



**ENVIRONMENTAL ASSOCIATES  
INC.**

*Specializing in the Assessment and Management  
of the Ecological Resources*

315 Mountain View Drive  
Kunkletown, Pennsylvania 18058  
Phone: (610) 681-6030  
Fax: (610) 681-6031  
November 30, 2020

JAN - 4 2021

**RE: LEGAL NOTIFICATION**

**Applicant: NJ American Company  
167 John F. Kennedy Parkway  
Short Hills, New Jersey 07960**

**Property: 1227 Valley Road  
Block 10411 - Lot 6.02  
Long Hill Township, Morris County, New Jersey**

I am sending you this letter to inform you that I am submitting an application for a permit or approval to the New Jersey Department of Environmental Protection (NJDEP) under the Freshwater Wetlands Protection Act Rules, N.J.A.C. 7:7A on behalf of the applicant listed above. The permit or approval will either establish the boundary of freshwater wetlands on the above property, or will authorize the applicant to conduct regulated activities on the property.

The applicant is applying for the following approval(s):

- Letter of Interpretation (establishes the official boundary line of any regulated freshwater wetlands, open waters, or transition areas on the property, and if freshwater wetlands are present, identifies their resource value)
- General permit authorization (authorizes regulated activities, such as construction or development, in wetlands and adjacent transition areas)
- Individual transition area waiver (authorizes regulated activities, such as construction or development, in areas adjacent to wetlands)
- Individual freshwater wetlands permit (authorizes regulated activities, such as construction or development, in both wetlands and adjacent transition areas)
- Open water fill permit (authorizes regulated activities, such as construction or development, in open waters)
- FHA - Verification and Individual Permit

The activities for which this application requests NJDEP approval are (I have checked all of those that apply):

- No regulated activities, just establishing where regulated wetlands (if any) are found on the above referenced property
- Cutting or clearing of trees and/or other vegetation
- Placement of pavement or other impervious surface
- Placement of one or more buildings or other structures
- Expansion of existing pavement, buildings, or other structures
- Other (describe): \_\_\_\_\_

Page 2.

If you would like to inspect a copy of this application, it is on file at the Municipal Clerk's Office in the town in which the property is located, or you can call the NJDEP at (609) 777-0454 to make an appointment to see this application at NJDEP offices in Trenton during normal business hours.

The rules governing freshwater wetlands permits and approvals are found in the NJDEP's Freshwater Wetlands Protection Act rules at N.J.A.C. 7:7A. You can view or download these rules on the NJDEP Land Use Regulation Program website at [www.state.nj.us/dep/landuse](http://www.state.nj.us/dep/landuse), or you can find a copy of these rules in the county law library at your county courthouse.

As part of the NJDEP's review of this application, NJDEP personnel may visit the subject property, and the portion of any neighboring property that lies within 150 feet of the subject property line, to perform a site inspection. This site inspection will involve only a visual inspection and possibly minor soil borings using a 4" diameter hand auger. The inspection will not result in any damage to vegetation or to property improvements.

The NJDEP welcomes any comments you may have on this application. If you wish to comment on this application, comments should be submitted to the NJDEP in writing within 15 days after you receive this letter. However, written comments will *continue to be* accepted until the NJDEP makes a decision on the application. Comments cannot be accepted by telephone. Please submit any comments you may have in writing, along with a copy of this letter, to:

New Jersey Department of Environmental Protection  
Division of Land Use Regulation  
Mail Code 501-02A; P.O. Box 420  
Trenton, New Jersey 08625  
Att: Morris County Section Chief

When the NJDEP has decided whether or not this application qualifies for approval under the Freshwater Wetlands Protection Act rules, NJDEP will notify the municipal clerk of the final decision on this application.

If you have questions about this application, you can contact Eastern States Environmental Associates, Inc. or the applicant at the address listed at the top of this notification.

Sincerely,



Edward A. Kuc  
Principal Ecologist

EAK/jmd  
CMRRR  
cc: NJDEP



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315 Mountain View Drive  
Kunkletown, Pennsylvania 18058

Phone: (610) 681-6030

Fax: (610) 681-6031

November 30, 2020

Long Hill Township Municipal Clerk  
915 Valley Road  
Gillette, New Jersey 07933

JAN - 4 2021

**RE: LEGAL NOTIFICATION**

**Applicant: NJ American Company**  
**167 John F. Kennedy Parkway**  
**Short Hills, New Jersey 07960**

**Property: 1227 Valley Road**  
**Block 10411 - Lot 6.02**  
**Long Hill Township, Morris County, New Jersey**

Dear Municipal Clerk:

I am sending you this letter to inform you that I am submitting an application for a permit or approval to the New Jersey Department of Environmental Protection (NJDEP) under the Freshwater Wetlands Protection Act Rules, N.J.A.C. 7:7A on behalf of the applicant listed above. The permit or approval will either establish the boundary of freshwater wetlands on the above property, or will authorize the applicant to conduct regulated activities on the property.

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- Cutting or clearing of trees and/or other vegetation
- Placement of pavement or other impervious surface
- Placement of one or more buildings or other structures
- Expansion of existing pavement, buildings, or other structures

Other (describe): \_\_\_\_\_

Enclosed for your records is a copy of this complete application package that is being submitted to the NJDEP pertaining to the Subject Property.

The rules governing freshwater wetlands permits and approvals are found in the NJDEP's Freshwater Wetlands Protection Act rules at N.J.A.C. 7:7A. You can view or download these rules on the NJDEP Land Use Regulation Program website at [www.state.nj.us/dep/landuse](http://www.state.nj.us/dep/landuse), or you can find a copy of these rules in the county law library at your county courthouse.

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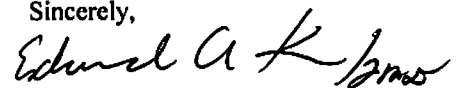
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Division of Land Use Regulation  
Mail Code 501-02A; P.O. Box 420  
Trenton, New Jersey 08625  
Att: Morris County Section Chief

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If you have questions about this application, you can contact Eastern States Environmental Associates, Inc. or the applicant at the address listed at the top of this notification.

Sincerely,



Edward A. Kuc  
Principal Ecologist

EAK/jmd  
Enclosure: Copy of Application Package  
CMRRR  
cc: NJDEP



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Kunkletown, Pennsylvania 18058  
Phone: (610) 681-6030  
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November 30, 2020

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New Jersey Department of Environmental Protection  
Division of Land Use Regulation  
Application Review Section - Wetlands  
Mail Code 501-02A; P.O. Box 420  
Trenton, New Jersey 08625

**RE: APPLICATION for FRESHWATER WETLANDS GENERAL WETLANDS PERMIT  
#10A; WETLAND TRANSITION AREA SPECIAL ACTIVITY (REDEVELOPMENT)  
WAIVER and WETLANDS LETTER OF INTERPRETATION**

**Applicant:** *New Jersey American Company*

**Property:** *Block 10411 - Lot 6.02  
Long Hill Township, Morris County, New Jersey*

**NJDEP #:** *None at present*

Dear Sir/Madam:

Acting as the agent for the referenced applicant, I am requesting that the NJDEP Land Use Regulation Program undertake all actions necessary to review the submitted application for a *Freshwater Wetlands General Permit #10A (minor driveway crossing of WTA); Wetland Transition Area Waiver - Special Activity Redevelopment and Wetlands Letter of Interpretation* pertaining to the above referenced project. Enclosed please find the following information:

1. Application fee for the amount of \$3,100.00 payable to "Treasurer - State of New Jersey".
2. NJDEP DLUR Application Form completed in accordance with the requirements of Wetlands LOI, FWGP and WTA Waiver applications.
3. Detailed written description of the proposed activity describing the Proposed Project, resulting WTA alteration, and compliance with the stipulations of the requested WTA Waiver.

**EASTERN STATES  
ENVIRONMENTAL ASSOCIATES  
INC.**

Page 2.

4. Site Plan Map which illustrates the proposed development, extent of existing development, wetlands limits and proposed WTA alteration. (5 copies)
5. USGS Quadrangle Map, County Road Map, Municipal Tax Map and County Soil Survey Map indicating the location of the Subject Project along with the coordinates of the project.
6. Color photographs of the WTA proposed for alteration.
7. Data forms detailing the vegetation, soils and hydrology characteristics along the wetland/open waters boundaries at the location of the proposed WTA alteration.
8. Certification Statement with regard to the anticipated impact which the proposed WTA alteration may have on *Helonias bullata* (Swamp Pink).
9. Certification Statement with regard to the anticipated impact which the proposed wetlands/SOW disturbance may have on *Clemmys muhlenbergi* (Bog Turtle) and other threatened and endangered species.
10. Verification of Certified Mail Notice (Return Receipt Requested) that a complete copy of this WTA Waiver application package has been forwarded to the Municipal Clerk of the referenced municipality.
11. Verification of Certified Mail Notice (Return Receipt Requested) that notification of this WTA Waiver application has been forwarded to the referenced Municipal Environmental Commission, Municipal Planning Board, Municipal Construction Official and County Planning Board.
12. List of Property Owners within 200 feet of the Subject Project along with verification of Certified Mail Notice (Return Receipt Requested) that notification of the WTA Waiver application has been forwarded to said property owners.

I will appreciate notification as to the date and time of any scheduled NJDEP field inspection of the Project Site. As the representative of the applicant with regard to this application, I wish to be present during any NJDEP field inspection of the Project Site.

**EASTERN STATES  
ENVIRONMENTAL ASSOCIATES  
INC.**

Page 3.

Thank you for your time and anticipated prompt attention given to this application. Please do not hesitate to contact my office should you have any questions concerning this application.

Sincerely,

Edward A. Kuc  
Principal Ecologist

EAK/jmd

Enclosures as listed

cc: Municipal Clerk  
Applicant  
Stires Associates



**ENVIRONMENTAL ASSOCIATES  
INC.**

**APPLICATION PACKAGE FOR  
NJDEP  
WETLANDS LETTER OF INTERPRETATION  
FRESHWATER WETLANDS GENERAL PERMIT #10A  
WETLAND TRANSITION AREA REDEVELOPMENT WAIVER**

*Facility Building Construction Project*

**Block 10411 - Lot 6.02**

**Long Hill Township**

**Morris County, New Jersey**

*Specializing in the Assessment and Management of the Ecological Resources*

315 Mountain View Drive, Kunkletown, Pennsylvania 18058  
Phone: (610) 681-6030 • Fax: (610) 681-6031





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**APPLICATION PACKAGE FOR  
NJDEP  
WETLANDS LETTER OF INTERPRETATION  
FRESHWATER WETLANDS GENERAL PERMIT #10A  
WETLAND TRANSITION AREA REDEVELOPMENT WAIVER**

*Facility Building Construction Project*

**Block 10411 - Lot 6.02**

**Long Hill Township**

**Morris County, New Jersey**

*Prepared For:*

**New Jersey American Water Company**

**167 John F. Kennedy Parkway  
Short Hills, New Jersey 07980**

*Prepared By:*

**Eastern States Environmental Associates, Inc.**

**November 30, 2020**

**NJDEP  
WETLANDS LOI, FRESHWATER WETLANDS GENERAL PERMIT,  
WTA WAIVER**

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INC.**

Page 1.

# **SECTION I**

**NJDEP DIVISION OF LAND USE REGULATION  
APPLICATION FORM**



**State of New Jersey**  
**Department of Environmental Protection**  
**Division of Land Use Regulation**  
**Application Form for Permit(s)/Authorization(s)**  
 501 E. State Street Mail Code 501-02A P.O. Box 420  
 Trenton, NJ 08625-0420  
 Phone #: (609) 777-0454 Web: www.nj.gov/dep/landuse



Please print legibly or type the following: Complete all sections and pages unless otherwise noted. Is this project a NJDOT Priority 1 Repair Project? Yes  No

Initial Application  Response to DLUR Deficiency  Extension / Modification

Is this project a NJDOT Priority 2 Repair Project? Yes  No

1. Applicant Name: New Jersey American Water Company, Inc./c.o. - Laura Norkute E-Mail: Laura.Norkute@amwater.com  
 Address: 167 John F. Kennedy Parkway Daytime Phone: (973)-564-5759 Ext. \_\_\_\_\_  
 City/State: Short Hills, NJ Zip Code: 07980 Cell Phone: 908-645-2218

2. Agent Name: Mr./Ms./Mrs Edward A. Kuc E-Mail: ESEA@PTD.NET  
 Firm Name: Eastern States Environmental Associates, Inc. Daytime Phone: (610) 681-6030 Ext. \_\_\_\_\_  
 Address: 315 Mountain View Drive Zip Code: 18058 Cell Phone: (570) 350-4856  
 City/State: Kunkletown, PA

3. Property Owner: New Jersey American Water Company, Inc./c.o. - Laura Norkute E-Mail: Laura.Norkute@amwater.com  
 Address: 167 John F. Kennedy Parkway Daytime Phone: (973)-564-5759 Ext. \_\_\_\_\_  
 City/State: Short Hills, NJ Zip Code: 07980 Cell Phone: 908-645-2218

4. Project Name: Long Hill Township Sewer Plant Upgrades Address/Location: 1227 Valley Road  
 Municipality: Long Hill Township County: Morris Zip Code: 07980  
 Block(s): 10411 Lot(s): 6.02  
 N.A.D. 1983 State Plane Coordinates (feet) E(x): 494785 N(y): 666915 Not Longitude/Latitude  
 Watershed: PASSAIC RIVER Subwatershed: PASSAIC RIVER  
 Nearest Waterway: Passaic River

5. Project Description: Construction of New Equipment Building for Storage, Construction of Driveway to Equipment Building

Provide if applicable: Previous LUR File # (s): \_\_\_\_\_ Waiver request ID # (s): \_\_\_\_\_

**A. SIGNATURE OF APPLICANT (required):**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining and preparing the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for knowingly submitting false information, including the possibility of fine and imprisonment. If the applicant is an organization such as a corporation, municipal entity, home-owners association etc., the party responsible for the application shall sign on behalf of the organization.

Laura Norkute  
 Signature of Applicant  
11/13/2020  
 Date  
Laura Norkute  
 Print Name

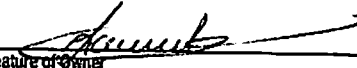
\_\_\_\_\_  
 Signature of Applicant  
 \_\_\_\_\_  
 Date  
 \_\_\_\_\_  
 Print Name

**B. PROPERTY OWNER'S CERTIFICATION**

I hereby certify that the undersigned is the owner of the property upon which the proposed work is to be done. This endorsement is certification that the owner/easement holder grants permission for the conduct of the proposed activity. In addition, written consent is hereby given to allow access to the site by representatives or agents of the Department for the purpose of conducting a site inspection(s) or survey(s) of the property in question.

In addition, the undersigned property owner hereby certifies:

1. Whether any work is to be done within an easement? Yes  No   
(If answer is 'Yes' - Signature/title of responsible party is required below)
2. Whether any part of the entire project will be located within property belonging to the State of New Jersey? Yes  No
3. Whether any work is to be done on any property owned by any public agency that would be encumbered by Green Acres? Yes  No
4. Whether this project requires a Section 106 (National Register of Historic Places) Determination as part of a federal approval? Yes  No

  
Signature of Owner  
11/13/2020  
Date  
Laura Norkute  
Print Name

\_\_\_\_\_  
Signature of Owner/Easement Holder  
\_\_\_\_\_  
Date  
\_\_\_\_\_  
Print Name/Title

**C. APPLICANT'S AGENT**

Laura Norkute, the Applicant/Owner and \_\_\_\_\_, co-Applicant/Owner authorize to act as my agent/representative in all matters pertaining to my application the following person:

Edward A. Kuc  
Name of Agent

  
Signature of Applicant/Owner

Principal Ecologist, Eastern States Environmental Associates, Inc.  
Occupation/Profession of Agent

\_\_\_\_\_  
Signature of co-Applicant/Owner

**AGENT'S CERTIFICATION:**

I agree to serve as agent for the above-referenced applicant:

  
Signature of Agent

Eastern States Environmental Associates, Inc.  
Name of Firm

**D. STATEMENT OF PREPARER OF PLANS, SPECIFICATIONS, SURVEYOR'S OR ENGINEER'S REPORT**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining and preparing the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for knowingly submitting false information, including the possibility of fine and imprisonment.

  
Signature  
Richard C. Mathews  
Print Name

VP, Stires Associates P.A.

Position & Name of Firm

NJPLS #29353

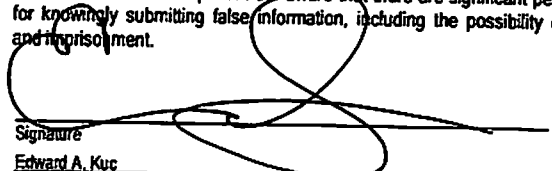
Professional License #

11/13/20

Date

**E. STATEMENT OF PREPARER OF APPLICATION, REPORTS AND/OR SUPPORTING DOCUMENTS (other than engineering)**

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining and preparing the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for knowingly submitting false information, including the possibility of fine and imprisonment.

  
Signature  
Edward A. Kuc  
Print Name

Principal Ecologist, Eastern States Environmental Associates, Inc.

Position & Name of Firm

Professional License #

11/30/2020

Date

**FEE CALCULATION TIPS:**

- Whenever the calculation requires an acreage figure (including the Stormwater calculations), you will need to round UP to the nearest whole number, for example: 0.25 acres gets rounded up to one (1) acre or 2.61 acres gets rounded up to three (3) acres.
- The maximum fee for a CAFRA Individual permit, an Upland Waterfront Development permit, or an In-Water Waterfront Development permit is \$30,000 per permit type. For example: if you are applying for both an upland and an in-water Waterfront Development the maximum fee is applied to each permit for a maximum total of \$60,000 plus any applicable stormwater review fee.
- The stormwater review fee is applied only one time per project, maximum of \$20,000, regardless of multiple applications.

APPLICATION(S) FOR: Please check each permit/authorization that you are applying for and fill in the calculated fee (for each) in the "Fee Paid" column

	Coastal General Permits	Fee Amount	Fee Paid
<input type="checkbox"/>	CZMGP1 Amusement Pier Expansion	\$1,000.00	
<input type="checkbox"/>	CZMGP2 Beach/Dune Activities	\$1,000.00	
<input type="checkbox"/>	CZMGP3 Voluntary Reconstruction Certain Residential/Commercial Dev.	\$1,000.00	
<input type="checkbox"/>	CZMGP4 Development of one or two SFH or Duplexes	\$1,000.00	
<input type="checkbox"/>	CZMGP5 Expansion or Reconstruction SFH/Duplex	\$1,000.00	
<input type="checkbox"/>	CZMGP6 New Bulkhead/Fill Lagoon	\$1,000.00	
<input type="checkbox"/>	CZMGP7 Revetment at SFH/Duplex	\$1,000.00	
<input type="checkbox"/>	CZMGP8 Gabions at SFH/Duplex	\$1,000.00	
<input type="checkbox"/>	CZMGP9 Support Facilities at a Marina	\$1,000.00	
<input type="checkbox"/>	CZMGP10 Reconstruction of Existing Bulkhead	\$1,000.00	
<input type="checkbox"/>	CZMGP11 Hazard Waste Clean-up	\$1,000.00	
<input type="checkbox"/>	CZMGP12 Landfill of Utilities	\$1,000.00	
<input type="checkbox"/>	CZMGP13 Recreation Facility at Public Park	\$1,000.00	
<input type="checkbox"/>	CZMGP14 Bulkhead Construction & Fill Placement	\$1,000.00	
<input type="checkbox"/>	CZMGP15 Construction of Piers/Docks/Ramps in Lagoons	\$1,000.00	
<input type="checkbox"/>	CZMGP16 Minor Maintenance Dredging in Lagoons	\$1,000.00	
<input type="checkbox"/>	CZMGP17 Eroded Shoreline Stabilization	\$1,000.00	
<input type="checkbox"/>	CZMGP18 Avian Nesting Structures	\$1,000.00	
<input type="checkbox"/>	CZMGP19 Modification of Electrical Substations	\$1,000.00	
<input type="checkbox"/>	CZMGP20 Legalization of the Filing of Tidelands	\$1,000.00	
<input type="checkbox"/>	CZMGP21 Construction of Telecommunication Towers	\$1,000.00	
<input type="checkbox"/>	CZMGP22 Construction of Tourism Structures	\$1,000.00	
<input type="checkbox"/>	CZMGP23 Geotechnical Survey Borings	\$1,000.00	
<input type="checkbox"/>	CZMGP24 Habitat Creation, Restoration, Enhancement, Living Shorelines	No Fee	No Fee
<input type="checkbox"/>	CZMGP25 1 to 3 Turbines < 200 Feet	\$1,000.00	
<input type="checkbox"/>	CZMGP26 Wind Turbines < 250 Feet	\$1,000.00	
<input type="checkbox"/>	CZMGP27 Dredge Lagoon (post storm event)	\$1,000.00	
<input type="checkbox"/>	CZMGP28 Dredge post Bulkhead Failure	\$1,000.00	
<input type="checkbox"/>	CZMGP29 Dredge Marina (post storm event)	\$1,000.00	
<input type="checkbox"/>	CZMGP30 Aquaculture Activities	\$1,000.00	
<input type="checkbox"/>	CZMGP31 Placement of Shell (shellfish areas)	\$1,000.00	
<input type="checkbox"/>	CZMGP32 Application of Herbicide in Coastal Wetlands	\$1,000.00	
<input type="checkbox"/>	CZM Permit-by-Certification (On-line application ONLY)	\$1000.00	

	Coastal Individual Permits	Fee Amount	Fee Paid
<input type="checkbox"/>	CAFRA - IP SFH or Duplex	\$2,000	
<input type="checkbox"/>	CAFRA - IP Residential not SFH/duplex	\$3,000 x _____ # of units	
<input type="checkbox"/>	CAFRA - IP Commercial, Industrial or Public	\$3,000 x _____ acres of the site	
<input type="checkbox"/>	WFD - IP SFH or Duplex (Upland/Landward of MHWL)	\$2,000	
<input type="checkbox"/>	WFD - IP Residential not SFH/duplex (Upland/Landward of MHWL)	\$3,000 x _____ # of units	
<input type="checkbox"/>	WFD - IP Commercial, Industrial or Public Development (Upland/Landward of MHWL)	\$3,000 x _____ acres of the site	
<input type="checkbox"/>	WFD - IP SFH or Duplex (Waterward of MHWL)	\$2,000	
<input type="checkbox"/>	WFD - IP Residential not SFH/duplex (Waterward of MHWL)	\$3,000 x _____ acres of water area impacted	
<input type="checkbox"/>	WFD - IP Commercial, Industrial or Public Development (Waterward of MHWL)	\$3,000 x _____ acres of water area impacted	
<input type="checkbox"/>	CSW - IP SFH or Duplex	\$2,000	
<input type="checkbox"/>	CSW - IP All Development not SFH/duplex	\$3,000 x _____ acres of wetlands disturbed	

	Additional Coastal Authorizations	Fee Amount	Fee Paid
<input type="checkbox"/>	Modification of a Coastal GP	\$500	
<input type="checkbox"/>	Minor Technical Modification of a Coastal Wetland Permit	\$500 x _____ # of items to be revised	
<input type="checkbox"/>	Minor Technical Modification of a CAFRA IP	\$500 x _____ # of items to be revised	
<input type="checkbox"/>	Minor Technical Modification of a Waterfront IP	\$500 x _____ # of items to be revised	
<input type="checkbox"/>	Major Technical Modification of a Coastal Wetland Permit	0.30 x _____ original fee = Fee (Minimum \$500)	
<input type="checkbox"/>	Major Technical Modification of a CAFRA IP	0.30 x _____ original fee = Fee (Minimum \$500)	
<input type="checkbox"/>	Major Technical Modification of a Waterfront IP	0.30 x _____ original fee = Fee (Minimum \$500)	
<input type="checkbox"/>	Zone Letter (Waterfront Development Exemption)	\$500	
<input type="checkbox"/>	CAFRA Exemption Request	\$500	
<input type="checkbox"/>	CZM General Permit Extension	\$240 x _____ # of GPs to be extended	
<input type="checkbox"/>	Waterfront Development Individual Permit - Extension (Waterward of MHWL)	0.25 x _____ original fee = Fee (Maximum \$3,000)	
<input type="checkbox"/>	Meadowlands District Water Quality Certificate	\$5,000 + (\$2,500 x _____ # acres regulated area disturbed)	
<input type="checkbox"/>	Individual Permit Equivalency/CERCLA	No Fee	No Fee

	Consistency Determination	Fee Amount	Fee Paid
<input type="checkbox"/>	Water Quality Certificate (NOTE: No fee required under the coastal program)	\$5,000 + (\$2,500 x _____ # acres regulated area disturbed)	
<input type="checkbox"/>	Federal Consistency	No Fee	No Fee

APPLICATION(S) FOR: Please check each permit/authorization that you are applying for and fill in the calculated fee (for each) in the "Fee Paid" column

Freshwater Wetlands General Permits		Fee Amount	Fee Paid
<input type="checkbox"/>	FWGP1 Main. & Repair Exst Feature	\$1,000.00	
<input type="checkbox"/>	FWGP2 Underground Utility Lines	\$1,000.00	
<input type="checkbox"/>	FWGP3 Discharge of Return Water	\$1,000.00	
<input type="checkbox"/>	FWGP4 Hazard Site Invest/Cleanup	\$1,000.00	
<input type="checkbox"/>	FWGP5 Landfill Closures	\$1,000.00	
<input type="checkbox"/>	FWGP6 Filling of Non-Tributary Wetlands	\$1,000.00	
<input type="checkbox"/>	FWGP6A TA Adj. to Non-Tributary Wetlands	\$1,000.00	
<input type="checkbox"/>	FWGP7 Human-made Ditches/Swales In Headwaters	\$1,000.00	
<input type="checkbox"/>	FWGP8 House Additions	\$1,000.00	
<input type="checkbox"/>	FWGP9 Airport Sight-line Clearing	\$1,000.00	
<input checked="" type="checkbox"/>	FWGP10A Very Minor Road Crossings	\$1,000.00	1000.00
<input type="checkbox"/>	FWGP10B Minor Road Crossings	\$1,000.00	
<input type="checkbox"/>	FWGP11 Outfalls / Intakes Structures	\$1,000.00	
<input type="checkbox"/>	FWGP12 Surveying and Investigating	\$1,000.00	
<input type="checkbox"/>	FWGP13 Lake Dredging	\$1,000.00	
<input type="checkbox"/>	FWGP14 Water Monitoring Devices	\$1,000.00	
<input type="checkbox"/>	FWGP15 Mosquito Control Activities	\$1,000.00	
<input type="checkbox"/>	FWGP16 Creation/Restoration/Enhancement Habitat	No Fee	No Fee
<input type="checkbox"/>	FWGP17 Trails / Boardwalks	\$1,000.00	
<input type="checkbox"/>	FWGP17A Non-Motorized Multi-Use Paths	\$1,000.00	
<input type="checkbox"/>	FWGP18 Dam Repairs	\$1,000.00	
<input type="checkbox"/>	FWGP19 Docks and Piers	\$1,000.00	
<input type="checkbox"/>	FWGP20 Bank Stabilization	\$1,000.00	
<input type="checkbox"/>	FWGP21 Above Ground Utility Lines	\$1,000.00	
<input type="checkbox"/>	FWGP22 Expansion Cranberry Growing (Pinelands)	No Fee	No Fee
<input type="checkbox"/>	FWGP23 Spring Developments	\$1,000.00	
<input type="checkbox"/>	FWGP24 Malfunctioning Individual Septic Systems	No Fee	No Fee
<input type="checkbox"/>	FWGP25 Minor Channel / Stream Clearing	\$1,000.00	
<input type="checkbox"/>	FWGP26 Redevelop Previously Disturbed Site	\$1,000.00	
<input type="checkbox"/>	FWGP27 Application of herbicide in wetlands	\$1,000.00	

Freshwater Individual Permits		Fee Amount	Fee Paid
<input type="checkbox"/>	FWW IP-SFH/Duplex-Wetlands	\$2,000	
<input type="checkbox"/>	FWW IP-Wetlands (not SFH/Duplex)	\$5,000 + (\$2,500 x # acres FWW disturbed)	
<input type="checkbox"/>	FWW IP-SFH/Duplex-Open Water	\$2,000	
<input type="checkbox"/>	FWW IP-Open Water (not SFH/Duplex)	\$5,000 + (\$2,500 x # acres FWW disturbed)	

Freshwater Wetlands Transition Area Waivers		Fee Amount	Fee Paid
<input type="checkbox"/>	TAW Averaging Plan	With valid LOI \$1,000 + (\$100 x # acres TA disturbed)	
<input type="checkbox"/>	TAW Hardship Reduction		
<input type="checkbox"/>	TAW Reduction per N.J.A.C. 7:7A-8.1(d)		
<input type="checkbox"/>	TAW Special Activity Individual Permit		
<input type="checkbox"/>	TAW Special Activity Linear Development	Without valid LOI \$1,000 + (\$100 x acres TA disturbed) + LOI Fee	
<input checked="" type="checkbox"/>	TAW Special Activity Redevelopment		1100.00
<input type="checkbox"/>	TAW Special Activity Stormwater		

Letter of Interpretation		Fee Amount	Fee Paid
<input type="checkbox"/>	LOI Presence Absence	\$1,000.00	
<input checked="" type="checkbox"/>	LOI Footprint of Disturbance (3 Maximum)	\$1,000.00 each	1000.00
<input type="checkbox"/>	LOI Delineation < 1.00 Acres	\$1,000.00	
<input type="checkbox"/>	LOI Verification	\$1,000 + (\$100 x # of acres of the site)	
<input type="checkbox"/>	LOI Partial Site Verification	\$1,000 + (\$100 x # of acres of the site subject to LOI)	
<input type="checkbox"/>	LOI Extension Presence/Absence, Footprint, Delineation < 1 acre (Re-issuance)	\$500	
<input type="checkbox"/>	LOI Extension Line Verification (Re-issuance)	0.50 x original fee (Minimum \$500)	

Additional Freshwater Wetlands Authorizations		Fee Amount	Fee Paid
<input type="checkbox"/>	FWGP Administrative Modification	No fee	No Fee
<input type="checkbox"/>	FWGP Minor technical modification	\$500.00	
<input type="checkbox"/>	FWGP Major technical modification	\$500.00	
<input type="checkbox"/>	Individual Permit Administrative Modification	No Fee	No Fee
<input type="checkbox"/>	Individual Permit Minor Technical Modification	\$500.00	
<input type="checkbox"/>	Individual Permit Major Technical Modification	0.30 x original fee (Minimum \$500)	
<input type="checkbox"/>	TAW Administrative Modification	No Fee	No Fee
<input type="checkbox"/>	TAW Minor Technical Modification	\$500.00	
<input type="checkbox"/>	TAW Major Technical Modification	0.30 x original fee (Minimum \$500)	
<input type="checkbox"/>	FWGP Extension	\$500 x # of items to be extended	
<input type="checkbox"/>	Individual Permit/Open Water Permit Extension	0.30 x original fee (Minimum \$500)	
<input type="checkbox"/>	TAW Extension	\$500 x # of items to be extended	
<input type="checkbox"/>	Freshwater Wetlands Exemption	\$500.00	
<input type="checkbox"/>	TAW Exemption	\$500.00	
<input type="checkbox"/>	Permit Equivalency/CERCLA	No Fee	No Fee

Highlands		Fee Amount	Fee Paid
<input type="checkbox"/>	Pre-application Meeting	\$500.00	
<input type="checkbox"/>	Resource Area Determination Boundary Delineation < one acre	\$500.00	
<input type="checkbox"/>	Resource Area Footprint of Disturbance	\$500 + (\$50 x # of acres of the site)	
<input type="checkbox"/>	Resource Area Determination Verification (> one acre)	\$750 + (\$100 x # of acres of the site)	
<input type="checkbox"/>	Resource Area Determination Extension	0.25 x original fee (Minimum \$250)	
<input type="checkbox"/>	HPAAGP 1/ Habitat Creation/Enhance	No Fee	No Fee
<input type="checkbox"/>	HPAAGP 2 Bank Stabilization	\$500.00	
<input type="checkbox"/>	Preservation Area Approval (PAA)		
<input type="checkbox"/>	PAA with Waiver (Specify type below)		
Waiver Type:			

APPLICATION(S) FOR: Please check each permit/authorization that you are applying for and fill in the calculated fee (for each) in the "Fee Paid" column

	Flood Hazard Area General Permits	Fee Amount	Fee Paid
<input type="checkbox"/>	FHAGP1 Channel Clean w/o Sediment Removal	No Fee	
<input type="checkbox"/>	FHAGP1 Channel Clean w/Sediment Removal	No Fee	
<input type="checkbox"/>	FHAGP2 Mosquito Control	\$1,000.00	
<input type="checkbox"/>	FHAGP3 Scour Protection Bridges/Culverts	\$1,000.00	
<input type="checkbox"/>	FHAGP4 Creation/Restoration/Enhancement of Habitat and Water Quality Values and Functions	No Fee	
<input type="checkbox"/>	FHAGP5 Reconstruction and/or Elevation of Building in a Floodway	No Fee	
<input type="checkbox"/>	FHAGP6 Construction of One SFH/Duplex and Driveway	\$1,000.00	
<input type="checkbox"/>	FHAGP7 Relocation of Manmade Roadside Ditches for Public Roadway Improvements	\$1,000.00	
<input type="checkbox"/>	FHAGP8 Placement of Storage Tanks	\$1,000.00	
<input type="checkbox"/>	FHAGP9 Construction/Reconstruction of Bridge/Culvert Across Water < 50 Acres	\$1,000.00	
<input type="checkbox"/>	FHAGP10 Construction/Reconstruction of Bridge/Culvert Across Water > 50 Acres	\$1,000.00	
<input type="checkbox"/>	FHAGP11 Stormwater Outfall Along Regulated Water < 50 Acres	\$1,000.00	
<input type="checkbox"/>	FHAGP12 Construction of Footbridges	\$1,000.00	
<input type="checkbox"/>	FHAGP13 Construction of Trails and Boardwalks	\$1,000.00	
<input type="checkbox"/>	FHAGP14 Application of herbicide in riparian zone	\$1,000.00	

	Additional Flood Hazard Area Authorizations	Fee Amount	Fee Paid
<input type="checkbox"/>	FHA Hardship Exception Request	\$4,000	
<input type="checkbox"/>	FHA GP Administrative Modification	No Fee	No Fee
<input type="checkbox"/>	FHA GP Minor technical modification	\$500 x _____ # of project elements to be revised	
<input type="checkbox"/>	FHA GP Major technical modification	0.30 x _____ original fee (Minimum \$500)	
<input type="checkbox"/>	FHA Individual Permit Administrative Modification	No Fee	No Fee
<input type="checkbox"/>	FHA Individual Permit Minor Technical Modification	\$500 x _____ # of project elements to be revised	
<input type="checkbox"/>	FHA Individual Permit Major Technical Modification	0.30 x _____ original fee (Minimum \$500)	
<input type="checkbox"/>	FHA Verification Administrative Modification	No Fee	No Fee
<input type="checkbox"/>	FHA Verification Minor Technical Modification	\$500 x _____ # of project elements to be revised	
<input type="checkbox"/>	FHA Verification Major Technical Modification	0.30 x _____ original fee (Minimum \$500)	
<input type="checkbox"/>	FHA GP Extension	\$240	
<input type="checkbox"/>	FHA Individual Permit Extension	0.25 x _____ original fee	
<input type="checkbox"/>	FHA Verification Extension of Methods 1, 2, 3, 5, or Riparian Zone Only	\$240	
<input type="checkbox"/>	FHA Verification Extension of Methods 4 or 6	0.25 x _____ original fee	
<input type="checkbox"/>	FHA Individual Permit Equivalency/CERCLA	No Fee	No Fee
<input type="checkbox"/>	FHA GP Administrative Modification	No Fee	No Fee

	Flood Hazard Area Individual Permits	Fee Amount	Fee Paid
<input type="checkbox"/>	FHA - IP SFH and/or Accessory Structures	\$2,000	
<input type="checkbox"/>	Individual Permit ( Fee is calculated by adding the base fee to the specific elements below)	\$3,000 Base Fee	
	FHA - IP Utility*	+( \$1,000 x _____ # of water crossings)	
	FHA - IP Bank/Channel (No Calculation Review) *	+\$1,000	
	FHA - IP Bank/Channel (With Calculation Review) *	+( \$4,000 + (\$400 x _____ per 100 linear ft.))	
	FHA - IP Bridge/Culvert/Footbridge/Low Dam (No Calculation Review)*	+( \$1,000 x _____ # of structures)	
	FHA - IP Bridge/Culvert/Footbridge/Low Dam (With Calculation Review) *	+( \$4,000 x _____ # of structures)	
	FHA - Review of Flood Storage Displacement (net fill) Calculations*	+\$4,000	
	<b>Total</b>	<b>IP Review Fee</b>	

	Stormwater Review Fee (Maximum Fee = \$20,000)	Fee Amount (Round UP to the nearest whole number)	Fee Paid
<input type="checkbox"/>	Stormwater Review ( Fee is calculated by adding the base fee to the specific elements below)	\$3,000 Base Fee	
	Review of Groundwater Calculations	+\$250 x _____ # acres disturbed	
	Review of Runoff Quantity Calculations	+\$250 x _____ # acres disturbed	
	Review of Water Quality Calculations	+\$250 x _____ # acres impervious surface	
	<b>Total</b>	<b>Stormwater Review Fee</b>	

	Flood Hazard Area Verifications	Fee Amount	Fee Paid
<input type="checkbox"/>	Verification- Delineation of Riparian Zone Only	\$1,000	
<input type="checkbox"/>	Verification-Method 1 (DEP Delineation) *	\$1,000	
<input type="checkbox"/>	Verification-Method 2 (FEMA Tidal Method) *	\$1,000	
<input type="checkbox"/>	Verification-Method 3 (FEMA Fluvial Method) *	\$1,000	
<input type="checkbox"/>	Verification-Method 4 (FEMA Hydraulic Method)	\$4,000 + (\$400 x _____ per 100 linear feet)	
<input type="checkbox"/>	Verification-Method 5 (Approximation Method)	\$1,000	
<input type="checkbox"/>	Verification-Method 6 (Calculation Method)	\$4,000 + (\$400 x _____ per 100 linear feet)	

	Applicability Determination	Fee Amount	Fee Paid
<input type="checkbox"/>	Coastal Applicability Determination	No Fee	No Fee
<input type="checkbox"/>	Flood Hazard Applicability Determination	No Fee	No Fee
<input type="checkbox"/>	Highlands Jurisdictional Determination	No Fee	No Fee
<input type="checkbox"/>	Executive Order 215	No Fee	No Fee

TOTAL FEE: 3100.00  
CHECK NUMBER: 05253

\*Fee not applicable to (1) SFH

\*Fee not applicable to (1) SFH



APPLICANT NAME: \_\_\_\_\_

FILE # (if known): \_\_\_\_\_

**APPLICATION FORM - APPENDIX I**

**Section 1:** Please provide the following information for the overall project site. All area measurements shall be recorded in acres to the nearest thousandth (0.001 acres).

<u>PROPOSED:</u>	<u>PRESERVED</u>	<u>UNDISTURBED</u>	<u>DISTURBED</u>
RIPARIAN ZONE	_____	_____	_____
CZMRA FORESTED (CZMRA IP - Only)	_____	_____	_____
E & THABITAT Endangered and/or Threatened	_____	_____	_____
FRESHWATER WETLANDS	_____	_____	_____

**Section 2:** Please provide the following information for each permit/authorization requested pursuant to the Freshwater Wetlands Protection Act. All area measurements shall be recorded in acres to the nearest thousandth (0.001 acres). Use additional sheets if necessary

PERMIT TYPE	WETLAND TYPE <i>Emergent, Forest, Shrub, Etc.</i>	RESOURCE CLASSIFICATION <i>Ordinary, Intermediate, Exceptional, EPA, Etc.</i>
<u>FWGP10A</u>	<u>DISTURBED</u>	<u>EXCEPTIONAL</u>

<u>PROPOSED DISTURBANCE:</u>	<u>WETLANDS</u>	<u>TRANSITION AREA</u>	<u>SOW</u>
FILLED	_____	<u>0.059</u>	_____
EXCAVATED	_____	_____	_____
CLEARED	_____	_____	_____
TEMPORARY DISTURBANCE	_____	_____	_____

PERMIT TYPE	WETLAND TYPE <i>Emergent, Forest, Shrub, Etc.</i>	RESOURCE CLASSIFICATION <i>Ordinary, Intermediate, Exceptional, EPA, Etc.</i>
<u>WTAW</u> <u>REGROWTH/RENT</u>	<u>DISTURBED</u>	<u>EXCEPTIONAL</u>

<u>PROPOSED DISTURBANCE:</u>	<u>WETLANDS</u>	<u>TRANSITION AREA</u>	<u>SOW</u>
FILLED	_____	<u>0.004</u>	_____
EXCAVATED	_____	_____	_____
CLEARED	_____	_____	_____
TEMPORARY DISTURBANCE	_____	_____	_____

# **SECTION II**

## **OVERVIEW OF APPLICATION**

## **OVERVIEW OF APPLICATION**

### **NJDEP DLUR FILE#:**

- None at present

### **PROJECT NAME AND PROPERTY DESIGNATION:**

- NJAW Facility Building Construction  
Block 10411 - Lot 6.02

### **MUNICIPALITY:**

- Long Hill Township, Morris County, New Jersey

### **WATERSHED - DRAINAGE BASIN:**

- Upper Passaic River Sub-Watershed; Upper Passaic River Watershed; Passaic River  
Drainage Basin

### **NEAREST WATERCOURSE:**

- Passaic River

**PROPOSED WETLAND and ASSOCIATED WTA ALTERATION:**

- ***FWGP #10A - Driveway Within WTA (existing lawn)***  
Wetland Transition Area Alteration: 2,569 sf (0.059 acre)
- ***WTA Special Activity Redevelopment Waiver (building construction)***  
Wetland Transition Area Redevelopment: 160 sf (0.004 acre)

**WETLAND RESOURCE VALUE RELEVANT TO WETLANDS/WTA DISTURBANCE:**

- Adjacent wetlands                      Exceptional Resource Value

# **SECTION III**

## **PROJECT DESCRIPTION and COMPLIANCE STATEMENT**

**PROJECT DESCRIPTION and COMPLIANCE STATEMENT**

***New Jersey American Water Company - Facility Building Construction***

**Block 10411 - Lot 6.02  
Long Hill Township, Morris County, New Jersey**

The proposed project includes the construction of an additional building within the existing water treatment facility. The proposed building construction will occur within a presently disturbed portion of the property. The footprint of the proposed building includes an existing building foundation along with maintained lawn. A new driveway will connect this building to the internal circulation road. The location of the proposed drive presently consists of maintained lawn. Given the extent, location and configuration of the wetlands associated with the property along with the extent of WTA, it is determined that the majority of the property consists of WTA. The WTA to be impacted by the proposed building construction consists entirely of maintained lands. The proposed project is illustrated in detail on the provided Site Plan Maps.

The limits of the wetlands associated with the property were delineated in September of 2020 by Eastern States Environmental Associates, Inc (ESEA). It is anticipated that the wetlands associated with the property will be classified as exceptional resource value due to the known occurrence of the Indiana Bat (Federal and State Endangered) in the general area. Given the extent, location and configuration of wetlands associated with the property along with the extent of WTA, it is determined that the majority of the property consists of WTA, inclusive of all present improvements.

***FRESHWATER WETLANDS GENERAL PERMIT #10A APPLICATION:***

A portion of the proposed driveway connecting the proposed building to the internal circulation road will inevitably be constructed within a WTA given the extent and configuration of WTA on the property. The location of this proposed driveway presently consists of maintained lawn. The jurisdictional area alteration associated with the proposed driveway includes the following specifications:

<b>Wetland Alteration:</b>	0 sf
<b>Wetland Transition Area Alteration:</b>	2,569 sf (0.059 acre)

The proposed driveway extension/widening within the WTA complies with all stipulations of an NJDEP FWGP #10A as follows:

***COMPLIANCE WITH FWGP#10A (Short Crossing Scenario) STIPULATIONS:***

The proposed driveway reconfiguration and resulting WTA disturbance complies with all stipulations of an NJDEP FWGP #10A (Short Crossing Scenario) as follows:

1. The project and resulting WTA disturbance complies with all general standards and conditions for all FWGP authorizations.
2. The proposed driveway will not result in any disturbance to wetlands. The driveway will only include WTA which presently consist of maintained lawn.
3. Permanent disturbance to WTA is *60 feet* at the longest point.
4. Permanent disturbance to WTA is *2,569sf (0.059ac)* which is less than 0.125 acre.
5. Cross drains or other devises are incorporated to ensure that the roadway crossing does not alter hydrology of the wetlands or waters on either side of the crossing.





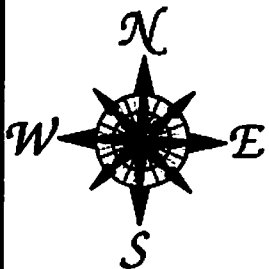
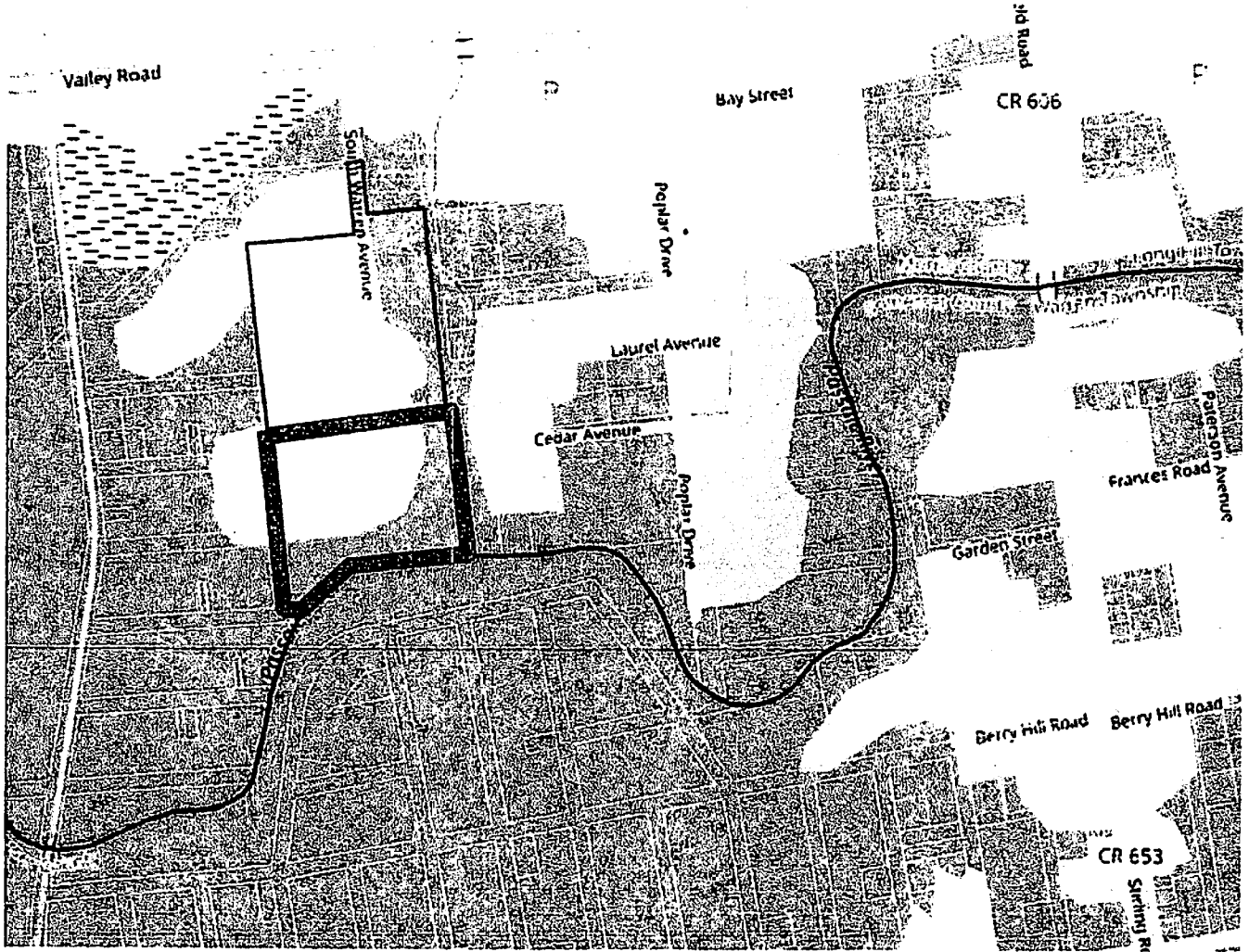
**EASTERN STATES  
ENVIRONMENTAL ASSOCIATES  
INC.**

Page 15.

3. The proposed WTA Redevelopment will occur on a significantly disturbed area legally existing prior to July 1, 1989
4. The proposed WTA Redevelopment will not result in the expansion of disturbed areas.

# **SECTION IV**

## **FIGURES**



**FIGURE #1  
GENERAL LOCATION  
ROAD MAP**

**Data Source:**

Morris County,  
New Jersey

NJ GeoWeb

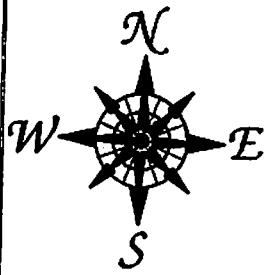
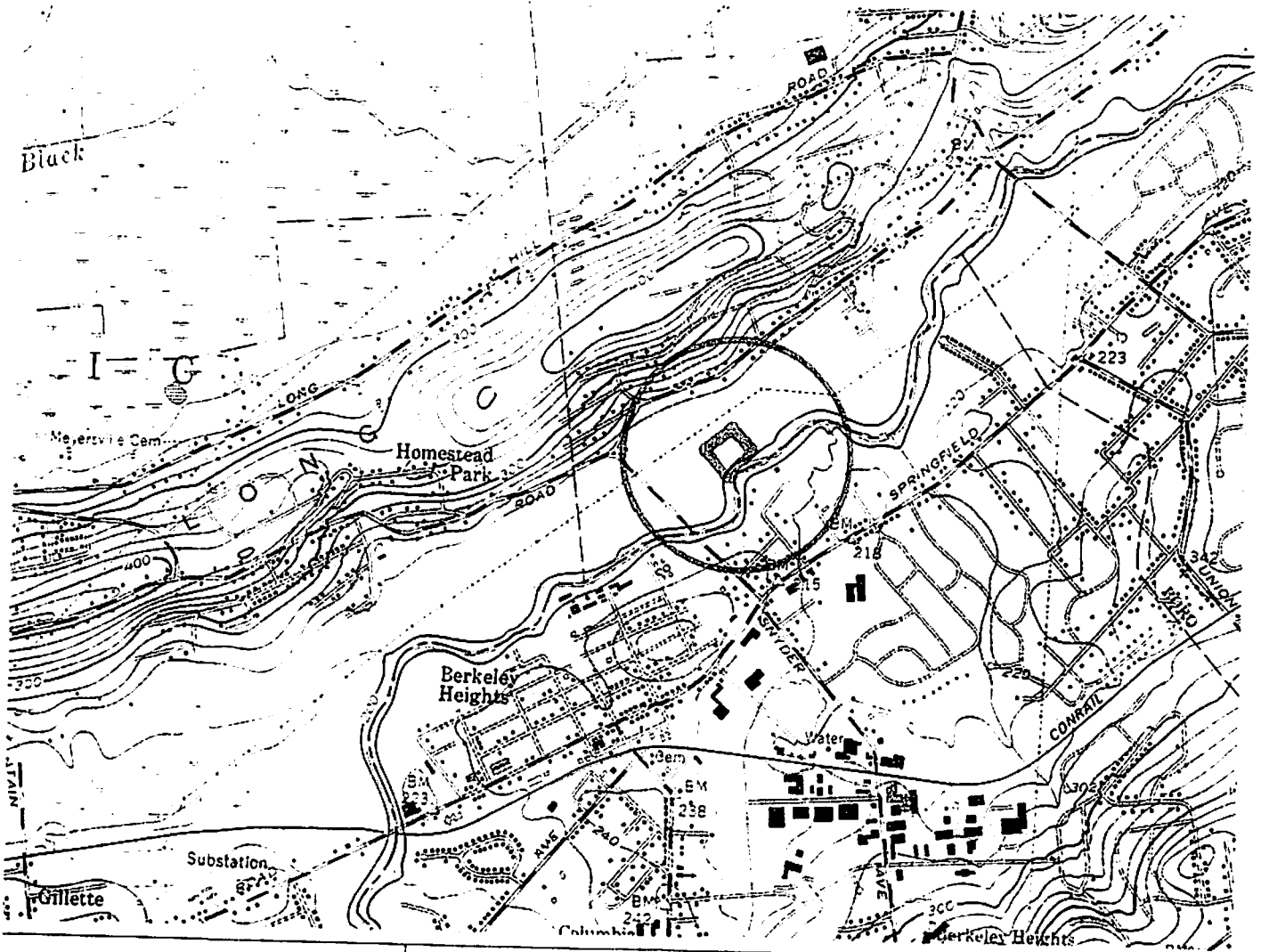
Scale 1" = 750'



**ENVIRONMENTAL ASSOCIATES  
INC.**

315 Mountain View Drive  
Kunkletown, PA 18058

Phone: (610) 681-6030  
Fax: (610) 681-6031



**FIGURE #2  
GENERAL LOCATION  
USGS MAP**

**Data Source:**

USGS Quadrangle Map,  
Chatham, New Jersey

*Coordinates of Center  
of Property:*

494743 feet East  
667028 feet North

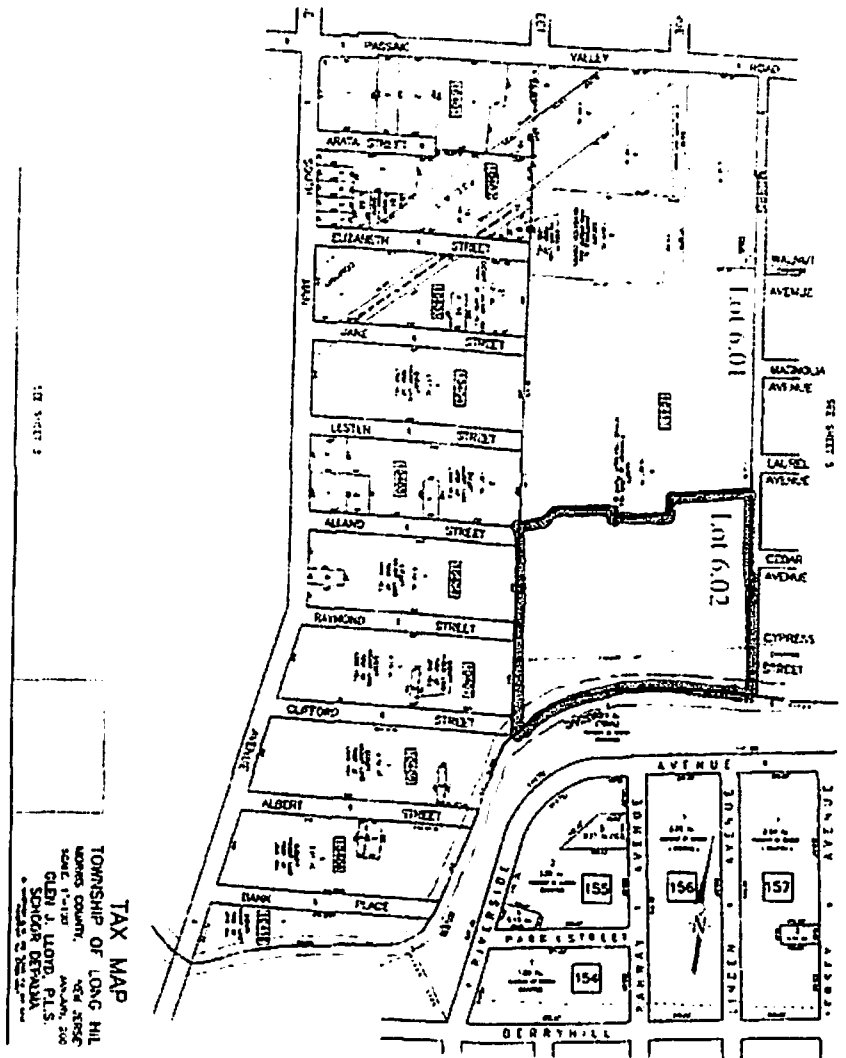
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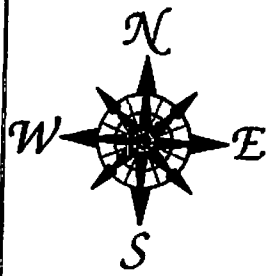
**ENVIRONMENTAL ASSOCIATES  
INC.**

315 Mountain View Drive  
Kunkletown, PA 18058

Phone: (610) 681-6030  
Fax: (610) 681-6031



TAX MAP  
 TOWNSHIP OF LONG HILL  
 MORRIS COUNTY, NEW JERSEY  
 SCALE 1"=120' A.S.M.C.  
 GLEN J. LUTD, P.L.S.  
 SCHIDOR DEPAWIA  
 1985



**FIGURE #3**  
**GENERAL LOCATION**  
**TAX MAP**

**Data Source:**

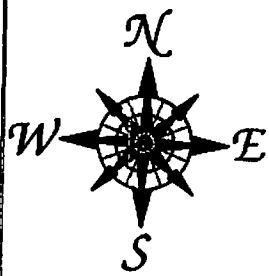
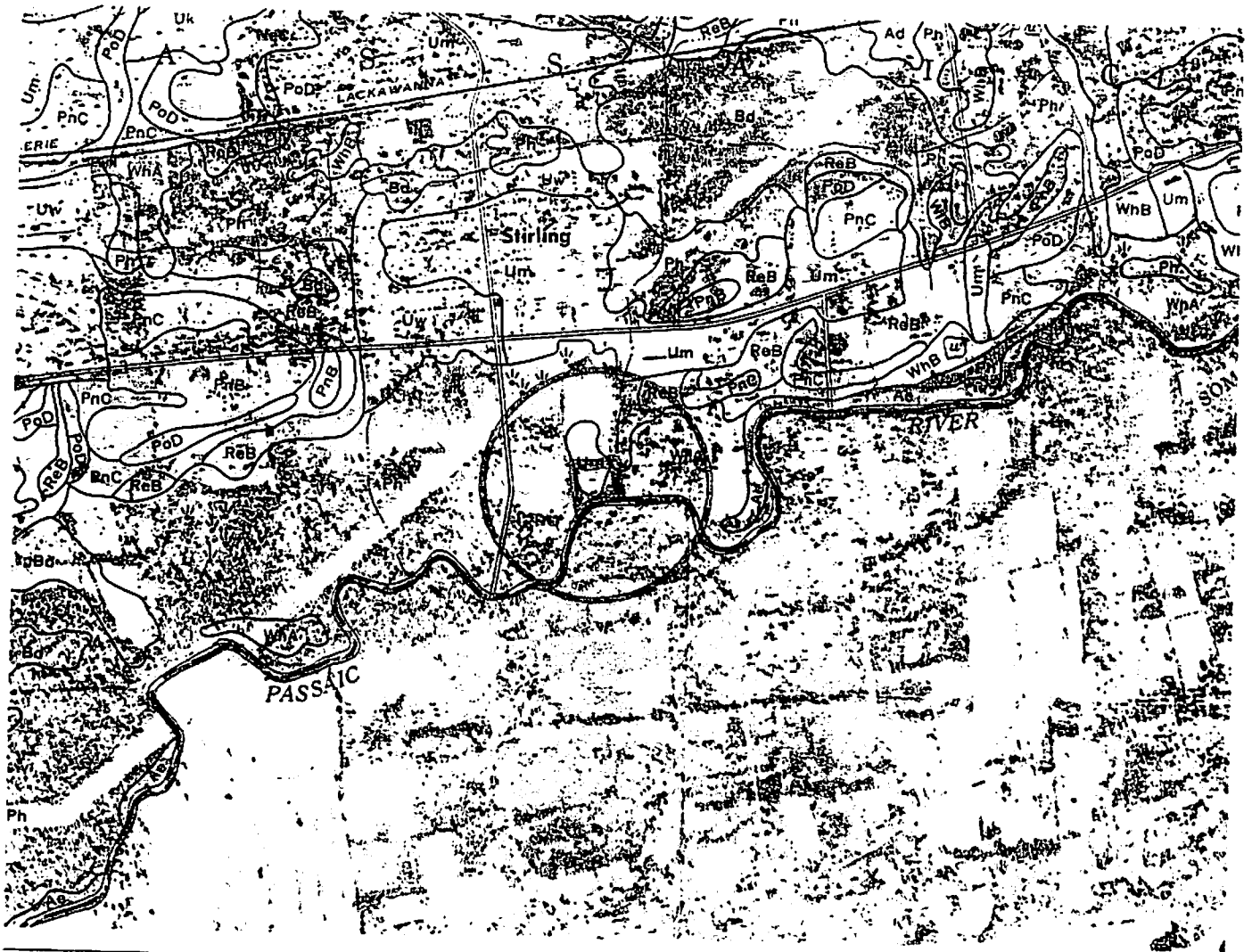
Municipal Tax Map  
 Long Hill Township,  
 Morris County,  
 New Jersey



**ENVIRONMENTAL ASSOCIATES**  
**INC.**

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 Kunkletown, PA 18058

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 Fax: (610) 681-6031



**FIGURE #4  
GENERAL LOCATION  
SOILS MAP**

**Data Source:**

Sheet #39 of the  
Soil Survey of  
Morris County,  
New Jersey  
(USSCS)

Scale 1" = 1320'



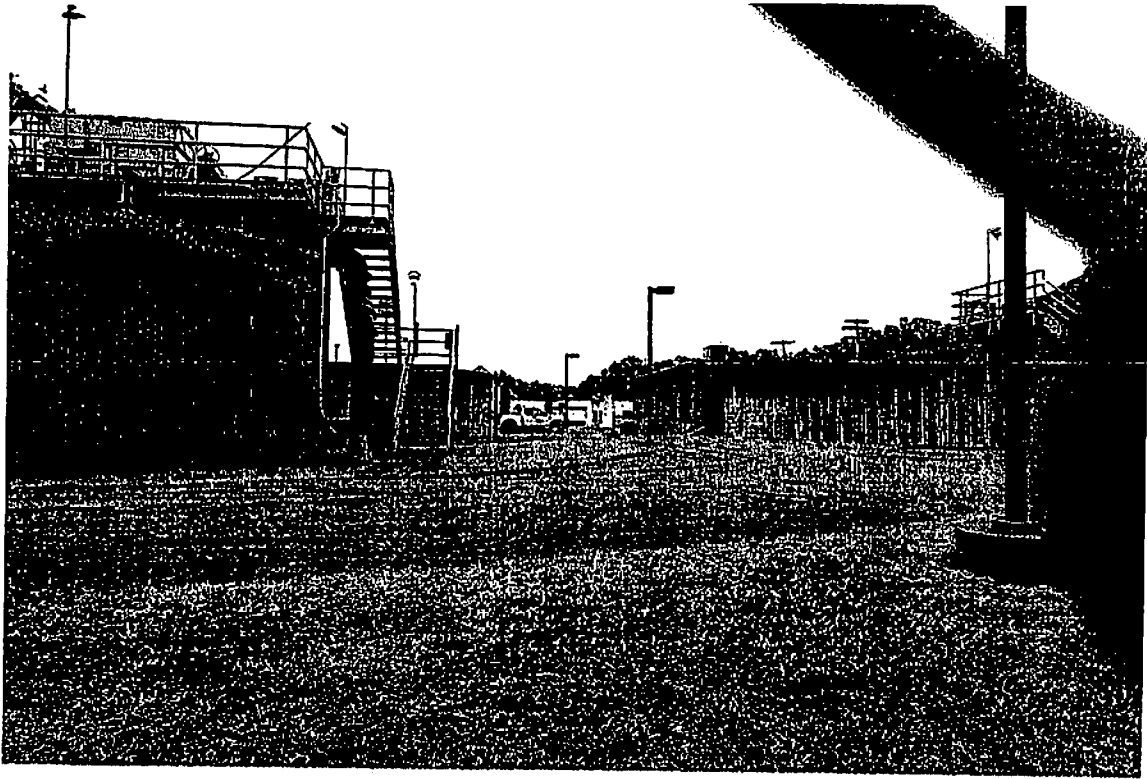
**ENVIRONMENTAL ASSOCIATES  
INC.**

315 Mountain View Drive  
Kunkletown, PA 18058

Phone: (610) 681-6030  
Fax: (610) 681-6031

# **SECTION V**

## **PHOTOGRAPHS**



**PHOTOGRAPH #1**

Location of proposed building within the WTA.





**PHOTOGRAPH #2**

Location of proposed building within the WTA.

# **SECTION VI**

## **VEGETATION, SOILS AND HYDROLOGY DATA COLLECTED AT POINTS OF PROPOSED WETLAND AND WETLAND TRANSITION AREA ALTERATION**

# WETLAND BOUNDARY POINT W3-6

## WETLAND

### VEGETATION (DOMINANT)

CANOPY STRATUM	
Species	Ind. Status
None Present	

SUBCANOPY STRATUM	
Species	Ind. Status
None Present	

SHRUB STRATUM	
Species	Ind. Status
None Present	

GROUND STRATUM	
Species	Ind. Status
Soft Rush	Obl
Phragmites	FacW
Sedges	Obl
Purple Loosestrife	FacW

### SOILS

Depth	Matrix Color	Mottle Colors	Texture
0-6"	10YR; 3/3		silty clay
6-18"	10YR; 4/1	10YR; 3/3	silty clay

### HYDROLOGY

Depth to Free Water     Surface  
 Depth to Saturation     Surface

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li><input type="checkbox"/> Drainage Channel</li> <li><input type="checkbox"/> Drainage Patterns</li> <li><input type="checkbox"/> Oxidized Root Channels</li> <li><input type="checkbox"/> Drift Lines</li> <li><input type="checkbox"/> Other: _____</li> <li>_____</li> <li>_____</li> <li>_____</li> </ul> | <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Morphological Plant Adaptations                             <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Hummocking</li> <li><input type="checkbox"/> Buttressing</li> <li><input type="checkbox"/> Exposed Roots</li> </ul> </li> <li><input type="checkbox"/> Water Stained Leaves</li> </ul> |
|--|--|

### COMMENTS

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# WETLAND BOUNDARY POINT W3-6

## UPLAND

### VEGETATION (DOMINANT)

CANOPY STRATUM	
Species	Ind. Status
None Present	

SUBCANOPY STRATUM	
Species	Ind. Status
None Present	

SHRUB STRATUM	
Species	Ind. Status
None Present	

GROUND STRATUM	
Species	Ind. Status
Dogbane	NL
Canada Thistle	Fac
Lawn Grass	V

### SOILS

Depth	Matrix Color	Mottle Colors	Texture
0-18+"	10YR; 3/4		silty clay

### HYDROLOGY

Depth to Free Water \_\_\_\_\_  
 Depth to Saturation \_\_\_\_\_

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li><input type="checkbox"/> Drainage Channel</li> <li><input type="checkbox"/> Drainage Patterns</li> <li><input type="checkbox"/> Oxidized Root Channels</li> <li><input type="checkbox"/> Drift Lines</li> <li><input type="checkbox"/> Other: _____<br/>                     _____<br/>                     _____<br/>                     _____</li> </ul> | <ul style="list-style-type: none"> <li><input type="checkbox"/> Morphological Plant Adaptations                             <ul style="list-style-type: none"> <li><input type="checkbox"/> Hummocking</li> <li><input type="checkbox"/> Buttressing</li> <li><input type="checkbox"/> Exposed Roots</li> </ul> </li> <li><input type="checkbox"/> Water Stained Leaves</li> </ul> |
|--|--|

### COMMENTS

\_\_\_\_\_ Disturbed - developed beyond \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**SECTION VII**

**OTHER NJDEP APPROVALS**

**OTHER NJDEP APPROVALS**

***New Jersey American Water Company - Facility Building Construction***

**Block 10411 - Lot 6.02  
Long Hill Township, Morris County, New Jersey**

The wetlands were evaluated by Eastern States Environmental Associates, Inc. in September of 2020. It is assumed that the on-site and off-site wetlands will be classified as exceptional resource value given the Rank #5 mapped habitat. Accordingly a WTA distance of 150 feet will be required adjacent to on and off-site wetlands. Said WTA encompasses the majority of the Property. Application for a Wetlands Letter of Interpretation (LOI) - Footprint of Disturbance (FOD) is included with this application.

# **SECTION VIII**

## **SWAMP PINK (*Helonias bullata*) OCCURRENCE AND ANTICIPATED IMPACTS**

**SWAMP PINK (*Helonias bullata*)  
OCCURRENCE AND ANTICIPATED IMPACTS**

***New Jersey American Water Company - Facility Building Construction***

**Block 10411 - Lot 6.02  
Long Hill Township, Morris County, New Jersey**

In accordance with the requirements of NJAC 7:7A-9.5(a)iii, Eastern States Environmental Associates, Inc. (ESEA) has thoroughly investigated the wetland, open water and/or wetland transition area (WTA) proposed for disturbance which is the subject of this permit application for the occurrence of Swamp Pink (*Helonias bullata*). During said investigations, ESEA did not find any evidence as to the existence of Swamp Pink. Furthermore, it was determined that the particular wetland, open water and/or WTA proposed for disturbance which is the subject of this permit application does not contain the preferred habitat characteristics of *Helonias bullata*.

Therefore, it is the professional opinion of ESEA that the wetland, open water and/or WTA disturbance which is the subject of this permit application will not result in the direct or indirect adverse impacts to *Helonias bullata*.



# **SECTION IX**

## **BOG TURTLE (*Clemmys muhlenbergi*) OCCURRENCE AND ANTICIPATED IMPACTS**

**BOG TURTLE (*Clemmys muhlenbergi*)  
OCCURRENCE AND ANTICIPATED IMPACTS**

*New Jersey American Water Company - Facility Building Construction*

**Block 10411 - Lot 6.02  
Long Hill Township, Morris County, New Jersey**

In accordance with the requirements of NJAC 7:7A, Eastern States Environmental Associates, Inc. (ESEA) has thoroughly investigated the wetland/open water/WTA proposed for disturbance which is the subject of this permit application for the occurrence of suitable Bog Turtle habitat. During said field investigations, ESEA did not find any evidence as to the occurrence of Bog Turtles associated with the subject wetland/open water/WTA proposed for disturbance. Furthermore, it was determined that the particular wetland/open water/WTA proposed for disturbance which is the subject of this permit application does not contain the preferred Bog Turtle habitat characteristics.

Therefore, it is the professional opinion of ESEA that the wetland/open water/WTA disturbance which is the subject of this permit application will not result in the direct or indirect adverse impacts to Bog Turtles or Bog Turtle habitat.

# **SECTION X**

## **INDIANA BAT (*Myotis sodalis*) OCCURRENCE AND ANTICIPATED IMPACTS**

**INDIANA BAT (*Myotis sodalis*)  
OCCURRENCE AND ANTICIPATED IMPACTS**

***New Jersey American Water Company - Facility Building Construction***

**Block 10411 - Lot 6.02  
Long Hill Township, Morris County, New Jersey**

In accordance with the requirements of NJAC 7:7A, Eastern States Environmental Associates, Inc. (ESEA) has thoroughly investigated the wetland/open water/WTA proposed for disturbance which is the subject of this permit application for the occurrence of suitable Indiana Bat (Federal Endangered) habitat. During said field investigations, ESEA did not find any evidence as to the occurrence of the Indiana Bat associated with the subject wetland/open water/WTA proposed for disturbance. It is understood that Indiana Bats are known to occur throughout the general region and utilize floodplain, riparian and upland forested lands for roosting and foraging. In areas where the Indiana Bat is known to occur, the US Fish and Wildlife Service (USFWS) may impose a tree clearing timing restriction within the regulated areas.

The portions of the WTA proposed for alteration are presently manipulated, maintained and partially consist of impervious surfaces. Furthermore, no trees will be removed pursuant to the undertaking of the proposed project. Accordingly, it is determined that Indiana Bat habitat will not be impacted and that no tree clearing restriction will be relevant to this proposed project.

**SECTION XI**  
**ALTERNATIVE ANALYSIS**

**ALTERNATIVE ANALYSIS**

***New Jersey American Water Company - Facility Building Construction***

**Block 10411 - Lot 6.02  
Long Hill Township, Morris County, New Jersey**

Concurrent with NJAC 7:7A, an Alternative Analysis is not required of an application for an FWGP#10A or WTA Special Activity Redevelopment Waiver.

# **SECTION XII**

## **MITIGATION**

**WETLANDS MITIGATION and WETLAND TRANSITION AREA  
COMPENSATION**

*New Jersey American Water Company - Facility Building Construction*

**Block 10411 - Lot 6.02  
Long Hill Township, Morris County, New Jersey**

Concurrent with NJAC 7:7A, WTA compensation is not required for WTA alteration authorized by an FWGP#10A or WTA Redevelopment Waiver.



# **SECTION XIII**

## **LEGAL NOTIFICATIONS TO:**

**TOWNSHIP MUNICIPAL CLERK  
TOWNSHIP ENVIRONMENTAL COMMISSION  
TOWNSHIP PLANNING BOARD  
TOWNSHIP CONSTRUCTION OFFICIAL  
COUNTY PLANNING BOARD**



**ENVIRONMENTAL ASSOCIATES  
INC.**

*Specializing in the Assessment and Management  
of the Ecological Resources*

315 Mountain View Drive  
Kunkletown, Pennsylvania 18058  
Phone: (610) 681-6030  
Fax: (610) 681-6031  
November 30, 2020

Long Hill Township Municipal Clerk  
915 Valley Road  
Gillette, New Jersey 07933

**RE: LEGAL NOTIFICATION**

*Applicant: NJ American Company  
167 John F. Kennedy Parkway  
Short Hills, New Jersey 07960*

*Property: 1227 Valley Road  
Block 10411 - Lot 6.02  
Long Hill Township, Morris County, New Jersey*

Dear Municipal Clerk:

I am sending you this letter to inform you that I am submitting an application for a permit or approval to the New Jersey Department of Environmental Protection (NJDEP) under the Freshwater Wetlands Protection Act Rules, N.J.A.C. 7:7A on behalf of the applicant listed above. The permit or approval will either establish the boundary of freshwater wetlands on the above property, or will authorize the applicant to conduct regulated activities on the property.

The applicant is applying for the following approval(s):

- Letter of Interpretation (establishes the official boundary line of any regulated freshwater wetlands, open waters, or transition areas on the property, and if freshwater wetlands are present, identifies their resource value)
- General permit authorization (authorizes regulated activities, such as construction or development, in wetlands and adjacent transition areas)
- Individual transition area waiver (authorizes regulated activities, such as construction or development, in areas adjacent to wetlands)
- Individual freshwater wetlands permit (authorizes regulated activities, such as construction or development, in both wetlands and adjacent transition areas)
- Open water fill permit (authorizes regulated activities, such as construction or development, in open waters)
- FHA -Verification and Individual Permit

The activities for which this application requests NJDEP approval are (I have checked all of those that apply):

- No regulated activities, just establishing where regulated wetlands (if any) are found on the above referenced property
- Cutting or clearing of trees and/or other vegetation
- Placement of pavement or other impervious surface
- Placement of one or more buildings or other structures
- Expansion of existing pavement, buildings, or other structures
- Other (describe): \_\_\_\_\_

Enclosed for your records is a copy of this complete application package that is being submitted to the NJDEP pertaining to the Subject Property.

The rules governing freshwater wetlands permits and approvals are found in the NJDEP's Freshwater Wetlands Protection Act rules at N.J.A.C. 7:7A. You can view or download these rules on the NJDEP Land Use Regulation Program website at [www.state.nj.us/dep/landuse](http://www.state.nj.us/dep/landuse), or you can find a copy of these rules in the county law library at your county courthouse.

As part of the NJDEP's review of this application, NJDEP personnel may visit the subject property, and the portion of any neighboring property that lies within 150 feet of the subject property line, to perform a site inspection. This site inspection will involve only a visual inspection and possibly minor soil borings using a 4" diameter hand auger. The inspection will not result in any damage to vegetation or to property improvements.

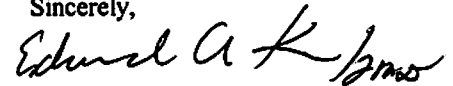
The NJDEP welcomes any comments you may have on this application. If you wish to comment on this application, comments should be submitted to the NJDEP in writing within 15 days after you receive this letter. However, written comments will *continue to be* accepted until the NJDEP makes a decision on the application. Comments cannot be accepted by telephone. Please submit any comments you may have in writing, along with a copy of this letter, to:

New Jersey Department of Environmental Protection  
Division of Land Use Regulation  
Mail Code 501-02A; P.O. Box 420  
Trenton, New Jersey 08625  
Att: Morris County Section Chief

When the NJDEP has decided whether or not this application qualifies for approval under the Freshwater Wetlands Protection Act rules, NJDEP will notify the municipal clerk of the final decision on this application.

If you have questions about this application, you can contact Eastern States Environmental Associates, Inc. or the applicant at the address listed at the top of this notification.

Sincerely,



Edward A. Kuc  
Principal Ecologist

EAK/jmd  
Enclosure: Copy of Application Package  
CMRRR  
cc: NJDEP



**ENVIRONMENTAL ASSOCIATES  
INC.**

*Specializing in the Assessment and Management  
of the Ecological Resources*

315 Mountain View Drive  
Kunkletown, Pennsylvania 18058  
Phone: (610) 681-6030  
Fax: (610) 681-6031  
November 30, 2020

**TO:** Long Hill Township Environmental Commission  
Long Hill Township Planning Board  
Long Hill Township Construction Official  
Morris County Planning Board

**RE: LEGAL NOTIFICATION**

**Applicant:** *NJ American Company  
167 John F. Kennedy Parkway  
Short Hills, New Jersey 07960*

**Property:** *1227 Valley Road  
Block 10411 - Lot 6.02  
Long Hill Township, Morris County, New Jersey*

I am sending you this letter to inform you that I am submitting an application for a permit or approval to the New Jersey Department of Environmental Protection (NJDEP) under the Freshwater Wetlands Protection Act Rules, N.J.A.C. 7:7A on behalf of the applicant listed above. The permit or approval will either establish the boundary of freshwater wetlands on the above property, or will authorize the applicant to conduct regulated activities on the property.

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The activities for which this application requests NJDEP approval are (I have checked all of those that apply):

- No regulated activities, just establishing where regulated wetlands (if any) are found on the above referenced property
- Cutting or clearing of trees and/or other vegetation
- Placement of pavement or other impervious surface
- Placement of one or more buildings or other structures
- Expansion of existing pavement, buildings, or other structures
- Other (describe): \_\_\_\_\_

If you would like to inspect a copy of this application, it is on file at the Municipal Clerk's Office in the town in which the property is located, or you can call the NJDEP at (609) 777-0454 to make an appointment to see this application at NJDEP offices in Trenton during normal business hours.

The rules governing freshwater wetlands permits and approvals are found in the NJDEP's Freshwater Wetlands Protection Act rules at N.J.A.C. 7:7A. You can view or download these rules on the NJDEP Land Use Regulation Program website at [www.state.nj.us/dep/landuse](http://www.state.nj.us/dep/landuse), or you can find a copy of these rules in the county law library at your county courthouse.

As part of the NJDEP's review of this application, NJDEP personnel may visit the subject property, and the portion of any neighboring property that lies within 150 feet of the subject property line, to perform a site inspection. This site inspection will involve only a visual inspection and possibly minor soil borings using a 4" diameter hand auger. The inspection will not result in any damage to vegetation or to property improvements.

The NJDEP welcomes any comments you may have on this application. If you wish to comment on this application, comments should be submitted to the NJDEP in writing within 15 days after you receive this letter. However, written comments will *continue* to be accepted until the NJDEP makes a decision on the application. Comments cannot be accepted by telephone. Please submit any comments you may have in writing, along with a copy of this letter, to:

New Jersey Department of Environmental Protection  
Division of Land Use Regulation  
Mail Code 501-02A; P.O. Box 420  
Trenton, New Jersey 08625  
Att: Morris County Section Chief

When the NJDEP has decided whether or not this application qualifies for approval under the Freshwater Wetlands Protection Act rules, NJDEP will notify the municipal clerk of the final decision on this application.

If you have questions about this application, you can contact Eastern States Environmental Associates, Inc. or the applicant at the address listed at the top of this notification.

Sincerely,



Edward A. Kuc  
Principal Ecologist

EAK/jmd  
Enclosure: Site Map  
CMRRR  
cc: NJDEP

# **SECTION XIV**

**LIST OF PROPERTY OWNERS WITHIN 200'  
OF PROJECT SITE  
AND  
LEGAL NOTIFICATIONS  
TO PROPERTY OWNERS**

## 200 FOOT PROPERTY SEARCH

**APPLICANT: STIRES ASSOCIATES, P.A.**

**Address: (Morris Place, Long Hill)**

**OWNER: Long Hill Township**

**Block/ Lot (Long Hill Block 10411 Lot 6.02)**

**FEE PAID: \$10.00**

-----  
List the names and addresses of all owners of property as shown on the current tax duplicate located within 200 feet of any part of the property affected by this application. The Township of Warren accepts no liability for errors hereon.

If the property is adjacent to a county road or adjoins any other county land, the SOMERSET COUNTY PLANNING BOARD should be listed below. If the property is within 200 feet on an adjoining municipality, the SOMERSET COUNTY PLANNING BOARD and the TOWNSHIP CLERK of the municipality should also be listed below. In addition, the applicant must also obtain the names and addresses of owners of land in such adjoining municipalities which are located within 200 feet of subject premises.

If property is adjacent to a state highway the COMMISSIONER OF TRANSPORTATION must be given notice. If property exceeds 150 acres or 500 dwelling units, notice shall be given to the DIRECTOR OF THE DIVISION OF STATE & REGIONAL PLANNING in the Department of Community Affairs, along with copies of any maps or documents.

The following is a list of all utility companies located within Warren Township. It is not to be construed as utilities being on or within 200 feet of the property being searched. Only those utilities indicated with an asterisk, who have registered with Warren Township as per NJ 40:55D-12.1 Subsection C., must be notified.

Somerset County Planning Board  
P.O. Box 3000  
Somerville, NJ 08876-1262

\*Morton A. Plawner, General Manager  
Property & Risk Management  
Public Service Gas & Electric, T24A  
Newark, NJ 07102

\*Richard s. Cohen, Secretary  
Jersey Central Power & Light  
300 Madison Ave.  
Morristown, NJ 07962

\*Donna Short  
GIS Supervisor  
New Jersey American Water  
1025 Laurel Oak Rd.  
Vorhees, NJ 08043

\*Kenneth G. Ward, Secretary  
 Elizabethtown Gas Company  
 Elizabethtown Plaza  
 Union, NJ 07083

Paul Kostyz  
Cablevision  
40 Pine Street  
Tinton Falls, NJ 07753  
Lea Ann Molineaux  
Verizon  
1717 Arch St.,  
Philadelphia, PA 19103

Edward J. Roan, Special Project Mgr  
Somerset Raritan Sewerage Authority  
P.O. Box 6400  
Bridgewater, NJ 08807

TOWNSHIP OF WARREN  
46 MOUNTAIN BLVD.  
WARREN, NJ 07059  
RE: 160-1: RIVERSIDE AVENUE

TOWNSHIP OF WARREN  
46 MOUNTAIN BLVD.  
WARREN, NJ 07059  
RE: 155-2: RIVERSIDE AVENUE

TOWNSHIP OF WARREN  
46 MOUNTAIN BLVD.  
WARREN, NJ 07059  
RE: 156-1: RAHWAY AVENUE

TOWNSHIP OF WARREN  
46 MOUNTAIN BLVD.  
WARREN, NJ 07059  
RE: 157-1: RIVERSIDE-JERSEY

TOWNSHIP OF WARREN  
46 MOUNTAIN BLVD.  
WARREN, NJ 07059  
RE: 158-1: NEWARK-JERSEY





Morris County Board of Taxation  
 COUNTY OF MORRIS, NEW JERSEY  
 P.O. Box 900, Morristown NJ, 07963-0900  
 \*Maximum of 500 records available on report

Projection: State Plane (FIPS 2900)  
 Datum: NAD83  
 Units: Feet



The maps and data available for access at this website is provided "as-is" without warranty or any representation of accuracy, timeliness, or completeness. The burden for determining accuracy, completeness, timeliness, merchantability and fitness for, or the appropriateness for use, rests solely on the user accessing this information. The County of Morris makes no warranties, express or implied, as to the use of the maps and the data available for access at this website. There are no implied warranties of merchantability or fitness for a particular purpose. The user acknowledges and accepts all inherent limitations of the maps and data, including the fact that the maps and data are dynamic and in a constant state of maintenance, correction, and revision. The maps and associated data at this website do not represent a survey. In no event shall the County of Morris or its officers or employees assume any liability for the accuracy of the data delineated on any map. In no event shall the County of Morris or its officers or employees be liable for any damages arising in any way out of the use of this information.

TARGETED PROPERTIES:				
PAMS#/PIN	Acres	Property Location	Owner's Name	Mailing Address
1430_10411_6	15.2970	1223 VALLEY RD	TOWNSHIP OF LONG HILL	915 VALLEY RD GILLETTE, NJ 07933

**PARCELS WITHIN RANGE OF TARGETED PROPERTIES:**

PARCEL ID	Acres	Property/Location	Owner's Name	Mailing Address
1430_10402_19	1.4800	ARATA ST	PSE&G/ SERVICE CORP	80 PARK PLAZA T6B 6TH FLR NEWARK, NJ 071024194
1430_10402_31	0.5040	ELIZABETH ST	TRANSCO/ATT: AD VALOREM TAX	MD 46-4 P.O BOX 2400 TULSA, OK 74102
1430_10402_8	0.1240	VALLEY RD	TOWNSHIP OF LONG HILL	915 VALLEY RD GILLETTE, NJ 07933
1430_10403_2	0.2300	JANE ST	TRANSCO/ ATT: AD VALOREM TAX	MD 46-4 P.O BOX 2400 TULSA, OK 74102
1430_10403_21	1.3100	ELIZABETH ST	TOWNSHIP OF LONG HILL	915 VALLEY RD GILLETTE, NJ 07933
1430_10403_42	0.0920	JANE ST	SHEFUO, COL ROSE FR22065	13906 CABANO NO CORPUS CHRISTIE, TEXAS 78418
1430_10404_1	2.5710	JANE ST	TOWNSHIP OF LONG HILL	915 VALLEY RD GILLETTE, NJ 07933
1430_10405_3	1.8700	LESTER ST	TOWNSHIP OF LONG HILL	915 VALLEY RD GILLETTE, NJ 07933
1430_10406_1	2.4600	S MAIN AVE	TOWNSHIP OF LONG HILL	915 VALLEY RD GILLETTE, NJ 07933
1430_10407_1	2.7300	RAYMOND ST	TOWNSHIP OF LONG HILL	915 VALLEY RD GILLETTE, NJ 07933
1430_10408_1	2.7900	S MAIN ST	TOWNSHIP OF LONG HILL	915 VALLEY RD GILLETTE, NJ 07933
1430_10411_1	2.0940	1221 VALLEY RD	1221 VALLEY ROAD, LLC	271 HILLTOP RD MENDHAM, NJ 07945
1430_10411_2	1.4200	VALLEY RD	TRANSCO/ ATT: AD VALOREM TAX	MD 46-4 P.O BOX 2400 TULSA, OK 74102
1430_10411_5	1.8540	1229 VALLEY RD	LONG HILL COMMUNITY CENTER, INC.	PO BOX 162 STIRLING, NJ 07980
1430_10411_6	15.2970	1223 VALLEY RD	TOWNSHIP OF LONG HILL	915 VALLEY RD GILLETTE, NJ 07933
1430_10501_1	8.0870	1153 VALLEY RD	STIRLING CENTER ASSOC., FIDELITY	641 SHUNPIKE RD CHATHAM, NJ 07928
1430_10502_6	undefined		unmatched parcel	undefined undefined
1430_10502_7	0.4590	WALNUT AVE	BRIER, ANNA B MRS ANNE GALPERT	53 PAUL ST NEWTON CENTRE, MASS 02459
1430_10502_9	0.2300	MAGNOLIA AVE	TOWNSHIP OF LONG HILL	915 VALLEY RD GILLETTE, NJ 07933
1430_10503_5	0.6890	MAGNOLIA AVE	TOWNSHIP OF LONG HILL	915 VALLEY RD GILLETTE, NJ 07933
1430_10503_8	0.6890	126 LAUREL AVE	TOWNSHIP OF LONG HILL	915 VALLEY RD GILLETTE, NJ 07933
1430_10504_6	0.4590	111 LAUREL AVE	MAMMONE, LARRY/ROBIN	111 LAUREL AVE STIRLING, NJ 07980

PAMS_RIN	Acres	Property Location	Owner Name	Mailing Address
1430_10504_8	0.4590	134 CEDAR AVE	TOWNSHIP OF LONG HILL	915 VALLEY RD GILLETTE, NJ 07933
1430_10505_3	0.6980	125 CEDAR AVE	PERRUSO, KEVIN D/LISA E	125 CEDAR AVE STIRLING, NJ 07980
1430_10505_4	0.6890	MORRIS PL	PASSAIC RIVER COALITION	330 SPEEDWELL AVE MORRISTOWN, NJ 07960



**ENVIRONMENTAL ASSOCIATES  
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315 Mountain View Drive  
Kunkletown, Pennsylvania 18058  
Phone: (610) 681-6030  
Fax: (610) 681-6031  
November 30, 2020

**RE: LEGAL NOTIFICATION**

**Applicant: NJ American Company  
167 John F. Kennedy Parkway  
Short Hills, New Jersey 07960**

**Property: 1227 Valley Road  
Block 10411 - Lot 6.02  
Long Hill Township, Morris County, New Jersey**

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- Individual freshwater wetlands permit (authorizes regulated activities, such as construction or development, in both wetlands and adjacent transition areas)
- Open water fill permit (authorizes regulated activities, such as construction or development, in open waters)
- FHA - Verification and Individual Permit

The activities for which this application requests NJDEP approval are (I have checked all of those that apply):

- No regulated activities, just establishing where regulated wetlands (if any) are found on the above referenced property
- Cutting or clearing of trees and/or other vegetation
- Placement of pavement or other impervious surface
- Placement of one or more buildings or other structures
- Expansion of existing pavement, buildings, or other structures
- Other (describe): \_\_\_\_\_

If you would like to inspect a copy of this application, it is on file at the Municipal Clerk's Office in the town in which the property is located, or you can call the NJDEP at (609) 777-0454 to make an appointment to see this application at NJDEP offices in Trenton during normal business hours.

The rules governing freshwater wetlands permits and approvals are found in the NJDEP's Freshwater Wetlands Protection Act rules at N.J.A.C. 7:7A. You can view or download these rules on the NJDEP Land Use Regulation Program website at [www.state.nj.us/dep/landuse](http://www.state.nj.us/dep/landuse), or you can find a copy of these rules in the county law library at your county courthouse.

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New Jersey Department of Environmental Protection  
Division of Land Use Regulation  
Mail Code 501-02A; P.O. Box 420  
Trenton, New Jersey 08625  
Att: Morris County Section Chief

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Sincerely,



Edward A. Kuc  
Principal Ecologist

EAK/jmd  
CMRRR  
cc: NJDEP

. EASTERN STATES  
ENVIRONMENTAL ASSOCIATES  
INC.

Page 53.

# **SECTION XV**

## **PROFESSIONAL CREDENTIALS**

**PRINCIPAL ECOLOGIST ASSIGNED TO THIS PROJECT:**

**Edward A. Kuc**

Edward A. Kuc is a Natural Resource Ecologist by profession with areas of expertise including aquatic and terrestrial ecosystems, fisheries, wildlife (mammalian, avian, reptilian, amphibian), endangered wildlife and freshwater wetlands. Edward A. Kuc has conducted extensive research of these natural resources and has provided numerous Natural Resource Protection and Management Plans for federal, state and municipal environmental regulatory agencies as well as private enterprise.

Edward A. Kuc serves as Principal Environmental Specialist for Eastern States Environmental Associates, Inc. Responsibilities include the coordination, implementation and supervision of the many ecological inventory, assessment, management and mitigation projects undertaken by ESEA. Edward A. Kuc is extensively involved with regulatory compliance matters and serves as the chief representative of ESEA clients with regard to Federal, State and Municipal Environmental Permit Applications.

Prior to joining ESEA, Edward A. Kuc served as Supervisory Ecologist of a large New Jersey environmental consulting firm. Edward A. Kuc's responsibilities included the implementation and supervision of the natural resource inventories, impact assessment and management programs conducted by the organization. Edward A. Kuc was likewise responsible for the coordination and preparation of associated environmental documents and reports prepared by the organization.

Edward A. Kuc has served in the capacity of Fish and Wildlife Ecologist for the New Jersey Department of Environmental Protection, Division of Fish, Game and Wildlife. Edward A. Kuc was responsible for the collection and analysis of biological information pertaining to fishery population inventories, population reproduction, trout waters classification, fishery population introduction and population establishment, anadromous species migration and stream encroachment reviews. Edward A. Kuc was also responsible for the inventory, evaluation and habitat availability assessment of various wildlife species. Edward A. Kuc continued to be of service to the Division's Black Bear Project through the Wildlife Conservation Corps Program.

**EASTERN STATES  
ENVIRONMENTAL ASSOCIATES  
INC.**

Page 55.

Edward A. Kuc served as a Research Biologist for the U.S.D.A. Forest Service in Clearwater National Forest, Idaho, where he was responsible for various fish and wildlife research and management programs. Edward A. Kuc was responsible for analysis of stream condition, riparian habitat quality, sport fishing population and salmonid spawning area potential. Edward A. Kuc implemented various stream and riparian habitat enhancement projects. Edward A. Kuc performed various surveys to determine fish species density for impact evaluation of various land use activities. Edward A. Kuc was responsible for habitat evaluations and population analysis of various large-game and non-game wildlife species and was responsible for the determination of Mountain Goat population dynamics and distribution among seasonal ranges.

Edward A. Kuc possesses a Bachelor of Science Degree in Natural Resource Management from Rutgers University - Cook College. Edward A. Kuc is affiliated with many professional organizations including The Wildlife Society, The American Fisheries Society, Society of Wetland Scientists, The Audubon Society, Association of Urban Wildlife Managers, The National Wildlife Federation and The Nature Conservancy. Edward A. Kuc has served as the President of the New Jersey Chapter of the Wildlife Society. Edward A. Kuc is certified as a Professional Wetland Scientist by the Society of Wetland Scientists. Edward A. Kuc has authored numerous technical reports and articles and has conducted many presentations and seminars pertaining to various Natural Resource related topics.

**ASSOCIATES AND TECHNICAL STAFF:**

The Associates and Technical Staff of Eastern States Environmental Associates, Inc. consist of a select group of environmental specialists. This select group of Associates and Staff Biologists include highly experienced and recognized individuals in various specialties of environmental related consultation. The educational background of these individuals ranges from Bachelor to Doctorate degrees in environmental sciences.

Detailed qualifications of the Principals, Associates, and Technical Staff of ESEA are available upon request. Also available upon request is a list of clients and projects which will serve as professional references on behalf of ESEA.

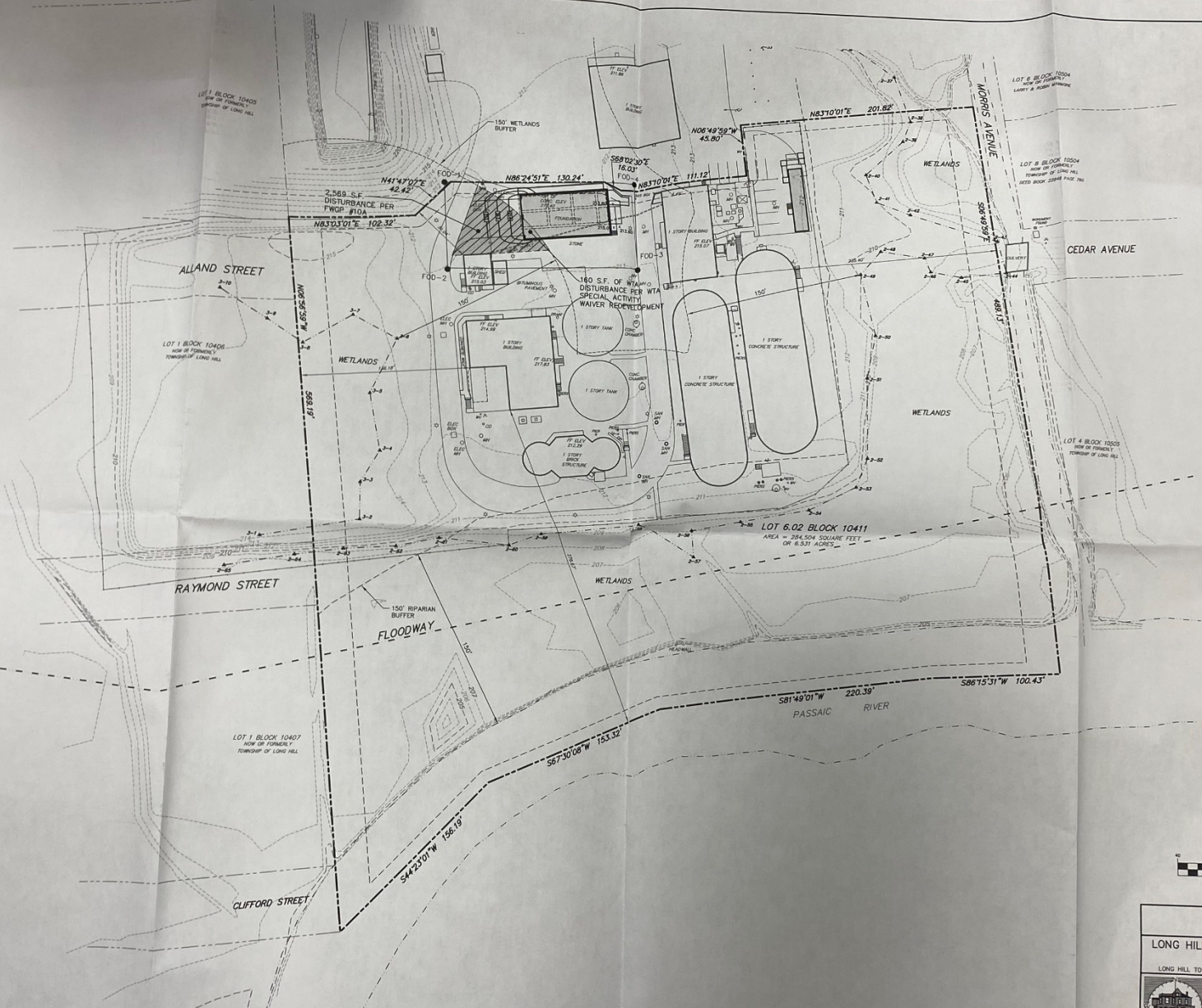


**EASTERN STATES  
ENVIRONMENTAL ASSOCIATES  
INC.**

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# **SECTION XIV**

## **SITE PLAN MAP**



**SYMBOL LEGEND**

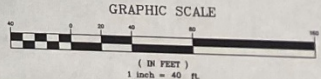
- MONITORING WELL
- ▲ BOUNDARY POST
- ◆ GAS VALVE
- ◆ WATER VALVE
- ◆ EMERGENCY SEWER CLEANOUT
- UTILITY MANHOLE
- LIGHT POLE
- △ LANDSCAPE SPACE
- △ WINDMILL
- ( ) SIGN (ROAD)
- ( ) SIGN (PRIVATE)
- ( ) UTILITY POLE
- ( ) GUY WIRE/POST
- SILEY
- ELECTRIC MOUNTING BOX
- FENCE
- ELECTRIC/TELEPHONE CABLE
- GAS MAIN
- WATER MAIN
- STORM SEWER PIPE
- SEWER/STORM PIPE

**NOTES**

VERTICAL SURVEY DATUM ESTABLISHED FROM NORTH AMERICAN VERTICAL DATUM 1988 (NAVD 1988).  
 REFERENCE MAP ENTITLED "PRELIMINARY MINOR SUBDIVISION PLAN 1223 PASSAIC VALLEY ROAD, BLOCK 10411 LOT 6, TOWNSHIP OF LONG HILL, MORRIS COUNTY NEW JERSEY" PREPARED BY FORD ENGINEERING, INC. DATED 7/7/2020.

**FLOOD HAZARD NOTES**

1. ALL OR A PORTION OF THIS SITE LIES IN A FLOOD HAZARD AREA. CERTAIN ACTIVITIES IN FLOOD HAZARD AREAS ARE REGULATED BY THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SOME ACTIVITIES MAY BE PROHIBITED ON THIS SITE OR MAY FIRST REQUIRE A PERMIT. CONTACT THE DIVISION OF LAND USE REGULATION AT (609) 292-0060 FOR MORE INFORMATION PRIOR TO ANY CONSTRUCTION ON-SITE.
2. IN ACCORDANCE WITH N.J.A.C. 7:13-3, METHOD 5 (N.J.A.C. 7:13-3.5) DEPARTMENT DELINEATION WAS USED TO DETERMINE THE LIMIT OF THE FLOOD HAZARD AREA AND/OR FLOODWAY. FLOOD HAZARD ELEVATION ON SITE HAS BEEN DETERMINED TO BE 213.5.
3. THE TOPOGRAPHIC SURVEY HAS A VERTICAL DATUM OF NAVD 1988. ADD 1.0 FT. TO CONVERT THE VERTICAL ELEVATION FROM NAVD 1988 TO NAVD 1929.



**WETLANDS MAP**  
 LONG HILL TWP. SEWER TREATMENT PLANT UPGRADES  
 LOT 6.02 BLOCK 10411  
 MORRIS COUNTY NEW JERSEY



**STIRES ASSOCIATES, P.A.**  
 ENGINEERS, SURVEYORS & ENVIRONMENTAL CONSULTANTS  
 43 West High Street, Somerville, New Jersey 08876  
 Phone (908) 725-0230 Fax (908) 707-9831

**RICHARD C. MATHEWS**  
 PROFESSIONAL LAND SURVEYOR  
 N.J. LICENSE No. 29353  
 DATE 10/15/20  
 SCALE: 1" = 40'  
 PROJECT No. 20022

DESIGNED BY: RCM/SD  
 DRAWN BY: RCM/SD  
 CHECKED BY: RCM  
 SHEET NUMBER: 1 OF 1

DATE: 11/25/20 REMOVE DATE  
 DATE: BY: REVISION