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November 27, 2023

Ms. Kristen Peek, Environmental Analyst I
NYSDEC Region 4 Division of Environmental Permits
1130 North Westcott Road
Schenectady, New York 12306-2014

RE: Request for Additional Information – Air State Facility Permit Application
Shelter Enterprises Inc. Cohoes, New York Facility
C.T. Male Project No. 13.3449

Dear Ms. Peek:

In response to your correspondence to Dustin Pusatere of Shelter Enterprises Inc. (SEI) dated October 11, 2023, additional information is being supplied to the Department relative to the facility's application for an Air State Facility Permit. The information presented herein is in the same order as within your correspondence for ease of review.

DEC Item 1: State Environmental Quality Review (SEQR)
Based on the expiration of the previous permit on June 22, 2021 and the lack of a timely application submission (received on June 1, 2022), the renewal of this permit is subject to review under SEQR. This action has been identified as Unlisted. Please submit Part 1 of the Full Environmental Assessment Form (FEAF) pursuant to 6 NYCRR 201-5.2(b)(10).

Response: The FEAF for the project has been completed and is included in Attachment A.

DEC Items 2A & 2B: Climate Leadership and Community Protection Act (CLCPA)

Item 2A: CLCPA Section 7(3)
To address Section 7(3) of CLCPA, the DEC is required to ensure that its permitting decisions do not disproportionately burden DACs and prioritize the reduction of GHG and co-pollutant emissions in DACs. Since this facility is in a DAC, as identified by the criteria at the link provided above, please calculate the co-pollutant emissions from each emission source or activity resulting in GHG emissions and discuss any alternatives or design measures that will be used to reduce the impact of those emissions on the facility's neighbors. If you conclude that existing measures are enough to reduce these impacts, that should be discussed as well.

Response: Emissions from the facility's Expanded Polystyrene (EPS) manufacturing operations have been calculated based on the bead usage at the facility and pentane

content of the products used. Pentane is contained within the raw material (beads) and is the only Volatile Organic Compound (VOC) that is emitted from production. The EPS process uses pentane as a blowing agent and does not incorporate the use of Chlorofluorocarbons/Hydrochlorofluorocarbons (CFCs/HCFCs). Process related emissions do not contain GHG or Hazardous Air Pollutants (HAP). Facility operations include an exempt 6 Million British Thermal Units per hour (MMBTU/hr) natural gas-fired boiler for heating purposes and a 2 MMBTU/hr natural gas-fired regenerative thermal oxidizer (RTO) to control VOC emissions. GHG and HAP are emitted from the facility as a result of natural gas combustion activities in the boiler system and the RTO.

The direct and upstream indirect GHG emissions from Shelter Enterprises includes emissions of carbon dioxide (CO2), methane (CH4) and Nitrous Oxide (N2O) as no other GHG have been identified to be generated by facility operations.

Expected GHGs from facility operations and their 20-year GWPs are summarized in the following table.

Global Warming Potentials

Greenhouse Gas	Chemical Formula	20-Year GWP[1]
Carbon Dioxide	CO_2	1
Methane	CH_4	84
Nitrous oxide	N_2O	264

[1] - 20-year GWPs from 6 NYCRR Part 496.5 Statewide Greenhouse Gas Emission Limits

The Shelter Enterprises facility is located adjacent to a Potential Environmental Justice Area (PEJA) as identified by the DEC Office of Environmental Justice. As such, the facility is required to calculate co-pollutant emissions from each GHG source (co-pollutants are defined as HAPs that are emitted by GHG sources). HAP Emission estimates have been projected based on potential maximum operation (i.e., 8,760 hours per year) as well as based on 2021 operations as presented within the permit application documents. No quantifiable changes in HAP emissions from combustion are projected at this time as no changes to the current operations are contemplated. The facility's use of the boiler is integral to continued operations in order to produce necessary heat and steam. The continued use of the RTO is required to minimize air pollution due to VOC emissions from the production processes and operation of the facility without use of the control device would not be allowed under the NYSDEC's Air Regulations. Shelter Enterprises will attempt to operate each of these combustion sources with maximum efficiency in order to minimize GHG and HAP emissions as well as operational expenses. Periodic testing of the RTO will be used to determine if the pentane destruction efficiency of the unit is acceptable, and such operational checks as well as

periodic maintenance activities associated with the RTO and boiler systems will continue to be utilized to provide Good Combustion Practices (GCP). Further measures to minimize the emissions of GHG or HAP beyond the use of GCP are not contemplated at this time. Emission factors for combustion sources were taken from EPA's AP-42 Compilation of Air Emission Factors document (Chapter 1.4 for Natural Gas, July 1998 Version).

Combustion HAP Emission Summary

Hazardous Air Pollutant	Emission Factors		Potential to Emit		Annual (2021)	
	lb/10^6 scf	lb/MMBTU	lb/hr	lb/yr	lb/yr	ton/yr
2-Methylnaphthalene	2.40E-05	2.35E-08	1.88E-07	0.0016	0.00043	2.17E-07
3-Methylcholanthrene	1.80E-06	1.76E-09	1.41E-08	0.00012	0.000032	1.62E-08
7,12-Dimethylbenz(a) anthracene	1.60E-05	1.57E-08	1.25E-07	0.0011	0.00029	1.44E-07
Acenaphthene	1.80E-06	1.76E-09	1.41E-08	0.00012	0.000032	1.62E-08
Acenaphthylene	1.80E-06	1.76E-09	1.41E-08	0.00012	0.000032	1.62E-08
Anthracene	2.40E-06	2.35E-09	1.88E-08	0.00016	0.000043	2.17E-08
Benz(a)anthracene	1.80E-06	1.76E-09	1.41E-08	0.00012	0.000032	1.62E-08
Benzene	2.10E-03	2.06E-06	1.65E-05	0.14	0.038	1.90E-05
Benzo(a)pyrene	1.20E-06	1.18E-09	9.41E-09	0.00008	0.000022	1.08E-08
Benzo(b)fluoranthene	1.80E-06	1.76E-09	1.41E-08	0.00012	0.000032	1.62E-08
Benzo(g,h,i)perylene	1.20E-06	1.18E-09	9.41E-09	0.00008	0.000022	1.08E-08
Benzo(k)fluoranthene	1.80E-06	1.76E-09	1.41E-08	0.00012	0.000032	1.62E-08
Chrysene	1.80E-06	1.76E-09	1.41E-08	0.00012	0.000032	1.62E-08
Dibenzo(a,h)anthracene	1.20E-06	1.18E-09	9.41E-09	0.00008	0.000022	1.08E-08
Dichlorobenzene	1.20E-03	1.18E-06	9.41E-06	0.082	0.022	1.08E-05
Fluoranthene	3.00E-06	2.94E-09	2.35E-08	0.00021	0.000054	2.71E-08
Fluorene	2.80E-06	2.75E-09	2.2E-08	0.00019	0.000051	2.53E-08
Formaldehyde	7.50E-02	7.35E-05	0.000588	5.15	1.35	6.77E-04
Hexane	1.80E+00	0.001765	0.014118	123.7	32.49	1.62E-02
Indeno(1,2,3-cd)pyrene	1.80E-06	1.76E-09	1.41E-08	0.00012	0.000032	1.62E-08
Naphthalene	6.10E-04	5.98E-07	4.78E-06	0.042	0.011	5.51E-06

Hazardous Air Pollutant	Emission Factors		Potential to Emit		Annual (2021)	
	lb/10^6 scf	lb/MMBTU	lb/hr	lb/yr	lb/yr	ton/yr
Phenanathrene	1.70E-05	1.67E-08	1.33E-07	0.0012	0.00031	1.53E-07
Pyrene	5.00E-06	4.9E-09	3.92E-08	0.00034	0.000090	4.51E-08
Toluene	3.40E-03	3.33E-06	2.67E-05	0.23	0.061	3.07E-05
Arsenic	2.00E-04	1.96E-07	1.57E-06	0.014	0.0036	1.81E-06
Beryllium	1.20E-05	1.18E-08	9.41E-08	0.00082	0.00022	1.08E-07
Cadmium	1.10E-03	1.08E-06	8.63E-06	0.076	0.020	9.93E-06
Chromium	1.40E-03	1.37E-06	1.1E-05	0.096	0.025	1.26E-05
Cobalt	8.40E-05	8.24E-08	6.59E-07	0.0058	0.0015	7.58E-07
Manganese	3.80E-04	3.73E-07	2.98E-06	0.026	0.0069	3.43E-06
Mercury	2.60E-04	2.55E-07	2.04E-06	0.018	0.0047	2.35E-06
Nickel	2.10E-03	2.06E-06	1.65E-05	0.14	0.038	1.90E-05
Selenium	2.40E-05	2.35E-08	1.88E-07	0.0016	0.00043	2.17E-07
Sum of Listed HAP (from AP-42)			1.48E-02	129.71	34.08	0.017

Item 2B: CLCPA Section 9

As originally enacted, the Community Risk and Resiliency Act (CRRA) requires applicants for permits in a number of specified programs to demonstrate that future physical climate risk due to sea-level rise, storm surge, and flooding had been considered in project design. Section 9 of the CLCPA amended the CRRA to include all permits subject to Uniform Procedures Act (UPA). The CLCPA also expanded the scope of the CRRA to require consideration of all climate hazards, not only sea-level rise, storm surge and flooding, in these permit programs. The New York State Flood Risk Management Guidance for Implementation of Community Risk and Resiliency Act, released in August 2020, provides guidance on consideration of flooding risk by applicants for projects involving new and substantially improved structures or repair of substantially damaged structures in New York State. Neither CRRA, CLCPA nor the State Flood Risk Management Guidance require relocation or retrofit of existing structures or equipment to address future risks. If this permit modification does not include construction of new structures or equipment installation, consideration of sea level rise and flooding would not be required as part of the permit modification application. Please note that any future permit or permit modification that does involve construction or equipment installation should include consideration of sea level rise in siting and design, as well as increased risk due to pluvial flooding associated with extreme precipitation and risks associated with extreme heat.

Response: As this permit modification does not include construction of new structures or equipment installation, consideration of sea level rise and flooding are not required as part of the permit application.

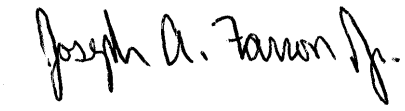
DEC Item 3: Environmental Justice
Pursuant to a preliminary screen, DEC has determined that the facility is within an environmental justice area (Census Tracts 012700, 012800, and 012900) and that the potential exists that adverse environmental impacts related to the applications may affect this environmental justice area. Accordingly, environmental justice concerns shall be incorporated into this permit process pursuant to DEC Commissioner Policy 29, Environmental Justice (CP-29). Please develop and submit a proposed CP-29 Public Participation Plan (PPP) identifying, at a minimum: (i) all stakeholders, including residents adjacent to and in the vicinity of the facility, local elected officials, community-based organizations, and other community residents; (ii) a complete description of the procedures that will be used to distribute and post written information on the permit process in an easy-to-read, understandable format using plain language; (iii) a complete description of the procedures to be used to hold at least two public information meetings at locations and times convenient to the stakeholders to keep the public fully informed about the permit process; and (iv) a complete description of the procedures to be used to establish easily accessible document repositories to make available pertinent information, including but not limited to application materials, reports, meeting presentation materials, media releases, and correspondence between the facility and DEC.

Response: The CP-29 Public Participation Plan (PPP) for the project has been completed and is included in Attachment B.

As always, please feel free to contact me at (518) 786-7471 or via email at j.farron@ctmale.com should you have any questions or require additional information.

Respectfully submitted,

C.T. MALE ASSOCIATES



Joseph A. Farron, Jr.
Project Environmental Engineer

ec: Dustin Pusatere (Shelter Enterprises), Nancy Garry (C.T. Male)

Enclosure

Attachment A
Full Environmental Assessment Form

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 applicant or project sponsor to verify that the information contained in Part 1is accurate and complete.

A. Project and Applicant/Sponsor Information.

Name of Action or Project: Air State Facility Permit		
Project Location (describe, and attach a general location map): Shelter Enterprises, Inc. - 8 Saratoga Street Cohoes, NY 12147		
Brief Description of Proposed Action (include purpose or need): Renew expired Air State Facility Permit 4-0103-00057/00002		
Name of Applicant/Sponsor: Shelter Enterprises, Inc.	Telephone: 518-237-4100 E-Mail: dustinP@shelter-ent.com	
Address: 8 Saratoga Street		
City/PO: Cohoes	State: NY	Zip Code: 12147
Project Contact (if not same as sponsor; give name and title/role): Dustin Pusatere, Vice President	Telephone: 518-237-4100 / 518-368-6196 (Mobile) E-Mail:	
Address:		
City/PO:	State:	Zip Code:
Property Owner (if not same as sponsor):	Telephone: E-Mail:	
Address:		
City/PO:	State:	Zip Code:

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 Counsel, Town Board, or Village Board of Trustees ☐Yes ☑No		
b. City, Town or Village Planning Board or Commission ☐Yes ☑No		
c. City, Town or Village Zoning Board of Appeals ☐Yes ☑No		
d. Other local agencies ☐Yes ☑No		
e. County agencies ☐Yes ☑No		
f. Regional agencies ☐Yes ☑No		
g. State agencies ☑Yes ☐No	NYSDEC Air State Facility Permit	Application submitted 10/14/2022
h. Federal agencies ☐Yes ☑No		

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 Heritage Areas:Mohawk Valley Heritage Corridor, NYS Heritage Areas:Hudson-Mohawk

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):

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?
MU-2, Waterfront Mixed Use

b. Is the use permitted or allowed by a special or conditional use permit? ☐ 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? Cohoes CSD

b. What police or other public protection forces serve the project site?
Cohoes Police Department

c. Which fire protection and emergency medical services serve the project site?
Fire Protection - Cohoes Fire Department, EMS - Ambulnz

d. What parks serve the project site?
Berkley Park, Craner Park, Peebles Island State Park

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)? Renewal of expired air permit at existing manufcaturing facility.

b. a. Total acreage of the site of the proposed action? 0 acres
b. Total acreage to be physically disturbed? 0 acres
c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? 2.8 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 the proposed action be constructed in multiple phases? ☐ Yes ☑ No
i. If No, anticipated period of construction: _____ 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,

i. Total number of structures _____

ii. Dimensions (in feet) of largest proposed structure: _____height; _____width; and _____ length

iii. Approximate extent of building space to be heated or cooled: _____ 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.

_____

_____

i*v.* 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): _____

_____

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:

_____

_____

_____

_____

iii. Will the proposed action cause or result in disturbance to bottom sediments? ☐Yes ☐No

If Yes, describe: _____

iv. Will the 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: _____ 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: _____
- 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: _____

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: _____
- Date application submitted or anticipated: _____
- Proposed source(s) of supply for new district: _____

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), what is the maximum pumping capacity: _____ 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): _____

_____

_____

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

If Yes:

- Name of wastewater treatment plant to be used: _____
- Name of district: _____
- Does the existing wastewater treatment plant have capacity to serve the project? ☐Yes ☐No
- Is the project site in the existing district? ☐Yes ☐No
- Is expansion of the district needed? ☐Yes ☐No

- Do existing sewer lines serve the project site? ☐Yes ☐No
- Will a 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. _____

_____

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)?

_____

_____

- If to surface waters, identify receiving water bodies or wetlands: _____

_____

_____

- Will stormwater runoff flow to adjacent properties? ☐Yes ☐No

iv. Does the 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)

_____

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

_____

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

Process emissions, boiler operations and thermal oxidizer operation to continue as in expired permit.

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:
- 1,083 Tons/year (short tons) of Carbon Dioxide (CO_2)
- 0 Tons/year (short tons) of Nitrous Oxide (N_2O)
- 0 Tons/year (short tons) of Perfluorocarbons (PFCs)
- 0 Tons/year (short tons) of Sulfur Hexafluoride (SF_6)
- 0 Tons/year (short tons) of Carbon Dioxide equivalent of Hydroflourocarbons (HFCs)
- 0 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 truck trips/day and type (e.g., semi trailers and dump trucks): _____

_____

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: _____

_____

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

_____

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: N/A
- Saturday: N/A
- Sunday: N/A
- Holidays: N/A

ii. During Operations:

- Monday - Friday: 1 shift
- Saturday: None
- Sunday: None
- Holidays: None (most common holidays)

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:

_____

_____

ii. Will the 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:

_____

_____

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 the 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: _____ tons per _____ (unit of time)
- Operation : _____ tons per _____ (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: _____

  _____
- Operation: No change in waste handling will occur as a result of this action

  _____

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 the 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:

Mixed use area including commercial/industrial properties and some nearby residences within approximately 0.1 miles.

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	2.6	2.6	0.0
• Forested	0.0	0.0	0.0
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)	0.2	0.2	0.0
• Agricultural (includes active orchards, field, greenhouse etc.)	0.0	0.0	0.0
• Surface water features (lakes, ponds, streams, rivers, etc.)	0.0	0.0	0.0
• Wetlands (freshwater or tidal)	0.0	0.0	0.0
• Non-vegetated (bare rock, earth or fill)	0.0	0.0	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:

St. Peter's Hospital Addiction Recovery Center (±600 feet from site), Samaritan Hospital facility (±1,100 feet from site), Sonshine Patch Preschool (±1,300 feet from site)

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): 9210054, 1206113, 1708794, 2005421

☐ 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): V00468, 401078, V00729, 546018

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

All spills associated with the subject site are listed as closed in the NYSDEC database. The remediation sites are listed as Classification "N" - No Further Action at this time, Classification "C" - Completed, or Classification "A" - Active. For Site 401078, the narrative indictaes remedial activities have been completed.

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? >5 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:

Urban Land	45 %
Urban land-Udorthents comp 0-8%	55 %
	%

d. What is the average depth to the water table on the project site? Average: >3 feet

e. Drainage status of project site soils:

☐	Well Drained:	% of site
☑	Moderately Well Drained:	90 % of site
☑	Poorly Drained	10 % of site

f. Approximate proportion of proposed action site with slopes:

☑	0-10%:	55 % of site
☐	10-15%:	% of site
☐	15% or greater:	% 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 Mohawk River, Lower, Main Stem Classification C
- Lakes or Ponds: Name _____ Classification _____
- Wetlands: Name _____ 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: _____

_____ _____ _____

_____ _____ _____

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): _____

Floodplain Grassland, Vernal Pool, Shale Cliff and Talus Community

ii. Source(s) of description or evaluation: _____

iii. Extent of community/habitat:

- Currently: 1.5, 3.66, 16.48 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

If Yes:

i. Species and listing (endangered or threatened): _____

Bald Eagle

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

If Yes:

i. Species and listing: _____

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: _____

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: _____

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 the National or State Register of Historic Places, or that has been determined by the Commissioner of the NYS Office of Parks, Recreation and Historic Preservation to be eligible for listing on the State Register of Historic Places? ☑ Yes ☐ No

If Yes:

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

ii. Name: Eligible property:Cohoes-Waterford Bridge, Eligible property:St. Nicholas Russian Orthodox Church, Eligible property:...

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): _____

ii. Basis for identification: _____

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: _____

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

iii. Distance between project and resource: _____ 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: _____

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 _____ Date_____

Signature_____ Title_____

PRINT FORM

EAF Mapper Summary Report

Wednesday, October 18, 2023 11:55 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]	No
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 Heritage Areas:Mohawk Valley Heritage Corridor, NYS Heritage Areas:Hudson-Mohawk
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]	Yes
E.1.h.iii [Within 2,000' of DEC Remediation Site - DEC ID]	V00468, 401078, V00729, 546018
E.2.g [Unique Geologic Features]	No
E.2.h.i [Surface Water Features]	No
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.v [Impaired Water Bodies]	No
E.2.i. [Floodway]	Yes
E.2.j. [100 Year Floodplain]	Yes
E.2.k. [500 Year Floodplain]	No
E.2.l. [Aquifers]	Yes

E.2.l. [Aquifer Names]	Principal Aquifer
E.2.n. [Natural Communities]	Yes
E.2.n.i [Natural Communities - Name]	Floodplain Grassland, Vernal Pool, Shale Cliff and Talus Community
E.2.n.i [Natural Communities - Acres]	1.5, 3.66, 16.48
E.2.o. [Endangered or Threatened Species]	Yes
E.2.o. [Endangered or Threatened Species - Name]	Bald Eagle
E.2.p. [Rare Plants or Animals]	No
E.3.a. [Agricultural District]	No
E.3.c. [National Natural Landmark]	No
E.3.d [Critical Environmental Area]	No
E.3.e. [National or State Register of Historic Places or State Eligible Sites]	Yes - Digital mapping data for archaeological site boundaries are not available. Refer to EAF Workbook.
E.3.e.ii [National or State Register of Historic Places or State Eligible Sites - Name]	Eligible property:Cohoes-Waterford Bridge, Eligible property:St. Nicholas Russian Orthodox Church, Eligible property:The Cohoes-Waterford Bridge, Downtown Cohoes Historic District
E.3.f. [Archeological Sites]	Yes
E.3.i. [Designated River Corridor]	No

Attachment B
Draft Public Participation Plan