer, M.D.

DATE: March 21, 2016

RE: Addendum to EAF for 1207-2016, a Local Law Prohibiting the Distribution of Plastic Carryout Bags Used in Retail Sales

This correspondence is to provide backup information on intent and predicted effects of IR 1207-2016, A Local Law Prohibiting the Distribution of Plastic Carryout Bags Used in Retail Sales.

Description of the Intent of the Proposed Legislation

The intent of this proposed local law is to prohibit the free distribution of single-use plastic carry out bags by retailers in Suffolk County, with the purpose being to improve our environment and protect the precious resources which make the region so desirable and unique. By eliminating the use of carryout plastic bags in retail environments in combination with a fee on paper bags, consumers will be encouraged to bring their own reusable checkout bags when purchasing goods.

As an island, there is no greater asset to protect than the environment and our waters, which are critical to our health, quality of life, economy and much more. Our county is populated by 1.5 million residents across 912 square miles of land, 1,461 square miles of water, and 980 miles of marine coastline (Suffolk County Comprehensive Master Plan). We continue to make strides to secure the last vestiges of open space, balance development, improve our surface waters, and protect the sole-source aquifer situated right beneath our feet. Suffolk County has a long history of championing for forward-thinking environmental and public health policy. Some examples include: investing in sewer infrastructure upgrades and exploring new, alternative options for waste water management, prohibiting phosphates in detergents, banning microbeads in personal care products, and prohibiting hydro-fracking waste in the county. Suffolk County was also the first in the nation to ban the use of BPA, a harmful chemical found in plastics, in baby bottles, sippy cups, and cash register receipts.

Background About Plastic Bags and their impacts

Historically speaking, the movement to mainly use plastic bags was spurred on by the plastic industry and began in 1979 when they were first introduced to the American market. For centuries prior to their introduction, we survived, with large families, without disposable plastic bags. With a large push by the Society of Plastic Engineers and Mobil, 75% of supermarkets were offering plastic bags to customers by 1985 (The Atlantic, October 2014).

Within the time that consumers switched to predominantly using plastic bags, the amount of plastic in our oceans has exceeded the amount of plankton. The EPA estimates that between 500 billion and 1 trillion plastic bags are consumed worldwide each year. Of that number, over 100 billion are consumed in the United States, and 5 billion are used in the State of New York alone. Although there has been a movement to use more sustainable options such as reusable bags, our dependency on single-use plastic bags continues to grow. According to the Equinix Center; more single-use plastic bags have been produced in the 21st Century, than in the entire 20th Century. (City of San Diego/Equinix, November 2015)

The Costs

Environmental:

Plastic debris can be found throughout all the world's oceans, along the seabed and coastlines. They are known to block storm drains, exacerbating flooding and sewage discharges into waterways and are known to negatively affect more than 267 species of wildlife. Whales, birds, seals and turtles are among the many animals that mistake plastic bags for food or get tangled in their grips (Greenpeace International).

When plastic bags begin to degrade, they “weather” down into tiny micro-plastic particles as small as a grain of sand. Even those pieces negatively impact our environment, causing harm to smaller marine animals, and in a similar fashion to micro-beads can negatively impact the food chain, ultimately impacting humans (Greenpeace International).

A recent study by Empirical College of London found that 90% of sea birds had plastic in their stomachs, compared with 60% in 2010 and 5% in 1960 (Empirical College of London, September 2015). A recent report estimates that, if we do not change our plastic consumption, there will be more plastic than fish, by weight, in our oceans by 2050 (Ellen MacArthur Foundation, January 2016).

While this is a global problem, there are quantifiable local impacts to our plastic bag use. Operation SPLASH picked up over 10,500 plastic bags from the South Shore Estuary Reserve during routine clean-ups in 2015, and locally, Long Island Sound shell fishermen have reported submerged plastic smothering shellfish, in particular oyster beds, which is a documented global problem (Gregory, June 2009).

For hundreds of years, fishing and shell fishing has been a mainstay resource and economic driver for Long Island and Suffolk County. World famous for our shellfish, nearly half the clams eaten in the entire country were from the Great South Bay in the 1970's (nature.org). While there still remains a large industry, water quality in our estuaries, harbors and bays have been devastated by pollution. With shell fish dwindling due to overfishing and environmental factors, we have seen even more degradation, as they are a vital filter source in our waters. According to The Nature Conservancy, “When clams were abundant, they also filtered 40% of the water in the bay every single day. Today, there are only enough hard clams to filter about 1% of this vast body of water daily. Without shellfish, water quality declines — and creatures that depend on clams, scallops, and oysters as food sources (including humans!) also suffer.”

New research from the Safina Center further explores the impacts of plastic pollution on our oceans and shellfish. The findings are quite interesting, linking the ingestion of micro-plastics by crustaceans to reproduction and digestion impairment. Oysters which were fed plastic particles vs. a normal diet were found to expend more energy to pass the plastic and their reproduction abilities reduced by 50%. It appears that during digestion of the particles, hormone-disrupting chemicals leach into their system, leading to diminished fertility and less plentiful offspring. As expressed by the Director of the Safina Center, Elizabeth Brown-Hornstein, “This study provides further evidence that plastic litter has far-reaching effects on the oceans and that there is an urgent need to take meaningful action to tackle this issue” (Safina and Cirino, February 2016).

In recent years, Suffolk County has emphasized the need to “Reclaim our Waters”, promoting multiple initiatives which aim to clean up and restore our surface waters in an effort to reduce nitrogen loading and replenish out shellfish

population. Since making it a priority, we have begun to see tangible results. Restrictions on the use of plastic bags will boost those efforts and ensure an environment where healthy ecosystems thrive.

Human Health

There is growing evidence that plastic pollution in our oceans should be monitored carefully, as it may have impacts on human health and the food chain. Once plastics in our waters break down into micro-particles, they can absorb toxic chemicals commonly found in waterways and be mistaken for food by fish and wildlife. Scientists have already found the presence of microbeads in the Long Island Sound, which is a growing concern for fish and wildlife, and potentially for the people of Suffolk.

According to a 2014 report by New York State Attorney General Eric T. Schneiderman entitled “Unseen Threat: How Microbeads harm New York Waters, Wildlife, Health and Environment,

“Many plastic products contain chemical additives that leach out, especially when exposed to weathering, heat or ultraviolet light. For example, Bisphenol-A (BPA), is a chemical additive and a known endocrine disrupting chemical that is banned in certain children products in New York. Endocrine disrupting chemicals produce adverse developmental, reproductive, neurological, and immune effects in both humans and wildlife. They have been linked to a number of common ailments, including heart disease, immune system disruption, brain deterioration, type-2 diabetes, cancer and obesity. They pose the greatest risk during prenatal and early childhood development when organ and neural systems are forming. Once ingested, micro-plastics facilitate the transfer of chemicals to some species low on the food chain, where they can be passed on to larger predators. Chemicals from plastic ingestion have also harmed fish and lower trophic organisms” (Unseen Threat, 2014).

A recent peer reviewed study on plastic in the marine environment titled: The ecological impacts of marine debris: unraveling the demonstrated evidence from what is perceived, concluded:

“Thus, we show evidence of ecological impacts from marine debris, but conclude that the quantity and quality of research requires improvement to allow the risk of ecological impacts of marine debris to be determined with precision. Still, our systematic review suggests that sufficient evidence exists for decision-makers to begin to mitigate problematic plastic debris now, to avoid risk of irreversible harm.”

Fiscal

Plastic bags have become customary, expected and seen as harmless, but they actually come at a hidden cost to businesses, consumers, and tax-payers. Retailers spend \$4 billion per year to give out the bags; a cost that is passed on to the consumer in the form of higher prices (Citizen’s Campaign for the Environment). Once used and discarded, the bags typically end up as litter, costing tax-payers money and resources for their clean-up and proper disposal. Recycling of plastic bags also leads to added costs. With only 1-5% of plastic bags being recycled, and many waste facilities unable to process them, plastic bags end up in our environment as litter, despite the best efforts for proper disposal (Clean Air Council). Improperly recycled bags can lead to problems in recycling facilities, like San Francisco's Recology.

"When people put them in the recycling bin--and they should not do that—they wind up down at the recycling plant and they wrap around a lot of the recycling equipment," public relations manager Robert Reed said. About twice a day, "you have to turn your equipment off and send mechanics in with box knives to cut them out." (Mother Jones, September 2014).

Plastic Bag Disposal Costs to Municipalities:

- The Town of Brookhaven has dedicated staff to remove plastic bags from their Materials Recycling Facility (MRF), which separates recyclable waste into glass, paper, corrugated cardboard, plastics and metals. The facility cannot process the bags, and when they are included in the waste stream, they often get stuck in the machinery and disrupt operations. Removing the single-use plastic from circulation will enable the Town of Brookhaven to utilize these staff resources in a more productive manner.
- New York City spends \$10 million disposing of plastic bags annually. (Citizen's Campaign for the Environment).
- California spends \$25 million to collect and landfill 14 billion plastic bags used annually. (Save the Bay)
- San Jose alone spends "at least \$3 million annually to clean plastic bags from creeks and clogged storm drains." (Save the Bay)
- The Clean Air Council states that recycling one ton of plastic bags costs \$4,000, while the recycled product can be sold for only \$32.
- The Town of Southampton estimates that their residents and visitors use 23 million plastic bags annually. Due to the environmentally friendly culture of the town, they actually recover a large percentage of bags, 10%, for recycling; however, they must pay to ship out the bags for proper disposal.

Other economic benefits have been seen and predicted in municipalities which have regulated plastic bag use. A recent study of the financial effects of two California bans found that there was "no sustained negative (economic) impact to retailers", and predictions from San Francisco's Office of Economic Analysis determined a "slight positive impact on the local economy." That same study predicts a \$3 million dollar savings for retailers under San Francisco's strengthened ban, as they would no longer be paying for single-use plastic bags given out for free to customers (SanDiego.gov)

In Suffolk County, Bravo, the small grocery store in Patchogue (where a ban is going into effect in September) has indicated that they expect to save \$8,000- \$10,000 per year on single-use plastic bags.

Los Angeles Department of Public Works experienced a boost to their local economy with the emergence of reusable bag companies breaking into the growing market. (L.A. County Department of Public Works)

Do Regulations on Plastic Bags Mitigate the Costs?

Regulations on plastic bags have been cropping up across the globe, with more than 70 countries having some restrictions in place (Earth Policy Institute). The European Union (EU) highlighted the importance of regulating plastic bag use, recently proposing that states take action to reduce their consumption.

"Every year, more than 8 billion plastic bags end up as litter in Europe, causing enormous environmental damage," said Environment Commissioner Janez Potočnik at the proposals' launch in November 2013. Some Member States have already achieved great results in reducing their use of plastic bags, he emphasized: "If others followed suit we could reduce today's overall consumption in the European Union by as much as 80%" (EU Environment for Europeans Magazine, April 2014).

Below is a small snapshot of places where bans or fees have been instituted.

Internationally		
Country	Ban	Fee
Australia		X
China	X	X
Ireland		X
Italy	X	
Rwanda	X	
Philippines	X	
Wales		X
India	X	
Bangladesh	X	
South Africa		X
Botswana	X	X
Kenya	X	
Spain		X
Uganda	X	
Tanzania	X	
Zanzibar	X	
Denmark		X
Bulgaria		X
Belgium		X

USA	
State	Action
Alaska	2 ordinances covering 2 municipalities
California	67 ordinances covering 88 municipalities
Colorado	5 ordinances covering 5 municipalities
Connecticut	1 ordinance covering 1 municipality
Washington DC	1 ordinance covering 1 municipality
Hawaii	4 ordinances covering the entire state
Iowa	1 ordinance covering 1 municipality
Maine	Portland
Maryland	2 ordinances covering 21 municipalities
Massachusetts	8 ordinances covering 8 municipalities
New Mexico	1 ordinance covering 1 municipality
New York	Southampton, East Hampton, Patchogue, Larchmont, Rye, Mamaroneck
North Carolina	1 ordinance covering 9 municipalities
Oregon	3 ordinances covering 3 municipalities
Texas	9 ordinances covering 9 municipalities
Rhode Island	1 ordinance covering 1 municipality
Washington	11 ordinances covering 11 municipalities

Plastic bag bans and fees have already reduced plastic bag use dramatically:

- Plastic bag use in Washington, D.C. dropped from 22 million to 3 million in the first month after instituting a 5 cent per bag (*The Washington Post*, March 2010).
- A San Jose Study Found Major Reduction In Litter Following Bag Ban. Litter was reduced by "approximately 89 percent in the storm drain system, 60 percent in the creeks and rivers, and 59 percent in city streets and neighborhoods," according to a report from San Jose's Transportation and Environment Committee (City of San Jose, November 2012).

With a patchwork of laws cropping up throughout the state, and now throughout Suffolk County, including regulations in Patchogue, East Hampton, and Southampton, our residents, members of the business community and local elected officials are looking for the county to follow suit, creating a uniform law governing all 10 townships and 33 villages.

Our proposal

This local law will prohibit the free distribution of plastic carry out bags in Suffolk County, but would also place a fee on paper bags. Our goal is to reduce waste, and the fee is designed to shift consumers to the use of reusable bags or other alternatives, by creating a disincentive which will encourage people to bring their own bag, as has happened across the world. Retailers would be authorized to sell 100% recyclable paper bags made from a minimum of 40% post-consumer recycled content for \$0.10 per bag. By banning thin plastic bags and placing a fee on paper and thicker plastic bags, Suffolk County will experience a significant increase in reusable bag use and a decrease in both plastic and paper bag use. Los Angeles found a 94% overall decrease in single-use bag use after their legislation (similar to Suffolk's with a ban on plastic and fee on paper), with a nearly 100% decrease in plastic bag use and a 25% decrease in paper bag use. Similar results in San Francisco and San Jose found that consumers did not switch to paper, but switched to reusable bags (Los Angeles DPW).

Paper grocery bags have a much higher recycling rate than plastic bags; 49.5% of paper bags are recovered for recycling vs. 1-5% nationwide for plastic bags. The rest of those plastic bags end up in landfills or as litter, where they take hundreds of years to decompose. Recycling one ton of paper saves 3.3 cubic yards of landfill space (Waste Management). Paper bags can also be easily repurposed for other uses, such as: crafts, book covers, compost /paper recycling container, and gift wrap.

Paper biodegrades even in the absence of sunlight, unlike plastic, and it doesn't pose the same choking and biological hazards for wildlife as plastic bags. Since paper naturally breakdowns, there are no massive accumulations of paper in our oceans, as there is with plastic (National Geographic).

If adopted, there will be a 12-month period before implementation of the law. Within those 12 months, the county will work to provide a comprehensive education and awareness campaign to assist the public and retailers with the shift. We need to ensure customers and retailers will have a successful transition and are fully aware of the intent of the law as well as the plastic bag alternatives available. The campaign will also highlight the pivotal role the public plays in reversing the detrimental effects these plastic bags have had on our planet in such a brief period of time, 30 years.

Closing thoughts

Decisions by local governments have boundary lines, but plastics do not. It is up to us to be good stewards of our planet and protect our resources for the next generation. Little by little, science is uncovering more information about the effects of plastic on our environment and health. It is clear through some of the findings that our plastic consumption will have substantial impacts on us for years to come. As a county that is surrounded by beaches and bays and relies on our sole source aquifer for our drinking water, this bill is critical in protecting our water resources and the health of our residents. Having a county law will cover a larger portion of our shorelines and send a strong message to other municipalities in our state and country.