APPENDIX D

Complete SEQR Packet with Resolutions

Town of Delaware

104 Main Street, PO Box 129 • Hortonville, NY 12745
845/887-5250 • www.townofdelaware-ny.us

February 2, 2018

At the January 10, 2018 meeting of the Town Board, the following resolution was offered and approved:

RESOLUTION #4-2018: DECLARE INTENT TO SERVE AS LEAD AGENCY (SEQR) FOR CREATION OF A SPECIAL IMPROVEMENT WATER DISTRICT AND TO AFFECT SYSTEM REPAIRS NEEDED TO BRING THE SYSTEM INTO REGULATORY COMPLIANCE:

Motion: Councilman John Gain
Seconded: Councilman Alfred Steppich

WHEREAS, the Town Board of the Town of Delaware, Sullivan County, New York, (hereinafter the "TOWN") has determined that it is in the public interest to evaluate the public benefit to the Hamlet of Callicoon residents of establishing a special improvement district for the public water supply; and

WHEREAS, the creation of a special improvement district is governed under the provisions of Article 12A of New York State Town Law; and

WHEREAS, the creation of the special improvement district would require the TOWN to assume ownership and control of the existing Public Water Supply, identified by the New York State Department of Health ID # NY5203321 and which is currently owned by the Callicoon Water Company (Department of State ID# 14407); and

WHEREAS, the PROJECT will entail the rehabilitation of the existing water system including, but not limited to, the demolition of Well House #1, the construction of a new well house with a new filtration and chemical feed system on the same site, replacement of 7,150 feet of distribution pipe, installation of water meters at all service connections, and the reclamation of the by-pass channel adjacent to Well House #1; and

WHEREAS, the establishment of this water district and the construction of improvements are actions subject to review under the State Environmental Quality Review Act (SEQRA); and

WHEREAS, the TOWN has determined itself to be the appropriate body to act as "Lead Agency" for the SEQR process, including a coordinated review:

NOW THEREFORE BE IT RESOLVED BY THAT:

The TOWN intends to proceed, pursuant to the provisions of Article 12A of New York Town Law, to determine the public benefit of establishing a new water district for the Hamlet of Callicoon; and

The TOWN declares its intention to serve as Lead Agency for the SEQR process, provided that no involved agency objects within thirty days of notification of the TOWN'S intent to serve as lead agency; and

The TOWN hereby determines that the project is classified as a Type 1 action under the State Environmental Quality Review Act (SEQRA), pursuant to the regulations found in 6 NYCRR Part 617; and

The TOWN shall cause to be prepared a Full Environmental Assessment Form and to notify potentially involved and interested agencies of the TOWN'S intent to serve as lead agency and to further initiate a coordinated review of the project under SEQR regulations.

The question of the adoption of the foregoing resolution was duly put to a vote on roll call, resulting as follows:

Supervisor Edward Sykes voting aye;
Councilman John Gain voting aye;
Councilwoman Cindy Herbert voting aye;
Councilman Alfred Steppich voting aye; and
Councilman Christopher Hermann voting aye.

The resolution was thereupon declared duly adopted, AYES-5, NAYS-0.

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

I, TESS McBEATH, Town Clerk of the Town of Delaware, Sullivan County, do hereby certify that I have compared the foregoing copy of a resolution from proceedings of the Town Board of the Town of Delaware with the original thereof now on file in the Office of the Town of Delaware, 104 Main Street, Hortonville, New York, 12745, and that the same is a true and correct transcript therefrom and of the whole of said original.

WITNESS my hand and seal of said Town of Delaware this 2nd day of February, 2018.

Tess McBeath, RMC
Town of Delaware Town Clerk

Town of Delaware, NY
Callicoon Water System Upgrade
SEQR Review Meeting

February 14, 2018
Town Municipal Building
104 Main Street
Hortonville, NY 12745

Attachments:

- Letter to Potentially Interested Parties
- Notice of Intent to Serve as Lead Agency
- List of Potentially Interested Parties
- USGS Map with proposed location
- Site Plan
- Full EAF Part 1
- Full EAF Part 2
- Full EAF Part 3
- Correspondence

Town of Delaware, NY
Callicoon Water System
SEQR Review Meeting
February 14, 2018

Letter to Potentially Interested Parties

DELAWARE ENGINEERING, D.P.C.

8-12 Dietz Street, Suite 303
Oneonta, NY 13820

Tel: 607.432.8073
Fax: 607.432.0432

January 12, 2018

«AddressBlock»

Re: Town of Delaware Water System

Sub: SEQR Review

«GreetingLine»

The Town of Delaware, in Sullivan County, NY, is in the process of determining the public benefit of establishing a new water district in the Hamlet of Callicoon. The public water system that currently serves the Hamlet residents is privately owned by the Callicoon Water Company (CWC). The water system is over 100 years old and the CWC is unable to adequately maintain the system and make the necessary upgrades and repairs necessary for regulatory compliance.

At its regularly scheduled January 10, 2018 meeting, the Town Board initiated the State Environmental Quality Review required under NYS Environmental Law. Your office has been identified as a potentially involved agency, and you are receiving this notification as part of the coordinated review process.

Enclosed please find the following items:

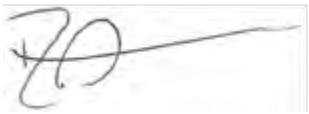
1. Notice of Intent to serve as lead agency w/ Project Description
2. USGS location map
3. Water System Infrastructure Map
4. Full Environmental Assessment Form Part 1

Please review the enclosed documents and provide comments to our office at the address listed below. The Board requests that your comments be received prior to its regularly scheduled February 14, 2018 public meeting. The meeting will be held at 7 pm at the Town Municipal Building located at 104 Main Street in Hortonville, NY. You are welcome to attend the meeting and make comments directly to the Board if you wish.

Should you require any additional information, or have questions or concerns, please contact me at (607) 432-8073 or via email at rchiappisi@delawareengineering.com.

Respectfully,

DELAWARE ENGINEERING, D.P.C.



Robert Chiappisi
Technician

CC: Tess McBeath, Town Clerk, via email
Ed Sykes, Town Supervisor, via email
Kenneth Klein, Town Attorney, via email

Enclosures

P:\Town of Delaware\Callicoon Water system\SEQR\SEQR Letter to Potentially Interested Parties 1-12-18.docx

Please return comments to: Delaware Engineering, D.P.C.
8-12 Dietz Street
Suite 303
Oneonta, NY 13820
ATTN: William Brown, PE

Town of Delaware, NY
Callicoon Water System
SEQR Review Meeting
February 14, 2018

Notice of Intent to Serve as Lead Agency

NOTICE OF INTENT TO SERVE AS LEAD AGENCY UNDER SEQRA
Lead Agency Must Be Designated within Thirty (30) Calendar Days

This Notice is issued pursuant to Part 617, Article 8 of the Environmental Conservation Law (State Environmental Quality Review Act) for the purpose of designating a Lead Agency for a coordinated environmental quality review of the following Proposed Action:

Date: **January 12, 2018**
Project Name: **Hamlet of Callicoon Water System**
Location: **Town of Delaware, Sullivan County**
SEQRA Status: **Type 1 Action**

Project Description:
The Town of Delaware is seeking to determine the public benefit to the residents of the Hamlet of Callicoon in establishing a special improvement water district. The existing public water supply is currently owned by the Callicoon Water Company. Establishing the special district will require that the Town assume ownership and control of the water system. The existing system is in disrepair and will require rehabilitation.

In addition to the creation of a special improvement water district, the project will include the razing of the existing well/treatment house for Well#1 and the construction of a new 600sf well/treatment house on the same site. The location of the well house is in a designated floodplain and construction of the new well house will be required to meet NYS building code requirements and acquire a permit from the local flood plain administrator. Additionally, a by-pass channel connecting the Callicoon Creek and the Delaware River, located adjacent to the well house and installed by Sullivan County following the 2006 floods, will be filled in to prevent ground water contamination of the water source. The project also includes the replacement of approximately 7,150 feet of water distribution lines, the installation of water meters at all properties served by the water system, and the rehabilitation of a 2nd well house located on Railroad Avenue. No structural changes will be made to well house #2.

The Town has been notified by the New York State Department of Health that is eligible for funding through the New York State Environmental Facilities Corporation Drinking Water State Revolving Fund to finance the engineering, legal, administration and construction of the improvements. The project will be classified as a Type 1 action.

Declaration of Intent to Serve as Lead Agency:
Please take notice that, under the applicable standards of Title 6 Part 617.6 NYCRR, the Town of Delaware Town Board has concluded that this action requires a coordinated environmental review. The Town Board passed a resolution on January 10, 2018 stating their intent to serve as lead agency.

This Notice, accompanied by the Part 1 of the Full EAF and a copy of the project description and site map, is being sent to you and all other identified involved agencies with a request for consent, in writing, to the Town Board serving as Lead Agency. Should you not respond within thirty (30) calendar days from the date shown above, it will be interpreted as consent that the Town Board serve as Lead Agency.

Should you not agree with the Town Board's designation as Lead Agency, please follow the procedures outlined in Title 6 Part 617.6(b) NYCRR. In addition to your consideration of Lead

Agency designation, the Town Board welcomes any comments you may have regarding the Proposed Action. Receipt of these comments within thirty (30) calendar days would be appreciated.

Final determination of this action will be published in the New York State Department of Environmental Conservation Environmental Notice Bulletin.

Contact Person: **Bill Brown, P.E.**
Delaware Engineering, D.P.C.
8-12 Dietz Street
Suite 303
Oneonta, New York 13820
(607) 432-8073 (Telephone)
(607) 432-0432 (Fax)

Town of Delaware, NY
Callicoon Water System
SEQR Review Meeting
February 14, 2018

List of potentially interested parties
(That received mailing/comment query)

Town of Delaware, NY
Callicoon Water System
SEQR Review Meeting
February 14, 2018

Letters were sent to 14 potentially involved parties notifying them of the proposed action and requesting that comments be provided prior to the February 14, 2018 Town Board meeting. 5 responses were received, as indicated below, and are included in the correspondence section of this document. Additionally, this project was submitted for review with the NYS State Historic Preservation Office through the CRIS system and to the NY Natural Heritage Program through their online portal.

Sullivan County Planning- **RESPONDED**
Freda Eisenberg
Sullivan County Division of Planning
And Environmental Management
100 North Street
Monticello, NY 12701
Phone: 845-807-0527

Sullivan County DOT
Ed Mall
Division of Public Works
Transportation Department
100 North Street
Monticello, NY 12701
Phone: 845-807-0261

NYS DEC
NYS DEC Region 3 Permits Office
21 South Putt Corners Road
New Paltz, NY 12561
Phone: 845-256-3054

NYS DOT – **RESPONDED**
Ron Romanowsky
New York State Department of Transportation
44 Hawley Street
Binghamton, NY 13901
Phone: 607-721-8114

NYS Ag and Markets - **RESPONDED**
Bob Somers
Department of Ag & Markets
10 B Airline Drive
Albany, NY 12235
Phone: 518-457-3738

NYS DOH
Glen Illing, P.E.
NYSDOH Monticello Office
50 North Street, Suite 2
Monticello, NY 12701

Fish & Wild Life - **RESPONDED**
NY Natural Heritage Program - Information Services
NYS DEC
625 Broadway, 5th Floor
Albany, NY 12233-4757
Phone: (518) 402-8935

U.S. Army Corp. of Engineers
US Army Corps of Engineers
Upstate Regulatory Field Office
Attn: CENAN-OP-RU, Bldg 10
3rd Floor North
1 Buffington Street, Watervliet Arsenal
Watervliet, NY 12189-4000
Phone: 518-266-6350

U.S. Dept. of Interior Fish & Wildlife **RESPONDED**
Mr. David Stillwell
U.S. Department of the Interior
Fish and Wildlife Service
3817 Luker Road
Cortland, NY 13045
Phone: 607-753-9334

NYS Department of State
NYS Department of State
Office of Planning and Development
Consistency Review Unit
99 Washington Ave
Suite 1010
Albany, NY 12231
Phone: 518-474-6000

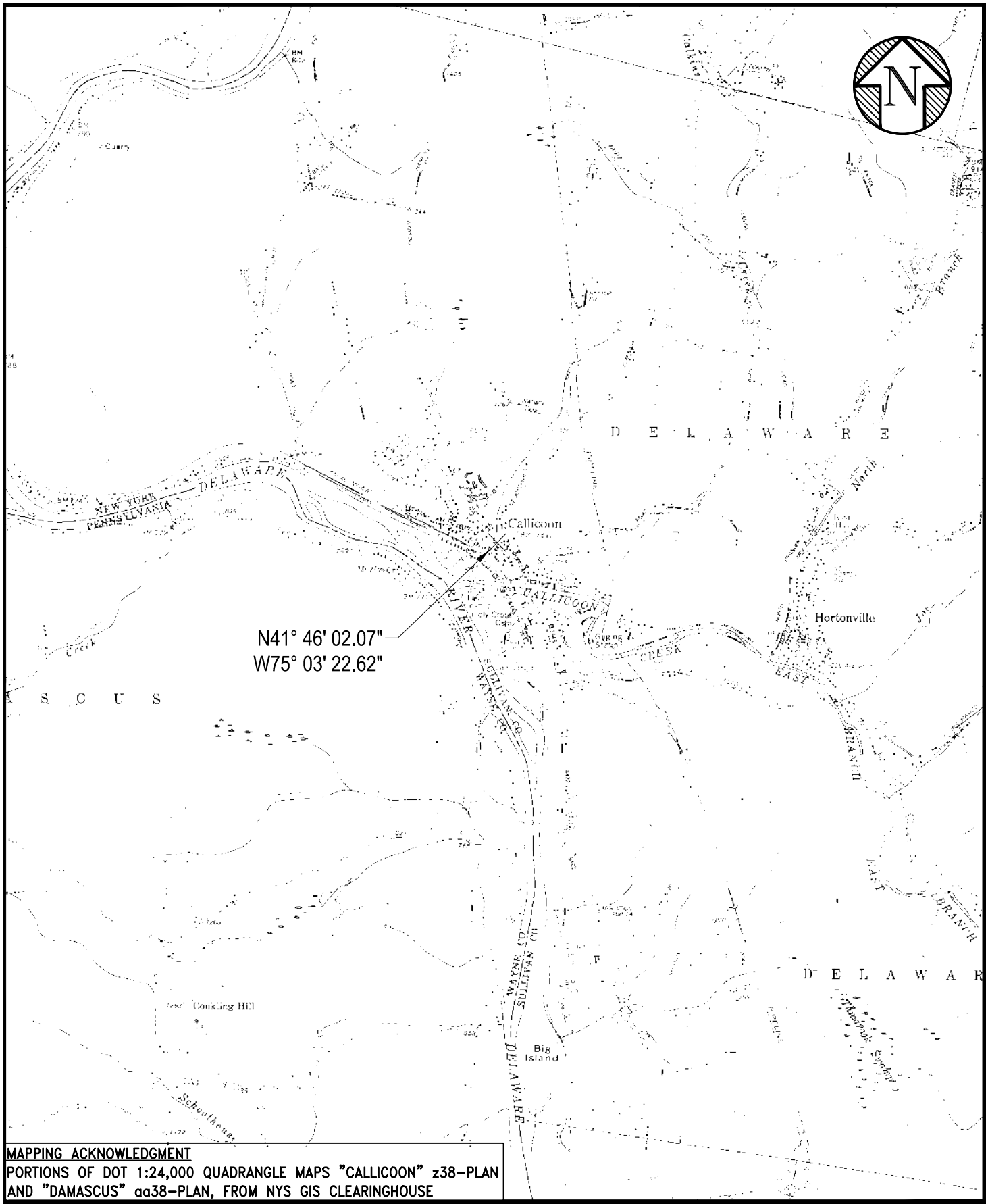
NYS EFC **RESPONDED**
Mr. William Brizzell
NYS Environmental Facilities Corporation
625 Broadway
Albany, NY 12207-2997

Hudson Valley Regional Council
Ms. Patricia Pomeroy, Executive Director
Hudson Valley Regional Council
3 Washington Center
2nd floor
Newburgh, NY 12550-4667

Upper Delaware Scenic & Recreational River-
RESPONDED
274 River Road
Beach Lake, PA 18405

Delaware River Basin Commission
David Kovach, Project Review Manager
Delaware River Basin Commission
25 Cosey Road, PO Box 7360
West Trenton, NJ 08628-0360

USGS Map with Proposed Location



MAPPING ACKNOWLEDGMENT
PORTIONS OF DOT 1:24,000 QUADRANGLE MAPS "CALLICOON" z38-PLAN AND "DAMASCUS" aa38-PLAN, FROM NYS GIS CLEARINGHOUSE

SHEET NO:

FIG 1

HAMLET OF CALLICOON

TOWN OF DELAWARE, N.Y
SULLIVAN COUNTY, N.Y.

DATE:	8/29/17
DRAWN BY:	MO
SCALE:	1"=3,000'
REVIEWED BY:	DRO
PROJECT NO.:	
FILE:	DELAWARE (T) CALL

DELAWARE ENGINEERING, D.P.C.

ONEONTA
8-12 Dietz Street, suite 303, Oneonta, NY 13820 - 607.432.8073
ALBANY
28 Madison Avenue Extension, Albany, NY 12203 - 518.452.1290
WALTON
6 Townsend Street, Walton, NY 13856 - 607.865.92354
LIBERTY
31 N. Main Street, Liberty, NY 12754 - 845.747.9952

Town of Delaware, NY
Callicoon Water System
SEQR Review Meeting
February 14, 2018

Proposed Site Plan

HAMLET OF CALLICOON
EXISTING WATER SYSTEM

TOWN OF DELAWARE, SULLIVAN COUNTY, NYS

N

8,000 GALLON ELEVATED WATER TANK

290,000 GALLON COVERED RESERVOIR AND PUMP HOUSE

MITCHELL SPRING

BLACKER SPRING

BLOW OFF

BLOW OFF

WELL #2

CAISON WELL

BYPASS CHANNEL

PENNSLYVANIA

NEW YORK

STATE HIGHWAY 97

DEL VUE TER

DEL VUE RD

HORSESHOE LN

OLD HANKINS RD

FREMONT ST

RAILROAD AVE

RIVER RD

SCHOOL ST

HIGH ST

GREGORY ST

ACADEMY ST

OLYMPIA HILL ST

MITCHELL AVE

HIGHVIEW AVE

COUNTY ROAD 153

MAIN ST

BRIDGE ST

DORRER DR

ST JOSEPHS SEMINARY RD

MILL ST

LOWER MAIN ST

STATE HIGHWAY 17B

CREAMERY RD

VIADUCT RD

STATE ROUTE 97

HOSPITAL RD

TOWN OF DELAWARE

LEGEND

- GATE VALVES
- HYDRANTS
- 1 IN WATER MAINS
- 2 IN WATER MAINS
- 8 IN WATER MAINS
- 4 IN WATER MAINS
- 6 IN WATER MAINS
- 100_YEAR
- FLOODWAY
- MUNICIPAL BOUNDARIES
- TAX PARCEL BOUNDARIES

0 100 200 400 600 800 Feet

PREPARED BY DELAWARE ENGINEERING D.P.C. AUGUST 2017

SOURCES: NYS DIGITAL ORHTO IMAGERY 2016
DELAWARE CO. HANCOCK (v) 2015 DIGITAL TAX PARCELS

Town of Delaware, NY
Callicoon Water System
SEQR Review Meeting
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Full EAF Part 1

Full Environmental Assessment Form
Part 1 - Project and Setting

Instructions for Completing Part 1

Part 1 is to be completed by the applicant or project sponsor. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification.

Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information; indicate whether missing information does not exist, or is not reasonably available to the sponsor; and, when possible, generally describe work or studies which would be necessary to update or fully develop that information.

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

A. Project and Sponsor Information.

Name of Action or Project: Town of Delaware new water district for the Hamlet of Callicoon		
Project Location (describe, and attach a general location map): Hamlet of Callicoon, Town of Delaware, Sullivan County NY. (See site map)		
Brief Description of Proposed Action (include purpose or need): At the request of the Callicoon Water Company (CWC), owner of the public water system (NYSDOH Public Water Supply ID NY5203321), the Town of Delaware is proposing to establish an improvement district in the Hamlet of Callicoon and assume ownership of the water system. If approved by the Town Board, the Town would acquire all real property currently under the ownership of the CWC, including all buildings, equipment, appurtenances and other improvements thereon. The water district will encompass the real property currently served, and will not be expanded beyond the limits of the existing system. The Town is eligible for funding through the NYSEFC to implement improvements to the existing system and to address regulatory requirements and maintenance needs. As part of the project, an existing well house will be razed and a new 600 sf well/treatment house will be built to meet NYS Building Code standards for construction in a floodplain on the same site as the existing well house (Well #1) and 7,150' of existing distribution pipe will be replaced. The project also includes the reclamation of the area adjacent to Well#1. The area in question is by-pass channel installed by Sullivan County following the floods of 2006 that connects the Callicoon Creek to the Delaware River. The channel is within 200' of the primary water source and is a potential source of surface water contamination. Reclamation of the area is needed to protect the water source.		
Name of Applicant/Sponsor: Town of Delaware, Town Board	Telephone: (845) 887-5250 E-Mail: delawaretownclerk@hvc.rr.com	
Address: 104 Main Street		
City/PO: Hortonville	State: NY	Zip Code: 12745
Project Contact (if not same as sponsor; give name and title/role): Delaware Engineering, D.P.C	Telephone: (607) 432-8073 E-Mail: rchiappisi@delawareengineering.com	
Address: 8-12 Dietz Street, Suite 303		
City/PO: Oneonta	State: NY	Zip Code: 13820
Property Owner (if not same as sponsor): Callicoon Water Company, Richard Baum --President	Telephone: 845-887-4425 E-Mail: callicoonwaterco@hvc.rr.com	
Address: 39 Lower Main Street, PO Box 277		
City/PO: Callicoon	State: NY	Zip Code: 12723

B. Government Approvals

B. Government Approvals, Funding, or Sponsorship. ("Funding" includes grants, loans, tax relief, and any other forms of financial assistance.)		
Government Entity	**If Yes: Identify Agency and Approval(s) Required**	**Application Date (Actual or projected)**
a. City Council, Town Board, or Village Board of Trustees ☑Yes☐No	Town Board - creation of water district	
b. City, Town or Village Planning Board or Commission ☐Yes☑No		
c. City Council, Town or Village Zoning Board of Appeals ☐Yes☑No		
d. Other local agencies ☐Yes☑No		
e. County agencies ☑Yes☐No	Sullivan County Planning-239m referral; NYSDOH	
f. Regional agencies ☑Yes☐No	Delaware River Basin Commission, NYS DEC	
g. State agencies ☑Yes☐No	NYSEFC, NYS Office of the Comptroller, NYSDOS (LWRP),NYSHPO, NYSDOT HWP	
h. Federal agencies ☐Yes☐No	USACOE; National Park Service	

i. Coastal Resources.
i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway? ☐Yes☑No

ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program? ☑Yes☐No

iii. Is the project site within a Coastal Erosion Hazard Area? ☐Yes☑No

C. Planning and Zoning

C.1. Planning and zoning actions.

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

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

C.2. Adopted land use plans.

a. Do any municipally- adopted (city, town, village or county) comprehensive land use plan(s) include the site where the proposed action would be located? ☑Yes☐No

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

b. Is the site of the proposed action within any local or regional special planning district (for example: Greenway Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; or other?) ☑Yes☐No

If Yes, identify the plan(s):

NYS Major Basins:Upper Delaware

Local Waterfront Revitalization Plan (LWRP) and the Delaware River Basin Commission

c. Is the proposed action located wholly or partially within an area listed in an adopted municipal open space plan, or an adopted municipal farmland protection plan? ☑Yes☐No

If Yes, identify the plan(s):

The Town of Delaware has an established farmland protection plan (2009) which includes the Hamlet of Callicoon. However, no existing farmland will be affected by the proposed project, nor are there any open spaces that will be adversely impacted by the project.

C.3. Zoning

a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. ☑ Yes ☐ No
If Yes, what is the zoning classification(s) including any applicable overlay district?
The project encompasses the entire Hamlet of Callicoon. CAL-R1 (Residential), CAL B1 (Business), Downtown Overlay District

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

c. Is a zoning change requested as part of the proposed action? ☐ Yes ☑ No
If Yes,
i. What is the proposed new zoning for the site?

C.4. Existing community services.

a. In what school district is the project site located? Sullivan West School District

b. What police or other public protection forces serve the project site?
NY State Police; Sullivan County Sheriff Department

c. Which fire protection and emergency medical services serve the project site?
Hortonville Volunteer FD; Kenoza Lake Fire Company, Callicoon FC; Jeffersonville FC; Jeffersonville First Aid Corp; Upper Delaware Ambulance Corp

d. What parks serve the project site?
Upper Delaware Scenic and Recreational Area

D. Project Details

D.1. Proposed and Potential Development

a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed, include all components)? Municipal water system

b. a. Total acreage of the site of the proposed action? 293 acres
b. Total acreage to be physically disturbed? 2.3 acres
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 2.3 acres

c. Is the proposed action an expansion of an existing project or use? ☐ Yes ☑ No
i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % _____ Units: _____

d. Is the proposed action a subdivision, or does it include a subdivision? ☐ Yes ☑ No
If Yes,
i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types)
ii. Is a cluster/conservation layout proposed? ☐ Yes ☐ No
iii. Number of lots proposed? _____
iv. Minimum and maximum proposed lot sizes? Minimum _____ Maximum _____

e. Will proposed action be constructed in multiple phases? ☐ Yes ☑ No
i. If No, anticipated period of construction: 13 months
ii. If Yes:
- Total number of phases anticipated _____
- Anticipated commencement date of phase 1 (including demolition) _____ month _____ year
- Anticipated completion date of final phase _____ month _____ year
- Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases:

f. Does the project include new residential uses? ☐ Yes ☑ No

If Yes, show numbers of units proposed.

	One Family	Two Family	Three Family	Multiple Family (four or more)
Initial Phase				
At completion of all phases				

g. Does the proposed action include new non-residential construction (including expansions)? ☑ Yes ☐ No

If Yes, New well/treatment house

i. Total number of structures 1

ii. Dimensions (in feet) of largest proposed structure: 15 feet height; 20 feet width; and 30 feet length

iii. Approximate extent of building space to be heated or cooled: 600 square feet

h. Does the proposed action include construction or other activities that will result in the impoundment of any liquids, such as creation of a water supply, reservoir, pond, lake, waste lagoon or other storage? ☐ Yes ☑ No

If Yes,

i. Purpose of the impoundment: _____

ii. If a water impoundment, the principal source of the water: ☐ Ground water ☐ Surface water streams ☐ Other specify: _____

iii. If other than water, identify the type of impounded/contained liquids and their source. _____

iv. Approximate size of the proposed impoundment. Volume: _____ million gallons; surface area: _____ acres

v. Dimensions of the proposed dam or impounding structure: _____ height; _____ length

vi. Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete): _____

D.2. Project Operations

a. Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both? (Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite) ☐ Yes ☑ No

If Yes:

i. What is the purpose of the excavation or dredging? _____

ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?

- Volume (specify tons or cubic yards): _____
- Over what duration of time? _____

iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them. _____

iv. Will there be onsite dewatering or processing of excavated materials? ☐ Yes ☐ No

If yes, describe. _____

v. What is the total area to be dredged or excavated? _____ acres

vi. What is the maximum area to be worked at any one time? _____ acres

vii. What would be the maximum depth of excavation or dredging? _____ feet

viii. Will the excavation require blasting? ☐ Yes ☐ No

ix. Summarize site reclamation goals and plan: _____

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, waterbody, shoreline, beach or adjacent area? ☑ Yes ☐ No

If Yes:

i. Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description): An existing by-pass channel connecting the Delaware River to the Callicoon Creek will be re-filled to prevent well water contamination from surface water.

ii. Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, fill, placement of structures, or alteration of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square feet or acres:
An area approximately 850' long X 60' wide X 9' deep will be filled in to prevent well contamination from surface water. It is not anticipated to have a significant adverse impact on either the Delaware River or the Callicoon Creek. The by-pass channel was dug in 2006 in response to a local flood event. Fill materials from a nearby Town of Delaware project site will be used to fill the channel.

iii. Will proposed action cause or result in disturbance to bottom sediments? ☐ Yes ☑ No
If Yes, describe:

iv. Will proposed action cause or result in the destruction or removal of aquatic vegetation? ☐ Yes ☑ No
If Yes:

- acres of aquatic vegetation proposed to be removed:
- expected acreage of aquatic vegetation remaining after project completion:
- purpose of proposed removal (e.g. beach clearing, invasive species control, boat access):
- proposed method of plant removal:
- if chemical/herbicide treatment will be used, specify product(s):

v. Describe any proposed reclamation/mitigation following disturbance:

c. Will the proposed action use, or create a new demand for water? ☑ Yes ☐ No
If Yes:

i. Total anticipated water usage/demand per day: Approximately 50,000 gallons/day

ii. Will the proposed action obtain water from an existing public water supply? ☑ Yes ☐ No
If Yes:

- Name of district or service area: Existing Callicoon Water Co. to be new Town Water District
- Does the existing public water supply have capacity to serve the proposal? ☑ Yes ☐ No
- Is the project site in the existing district? ☑ Yes ☐ No
- Is expansion of the district needed? ☐ Yes ☑ No
- Do existing lines serve the project site? ☑ Yes ☐ No

iii. Will line extension within an existing district be necessary to supply the project? ☐ Yes ☑ No
If Yes:

- Describe extensions or capacity expansions proposed to serve this project:
- Source(s) of supply for the district: PWS ID No. NY5203321

iv. Is a new water supply district or service area proposed to be formed to serve the project site? ☑ Yes ☐ No
If, Yes:

- Applicant/sponsor for new district: Town of Delaware
- Date application submitted or anticipated: April 2018- Town Board is the local reviewing/approval agency
- Proposed source(s) of supply for new district: 2 existing wells

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

vi. If water supply will be from wells (public or private), maximum pumping capacity: 127 gallons/minute.

d. Will the proposed action generate liquid wastes? ☐ Yes ☑ No
If Yes:

i. Total anticipated liquid waste generation per day: gallons/day

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

iii. Will the proposed action use any existing public wastewater treatment facilities? ☑ Yes ☐ No
If Yes:

- Name of wastewater treatment plant to be used: Town of Delaware WWTP in the Hamlet of Callicoon
- Name of district: Callicoon sewer district
- Does the existing wastewater treatment plant have capacity to serve the project? ☑ Yes ☐ No
- Is the project site in the existing district? ☑ Yes ☐ No
- Is expansion of the district needed? ☐ Yes ☑ No

- Do existing sewer lines serve the project site? ☑ Yes ☐ No
- Will line extension within an existing district be necessary to serve the project? ☐ Yes ☑ No

If Yes:

- Describe extensions or capacity expansions proposed to serve this project: _____

iv. Will a new wastewater (sewage) treatment district be formed to serve the project site? ☐ Yes ☑ No

If Yes:

- Applicant/sponsor for new district: _____
- Date application submitted or anticipated: _____
- What is the receiving water for the wastewater discharge? _____

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

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

e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point source (i.e. sheet flow) during construction or post construction? ☑ Yes ☐ No

If Yes:

i. How much impervious surface will the project create in relation to total size of project parcel?

_____ Square feet or _____ acres (impervious surface)

_____ Square feet or _____ acres (parcel size)

ii. Describe types of new point sources. Areas to be disturbed during construction to be restored to existing condition. NO new impervious areas are proposed

iii. Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent properties, groundwater, on-site surface water or off-site surface waters)?

Best management practices to be implemented during construction. No new increase in impervious areas are proposed under the project

- If to surface waters, identify receiving water bodies or wetlands: _____
- Will stormwater runoff flow to adjacent properties? ☐ Yes ☑ No

iv. Does proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater? ☑ Yes ☐ No

f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations? ☑ Yes ☐ No

If Yes, identify:

i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)

Heavy equipment will be used for the bypass channel reclamation, building construction and pipe replacement during the construction phase.

ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)

None

iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation)

None

g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit, or Federal Clean Air Act Title IV or Title V Permit? ☐ Yes ☑ No

If Yes:

i. Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year) ☐ Yes ☐ No

ii. In addition to emissions as calculated in the application, the project will generate:

- _____ Tons/year (short tons) of Carbon Dioxide (CO_2)
- _____ Tons/year (short tons) of Nitrous Oxide (N_2O)
- _____ Tons/year (short tons) of Perfluorocarbons (PFCs)
- _____ Tons/year (short tons) of Sulfur Hexafluoride (SF_6)
- _____ Tons/year (short tons) of Carbon Dioxide equivalent of Hydroflourocarbons (HFCs)
- _____ Tons/year (short tons) of Hazardous Air Pollutants (HAPs)

h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)? ☐Yes ☑No

If Yes:

i. Estimate methane generation in tons/year (metric): _____

ii. Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring): _____

i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as quarry or landfill operations? ☐Yes ☑No

If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust):

j. Will the proposed action result in a substantial increase in traffic above present levels or generate substantial new demand for transportation facilities or services? ☐Yes ☑No

If Yes:

i. When is the peak traffic expected (Check all that apply): ☐ Morning ☐ Evening ☐Weekend
☐ Randomly between hours of _____ to _____.

ii. For commercial activities only, projected number of semi-trailer truck trips/day: _____

iii. Parking spaces: Existing _____ Proposed _____ Net increase/decrease _____

iv. Does the proposed action include any shared use parking? ☐Yes ☐No

v. If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe:

vi. Are public/private transportation service(s) or facilities available within ½ mile of the proposed site? ☐Yes ☐No

vii Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? ☐Yes ☐No

viii. Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? ☐Yes ☐No

k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy? ☑Yes ☐No

If Yes:

i. Estimate annual electricity demand during operation of the proposed action:
A 5 HP pump to be operated at upgraded well/treatment building to pump water through the filtration system.

ii. Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility, or other):
NYSEG

iii. Will the proposed action require a new, or an upgrade to, an existing substation? ☐Yes ☑No

l. Hours of operation. Answer all items which apply.

i. During Construction:
- Monday - Friday: 7am - 4 pm
- Saturday: _____
- Sunday: _____
- Holidays: _____

ii. During Operations:
- Monday - Friday: 24 hrs/day as needed
- Saturday: 24 hrs/day as needed
- Sunday: 24 hrs/day as needed
- Holidays: 24 hrs/day as needed

m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both? ☑ Yes ☐ No

If yes:

i. Provide details including sources, time of day and duration:

Noise from construction activities (heavy equipment and power tools) will occur intermittently for approximately 13 months, between the hours of 7am and 4 pm.

ii. Will proposed action remove existing natural barriers that could act as a noise barrier or screen? ☐ Yes ☑ No

Describe: _____

n.. Will the proposed action have outdoor lighting? ☑ Yes ☐ No

If yes:

i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:

Exterior building mounted safety lighting. Lighting will be contained to the well house sites. There are residential uses adjacent to well house #2 on Railroad Avenue.

ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen? ☐ Yes ☑ No

Describe: _____

o. Does the proposed action have the potential to produce odors for more than one hour per day? ☐ Yes ☑ No

If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures: _____

p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage? ☐ Yes ☑ No

If Yes:

i. Product(s) to be stored _____

ii. Volume(s) _____ per unit time _____ (e.g., month, year)

iii. Generally describe proposed storage facilities: _____

q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation? ☐ Yes ☑ No

If Yes:

i. Describe proposed treatment(s):

ii. Will the proposed action use Integrated Pest Management Practices? ☐ Yes ☐ No

r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)? ☑ Yes ☐ No

If Yes:

i. Describe any solid waste(s) to be generated during construction or operation of the facility:

- Construction: 8 tons per 13 months (unit of time)
- Operation : 1/4 tons per year (unit of time)

ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:

- Construction: _____
- Operation: _____

iii. Proposed disposal methods/facilities for solid waste generated on-site:

- Construction: Building materials will be disposed of at an approved landfill
- Operation: Waste generated on-site during operation will be transported to an approved landfill for disposal. Waste will primarily come from chemical packaging used for water treatment (containment totes, filter cartridges etc.)

s. Does the proposed action include construction or modification of a solid waste management facility? ☐ Yes ☑ No

If Yes:

i. Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill, or other disposal activities): _____

ii. Anticipated rate of disposal/processing:

- _____ Tons/month, if transfer or other non-combustion/thermal treatment, or
- _____ Tons/hour, if combustion or thermal treatment

iii. If landfill, anticipated site life: _____ years

t. Will proposed action at the site involve the commercial generation, treatment, storage, or disposal of hazardous waste? ☐ Yes ☑ No

If Yes:

i. Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility: _____

ii. Generally describe processes or activities involving hazardous wastes or constituents: _____

iii. Specify amount to be handled or generated _____ tons/month

iv. Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents: _____

v. Will any hazardous wastes be disposed at an existing offsite hazardous waste facility? ☐ Yes ☐ No

If Yes: provide name and location of facility: _____

If No: describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility:

E. Site and Setting of Proposed Action

E.1. Land uses on and surrounding the project site

a. Existing land uses.

i. Check all uses that occur on, adjoining and near the project site.

☐ Urban ☐ Industrial ☑ Commercial ☑ Residential (suburban) ☐ Rural (non-farm)
☐ Forest ☐ Agriculture ☐ Aquatic ☐ Other (specify): _____

ii. If mix of uses, generally describe:

The Hamlet of Callicoon consists of primarily residential properties with a mix of commercial and residential uses downtown.

b. Land uses and covertypes on the project site.

Land use or Covertype	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces	36 acres	36 acres	
• Forested	192.5 acres	192.5 acres	
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)	64 acres	64 acres	
• Agricultural (includes active orchards, field, greenhouse etc.)	0	0	
• Surface water features (lakes, ponds, streams, rivers, etc.)	0.5 acres	0.5 acres	
• Wetlands (freshwater or tidal)	0	0	
• Non-vegetated (bare rock, earth or fill)	0	0	
• Other Describe: _____			

c. Is the project site presently used by members of the community for public recreation? ☐Yes ☑No

i. If Yes: explain: _____

d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site? ☑Yes ☐No

If Yes,

i. Identify Facilities:

Delaware Valley Job Corps Academy, Delaware Youth Center,

e. Does the project site contain an existing dam? ☐Yes ☑No

If Yes:

i. Dimensions of the dam and impoundment:

- Dam height: _____ feet
- Dam length: _____ feet
- Surface area: _____ acres
- Volume impounded: _____ gallons OR acre-feet

ii. Dam's existing hazard classification: _____

iii. Provide date and summarize results of last inspection:

f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility? ☐Yes ☑No

If Yes:

i. Has the facility been formally closed? ☐Yes ☐No

- If yes, cite sources/documentation: _____

ii. Describe the location of the project site relative to the boundaries of the solid waste management facility:

iii. Describe any development constraints due to the prior solid waste activities: _____

g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste? ☐Yes ☑No

If Yes:

i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred:

h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any remedial actions been conducted at or adjacent to the proposed site? ☐Yes ☑No

If Yes:

i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply: ☐Yes ☐No

☐ Yes – Spills Incidents database — Provide DEC ID number(s): _____

☐ Yes – Environmental Site Remediation database — Provide DEC ID number(s): _____

☐ Neither database

ii. If site has been subject of RCRA corrective activities, describe control measures: _____

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

If yes, provide DEC ID number(s): _____

iv. If yes to (i), (ii) or (iii) above, describe current status of site(s):

v. Is the project site subject to an institutional control limiting property uses? ☐Yes ☑No

- If yes, DEC site ID number: _____
- Describe the type of institutional control (e.g., deed restriction or easement): _____
- Describe any use limitations: _____
- Describe any engineering controls: _____
- Will the project affect the institutional or engineering controls in place? ☐Yes ☐No
- Explain: _____

E.2. Natural Resources On or Near Project Site

a. What is the average depth to bedrock on the project site? 15 feet

b. Are there bedrock outcroppings on the project site? ☐Yes ☑No
If Yes, what proportion of the site is comprised of bedrock outcroppings? _____ %

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

SwE Swartswood & Laclawanna	17.5 %
Fu Fluvients -Udifluents	12.4 %
WIC Wellsboro and Wurtsboro	11.9 %

d. What is the average depth to the water table on the project site? Average: 10 feet

e. Drainage status of project site soils:
☑ Well Drained: 75 % of site
☑ Moderately Well Drained: 25 % of site
☐ Poorly Drained _____ % of site

f. Approximate proportion of proposed action site with slopes:
☐ 0-10%: 30 % of site
☐ 10-15%: 20 % of site
☐ 15% or greater: 50 % of site

g. Are there any unique geologic features on the project site? ☐Yes ☑No
If Yes, describe: _____

h. Surface water features.

i. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)? ☑Yes ☐No

ii. Do any wetlands or other waterbodies adjoin the project site? ☑Yes ☐No

If Yes to either *i* or *ii*, continue. If No, skip to E.2.i.

iii. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? ☑Yes ☐No

iv. For each identified regulated wetland and waterbody on the project site, provide the following information:

- Streams: Name 815-345, 815-2, 815-397 Classification C(T), A(T)
- Lakes or Ponds: Name _____ Classification _____
- Wetlands: Name Federal Waters, Federal Waters, Federal Waters,... Approximate Size _____
- Wetland No. (if regulated by DEC) _____

v. Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired waterbodies? ☐Yes ☑No

If yes, name of impaired water body/bodies and basis for listing as impaired: _____

i. Is the project site in a designated Floodway? ☑Yes ☐No

j. Is the project site in the 100 year Floodplain? ☑Yes ☐No

k. Is the project site in the 500 year Floodplain? ☑Yes ☐No

l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? ☑Yes ☐No
If Yes:

i. Name of aquifer: Principal Aquifer

m. Identify the predominant wildlife species that occupy or use the project site:
Mice, Rabbits, squirrels
Deer

n. Does the project site contain a designated significant natural community? ☐Yes ☑No
If Yes:
i. Describe the habitat/community (composition, function, and basis for designation):
ii. Source(s) of description or evaluation:
iii. Extent of community/habitat:
- Currently: _____ acres
- Following completion of project as proposed: _____ acres
- Gain or loss (indicate + or -): _____ acres

o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species? ☑Yes ☐No

Brook Floater, Bald Eagle, Dwarf Wedgemussel

p. Does the project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern? ☑Yes ☐No

Delaware River Clubtail

q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? ☑Yes ☐No
If yes, give a brief description of how the proposed action may affect that use:
This action will have no impact on recreational uses for either the Callicoon Creek or the Delaware River

E.3. Designated Public Resources On or Near Project Site

a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304? ☑Yes ☐No
If Yes, provide county plus district name/number: SULL001

b. Are agricultural lands consisting of highly productive soils present? ☐Yes ☑No
i. If Yes: acreage(s) on project site?
ii. Source(s) of soil rating(s):

c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark? ☐Yes ☑No
If Yes:
i. Nature of the natural landmark: ☐ Biological Community ☐ Geological Feature
ii. Provide brief description of landmark, including values behind designation and approximate size/extent:

d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? ☐Yes ☑No
If Yes:
i. CEA name:
ii. Basis for designation:
iii. Designating agency and date:

e. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on, or has been nominated by the NYS Board of Historic Preservation for inclusion on, the State or National Register of Historic Places? ☑ Yes ☐ No

If Yes:

i. Nature of historic/archaeological resource: ☐ Archaeological Site ☑ Historic Building or District

ii. Name: Callicoon National Bank, Callicoon Downtown Historic District, Callicoon Methodist Church and Parsonage, St. James Ch...

iii. Brief description of attributes on which listing is based:

f. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory? ☑ Yes ☐ No

g. Have additional archaeological or historic site(s) or resources been identified on the project site? ☐ Yes ☑ No

If Yes:

i. Describe possible resource(s): No. But the area has been identified as archaeologically sensitive. This project was submitted to SHPO for

ii. Basis for identification: for consultation and review

h. Is the project site within fives miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource? ☑ Yes ☐ No

If Yes:

i. Identify resource: Delaware River

ii. Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): Designated Wild and Scenic

iii. Distance between project and resource: <1 miles.

i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666? ☑ Yes ☐ No

If Yes:

i. Identify the name of the river and its designation: Delaware River

ii. Is the activity consistent with development restrictions contained in 6NYCRR Part 666? ☐ Yes ☐ No

F. Additional Information

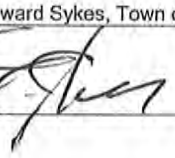
Attach any additional information which may be needed to clarify your project.

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.

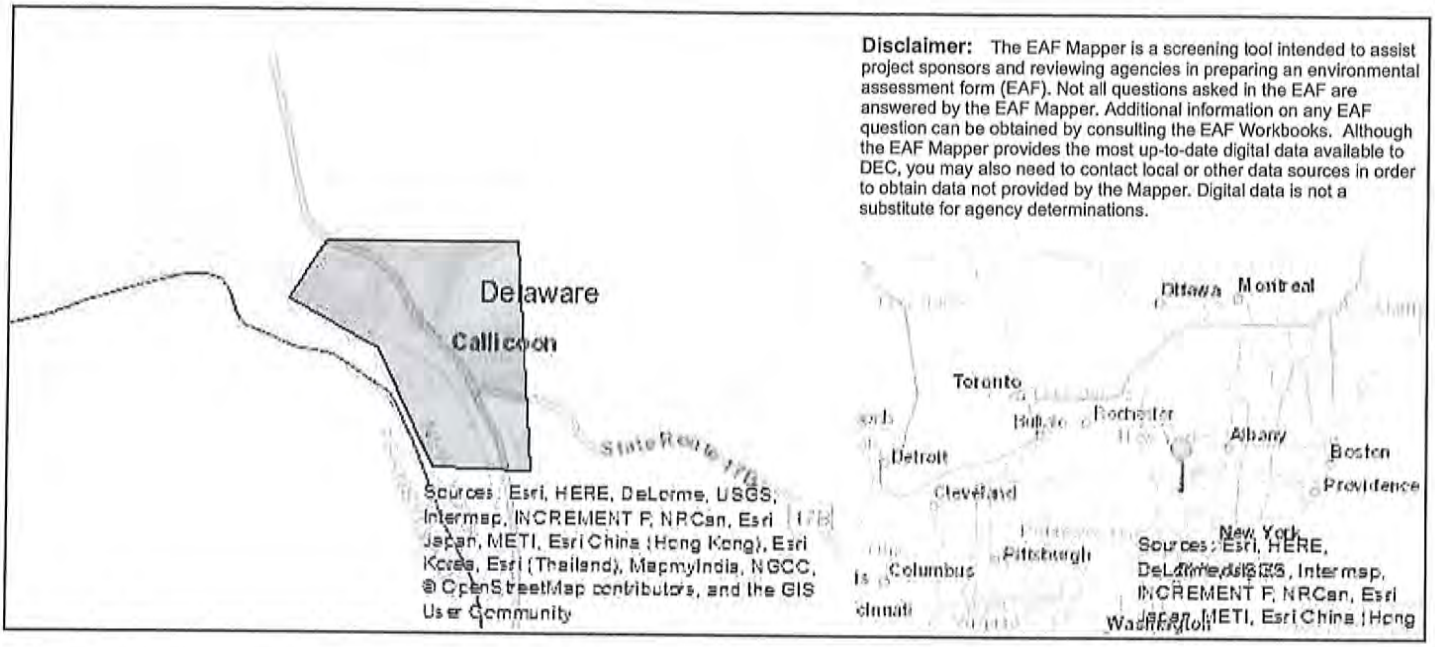
Applicant/Sponsor Name Edward Sykes, Town of Delaware Date 1/10/18

Signature  Title Town Supervisor

PRINT FORM

EAF Mapper Summary Report

Friday, December 22, 2017 9:50 AM



Disclaimer: The EAF Mapper is a screening tool intended to assist project sponsors and reviewing agencies in preparing an environmental assessment form (EAF). Not all questions asked in the EAF are answered by the EAF Mapper. Additional information on any EAF question can be obtained by consulting the EAF Workbooks. Although the EAF Mapper provides the most up-to-date digital data available to DEC, you may also need to contact local or other data sources in order to obtain data not provided by the Mapper. Digital data is not a substitute for agency determinations.

B.i.i [Coastal or Waterfront Area]	No
B.i.ii [Local Waterfront Revitalization Area]	Yes
C.2.b. [Special Planning District]	Yes - Digital mapping data are not available for all Special Planning Districts. Refer to EAF Workbook.
C.2.b. [Special Planning District - Name]	NYS Major Basins:Upper Delaware
E.1.h [DEC Spills or Remediation Site - Potential Contamination History]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Listed]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Environmental Site Remediation Database]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.iii [Within 2,000' of DEC Remediation Site]	No
E.2.g [Unique Geologic Features]	No
E.2.h.i [Surface Water Features]	Yes
E.2.h.ii [Surface Water Features]	Yes
E.2.h.iii [Surface Water Features]	Yes - Digital mapping information on local and federal wetlands and waterbodies is known to be incomplete. Refer to EAF Workbook.
E.2.h.iv [Surface Water Features - Stream Name]	815-345, 815-2, 815-397
E.2.h.iv [Surface Water Features - Stream Classification]	C(T), A(T)
E.2.h.iv [Surface Water Features - Wetlands Name]	Federal Waters
E.2.h.v [Impaired Water Bodies]	No
E.2.i. [Floodway]	Yes
E.2.j. [100 Year Floodplain]	Yes

E.2.k. [500 Year Floodplain]	Yes
E.2.l. [Aquifers]	Yes
E.2.l. [Aquifer Names]	Principal Aquifer
E.2.n. [Natural Communities]	No
E.2.o. [Endangered or Threatened Species]	Yes
E.2.o. [Endangered or Threatened Species - Name]	Brook Floater, Bald Eagle, Dwarf Wedgemussel
E.2.p. [Rare Plants or Animals]	Yes
E.2.p. [Rare Plants or Animals - Name]	Delaware River Clubtail
E.3.a. [Agricultural District]	Yes
E.3.a. [Agricultural District]	SULL001
E.3.c. [National Natural Landmark]	No
E.3.d [Critical Environmental Area]	No
E.3.e. [National Register of Historic Places]	Yes - Digital mapping data for archaeological site boundaries are not available. Refer to EAF Workbook.
E.3.e.ii [National Register of Historic Places - Name]	Callicoon National Bank, Callicoon Downtown Historic District, Callicoon Methodist Church and Parsonage, St. James Church and Rectory, St. Joseph's Seminary
E.3.f. [Archeological Sites]	Yes
E.3.i. [Designated River Corridor]	Yes
E.3.i.i. [Designated River Corridor - Name]	Delaware River

Town of Delaware, NY
Callicoon Water System
SEQR Review Meeting
February 14, 2018

Full EAF Part 2

Full Environmental Assessment Form
Part 2 - Identification of Potential Project Impacts

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

If the lead agency is a state agency **and** the action is in any Coastal Area, complete the Coastal Assessment Form before proceeding with this assessment.

Tips for completing Part 2:

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

1. Impact on Land
Proposed action may involve construction on, or physical alteration of, the land surface of the proposed site. (See Part 1. D.1) ☐ NO ☑ YES
If "Yes", answer questions a - j. If "No", move on to Section 2.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may involve construction on land where depth to water table is less than 3 feet.	E2d	☑	☐
b. The proposed action may involve construction on slopes of 15% or greater.	E2f	☑	☐
c. The proposed action may involve construction on land where bedrock is exposed, or generally within 5 feet of existing ground surface.	E2a	☑	☐
d. The proposed action may involve the excavation and removal of more than 1,000 tons of natural material.	D2a	☑	☐
e. The proposed action may involve construction that continues for more than one year or in multiple phases. **Construction is anticipated to last 13 months**	D1e	☑	☐
f. The proposed action may result in increased erosion, whether from physical disturbance or vegetation removal (including from treatment by herbicides).	D2e, D2q	☑	☐
g. The proposed action is, or may be, located within a Coastal Erosion hazard area.	B1i	☑	☐
h. Other impacts: **To protect the water source from ground water contamination, the by pass channel adjacent to the well will be reclaimed (filled in) and returned to its original state**		☑	☐

2. Impact on Geological Features

The proposed action may result in the modification or destruction of, or inhibit access to, any unique or unusual land forms on the site (e.g., cliffs, dunes, minerals, fossils, caves). (See Part 1. E.2.g) ☑ NO ☐ YES

If "Yes", answer questions a - c. If "No", move on to Section 3.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Identify the specific land form(s) attached: _____ _____	E2g	☐	☐
b. The proposed action may affect or is adjacent to a geological feature listed as a registered National Natural Landmark. Specific feature: _____	E3c	☐	☐
c. Other impacts: _____ _____		☐	☐

3. Impacts on Surface Water

The proposed action may affect one or more wetlands or other surface water bodies (e.g., streams, rivers, ponds or lakes). (See Part 1. D.2, E.2.h) ☐ NO ☑ YES

If "Yes", answer questions a - l. If "No", move on to Section 4.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may create a new water body.	D2b, D1h	☑	☐
b. The proposed action may result in an increase or decrease of over 10% or more than a 10 acre increase or decrease in the surface area of any body of water.	D2b	☑	☐
c. The proposed action may involve dredging more than 100 cubic yards of material from a wetland or water body.	D2a	☑	☐
d. The proposed action may involve construction within or adjoining a freshwater or tidal wetland, or in the bed or banks of any other water body. **Filling in excavated channel by well**	E2h	☑	☐
e. The proposed action may create turbidity in a waterbody, either from upland erosion, runoff or by disturbing bottom sediments.	D2a, D2h	☑	☐
f. The proposed action may include construction of one or more intake(s) for withdrawal of water from surface water.	D2c	☑	☐
g. The proposed action may include construction of one or more outfall(s) for discharge of wastewater to surface water(s).	D2d	☑	☐
h. The proposed action may cause soil erosion, or otherwise create a source of stormwater discharge that may lead to siltation or other degradation of receiving water bodies.	D2e	☑	☐
i. The proposed action may affect the water quality of any water bodies within or downstream of the site of the proposed action.	E2h	☑	☐
j. The proposed action may involve the application of pesticides or herbicides in or around any water body.	D2q, E2h	☑	☐
k. The proposed action may require the construction of new, or expansion of existing, wastewater treatment facilities.	D1a, D2d	☑	☐

l. Other impacts: _____ _____		☑	☐

4. Impact on groundwater

The proposed action may result in new or additional use of ground water, or may have the potential to introduce contaminants to ground water or an aquifer. (See Part 1. D.2.a, D.2.c, D.2.d, D.2.p, D.2.q, D.2.t) ☐ NO ☑ YES

If "Yes", answer questions a - h. If "No", move on to Section 5.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may require new water supply wells, or create additional demand on supplies from existing water supply wells. **Action will decrease demand on existing supply**	D2c	☑	☐
b. Water supply demand from the proposed action may exceed safe and sustainable withdrawal capacity rate of the local supply or aquifer. Cite Source: _____	D2c	☑	☐
c. The proposed action may allow or result in residential uses in areas without water and sewer services.	D1a, D2c	☑	☐
d. The proposed action may include or require wastewater discharged to groundwater.	D2d, E2l	☑	☐
e. The proposed action may result in the construction of water supply wells in locations where groundwater is, or is suspected to be, contaminated.	D2c, E1f, E1g, E1h	☑	☐
f. The proposed action may require the bulk storage of petroleum or chemical products over ground water or an aquifer.	D2p, E2l	☑	☐
g. The proposed action may involve the commercial application of pesticides within 100 feet of potable drinking water or irrigation sources.	E2h, D2q, E2l, D2c	☑	☐
h. Other impacts: _____ _____		☑	☐

5. Impact on Flooding

The proposed action may result in development on lands subject to flooding. (See Part 1. E.2) ☐ NO ☑ YES

If "Yes", answer questions a - g. If "No", move on to Section 6.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in development in a designated floodway. **Filling in excavated channel adjacent to well**	E2i	☑	☐
b. The proposed action may result in development within a 100 year floodplain. **Redevelopment of existing well house site.**	E2j	☑	☐
c. The proposed action may result in development within a 500 year floodplain.	E2k	☑	☐
d. The proposed action may result in, or require, modification of existing drainage patterns. **Filling in excavated channel adjacent to well.**	D2b, D2e	☑	☐
e. The proposed action may change flood water flows that contribute to flooding. **Filling in excavated channel adjacent to well.**	D2b, E2i, E2j, E2k	☑	☐
f. If there is a dam located on the site of the proposed action, is the dam in need of repair, or upgrade? **There is no dam**	E1e	☑	☐

g. Other impacts: _____ _____		☑	☐

6. Impacts on Air

The proposed action may include a state regulated air emission source. ☑ NO ☐ YES
(See Part 1. D.2.f., D,2,h, D.2.g)
If "Yes", answer questions a - f. If "No", move on to Section 7.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. If the proposed action requires federal or state air emission permits, the action may also emit one or more greenhouse gases at or above the following levels:			
i. More than 1000 tons/year of carbon dioxide (CO_2)	D2g	☐	☐
ii. More than 3.5 tons/year of nitrous oxide (N_2O)	D2g	☐	☐
iii. More than 1000 tons/year of carbon equivalent of perfluorocarbons (PFCs)	D2g	☐	☐
iv. More than .045 tons/year of sulfur hexafluoride (SF_6)	D2g	☐	☐
v. More than 1000 tons/year of carbon dioxide equivalent of hydrochloroflourocarbons (HFCs) emissions	D2g	☐	☐
vi. 43 tons/year or more of methane	D2h	☐	☐
b. The proposed action may generate 10 tons/year or more of any one designated hazardous air pollutant, or 25 tons/year or more of any combination of such hazardous air pollutants.	D2g	☐	☐
c. The proposed action may require a state air registration, or may produce an emissions rate of total contaminants that may exceed 5 lbs. per hour, or may include a heat source capable of producing more than 10 million BTU's per hour.	D2f, D2g	☐	☐
d. The proposed action may reach 50% of any of the thresholds in "a" through "c", above.	D2g	☐	☐
e. The proposed action may result in the combustion or thermal treatment of more than 1 ton of refuse per hour.	D2s	☐	☐
f. Other impacts: _____ _____		☐	☐

7. Impact on Plants and Animals

The proposed action may result in a loss of flora or fauna. (See Part 1. E.2. m.-q.) ☐ NO ☑ YES
If "Yes", answer questions a - j. If "No", move on to Section 8.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may cause reduction in population or loss of individuals of any threatened or endangered species, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E2o	☑	☐
b. The proposed action may result in a reduction or degradation of any habitat used by any rare, threatened or endangered species, as listed by New York State or the federal government.	E2o	☑	☐
c. The proposed action may cause reduction in population, or loss of individuals, of any species of special concern or conservation need, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site.	E2p	☑	☐
d. The proposed action may result in a reduction or degradation of any habitat used by any species of special concern and conservation need, as listed by New York State or the Federal government.	E2p	☑	☐

e. The proposed action may diminish the capacity of a registered National Natural Landmark to support the biological community it was established to protect.	E3c	☑	☐
f. The proposed action may result in the removal of, or ground disturbance in, any portion of a designated significant natural community. Source: _____	E2n	☑	☐
g. The proposed action may substantially interfere with nesting/breeding, foraging, or over-wintering habitat for the predominant species that occupy or use the project site.	E2m	☑	☐
h. The proposed action requires the conversion of more than 10 acres of forest, grassland or any other regionally or locally important habitat. Habitat type & information source: _____ _____	E1b	☑	☐
i. Proposed action (commercial, industrial or recreational projects, only) involves use of herbicides or pesticides.	D2q	☑	☐
j. Other impacts: **NYS Natural Heritage program response indicates sensitive species exist within the project area _ No significant disturbances planned which will have a negative impact.**		☑	☐

8. Impact on Agricultural Resources

The proposed action may impact agricultural resources. (See Part 1. E.3.a. and b.) ☐ NO ☑ YES

If "Yes", answer questions a - h. If "No", move on to Section 9.

	Relevant Part I Question(s)	**No, or small impact may occur**	**Moderate to large impact may occur**
a. The proposed action may impact soil classified within soil group 1 through 4 of the NYS Land Classification System.	E2c, E3b	☑	☐
b. The proposed action may sever, cross or otherwise limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc).	E1a, Elb	☑	☐
c. The proposed action may result in the excavation or compaction of the soil profile of active agricultural land.	E3b	☑	☐
d. The proposed action may irreversibly convert agricultural land to non-agricultural uses, either more than 2.5 acres if located in an Agricultural District, or more than 10 acres if not within an Agricultural District.	E1b, E3a	☑	☐
e. The proposed action may disrupt or prevent installation of an agricultural land management system.	El a, E1b	☑	☐
f. The proposed action may result, directly or indirectly, in increased development potential or pressure on farmland.	C2c, C3, D2c, D2d	☑	☐
g. The proposed project is not consistent with the adopted municipal Farmland Protection Plan.	C2c	☑	☐
h. Other impacts: **Letter from NYS Ag & Markets indicates no work planned in Ag areas; No impact.**		☑	☐

_____

9. Impact on Aesthetic Resources

The land use of the proposed action are obviously different from, or are in sharp contrast to, current land use patterns between the proposed project and a scenic or aesthetic resource. (Part 1. E.1.a, E.1.b, E.3.h.)

☑ NO ☐ YES

If "Yes", answer questions a - g. If "No", go to Section 10.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Proposed action may be visible from any officially designated federal, state, or local scenic or aesthetic resource.	E3h	☐	☐
b. The proposed action may result in the obstruction, elimination or significant screening of one or more officially designated scenic views.	E3h, C2b	☐	☐
c. The proposed action may be visible from publicly accessible vantage points: i. Seasonally (e.g., screened by summer foliage, but visible during other seasons) ii. Year round	E3h	 ☐ ☐	 ☐ ☐
d. The situation or activity in which viewers are engaged while viewing the proposed action is: i. Routine travel by residents, including travel to and from work ii. Recreational or tourism based activities	E3h E2q, E1c	 ☐ ☐	 ☐ ☐
e. The proposed action may cause a diminishment of the public enjoyment and appreciation of the designated aesthetic resource.	E3h	☐	☐
f. There are similar projects visible within the following distance of the proposed project: 0-1/2 mile ½ -3 mile 3-5 mile 5+ mile	D1a, E1a, D1f, D1g	☐	☐
g. Other impacts: _____ _____		☐	☐

10. Impact on Historic and Archeological Resources

The proposed action may occur in or adjacent to a historic or archaeological resource. (Part 1. E.3.e, f. and g.)

☐ NO ☑ YES

If "Yes", answer questions a - e. If "No", go to Section 11.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may occur wholly or partially within, or substantially contiguous to, any buildings, archaeological site or district which is listed on or has been nominated by the NYS Board of Historic Preservation for inclusion on the State or National Register of Historic Places.	E3e	☑	☐
b. The proposed action may occur wholly or partially within, or substantially contiguous to, an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory. **See CRIS Letter of No Effect.**	E3f	☑	☐
c. The proposed action may occur wholly or partially within, or substantially contiguous to, an archaeological site not included on the NY SHPO inventory. Source: _____	E3g	☑	☐

d. Other impacts: _____ _____		☑	☐
e. If any of the above (a-d) are answered "Moderate to large impact may occur", continue with the following questions to help support conclusions in Part 3:			
i. The proposed action may result in the destruction or alteration of all or part of the site or property.	E3e, E3g, E3f	☐	☐
ii. The proposed action may result in the alteration of the property's setting or integrity.	E3e, E3f, E3g, E1a, E1b	☐	☐
iii. The proposed action may result in the introduction of visual elements which are out of character with the site or property, or may alter its setting.	E3e, E3f, E3g, E3h, C2, C3	☐	☐

11. Impact on Open Space and Recreation

The proposed action may result in a loss of recreational opportunities or a reduction of an open space resource as designated in any adopted municipal open space plan.
(See Part 1. C.2.c, E.1.c., E.2.q.)
If "Yes", answer questions a - e. If "No", go to Section 12.

☑ NO ☐ YES

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in an impairment of natural functions, or "ecosystem services", provided by an undeveloped area, including but not limited to stormwater storage, nutrient cycling, wildlife habitat.	D2e, E1b E2h, E2m, E2o, E2n, E2p	□	□
b. The proposed action may result in the loss of a current or future recreational resource.	C2a, E1c, C2c, E2q	□	□
c. The proposed action may eliminate open space or recreational resource in an area with few such resources.	C2a, C2c E1c, E2q	□	□
d. The proposed action may result in loss of an area now used informally by the community as an open space resource.	C2c, E1c	□	□
e. Other impacts: _____ _____		□	□

12. Impact on Critical Environmental Areas

The proposed action may be located within or adjacent to a critical environmental area (CEA). (See Part 1. E.3.d)
If "Yes", answer questions a - c. If "No", go to Section 13.

☑ NO ☐ YES

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may result in a reduction in the quantity of the resource or characteristic which was the basis for designation of the CEA.	E3d	□	□
b. The proposed action may result in a reduction in the quality of the resource or characteristic which was the basis for designation of the CEA.	E3d	□	□
c. Other impacts: _____ _____		□	□

13. Impact on Transportation

The proposed action may result in a change to existing transportation systems. ☑ NO ☐ YES
(See Part 1. D.2.j)
If "Yes", answer questions a - f. If "No", go to Section 14.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. Projected traffic increase may exceed capacity of existing road network.	D2j	☐	☐
b. The proposed action may result in the construction of paved parking area for 500 or more vehicles.	D2j	☐	☐
c. The proposed action will degrade existing transit access.	D2j	☐	☐
d. The proposed action will degrade existing pedestrian or bicycle accommodations.	D2j	☐	☐
e. The proposed action may alter the present pattern of movement of people or goods.	D2j	☐	☐
f. Other impacts: _____ _____		☐	☐

14. Impact on Energy

The proposed action may cause an increase in the use of any form of energy. ☐ NO ☑ YES
(See Part 1. D.2.k)
If "Yes", answer questions a - e. If "No", go to Section 15.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action will require a new, or an upgrade to an existing, substation.	D2k	☑	☐
b. The proposed action will require the creation or extension of an energy transmission or supply system to serve more than 50 single or two-family residences or to serve a commercial or industrial use.	D1f, D1q, D2k	☑	☐
c. The proposed action may utilize more than 2,500 MWhrs per year of electricity.	D2k	☑	☐
d. The proposed action may involve heating and/or cooling of more than 100,000 square feet of building area when completed.	D1g	☑	☐
e. Other Impacts: _**Minor energy use increase possible with upgraded well pumps and well house.** _____		☑	☐

15. Impact on Noise, Odor, and Light

The proposed action may result in an increase in noise, odors, or outdoor lighting. ☐ NO ☑ YES
(See Part 1. D.2.m., n., and o.)
If "Yes", answer questions a - f. If "No", go to Section 16.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may produce sound above noise levels established by local regulation.	D2m	☑	☐
b. The proposed action may result in blasting within 1,500 feet of any residence, hospital, school, licensed day care center, or nursing home. **No Blasting**	D2m, E1d	☑	☐
c. The proposed action may result in routine odors for more than one hour per day.	D2o	☑	☐

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

16. Impact on Human Health

The proposed action may have an impact on human health from exposure to new or existing sources of contaminants. (See Part 1.D.2.q., E.1. d. f. g. and h.) ☐ NO ☑ YES

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

	Relevant Part I Question(s)	No,or small impact may cccur	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.**Job Corps**	E1d	☑	☐
b. The site of the proposed action is currently undergoing remediation.**No**	E1g, E1h	☑	☐
c. There is a completed emergency spill remediation, or a completed environmental site remediation on, or adjacent to, the site of the proposed action.	E1g, E1h	☑	☐
d. The site of the action is subject to an institutional control limiting the use of the property (e.g., easement or deed restriction).	E1g, E1h	☑	☐
e. The proposed action may affect institutional control measures that were put in place to ensure that the site remains protective of the environment and human health.	E1g, E1h	☑	☐
f. The proposed action has adequate control measures in place to ensure that future generation, treatment and/or disposal of hazardous wastes will be protective of the environment and human health.	D2t	☑	☐
g. The proposed action involves construction or modification of a solid waste management facility.	D2q, E1f	☑	☐
h. The proposed action may result in the unearthing of solid or hazardous waste.	D2q, E1f	☑	☐
i. The proposed action may result in an increase in the rate of disposal, or processing, of solid waste.	D2r, D2s	☑	☐
j. The proposed action may result in excavation or other disturbance within 2000 feet of a site used for the disposal of solid or hazardous waste.	E1f, E1g E1h	☑	☐
k. The proposed action may result in the migration of explosive gases from a landfill site to adjacent off site structures.	E1f, E1g	☑	☐
l. The proposed action may result in the release of contaminated leachate from the project site.	D2s, E1f, D2r	☑	☐
m. Other impacts: _____		☑	☐

17. Consistency with Community Plans

The proposed action is not consistent with adopted land use plans. ☑ NO ☐ YES

(See Part 1. C.1, C.2. and C.3.)

If "Yes", answer questions a - h. If "No", go to Section 18.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action's land use components may be different from, or in sharp contrast to, current surrounding land use pattern(s).	C2, C3, D1a E1a, E1b	☐	☐
b. The proposed action will cause the permanent population of the city, town or village in which the project is located to grow by more than 5%.	C2	☐	☐
c. The proposed action is inconsistent with local land use plans or zoning regulations.	C2, C2, C3	☐	☐
d. The proposed action is inconsistent with any County plans, or other regional land use plans.	C2, C2	☐	☐
e. The proposed action may cause a change in the density of development that is not supported by existing infrastructure or is distant from existing infrastructure.	C3, D1c, D1d, D1f, D1d, Elb	☐	☐
f. The proposed action is located in an area characterized by low density development that will require new or expanded public infrastructure.	C4, D2c, D2d D2j	☐	☐
g. The proposed action may induce secondary development impacts (e.g., residential or commercial development not included in the proposed action)	C2a	☐	☐
h. Other: _____ _____		☐	☐

18. Consistency with Community Character

The proposed project is inconsistent with the existing community character. ☑ NO ☐ YES

(See Part 1. C.2, C.3, D.2, E.3)

If "Yes", answer questions a - g. If "No", proceed to Part 3.

	Relevant Part I Question(s)	No, or small impact may occur	Moderate to large impact may occur
a. The proposed action may replace or eliminate existing facilities, structures, or areas of historic importance to the community.	E3e, E3f, E3g	☐	☐
b. The proposed action may create a demand for additional community services (e.g. schools, police and fire)	C4	☐	☐
c. The proposed action may displace affordable or low-income housing in an area where there is a shortage of such housing.	C2, C3, D1f D1g, E1a	☐	☐
d. The proposed action may interfere with the use or enjoyment of officially recognized or designated public resources.	C2, E3	☐	☐
e. The proposed action is inconsistent with the predominant architectural scale and character.	C2, C3	☐	☐
f. Proposed action is inconsistent with the character of the existing natural landscape.	C2, C3 E1a, E1b E2g, E2h	☐	☐
g. Other impacts: _____ _____		☐	☐

PRINT FULL FORM

Town of Delaware, NY
Callicoon Water System
SEQR Review Meeting
February 14, 2018

Full EAF Part 3

Agency Use Only [IfApplicable]

Project : Delaware (T) Water System Improvement Proje

Date : February 14, 2018

Full Environmental Assessment Form
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.

1. Impact to Land; 3. Impacts to Surface Water; 4. Impacts on Flooding
Project includes filling in portion of the by-pass channel adjacent to the well house that was excavated in 2006. Filling of the channel to pre-excavation condition will serve to mitigate surface water turbidity impacts to the well caused by the excavation. This will benefit the system water quality and should have no adverse ennvironmental impacts.

7. Impacts on Plants and Animals.
NYS Natural Heritage Program response indicates sensitive species (vulnerable, threatened, imperiled, critically imperiled, endangered) may exist within the project area. Proposed work is not anticipated to negatively impact habitat or listed species.

Miscellanaeous:
February 8, 2018 US Department of Interior - National Park Service (NPS) Letter
Town will take NPS comments into consideration as the plans and specifications are developed.

Determination of Significance - Type 1 and Unlisted Actions

SEQR Status: ☑ Type 1 ☐ 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 _____ 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.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: Town of Delaware Water Improvement Project

Name of Lead Agency: Town of Delaware

Name of Responsible Officer in Lead Agency: Mr. Edward Sykes

Title of Responsible Officer: Town Supervisor

Signature of Responsible Officer in Lead Agency: Date: February 14, 2018

Signature of Preparer (if different from Responsible Officer) Date: February 14, 2018

For Further Information:

Contact Person: Delaware Engineering, D.P.C

Address: 8-12 Dietz Street, Suite 303, Oneonta, NY 13820

Telephone Number: (607) 432-8073

E-mail: rchiappisi@delawareengineering.com

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 (e.g., Town / City / Village of)
Other involved agencies (if any)
Applicant (if any)
Environmental Notice Bulletin: http://www.dec.ny.gov/enb/enb.html

PRINT FULL FORM

Correspondence

- Responses received from:
  - NYS Ag and Markets
  - NYS DOT
  - NYS Office of Parks, Recreation and Historic Preservation
  - Sullivan County Department of Planning
  - NYSEFC
  - US Fish and Wildlife Service
  - NYSDEC Division of Fish and Wildlife
  - US Department of the Interior- Upper Delaware Scenic and Recreational River

RECEIVED FEB 0 1 2018

NEW YORK STATE OF OPPORTUNITY. Agriculture and Markets

ANDREW M. CUOMO
Governor

RICHARD A. BALL
Commissioner

January 30, 2018

Ed Sykes, Town Supervisor
Town of Delaware
104 Main Street
Hortonville, New York 12745

RE: Hamlet of Callicoon, Delaware County – Water System Project

Dear Mr. Sykes:

Thank you for sending the Department a description of the referenced project. The Department does not object to the Town of Delaware's Hamlet of Callicoon Water System project.

Based upon the information provided, it appears that the affected land is not located within a county adopted, State certified, Agricultural District.

If you have any questions concerning this matter, please contact me at (518) 457-8887.

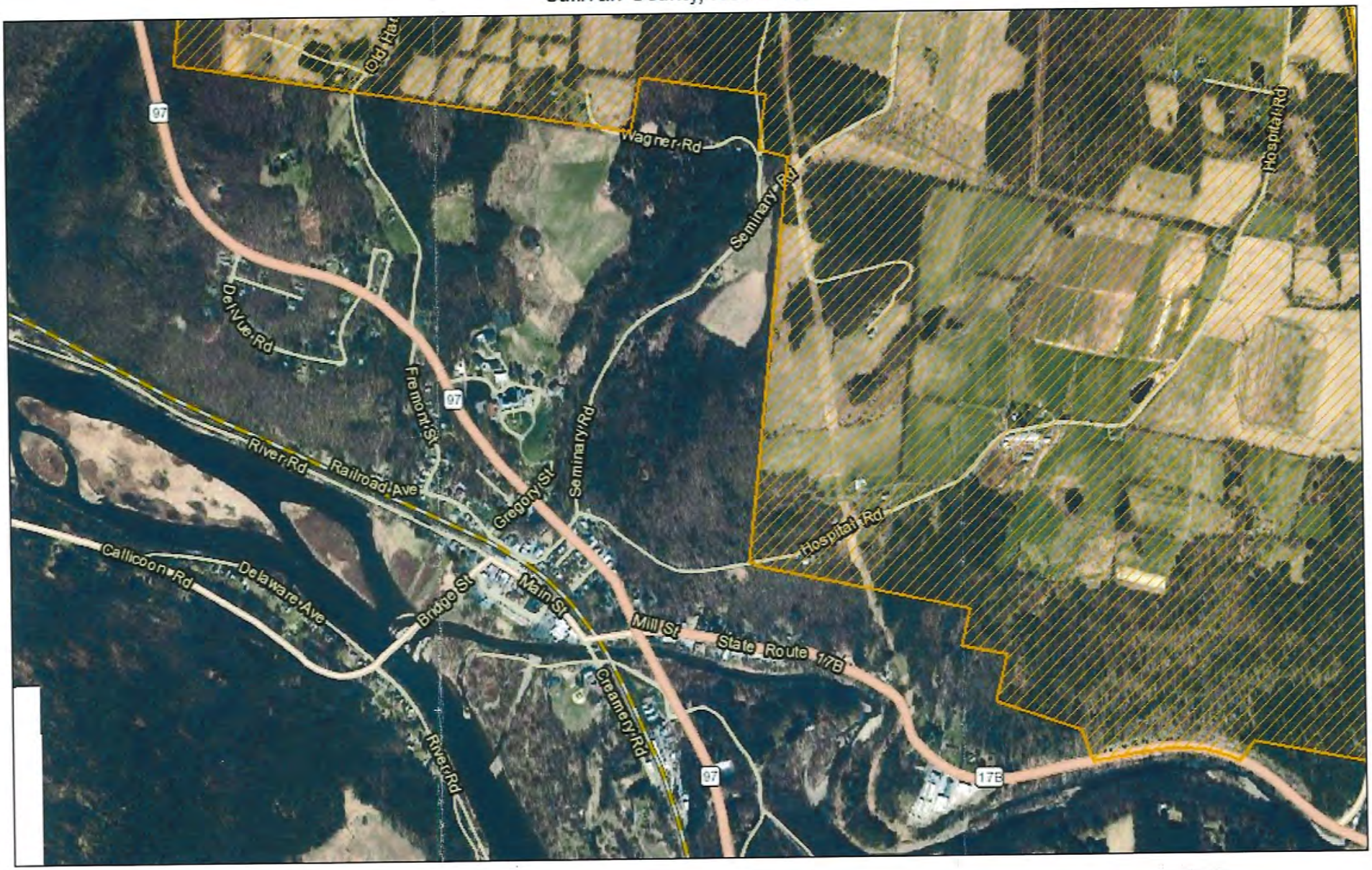
Sincerely,

Robert Somers, Ph.D.
Manager, Agricultural Protection Unit

Enc.
William Brown, P.E., Delaware Engineering, D.P.C.
Robert Chiappisi, Delaware Engineering, D.P.C.
Richard Baum, Pres., Callicoon Water Company

Hamlet of Callicoon Water System

Sullivan County, New York



Agricultural Districts

1:18,056

0 0.15 0.3 0.6 mi

0 0.25 0.5 1 km

Thomas DellaRocco

NEW YORK STATE OF OPPORTUNITY. Department of Transportation

ANDREW M. CUOMO
Governor

PAUL A. KARAS
Acting Commissioner

JOHN R. WILLIAMS, P.E.
Regional Director

January 23, 2018

Delaware Engineering, D.P.C.
8-12 Dietz Street
Suite 303
Oneonta, NY 13820

Attn: William Brown, P.E.

Dear Mr. Brown:

RE: SEQR LEAD AGENCY DESIGNATION
HAMLET OF CALLICOON WATER SYSTEM
TOWN OF DELAWARE, SULLIVAN COUNTY
NYSDOT SEQR CASE #18-001

The Department concurs with the Town of Delaware serving as Lead Agency for the Hamlet of Callicoon Water System Project. Please consider the Department as an Involved Agency with regard to notifications and review of project documents, especially activities pertaining to NYS Route 97.

Please note that the project will need to be designed and constructed in accordance with NYSDOT's *Requirements for the Design and Construction of Underground Utility Installations within the State Highway Right-of-Way*. Also, the applicant/sponsor will be required to obtain a PERM 32 Highway Work Permit for Utility Work. The permit must be issued prior to commencement of any work within the right-of-way. Please visit https://www.dot.ny.gov/divisions/engineering/design/dqab/hdm/chapter-13 and www.dot.ny.gov/permits, or contact the Regional Permit Office at 607-721-8082, for more information.

If you have any further questions, please contact Kathryn Mangan of our Regional Planning and Program Management Office at 607-721-8254.

Sincerely,

Kathryn Mangan for

Pamela M. Eshbaugh, P.E.
Planning & Program Manager/
Acting Right-of-Way Officer

PAM/KAM/JMT

ec: E. Mall, Sullivan County Resident Engineer
S. Murphy, Chair, Regional Site Plan Committee
S. Vergason, Assistant to the Regional Director
C. Niederriter, Region Permits Office
M. Fetterman, Regional Utilities Engineer
S. Cammisa, Regional Environmental Manager
K. Gilbert, Regional Landscape Architect
J. Taylor, Regional Planning and Program Management Office

c: File: SEQR 18-001
Blue

NEW YORK STATE OF OPPORTUNITY. | Parks, Recreation, and Historic Preservation

ANDREW M. CUOMO
Governor

ROSE HARVEY
Commissioner

January 30, 2018

Mr. William Brown
Professional Engineer
Delaware Engineering, D.P.C
8-12 Dietz Street
Suite 303
Oneonta, NY 13820

Re: NYSEFC
Callicoon Water System
Town of Delaware, Sullivan County, NY
17PR08676
Project # 17560

Dear Mr. Brown:

Thank you for requesting the comments of the New York State Historic Preservation Office (SHPO). We have reviewed the submitted materials in accordance with Section 106 of the National Historic Preservation Act of 1966. These comments are those of the SHPO and relate only to Historic/Cultural resources.

Thank you for providing additional information regarding the proposed project (Chiappisi, 18 January 2018). Based on this and the previously submitted materials, this office recommends that the project, as described, with have **No Effect** on historic properties listed or eligible for listing on the National Register of Historic Places. Should the project design change, we recommend additional consultation with this office.

If you have any questions, please don't hesitate to contact me.

Sincerely,

Philip A. Perazio, Historic Preservation Program Analyst - Archaeology Unit
Phone: 518-268-2175
e-mail: philip.perazio@parks.ny.gov via e-mail only

cc: Robert Chiappisi, Delaware Engineering

FREDA C. EISENBERG
COMMISSIONER

SULLIVAN COUNTY CATSKILLS
Mountains of Opportunities

TELEPHONE: (845) 807-0527
FACSIMILE: (845) 807-0546
WEBSITE: http://co.sullivan.ny.us

SULLIVAN COUNTY
DIVISION OF PLANNING, COMMUNITY DEVELOPMENT & REAL PROPERTY
SULLIVAN COUNTY GOVERNMENT CENTER
100 NORTH STREET, PO BOX 5012
MONTICELLO, NY 12701

January 23, 2018

Mr. Edward Sykes, Supervisor
Town of Delaware
104 Main St, PO Box 129
Hortonville, NY 12745

RE: **DEL18-01:** Hamlet of Callicoon Water System Lead Agency Request
GML-239 County Review

Dear Mr. Zieres:

It is our understanding that Town of Delaware would like to serve as Lead Agency under SEQRA for the Hamlet of Callicoon Water System Project. The Sullivan County Division of Planning, Community Development & Real Property has no objection to the Town of Delaware Town Board serving as the Lead Agency in this matter.

If you should require any technical assistance during your review of this action, please do not hesitate to contact our office at 845-807-0527.

Sincerely,

Jill M. Weyer
Assistant Commissioner

cc: Terri Hess Ward, Legislator

Please be advised that the Planning Board is required by Section 239-m of the General Municipal Law to provide a report of its final action within thirty days of such action to the Sullivan County Division of Planning, Community Development & Real Property with regard to this application. To facilitate this process, a form to report such action is enclosed.

SULLIVAN COUNTY IS AN EQUAL OPPORTUNITY, AFFIRMATIVE ACTION EMPLOYER

NEW YORK STATE OF OPPORTUNITY. | Environmental Facilities Corporation

ANDREW M. CUOMO
Governor
SABRINA M. TY
President and CEO

January 30, 2018

VIA E-MAIL AND FIRST CLASS MAIL

Robert Chiappisi
Technician
Delaware Engineering, D.P.C.
8-12 Dietz Street, Suite 303
Oneonta, New York 13820

Re: Town of Delaware (the "Town") Water System, Hamlet of Callicoon
State Environmental Quality Review Act ("SEQR")
Drinking Water State Revolving Fund ("DWSRF") Project No. 17560
Consent to Lead Agency/Comments on Full
Environmental Assessment Form ("FEAF")

Dear Mr. Chiappisi:

This is to acknowledge receipt of your letter dated January 12, 2018, advising the New York State Environmental Facilities Corporation ("EFC") that the Town has initiated the SEQR review process for this project and receipt of Part 1 of the FEAF. I assume that the Town will be requesting lead agency status in connection with this review. Please be advised that, if this is the case, EFC has no objection to the Town acting as lead agency for purposes of this review.

I have also reviewed Part 1 of the FEAF and I have the following comments:

- Section B(h) – Federal agency governmental approvals – this section indicates that this project needs approval from the U.S. Army Corps of Engineers. Due to this federal involvement in the project, the Town will need to obtain a National Historic Preservation Act of 1966 Section 106 determination letter from the State Historic Preservation Office
- Section E.3.(a) of the EAF indicates that the project site is located in a designated agricultural district. If this is the case, the Town needs to consult with the New York State Department of Agriculture and Markets ("NYSDAM"), file any necessary documentation and obtain an agricultural district impact determination letter from NYSDAM pursuant to Section 305(4) of the Agriculture and Markets Law

Please contact me if you have any questions regarding this matter. I would also request that any and all further SEQR documentation in connection with this project be forwarded to my attention at EFC. Thank you.

Sincerely,

Jeffrey M. Lanigan, Esq.
Deputy Counsel

United States Department of the Interior

FISH AND WILDLIFE SERVICE
3817 Luker Road
Cortland, NY 13045

January 30, 2018

Mr. Robert Chiappisi
Technician
Delaware Engineering, D.P.C
8-12 Dietz Street, Suite 303
Oneonta, NY 13820

Attn: William Brown

Dear Mr. Chiappisi:

This responds to the U.S. Fish and Wildlife Service's (Service) receipt of your letter dated January 12, 2018, for the proposed Town of Delaware Water System in the Hamlet of Callicoon, Sullivan County, New York. Thank you for including the Service as an interested agency for the State Environmental Quality Review Act process.

We understand the U.S. Army Corps of Engineers (Corps) may be involved with the project through permitting pursuant to Section 404 of the Clean Water Act. As you may be aware, federal agencies, such as the Corps, have responsibilities under section 7 of the Endangered Species Act (ESA) (87 Stat. 884, as amended; 16 U.S.C. 1531 *et seq.*) to consult with the Service regarding projects that may affect federally listed species or designated critical habitat, and confer with the Service regarding projects that are likely to jeopardize federally proposed species and/or adversely modify proposed critical habitat.

We reviewed the project sponsor's Environmental Assessment Form and offer the following comments. Section E.2.o lists three species listed by the State of New York as potentially occurring within the area. One of these, the dwarf wedgemussel (*Alasmidonta heterodon*), is also federally listed as endangered. The Service recently coordinated with the Federal Highway Administration and New York State Department of Transportation regarding impacts to this species associated with the replacement of the Interstate Bridge #7 over the Delaware River in Callicoon. We will send you a copy of that document via electronic mail to assist with your determination of potential impacts to the dwarf wedgemussel from the proposed project. We recommend coordinating with our office to discuss options to minimize any potential impacts to the dwarf wedgemussel as early in the design phase as possible. The federally threatened northern long-eared bat (*Myotis septentrionalis*) should also be considered in this area. To address federally listed species, we recommend the project sponsor follow the steps on our website* to determine which federally listed species have the potential to be present and assess the site for each of those species. We look forward to hearing from the project sponsor.

Any additional information regarding the proposed project and its potential to impact listed species should be coordinated with both this office and with the New York State Department of Environmental Conservation.

In addition, the project sponsor has determined that the project may impact the bald eagle (*Haliaeetus leucocephalus*). As you may be aware, bald eagles have been delisted pursuant to the ESA, but remain protected under the Migratory Bird Treaty Act (40 Stat. 755; 16 U.S.C. 703-712), the Bald and Golden Eagle Protection Act (54 Stat. 250, as amended; 16 U.S.C. 668 *et seq.*), and by the State of New York. If eagles are found within the project area, we recommend that the project sponsor follow the Bald Eagle Management Guidelines found on our website.

Thank you for coordinating with us. We appreciate the opportunity to review this project. If you require additional information please contact Robyn Niver at 607-753-9334. Future correspondence with us on this project should reference project file 18TA0806.

Sincerely,

David A. Stilwell
Field Supervisor

*Additional information referred to above may be found on our website at: http://www.fws.gov/northeast/nyfo/es/section7.htm

cc: NYSDEC, New Paltz, NY (Attn: Env. Permits)
COE, New York, NY (Regulatory)

United States Department of the Interior

FISH AND WILDLIFE SERVICE
New York Ecological Services Field Office
3817 Luker Road
Cortland, NY 13045-9349
Phone: (607) 753-9334 Fax: (607) 753-9699
http://www.fws.gov/northeast/nyfo/es/section7.htm

In Reply Refer To: January 10, 2018
Consultation Code: 05E1NY00-2018-SLI-0806
Event Code: 05E1NY00-2018-E-02402
Project Name: Callicoon Water System

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (ESA) of 1973, as amended (16 U.S.C. 1531 *et seq.*). This list can also be used to determine whether listed species may be present for projects without federal agency involvement. New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list.

Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the ESA, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC site at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list. If listed, proposed, or candidate species were identified as potentially occurring in the project area, coordination with our office is encouraged. Information on the steps involved with assessing potential impacts from projects can be found at: http://www.fws.gov/northeast/nyfo/es/section7.htm

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan (http://www.fws.gov/windenergy/

eagle_guidance.html). Additionally, wind energy projects should follow the Services wind energy guidelines (http://www.fws.gov/windenergy/) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm; http://www.towerkill.com; and http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the ESA. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

New York Ecological Services Field Office
3817 Luker Road
Cortland, NY 13045-9349
(607) 753-9334

Project Summary

Consultation Code: 05E1NY00-2018-SLI-0806

Event Code: 05E1NY00-2018-E-02402

Project Name: Callicoon Water System

Project Type: WATER SUPPLY / DELIVERY

Project Description: The Town of Delaware in Sullivan County NY, is seeking to determine the public benefit to the residents of the Hamlet of Callicoon in establishing a special improvement water district. The existing public water supply is currently owned by the Callicoon Water Company. Establishing the special district will require that the Town assume ownership and control of the water system. The existing system is in disrepair and will require rehabilitation.

In addition to the creation of a special improvement water district, the project will include the razing of the existing well/treatment house for Well#1 and the construction of a new 600sf well/treatment house on the same site. The location of the well house is in a designated floodplain and construction of the new well house will be required to meet NYS building code requirements and acquire a permit from the local flood plain administrator. Additionally, a by-pass channel connecting the Callicoon Creek and the Delaware River, located adjacent to the well house and installed by Sullivan County following the 2006 floods, will be filled in to prevent ground water contamination of the water source. The project also includes the replacement of approximately 7,150 feet of water distribution lines, the installation of water meters at all properties served by the water system, and the rehabilitation of a 2nd well house located on Railroad Avenue. No structural changes will be made to well house #2.

Project Location:

Approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/place/41.76497414091577N75.0599674901436W

Counties: Sullivan, NY

Endangered Species Act Species

There is a total of 2 threatened, endangered, or candidate species on this species list. Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species. See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

Mammals

NAME	STATUS
Northern Long-eared Bat *Myotis septentrionalis* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9045	Threatened

Clams

NAME	STATUS
Dwarf Wedgemussel *Alasmidonta heterodon* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/784 Species survey guidelines: https://ecos.fws.gov/ipac/guideline/survey/population/363/office/52410.pdf	Endangered

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Fish and Wildlife, New York Natural Heritage Program
625 Broadway, Fifth Floor, Albany, NY 12233-4757
P: (518) 402-8935 | F: (518) 402-8925
www.dec.ny.gov

February 6, 2018

Robert Chiappisi
Delaware Engineering, D.P.C
8-12 Dietz Street
Oneonta, NY 13820

Re: Town of Delaware Water System
County: Sullivan Town/City: Delaware

Dear Mr. Chiappisi:

In response to your recent request, we have reviewed the New York Natural Heritage Program database with respect to the above project.

Enclosed is a report of rare or state-listed animals and plants, and significant natural communities that our database indicates occur in the vicinity of the project site.

For most sites, comprehensive field surveys have not been conducted; the enclosed report only includes records from our database. We cannot provide a definitive statement as to the presence or absence of all rare or state-listed species or significant natural communities. Depending on the nature of the project and the conditions at the project site, further information from on-site surveys or other sources may be required to fully assess impacts on biological resources.

Our database is continually growing as records are added and updated. If this proposed project is still under development one year from now, we recommend that you contact us again so that we may update this response with the most current information.

The presence of the plants and animals identified in the enclosed report may result in this project requiring additional review or permit conditions. For further guidance, and for information regarding other permits that may be required under state law for regulated areas or activities (e.g., regulated wetlands), please contact the NYS DEC Region 3 Office, Division of Environmental Permits, as listed at www.dec.ny.gov/about/39381.html.

Sincerely,

Colleen Lutz
Assistant Biologist
New York Natural Heritage Program

The following state-listed animals have been documented in the vicinity of the project site.

The following list includes animals that are listed by NYS as Endangered, Threatened, or Special Concern; and/or that are federally listed or are candidates for federal listing.

For information about any permit considerations for the project, please contact the Permits staff at the NYSDEC Region 3 Office at dep.r3@dec.ny.gov, (845) 256-3054. For information about potential impacts of the project on these species, and how to avoid, minimize, or mitigate any impacts, contact the Region 3 Wildlife staff at Wildlife.R3@dec.ny.gov, (845) 256-3098.

The following species has been documented at the project site.

COMMON NAME	*SCIENTIFIC NAME*	*NY STATE LISTING*	*FEDERAL LISTING*	
Bald Eagle *Nonbreeding*	*Haliaeetus leucocephalus*	Threatened		9195

The following species have been documented within 0.2 mile of the project site.

COMMON NAME	*SCIENTIFIC NAME*	*NY STATE LISTING*	*FEDERAL LISTING*	
Freshwater Mussels				
Brook Floater	*Alasmidonta varicosa*	Threatened		11123
South of the Well #2 site, within the Delaware River.				
Dwarf Wedgemussel	*Alasmidonta heterodon*	Endangered	Endangered	11116
South of the Bypass channel, within the Delaware River.				

This report only includes records from the NY Natural Heritage database.

If any rare plants or animals are documented during site visits, we request that information on the observations be provided to the New York Natural Heritage Program so that we may update our database.

Information about many of the listed animals in New York, including habitat, biology, identification, conservation, and management, are available online in Natural Heritage's Conservation Guides at www.guides.nynhp.org, and from NYSDEC at www.dec.ny.gov/animals/7494.html.

The following rare animals have been documented at the project site, or in its vicinity.

We recommend that potential onsite and offsite impacts of the proposed project on these species or communities be addressed as part of any environmental assessment or review conducted as part of the planning, permitting and approval process, such as reviews conducted under SEQR. Field surveys of the project site may be necessary to determine the status of a species at the site, particularly for sites that are currently undeveloped and may still contain suitable habitat. Final requirements of the project to avoid, minimize, or mitigate potential impacts are determined by the lead permitting agency or the government body approving the project.

The following animals, while not listed by New York State as Endangered or Threatened, are of conservation concern to the state, and are considered rare by the New York Natural Heritage Program.

COMMON NAME	*SCIENTIFIC NAME*	*NY STATE LISTING*	*HERITAGE CONSERVATION STATUS*
Fish			
Swallowtail Shiner	*Notropis procne*	Unlisted	Imperiled in NYS
Callicoon Creek Mouth, at the northern end of the Bypass Channel, 2005-08-01: The fish was found at a creek mouth.			13889
Comely Shiner	*Notropis amoenus*	Unlisted	Imperiled in NYS
Delaware River Callicoon, 0.25 mile south of the Well #2 location, 2005-08-01.			14626
Dragonflies and Damselflies			
Broad-tailed Shadowdragon	*Neurocordulia michaeli*	Unlisted	Critically Imperiled in NYS
Upper Delaware River Cohecton, along the southern edge of the Bypass Channel, 2009-05-29.			14506
Spine-crowned Clubtail	*Gomphus abbreviatus*	Unlisted	Critically Imperiled in NYS
Upper Delaware River, 0.25 mile south of the Bypass Channel on the western bank of the Delaware River, 2015-06-11: At Callicoon South, the Pennsylvania side was surveyed and the river was 400 feet wide and shallow with alternating pools and riffles with a midreach stream riverine community type.			9921
Delaware River Clubtail	*Gomphus septima delawarensis*	Special Concern	Critically Imperiled in NYS and Globally Rare
Upper Delaware River, 0.25 mile south of the Bypass Channel on the western bank of the Delaware River, 2015-06-04: At Callicoon South, the Pennsylvania side of the river was surveyed and the river is 400 feet wide and shallow with alternating pools and riffles with a "confined river" community type.			12082

Umber Shadowdragon *Neurocordulia obsoleta* Unlisted Critically Imperiled in NYS

Upper Delaware River Cohecton, along the southern edge of the Bypass Channel, 2009-05-29. 14508

Freshwater Mussels

Alewife Floater *Anodonta implicata* Unlisted Critically Imperiled in NYS

Upper Delaware River, along the southern edge of the Bypass Channel and within 0.25 mile south of Well # 2 location, 2002-09-16: The Delaware River is a large river. The habitat at the Shohola bridge crossing was a flowing run. Water depth was <1m within 25 m of the banks and up to 2 m deep near the mid-channel. Channel width was 120 m at the upstream end and narrowed to 100m near the bridge. Substrate was primarily large boulders, with sand and gravel accumulated in protected areas downstream of boulders. Availability of habitat downstream was reduced compared to upstream. 11121

Yellow Lampmussel *Lampsilis cariosa* Unlisted Vulnerable in NYS

Delaware River Callicoon, 0.25 mile west of the Well # 2 location, on the Pennsylvania side of the Delaware River 2002-08-06. 11118

This report only includes records from the NY Natural Heritage database. For most sites, comprehensive field surveys have not been conducted, and we cannot provide a definitive statement as to the presence or absence of all rare or state-listed species. Depending on the nature of the project and the conditions at the project site, further information from on-site surveys or other sources may be required to fully assess impacts on biological resources.

If any rare plants or animals are documented during site visits, we request that information on the observations be provided to the New York Natural Heritage Program so that we may update our database.

Information about many of the rare animals and plants in New York, including habitat, biology, identification, conservation, and management, are available online in Natural Heritage's Conservation Guides at www.guides.nynhp.org, from NatureServe Explorer at www.natureserve.org/explorer, and from USDA's Plants Database at http://plants.usda.gov/index.html (for plants).

New York Natural Heritage Program

Report on Historical Records of Rare Animals, Rare Plants, and Natural Communities

The following rare plant has historical records at your project site.

The following rare plant was documented in the vicinity of the project site at one time, but have not been documented there since 1979 or earlier, and/or there is uncertainty regarding its continued presence. There is no recent information on this plant in the vicinity of the project site and its current status there is unknown. In most cases the precise location of the plant in this vicinity at the time it was last documented is also unknown.

If suitable habitat for this plantis present in the vicinity of the project site, it is possible that it may still occur there. We recommend that any field surveys to the site include a search for this species, particularly at sites that are currently undeveloped and may still contain suitable habitat.

COMMON NAME	*SCIENTIFIC NAME*	*NYS LISTING*	*HERITAGE CONSERVATION STATUS*
Vascular Plants			
Hooker's Orchid	*Platanthera hookeri*	Endangered	Critically Imperiled in NYS

1956-06-23: A wooded slope along the Delaware River. 6663

This report only includes records from the NY Natural Heritage database. For most sites, comprehensive field surveys have not been conducted, and we cannot provide a definitive statement as to the presence or absence of all rare or state-listed species. Depending on the nature of the project and the conditions at the project site, further information from on-site surveys or other sources may be required to fully assess impacts on biological resources.

If any rare plants or animals are documented during site visits, we request that information on the observations be provided to the New York Natural Heritage Program so that we may update our database.

Information about many of the rare animals and plants in New York, including habitat, biology, identification, conservation, and management, are available online in Natural Heritage's Conservation Guides at www.guides.nynhp.org, from NatureServe Explorer at www.natureserve.org/explorer, and from USDA's Plants Database at http://plants.usda.gov/index.html (for plants).

RECEIVED FEB 1 2 2018

United States Department of the Interior
NATIONAL PARK SERVICE
Upper Delaware Scenic and Recreational River
274 River Road, Beach Lake, PA 18405

IN REPLY REFER TO:

UPDE (OS) 1.B 2018-01
Hamlet of Callicoon Water System

February 8, 2018

Delaware Engineering, D.P.C.
8-12 Dietz Street, Suite 303
Oneonta, NY 13820

Attention: William Brown, PE

RE: SEQR Review, 2018-01 Hamlet of Callicoon Water System

Dear Mr. Brown:

Thank you for consulting with the National Park Service at Upper Delaware Scenic and Recreational River regarding the above-referenced project. The National Park Service has no objection to the Town of Delaware assuming the role as Lead Agency for this project under the applicable standards of Title 6 Part 617.6 NYCRR.

Congress designated the Upper Delaware Scenic and Recreational River as a unit of the National Wild and Scenic Rivers System on November 10, 1978, under P.L. 95-625. The attached map indicates the area incorporated into a partnership-managed region encompassing portions of 15 Townships in five counties, spanning the northern 73.4 miles of the mainstem Delaware River. This area is referred to as "the Upper Delaware river corridor". Projects undertaken within the boundaries of the river corridor are subject to review in accordance with the Secretary of the Interior's Land and Water Use Guidelines, which are published in the Upper Delaware River Management Plan (RMP).

We note that the Upper Delaware Council (Council), management partner in implementing the RMP, was not provided notification of this action. As a participating member in the Upper Delaware Council, the Town of Delaware is requested to provide information regarding development projects to the Council for Project Review. Correspondence regarding this project should be directed to the address below, in addition to the National Park Service:

Upper Delaware Council
211 Bridge Street
Narrowsburg, NY 12764
Attention: Resource Management Specialist
845-252-3022

As requested, provided herewith are comments to consider as the plans and specifications for this project are developed. Please feel free to consult with us as this process progresses:

Many of the problems the Callicoon Water Company (CWC) has had relate to the location of the well house (1) in the floodplain – while reclaiming the diversion channel will help with reducing turbid water in the well during high water events, it will not address flooding at this site. Is it possible to evaluate other locations to drill a new well in order to move this part of the facility out of the floodplain? Alternately, how will the construction design of the new well house address these issues?

Restoration of the road to the NYS DEC access should be included in the plans for this site.

Part 1 A - Project description – The project description states that filling of the channel is needed to prevent groundwater contamination of the water source. Part 1 A says the opposite – it's a source of surface water contamination

Part 1 – B (h) ACOE approvals not identified – if any of the project site, such as the channel area, is below the ordinary high water mark (for Delaware River and/or Callicoon Creek) ACOE approval would be needed.

Part 1 – C.2 (b) – The Upper Delaware River Management Plan should be included on this list – it should qualify as either a watershed management plan or local/regional special planning district.

Part 1 – C.3 (a) – Add the river district overlay.

Part 1 – C.4 (d) – Upper Delaware Scenic and Recreational River (official name)

D.2 (a) – Doesn't the project include excavation in association with pipe replacement, etc.

D.2 (b) – We realize it's not appropriate to include a detailed description of the reclamation design/process in this document. However, there could be significant impacts to the Delaware River associated with this element of the project, including erosion and sedimentation and potential issues depending on the makeup of the fill required for the diversion channel. NPS, therefore, requests the opportunity to work with the Town of Delaware on future detailed plans related to this aspect of the project.

D.2 (b)(v) should include actions to stabilize fill – tree plantings, etc.; What analyses will be completed to describe how this action will affect/address the reasons the channel was constructed in 2006?

D.2(c)(i) Total anticipated water usage/demand per day: what is/was the original use per day?

D.2.e.iii. Where will the stormwater runoff be directed: How will the stormwater runoff be mitigated during the 13-month construction period; especially accounting for the fact that item E.2.f (p.11) states: "Approximate proportion of proposed action site with slopes of 15% or greater is 50% of the site"? What exactly does the "best management practices to be implemented" entail?

D.2(n) – Recommend shielded exterior down-lighting as appropriate for this area.

E.1(a) – Surrounding land uses should include aquatic (Delaware River and Callicoon Creek); Other could include NYDEC public river access; Why don't the boxes checked in E.1(a) match the descriptions in E.1(b) (e.g. the largest land use is forested but this isn't checked); Why isn't the rock channel included under "non-vegetated"?

E.1(c) – This should be checked as yes. Include the NYDEC river access, access to river for fishing, and the jointly-used road used by the Youth Center, fishing access and Water Company. Note the "roadway" to the fishing access—re-establishment of this roadway should be planned for in the project.

E.1.(v) – Recommend review of deed of property owned by the Delaware Community Center. Will Center-owned lands be acquired by the Township, as well (channel)?

E.2(g) - Geologic Formation – Geologic resources are one of the Outstandingly Remarkable Values for which UPDE was designated under the Wild and Scenic Rivers Act. Although not present on the project site as indicated on the map of potential work areas it is worth noting that the confluence of Callicoon Creek and the Delaware River is an outstanding example of a barbed tributary because the water flows into the Upper Delaware River at an upstream angle and has to reverse direction downstream. The flows out of the Callicoon Creek transport sediments that have been deposited at the confluence, creating an alluvial fan. Alluvial fans occur when water slows down and dumps the sediment it was carrying where tributaries drain into a larger body of water. This site is included in the UPDE Trail of Geology.

E.2(m) – It is worth noting that the Upper Delaware River has been designated an Important Bird Area (particularly related to eagles) by New York Audubon Society including areas associated with the bypass channel and floodplain area, as well as the entire site being included in the Atlantic Flyway.

E.2(q) – NYS DEC Fishing Access site will require closure/limited use during channel filling and road re-establishment. Recreational access could actually be improved once the diversion channel is reclaimed and road to NYDEC access restored.

E.3(h) – (i) Recommend the resource be identified as Delaware River - Upper Delaware Scenic and Recreational River

E.3(h) – (ii) – It is not designated New York State "wild and scenic". Upper Delaware Scenic and Recreational River was designated under the *National* Wild and Scenic Rivers Act for its outstanding ecological, scenic, recreational, geological and cultural resources, free flow and water quality.

E.3(h) – (iii) – Project site is within the "resource" – federally designated unit of the National Wild and Scenic Rivers System. Please see the Upper Delaware portion of the "Delaware River Basin Wild and Scenic Rivers Report" (http://www.upperdelawarecouncil.org/wp-

content/uploads/UpperDelaware_WSR-Values_Publication_09-27-2012_Excerpted.pdf) for clarification and quantification of resources.

E.3(i) – This should be no. The Delaware River is not listed under 6 NYCRR 666 as a New York State wild, scenic or recreational river. It is a *nationally* designated Wild and Scenic River under P.L. 90-542.

Thank you for the opportunity of reviewing this Notice and its accompanying documentation. Please contact Park Ranger, Management, Carla Hauser Hahn at 570-729-8251 x2226; or by e-mail at Carla_hahn@nps.gov with questions.

Sincerely,

Kristina M. Heister
Superintendent

C: Ed Sykes, Town Supervisor, Town of Delaware
Tess McBeath, Town Clerk, Town of Delaware
Kenneth Klein, Town Attorney, Town of Delaware

Town of Delaware
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February 21, 2018

At the February 14, 2018 meeting of the Town Board, with all members present, the following resolution was offered and approved:

RESOLUTION #16-2018 - ADOPT A NEGATIVE DECLARATION FOR THE HAMLET OF CALLICOON WATER SUPPLY PROJECT:
Moved by: Councilman Steppich
Seconded: Councilwoman Herbert

WHEREAS, the Town of Delaware, Sullivan County, New York (hereinafter the "TOWN") has determined that it is in the public interest to evaluate the public benefit to the residents of the Hamlet of Callicoon of establishing a special improvement district for the public water supply (hereinafter "THE PROJECT"); and

WHEREAS, the PROJECT will also involve the rehabilitation of the existing public water system and will replace aged infrastructure and upgrade facilities to maintain regulatory compliance; and

WHEREAS, the PROJECT is a discretionary decision that requires an environmental review pursuant to 6 NYCRR PART 617; and

WHEREAS, the TOWN adopted a resolution of Intent to Act as Lead Agency for the purposes of conducting the environmental review required by 6 NYCRR Part 617 and determined this to be a Type 1 action; and

WHEREAS, the TOWN has caused to be circulated the Resolution of Intent together with Part 1 of the Long Environmental Assessment Form and other application materials, including a project description and a site location map, to the identified involved or interested agencies to solicit agreement with the TOWN'S declaration of Intent to Act as Lead Agency for the SEQR Review; and

WHEREAS the TOWN has reviewed these documents and comments submitted on behalf of the identified involved or interested agencies and has caused to be prepared Parts 2 and 3 of the Long Environmental Assessment Form; and

WHEREAS, the TOWN, following review of these documents, has considered reasonable related long-term, short-term, direct, indirect, and cumulative impacts;

NOW THEREFORE, BE IT RESOLVED THAT

1. Having received no objections from other involved agencies, the TOWN is hereby designated Lead Agency for the environmental review of the proposed project;

2. The TOWN has determined that there will be no significant environmental impacts associated with the PROJECT;

3. Therefore, the TOWN hereby adopts a Negative Declaration for the Hamlet of Callicoon Water System Project.

The question of the adoption of the foregoing resolution was duly put to a vote on roll call, resulting as follows:

Supervisor Edward Sykes voting aye;
Councilman John Gain voting aye;
Councilwoman Cindy Herbert voting aye;
Councilman Alfred Steppich voting aye; and
Councilman Christopher Hermann voting aye.

The resolution was thereupon declared duly adopted, AYES-5, NAYS-0.

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

I, TESS McBEATH, Town Clerk of the Town of Delaware, Sullivan County, do hereby certify that I have compared the foregoing copy of a resolution from proceedings of the Town Board of the Town of Delaware with the original thereof now on file in the Office of the Town of Delaware, 104 Main Street, Hortonville, New York, 12745, and that the same is a true and correct transcript therefrom and of the whole of said original.

WITNESS my hand and seal of said Town of Delaware this 21st day of February, 2018.

Tess McBeath, RMC
Town of Delaware Town Clerk