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 1 is accurate and complete.

A. Project and Applicant/Sponsor Information.

<table>
<thead>
<tr>
<th>Name of Action or Project:</th>
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<tbody>
<tr>
<td>Steuben County Bath Landfill Eastern Expansion</td>
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<table>
<thead>
<tr>
<th>Project Location (describe, and attach a general location map):</th>
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<tbody>
<tr>
<td>5632 Turnpike Road Bath, NY 14810. The facility is located on the south side of Turnpike Road, southwest of the Village of Bath.</td>
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<table>
<thead>
<tr>
<th>Brief Description of Proposed Action (include purpose or need):</th>
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<tbody>
<tr>
<td>Steuben County proposes an expansion of the currently permitted solid waste landfill. The proposed action will include an extension of the double composite liner system and associated infrastructure including leachate collection and conveyance, landfill gas collection and conveyance, stormwater management infrastructure, access roads, and soil borrow areas. The County is also acquiring the separately permitted landfill gas to energy facility, which is currently not in operation, in order to pursue future beneficial utilization alternatives of the landfill gas generated at the site.</td>
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<table>
<thead>
<tr>
<th>Name of Applicant/Sponsor:</th>
<th>Telephone: 607-664-2460</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steuben County</td>
<td>E-Mail: <a href="mailto:SOCrutt@steubenCountyNY.gov">SOCrutt@steubenCountyNY.gov</a></td>
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<table>
<thead>
<tr>
<th>Address:</th>
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<tbody>
<tr>
<td>3 East Pulteney Square</td>
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<thead>
<tr>
<th>City/PO: Bath</th>
<th>State: New York</th>
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<tbody>
<tr>
<td>Telephone: 607-664-2460</td>
<td>Zip Code: 14810</td>
</tr>
<tr>
<td>E-Mail: <a href="mailto:SOCrutt@steubenCountyNY.gov">SOCrutt@steubenCountyNY.gov</a></td>
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<tr>
<th>Project Contact (if not same as sponsor; give name and title/role):</th>
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<tbody>
<tr>
<td>Steve Orcutt, Assistant Commissioner of Public Works</td>
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<td>E-Mail:</td>
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<tr>
<th>Property Owner (if not same as sponsor):</th>
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<td>Telephone:</td>
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<td>E-Mail:</td>
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<tbody>
<tr>
<td>State:</td>
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<tr>
<td>Zip Code:</td>
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### B. Government Approvals

**B. Government Approvals, Funding, or Sponsorship.** ("Funding" includes grants, loans, tax relief, and any other forms of financial assistance.)

<table>
<thead>
<tr>
<th>Government Entity</th>
<th>If Yes: Identify Agency and Approval(s) Required</th>
<th>Application Date (Actual or projected)</th>
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<tbody>
<tr>
<td>a. City Counsel, Town Board, or Village Board of Trustees</td>
<td>☐ Yes ☑ No</td>
<td></td>
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<tr>
<td>b. City, Town or Village Planning Board or Commission</td>
<td>☐ Yes ☑ No</td>
<td></td>
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<tr>
<td>c. City, Town or Village Zoning Board of Appeals</td>
<td>☐ Yes ☑ No</td>
<td></td>
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<tr>
<td>d. Other local agencies</td>
<td>☐ Yes ☑ No</td>
<td></td>
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<tr>
<td>e. County agencies</td>
<td>☐ Yes ☑ No</td>
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<tr>
<td>f. Regional agencies</td>
<td>☐ Yes ☑ No</td>
<td></td>
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<tr>
<td>g. State agencies</td>
<td>☑ Yes ☐ No</td>
<td>NYSDEC Part 360 Permit, Title V Mod, SHPO Spring 2020, Summer 2020, Summer 2019</td>
</tr>
<tr>
<td>h. Federal agencies</td>
<td>☑ Yes ☐ No</td>
<td>USACE, USFWS TBD</td>
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i. Coastal Resources.
   1. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway? ☑ Yes ☐ No
   2. Is the project site located in a community with an approved Local Waterfront Revitalization Program? ☐ Yes ☑ No
   3. 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 Susquehanna, Remediation Sites:861014

   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?  

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  
   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? Bath Central School District  

b. What police or other public protection forces serve the project site?  
   Steuben County Sheriff, New York State Police  

c. Which fire protection and emergency medical services serve the project site?  
   Bath Fire Department, Ira Davenport Memorial Hospital Emergency Services, Bath Ambulance  

d. What parks serve the project site?  
   N/A  

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)? Solid Waste Management  

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<td><strong>b.</strong></td>
<td>Total acreage of the site of the proposed action?</td>
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<td>Total acreage to be physically disturbed?</td>
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<td>Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor?</td>
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b. 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)?  
      % 135 Units: acres of landfill liner  

d. Is the proposed action a subdivision, or does it include a subdivision?  
   □ Yes □ No  
   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 ~10  
      - Anticipated commencement date of phase 1 (including demolition) March month 2022 year  
      - Anticipated completion date of final phase Dec. month 2024 year  
      - Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases:  

Landfill construction typically proceeds in phases over the entire life of the landfill. Several acres of landfill liner will be constructed at once to provide several years of airspace. Construction will be completed when all landfill cells and associated infrastructure have been constructed.
f. Does the project include new residential uses? □ Yes ☑ No
   If Yes, show numbers of units proposed.
   
<table>
<thead>
<tr>
<th>One Family</th>
<th>Two Family</th>
<th>Three Family</th>
<th>Multiple Family (four or more)</th>
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   Initial Phase ____________________________________________
   At completion of all phases __________________________________

   g. Does the proposed action include new non-residential construction (including expansions)? ☑ Yes □ No
      If Yes, Other: Approximately 73-acre proposed expansion of an existing permitted MSW landfill.
      i. Total number of structures ____________ n/a
      ii. Dimensions (in feet) of largest proposed structure: ____________ square feet
      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: Stormwater ponds will be constructed to attenuate peak stormwater discharges off-site.
      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: ____________ TBD million gallons; surface area: ____________ TBD acres
      v. Dimensions of the proposed dam or impounding structure: ____________ TBD feet; ____________ TBD square feet
      vi. Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete):
      Earth fill

D.2. Project Operations

a. Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both? ☑ Yes □ No
   (Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite)
   If Yes:
   i. What is the purpose of the excavation or dredging? Excavation for landfill operating and cover soils
   ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?
      • Volume (specify tons or cubic yards): ____________ cubic yards; none will be removed from the site
      • 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.
   Soil will be excavated from the site during landfill subgrade construction or from the borrow area to construct landfill berms or for use as landfill cover soils.
   iv. Will there be onsite dewatering or processing of excavated materials?
      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:
      On-site borrow areas will be reclaimed in accordance with Part 422; all excavation areas will be graded to drain, topsoiled, and vegetated following the completion of excavation activities.

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):
      Some wetlands and streams have been delineated on-site; their jurisdiction are under review.
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:

**Proposed activities will be designed around wetlands and waterbodies to the extent practicable. If disturbed, ways to minimize and mitigate adverse impacts will be considered and proposed accordingly.**

iii. Will the proposed action cause or result in disturbance to bottom sediments?  
If Yes, describe:  

<table>
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<th>Yes</th>
<th>No</th>
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iv. Will the proposed action cause or result in the destruction or removal of aquatic vegetation?  
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:  
Temporary impacted areas will be restored to pre-disturbance conditions; permanent impacts will be mitigated in conjunction with the USACE if necessary.

c. Will the proposed action use, or create a new demand for water?  
If Yes:

<table>
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<th>Yes</th>
<th>No</th>
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i. Total anticipated water usage/demand per day: 

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<th>gallons/day</th>
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ii. Will the proposed action obtain water from an existing public water supply?  
If Yes:

- Name of district or service area: 
- Does the existing public water supply have capacity to serve the proposal?  
- Is the project site in the existing district?  
- Is expansion of the district needed?  
- Do existing lines serve the project site?  

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
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iii. Will line extension within an existing district be necessary to supply the project?  
If Yes:

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

<table>
<thead>
<tr>
<th>Source(s) of supply for the district:</th>
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iv. Is a new water supply district or service area proposed to be formed to serve the project site?  
If, Yes:

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

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<th>Yes</th>
<th>No</th>
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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: 

<table>
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<th>gallons/minute</th>
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d. Will the proposed action generate liquid wastes?  
If Yes:

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<th>Yes</th>
<th>No</th>
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i. Total anticipated liquid waste generation per day: 

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<tr>
<th>36,000 gallons/day</th>
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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):

The placement of waste in the proposed landfill expansion will generate leachate.

iii. Will the proposed action use any existing public wastewater treatment facilities?  
If Yes:

- Name of wastewater treatment plant to be used: Bath Landfill Pre-Treatment Plant, Village of Bath Wastewater Treatment Plant 
- Name of district: n/a 
- Does the existing wastewater treatment plant have capacity to serve the project?  
- Is the project site in the existing district? N/A  
- Is expansion of the district needed?  

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
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• 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:

All leachate generated in the proposed landfill expansion will be collected and conveyed via dual-contained piping to the leachate pre-treatment plant, as leachate generated in the existing landfill is currently handled.

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]

  i. How much impervious surface will the project create in relation to total size of project parcel?
     • Square feet or 5 acres (impervious surface)
  
  ii. Describe types of new point sources. Stormwater runoff from the outer slopes of the proposed landfill expansion will be collected in perimeter swales for discharge to stormwater management infrastructure.

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

Stormwater runoff will be directed to the existing stormwater retention ponds or new stormwater retention ponds constructed as part of the proposed action prior to discharge off-site.

  • If to surface waters, identify receiving water bodies or wetlands:
    Knight Creek, Maxwell Creek, and unnamed tributary to Campbell Creek

  • 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]

  i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)
     Landfill compaction equipment, waste hauling vehicles
  
  ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)
     N/A
  
  iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation)
     Bath Landfill and proposed expansion: on-site landfill gas flares; borrow area operations

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:
     • 100,000 Tons/year (short tons) of Carbon Dioxide (CO₂)
     • 0 Tons/year (short tons) of Nitrous Oxide (N₂O)
     • 0 Tons/year (short tons) of Perfluorocarbons (PFCs)
     • 0 Tons/year (short tons) of Sulfur Hexafluoride (SF₆)
     • 0 Tons/year (short tons) of Carbon Dioxide equivalent of Hydrofluorocarbons (HFCs)
     • 7.4 Tons/year (short tons) of Hazardous Air Pollutants (HAPs)

  Estimated emissions are total emissions, not project emissions, and include fugitive and combustion emissions from landfill gas generated in the closed, active, and future proposed expansion landfill areas.
h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)?
   If Yes:
   i. Estimate methane generation in tons/year (metric): 3.85 (total emissions including existing permitted landfill areas)
   ii. Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring):
The landfill employs an active gas collection and control system. Gas generated from waste decomposition is collected and combusted in the on-site flare.

i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as quarry or landfill operations?
   If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust):
The proposed action is located at an existing landfill, which generates particulate, carbon dioxide, and combustion emissions from waste placement activities, waste decomposition, and gas flaring. The proposed landfill expansion will increase the total air emissions from the site and extend the time period over which emissions occur. The peak emissions will not change. Dust and particulate emissions are also anticipated from borrow area operations.

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?
   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?
   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?
   vii. Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles?
   viii. Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes?

k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy?
   If Yes:
   i. Estimate annual electricity demand during operation of the proposed action:
      TBD - will be based on engineering design of any necessary pumps or other mechanical equipment
   ii. Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility, or other):
      local utility
   iii. Will the proposed action require a new, or an upgrade, to an existing substation?

l. Hours of operation. Answer all items which apply.
   i. During Construction:
      • Monday - Friday: 7:30 AM - 3:30 PM
      • Saturday: 7:30 AM - 3:30 PM
      • Sunday: closed
      • Holidays: closed
   ii. During Operations:
      • Monday - Friday: 7:30 AM - 3:30 PM
      • Saturday: 7:30 AM - 3:30 PM
      • Sunday: closed
      • Holidays: closed
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:
      Temporary increases in noise due to construction. Operational noise will meet applicable regulatory thresholds.

   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

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:

   **Landfill operation has the potential to produce odors, especially during the placement and spreading of waste during daily operations. Conditions would remain similar to existing, but the location of odors may change due to the change in operating footprint for the expansion.**

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: The site currently has bulk storage of petroleum or chemical products at or above these thresholds (see site's SPCC plan) which will continue to be used throughout the proposed action. No increase in storage capacity is anticipated.
   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: _______ N/A tons per _______ (unit of time)
      - Operation: _______ 850 tons per _______ day (unit of time)
   ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:
      - Construction: N/A
      - Operation: The site operates a residential drop-off facility for source-separated recyclable materials on-site.
   iii. Proposed disposal methods/facilities for solid waste generated on-site:
      - Construction: N/A
      - Operation: The site is a permitted sanitary landfill. No waste is generated on-site. Waste is disposed of on-site within the lined landfill area in accordance with DEC-approved documents.
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): Expansion of the existing MSW landfill

ii. Anticipated rate of disposal/processing:
   • 25,500 Tons/month, if transfer or other non-combustion/thermal treatment, or
   • Tons/hour, if combustion or thermal treatment

iii. If landfill, anticipated site life: ___ additional ___ years

i. 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:

   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): Existing MSW Landfill
   ii. If mix of uses, generally describe:

b. Land uses and covertypes on the project site.

<table>
<thead>
<tr>
<th>Land use or Covertype</th>
<th>Current Acreage</th>
<th>Acreage After Project Completion</th>
<th>Change (Acres +/-)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roads, buildings, and other paved or impervious surfaces</td>
<td>9</td>
<td>14</td>
<td>5</td>
</tr>
<tr>
<td>Forested</td>
<td>225</td>
<td>157</td>
<td>-68</td>
</tr>
<tr>
<td>Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)</td>
<td>183</td>
<td>145</td>
<td>-38</td>
</tr>
<tr>
<td>Agricultural (includes active orchards, field, greenhouse etc.)</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Surface water features (lakes, ponds, streams, rivers, etc.)</td>
<td>3</td>
<td>5</td>
<td>2</td>
</tr>
<tr>
<td>Wetlands (freshwater or tidal)</td>
<td>2</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>Non-vegetated (bare rock, earth or fill)</td>
<td>5</td>
<td>5</td>
<td>0</td>
</tr>
<tr>
<td>Other Describe: Active and closed landfill areas</td>
<td>85 ac LF / 52 ac borrow area</td>
<td>158 ac LF / 90 ac borrow areas / 40 ac ancillary facilities</td>
<td>151</td>
</tr>
</tbody>
</table>
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:

   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, ☐ Yes ☑ No
      or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility?
      If Yes:
      i. Has the facility been formally closed?
         - If yes, cite sources/documentation:
         ii. Describe the location of the project site relative to the boundaries of the solid waste management facility:
            The proposed landfill expansion will tie-in to the active municipal solid waste landfill double composite liner system to the east and south.
         iii. Describe any development constraints due to the prior solid waste activities:
            The proposed development will minimize impacts to existing solid waste management facilities on-site.

   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:
The Old Bath Landfill was active from 1976 to 1987 and accepted industrial waste contaminated with methyl ethyl ketone. Trichloroethylen-contaminated soils were also discovered at the site and disposed of in the landfill. All remedial work was completed at the site in 1995. Site management is ongoing.

   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 – Spills Incidents database ☐ Yes ☑ No
         - Yes – Environmental Site Remediation database ☑ Yes ☐ No
            Provide DEC ID number(s): 851014
         - Neither database ☐ Yes ☑ No
      ii. If site has been subject of RCRA corrective activities, describe control measures:
The Old Bath Landfill was capped, a perimeter leachate collection system installed, a leachate pretreatment facility constructed with direct pipeline to the Village of Bath WWTP. A deed restriction and access control are in place to limit use of the facility.
      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): 851014
      iv. If yes to (i), (ii) or (iii) above, describe current status of site(s):
            Remediation at the site is complete. Site management and monitoring is ongoing.
v. Is the project site subject to an institutional control limiting property uses?  
   - If yes, DEC site ID number: 851014
   - Describe the type of institutional control (e.g., deed restriction or easement): Deed restriction
   - Describe any use limitations:
   - Describe any engineering controls: Cover system, leachate collection, fencing/access control, O&M plan
   - Will the project affect the institutional or engineering controls in place?  
     □ Yes □ No
   - Explain:

The proposed action will occur adjacent to the active landfill on-site and will not impact the Old Bath Landfill or its implemented engineering controls.

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E.2. Natural Resources On or Near Project Site

a. What is the average depth to bedrock on the project site?  
   > 6.5 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:
   - Mardin channery silt loam  80 %
   - Fremont silt loam  9 %
   - Volusia channery silt loam  7 %

d. What is the average depth to the water table on the project site? Average: 1.5 feet

---

e. Drainage status of project site soils:
   - Well Drained: 1.5 % of site
   - Moderately Well Drained: 79.6 % of site
   - Poorly Drained: 18.9 % of site

f. Approximate proportion of proposed action site with slopes:
   - 0-10%: 50.1 % of site
   - 10-15%: 41.6 % of site
   - 15% or greater: 8.3 % 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 811-208 (Maxwell Creek) Classification C
   - Lakes or Ponds: Name Classification
   - 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:
m. Identify the predominant wildlife species that occupy or use the project site:
   Migratory birds, including bald eagles
   Grey squirrel
   Gulls
   Eastern cottontail
   White-tailed deer
   Raccoon

n. Does the project site contain a designated significant natural community?
   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?
   If Yes:
   i. Species and listing (endangered or threatened):

   northern long-eared bat (threatened)

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?
   If Yes:
   i. Species and listing:

q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing?
   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?
   If Yes, provide county plus district name/number:

b. Are agricultural lands consisting of highly productive soils present?
   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?
   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?
   If Yes:
   i. CEA name:
   ii. Basis for designation:
   iii. Designating agency and date:
c. 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: ______________________________________

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 five 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  Steven P. Orcutt Date 7/15/2019

Signature  ______________________ Title  Assistant Commissioner - Landfill
<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>B.i.i [Coastal or Waterfront Area]</td>
<td>No</td>
</tr>
<tr>
<td>B.i.ii [Local Waterfront Revitalization Area]</td>
<td>No</td>
</tr>
<tr>
<td>C.2.b. [Special Planning District]</td>
<td>Yes - Digital mapping data are not available for all Special Planning Districts. Refer to EAF Workbook.</td>
</tr>
<tr>
<td>C.2.b. [Special Planning District - Name]</td>
<td>NYS Major Basins: Upper Susquehanna, Remediation Sites: 851014</td>
</tr>
<tr>
<td>E.1.h [DEC Spills or Remediation Site - Potential Contamination History]</td>
<td>Yes - Digital mapping data for Spills Incidents are not available for this location. Refer to EAF Workbook.</td>
</tr>
<tr>
<td>E.1.h.i [DEC Spills or Remediation Site - Listed]</td>
<td>Yes</td>
</tr>
<tr>
<td>E.1.h.i [DEC Spills or Remediation Site - Environmental Site Remediation Database]</td>
<td>Yes</td>
</tr>
<tr>
<td>E.1.h.i [DEC Spills or Remediation Site - DEC ID Number]</td>
<td>851014</td>
</tr>
<tr>
<td>E.1.h.iii [Within 2,000' of DEC Remediation Site]</td>
<td>Yes</td>
</tr>
<tr>
<td>E.1.h.iii [Within 2,000' of DEC Remediation Site - DEC ID]</td>
<td>851014</td>
</tr>
<tr>
<td>E.2.g [Unique Geologic Features]</td>
<td>No</td>
</tr>
<tr>
<td>E.2.h.i [Surface Water Features]</td>
<td>Yes</td>
</tr>
<tr>
<td>E.2.h.ii [Surface Water Features]</td>
<td>Yes</td>
</tr>
<tr>
<td>E.2.h.iii [Surface Water Features]</td>
<td>Yes - Digital mapping information on local and federal wetlands and waterbodies is known to be incomplete. Refer to EAF Workbook.</td>
</tr>
<tr>
<td>E.2.h.iv [Surface Water Features - Stream Name]</td>
<td>811-208</td>
</tr>
<tr>
<td>E.2.h.iv [Surface Water Features - Stream Classification]</td>
<td>C</td>
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<tr>
<td>E.2.h.iv [Surface Water Features - Wetlands Name]</td>
<td>Federal Waters</td>
</tr>
<tr>
<td>E.2.h.v  [Impaired Water Bodies]</td>
<td>No</td>
</tr>
<tr>
<td>---------------------------------</td>
<td>----</td>
</tr>
<tr>
<td>E.2.i.  [Floodway]</td>
<td>Digital mapping data are not available or are incomplete. Refer to EAF Workbook.</td>
</tr>
<tr>
<td>E.2.j.  [100 Year Floodplain]</td>
<td>Digital mapping data are not available or are incomplete. Refer to EAF Workbook.</td>
</tr>
<tr>
<td>E.2.k.  [500 Year Floodplain]</td>
<td>Digital mapping data are not available or are incomplete. Refer to EAF Workbook.</td>
</tr>
<tr>
<td>E.2.l.  [Aquifers]</td>
<td>No</td>
</tr>
<tr>
<td>E.2.n.  [Natural Communities]</td>
<td>No</td>
</tr>
<tr>
<td>E.2.o.  [Endangered or Threatened Species]</td>
<td>No</td>
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<td>E.2.p.  [Rare Plants or Animals]</td>
<td>No</td>
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<tr>
<td>E.3.a.  [Agricultural District]</td>
<td>Yes</td>
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<td>E.3.a.  [Agricultural District]</td>
<td>STEU003</td>
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<td>E.3.c.  [National Natural Landmark]</td>
<td>No</td>
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<tr>
<td>E.3.d.  [Critical Environmental Area]</td>
<td>No</td>
</tr>
<tr>
<td>E.3.e.  [National or State Register of Historic Places or State Eligible Sites]</td>
<td>Digital mapping data are not available or are incomplete. Refer to EAF Workbook.</td>
</tr>
<tr>
<td>E.3.f.  [Archeological Sites]</td>
<td>No</td>
</tr>
<tr>
<td>E.3.i.  [Designated River Corridor]</td>
<td>No</td>
</tr>
</tbody>
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