

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.

See Attached Part 3 Amended Negative Declaration Narrative Addendum

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
New York State Department of Environmental Conservation _____ as lead agency that:

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

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

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

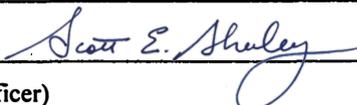
C. This Project may result in one or more significant adverse impacts on the environment, and an environmental impact statement must be prepared to further assess the impact(s) and possible mitigation and to explore alternatives to avoid or reduce those impacts. Accordingly, this positive declaration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

Name of Action: SMCC LIB Recycling Facility

Name of Lead Agency: New York State Department of Environmental Conservation

Name of Responsible Officer in Lead Agency: Scott E. Sheeley

Title of Responsible Officer: Deputy Chief Permit Administrator

Signature of Responsible Officer in Lead Agency:  Date: March 27, 2020

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

For Further Information:

Contact Person: Scott E. Sheeley

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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

State Environmental Quality Review
AMENDED NEGATIVE DECLARATION PURSUANT TO 6 NYCRR 617.7(e)
Narrative addendum to EAF Part 3

DEC Project No. 7-0346-00218

Date: March 27, 2020

This determination amends a prior Negative Declaration dated October 2, 2019. A description of the action and the reasons supporting this amended negative declaration are provided below.

Description of Action: The proposed facility will recycle Lithium-ion batteries (LIBs), within an existing building (former IBM building 259) located at 801 Clark Street within the Huron Business Campus (“Huron Campus”). The batteries will come from electric vehicles, cell phones and other electronic devices. Batteries will be discharged using an electrical discharging station to decrease voltage to about 24 volts. Battery cases will be dismantled into cells, the cells will be heated in a rotary furnace, which further discharges the batteries. The batteries will be cooled, shredded, ground up and the metals will be separated. The rotary dryer will be equipped with air pollution controls that include an afterburner, a spray tower for cooling, a fabric filter, and a wet scrubber. A separate baghouse will be used for the control of particulates from grinding and shredding. Emissions of federally regulated pollutants are predicted to be less than 50 percent of major source thresholds, and emissions of “high toxicity air contaminants” are predicted to be below the thresholds in 6 NYCRR 201-9, Table 1. As a result, the facility is eligible to register the source. However, the New York State Department of Environmental Conservation (DEC) is nonetheless requiring an Air State Facility (ASF) Permit. In addition to the ASF permit, the facility will require a registration from DEC under Part 360 Solid Waste Management Facility for recycling. A separate handling facility on the Huron Campus will be used to receive and store batteries for processing at the recycling facility. The handling facility is proposed to occupy an existing separate building on the Huron Campus located along E Franklin street, just south of the intersection with Clark Street and the recycling facility.

Reasons Supporting This Determination: After review of the submitted application documents, including a Full Environmental Assessment Form (EAF), the DEC evaluation and completion of the EAF Part 2 did not identify any potential impacts as moderate or large. DEC, however, provides a discussion on the its evaluation as follows:

1. Impact on air

The action will not result in a substantial adverse change in existing air quality. While the facility is eligible for an air registration because it would be below applicable emission levels requiring a permit, the DEC required the facility to obtain an Air State

Facility permit so 1) a higher level of review could be performed and 2) enforceable operational conditions could be imposed through the permit. As part of the permit application, the proposed air emissions were characterized by a professional consultant and modeled for ambient impacts on the community. DEC reviewed the application and determined that the proposed air emissions will be controlled through appropriate pollution control devices resulting in air emissions that do not exceed air quality standards established to protect human health and safety, and the environment. There will be no emissions from the battery receiving and handling parts of the facility. As a result of the foregoing, there will be no significant adverse impacts on air quality from operation of the facility.

2. Impact on ground and surface water

The action will not result in a substantial adverse change in ground or surface water quality or quantity. The project site is a former industrial facility. There is no proposed site construction that will affect ground or surface water. The operations are not water use intensive. Other than sanitary water (used by staff for bathrooms, etc.), the facility process related water usage is minimal. - based upon actual usage from a similar facility in South Korea, the system will use about 1,500 gallons of water every three months. Process sources of wastewater consist of the wet scrubber, an air emission control device for the rotary kiln dryer. Water is recycled within the system and makeup water is added as needed to replace evaporation losses. While sanitary wastewater will be discharged to the Village of Endicott sewer system already serving the facility, all process wastewater will be hauled to a permitted wastewater treatment plant.

3. Impact on traffic and noise

The recyclable and storage facilities are located within the industrial park and within buildings previously utilized by industrial activities. DEC expects, based on the applicant's February 24, 2020 letter to the DEC, in response to the Village of Endicott comments, that the facility will receive approximately two truck trips per day (received materials (batteries)) and a similar amount for product (outgoing trips). Therefore, there will be no significant adverse impacts related to traffic and noise levels associated with the facility.

4. Impact on solid waste production

DEC does not expect the facility to cause a significant increase in solid waste production. The facility will recycle solid waste (batteries) and ship the final product for re-use. DEC expects that very little waste will require disposal at a landfill because most byproducts of the process, such as plastic or metal battery packaging, will be recycled at permitted solid waste management facilities. Construction of the facility within an existing building will generate some construction and demolition debris which will be disposed of or recycled at an approved facility.

5. Impact on erosion, flooding, or drainage

The action will not result in a significant increase in potential for erosion, flooding, or drainage problems as the site is currently developed. New construction is limited to within or is essentially a reuse of the existing building.

6. Impact on plants and animals

There will be no removal or destruction of large quantities of vegetation or fauna. There will be no adverse impacts on fish or wildlife species, nor any adverse impacts on protected plant or animal habitat because the project is located within an existing industrial site that does not contain habitat that supports state-protected plants or animals.

7. Impact on a Critical Environmental Area

The project area is not located within a designated critical environmental area pursuant to 617.14(g). As a result, there will be no adverse impacts on a Critical Environmental Area.

8. Impact on community plans/character

There is no identified material conflict with local land use plans or community character. The proposed facility is to be located within existing buildings on the Huron Campus, which is zoned for industrial use and previously used for industrial activity. The facility will need to comply with all local requirements, including any applicable zoning and or special permits requirements.

9. Impact on historic, archeological and aesthetic resources

There will be no known impairment of the character or quality of important historical, archeological, architectural, or aesthetic resources, or of existing community and neighborhood character. All operations and construction will be conducted within existing buildings on the Huron Campus. Further, no aesthetic resources of significance have been identified within the project vicinity. While IBM building #38 on the Huron Campus has been determined as eligible for listing on the State register of Historic Places, it is not contiguous to the proposed facility, nor will it be adversely impacted by facility operations for the same reasons as stated above.

10. Impact on energy

There will be no major change in the use of either the quantity or type of energy. The primary process will be powered by an existing natural gas connection while electricity will be used to power fans, lights, conveyors, controls and ancillary equipment. The existing electrical service to the building can handle the demand and the usage is not significant for the industrial park. Battery recycling activities will assist the State in meeting its renewable energy goals.

11. Impact on human health

There is no identified creation of a hazard to human health. No hazardous waste is anticipated to be generated from the recycling process. The battery powder product

and scrubber wastewater have been tested (data from a similar facility in Korea) and do not have hazardous waste characteristics. The installation and use of air pollution control measures will ensure that emissions meet applicable air standards. Batteries will be transported in compliance with Department of Transportation guidelines, and stored in metal containers, which also minimizes the potential for hazardous occurrences such as fires. Additionally, the separate handling and storage facilities, combined with limiting the quantity of batteries processed daily, minimizes the potential for hazardous events. The facility will be equipped with fire avoidance and suppression systems and conform to all fire codes. Staff training to meet safety standards will also be conducted by the facility.