

APPENDIX A:
SEQRA DOCUMENTS

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.

| | | |
|---|--------------|-------------------------------------|
| Name of Action or Project: New York State Life Sciences Public Health Laboratory | | |
| Project Location (describe, and attach a general location map): Portion of the W. Averell Harriman State Office Building Campus located at 1220 Washington Avenue, Albany, NY 12203 (See Figures 1 through 5) | | |
| Brief Description of Proposed Action (include purpose or need): The Proposed Project would redevelop a vacant, approximately 27-acre area on the southeastern portion of the W. Averell Harriman State Office Building Campus with a new, four-story (plus mechanical floor) building totaling approximately 647,000 gross square feet (gsf), and a surface parking lot with approximately 930 parking spaces. The Proposed Project would provide a consolidated and centralized building that would maximize resources for public health testing and research collaborations within a purpose-built, state-of-the-art laboratory facility. The new Life Sciences Public Health Laboratory would consolidate the existing functions of the Wadsworth Center - a science-based community committed to protecting and improving the health of New Yorkers through laboratory analysis, investigations and research, as well as laboratory certification and educational programs - that are currently housed in five different facilities located in the Capital Region (see attached Project Description and Figures 1 through 5 for additional information). | | |
| Name of Applicant/Sponsor: NYS Department of Health, Robert L. Glaser, Ph.D., Director, Div of Laboratory Operations | | Telephone: 518-474-1002 |
| | | E-Mail: robert.glaser@health.ny.gov |
| Address: Wadsworth Center, Empire State Plaza | | |
| City/PO: Albany | State: NY | Zip Code: 12237 |
| Project Contact (if not same as sponsor; give name and title/role): Dormitory Authority of the State of New York c/o Robert S. Derico, R.A., Director | | Telephone: 518.257.3214 |
| | | E-Mail: rderico@dasny.org |
| Address: Office of Environmental Affairs, 515 Broadway | | |
| City/PO: Albany | State: NY | Zip Code: 12207 |
| Property Owner (if not same as sponsor): | | Telephone: |
| | | E-Mail: |
| Address: | | |
| City/PO: | State: | Zip Code: |

PROJECT DESCRIPTION

Introduction

The Dormitory Authority of the State of New York (“DASNY”) has received a request from the New York State Department of Health (“NYSDOH”) (the “Applicant”) to construct the New York State (“NYS”) Life Sciences Public Health Laboratory. For the purposes of *State Environmental Quality Review* (“SEQR”), the Proposed Action would consist of DASNY’s approval of a construction application filed pursuant to Section 2802 of the *Public Health Law* (“PHL”) that would consist of NYSDOH’s plan to centralize and consolidate existing operations of the Wadsworth Center that are currently located in five separate facilities located in the Capital Region.

The Proposed Action would result in the construction of a new, purpose-built, state-of-the-art Life Sciences Public Health Laboratory building and accessory surface parking lot (the “Proposed Project”). The Proposed Project would foster innovation and collaboration at the Wadsworth Center and its facilities, and between the Wadsworth Center and outside partners, contributing to broader life sciences initiatives in the Capital Region.

Description of the Wadsworth Center

The NYSDOH Wadsworth Center is a science-based public health institution that has been the public health laboratory of New York State since 1914. The scientific community of the Wadsworth Center is committed to protecting and improving the health of New Yorkers through laboratory analysis, investigations, and research, as well as laboratory certification and educational programs. Additionally, as New York State’s public health reference laboratory, the Wadsworth Center is responsible for responding to public health threats, developing methods to detect microbes and genetic disorders, measuring and analyzing environmental chemicals, and licensing clinical and environmental laboratories. The existing Wadsworth Center laboratories are located in five separate, out-of-date facilities across the Capital Region, totaling approximately 800 personnel. The five Wadsworth Center laboratory facilities are:

1. Griffin Laboratory, 5668 State Farm Road (NYS Route 155), Slingerlands;
2. Biggs Laboratory, Empire State Plaza, Corning Tower, Albany;
3. David Axelrod Institute, 120 New Scotland Avenue, Albany;
4. Life Sciences Innovation Building, 130 New Scotland Avenue, Albany; and
5. Western Avenue Offices, Albany.

Project Site

The Project Site is an approximately 27-acre vacant parcel on the southeastern portion of the approximately 330-acre W. Averell Harriman State Office Building Campus at 1220 Washington Avenue in western Albany (see **Figures 1 through 3**). The campus was largely developed during the 1950s and 1960s and includes 16 New York State Government office buildings in a campus-like setting. The campus is roughly bounded by Washington Avenue to the north, Western Avenue to the south, the University of Albany to the west, and New York State Route 85 to the east.

The Project Site previously contained structures that were part of the campus but those structures have been demolished. The Project Site currently contains paved and unpaved areas.

Proposed Project

NYSDOH proposes to redevelop the Project Site with a new, four-story plus mechanical floor state-of-the-art laboratory building containing approximately 647,000 gross square feet (“gsf”) and a surface parking lot with approximately 930 parking spaces (see **Figures 4 and 5**). The new building would centralize and consolidate the existing operations of the Wadsworth Center within a new facility that would maximize resources in support of public health testing, research, and learning opportunities.

As shown in **Figures 2 through 5**, the new building would be sited on the eastern portion of the Project Site, with parking to the west. As currently contemplated, the building is being designed with a “hub and spoke” plan with a centralized hub containing an atrium, vertical circulation, and spaces for collaboration. Two spokes would extend from the hub and would contain four stories of laboratories, associated office space, and other support programs, plus a full mechanical floor. The primary entrance for staff and visitors would be from the west side of the new building, which would be oriented toward the parking lot and on-site walkways. Loading and service access would be provided at the northeast portion of the Project Site, which would allow for direct access to the loading docks.

The new facility is being designed to include a variety of spaces for biology and chemistry laboratories, vivariums, high containment laboratories, light and electron microscopy imaging laboratories, particulate clean rooms, and nuclear chemistry laboratories. Laboratory support spaces would also be provided, including instrumentation laboratories, environmental rooms, a trans-shipping warehouse facility, a large freezer storage area, and facilities management maintenance and repair shops. The building is also being designed to contain a Central Utilities Plant and a hazards receipt facility. Amenity spaces are anticipated to include offices, conference rooms, classrooms, collaboration spaces, a large auditorium, kitchenettes, and a cafeteria.

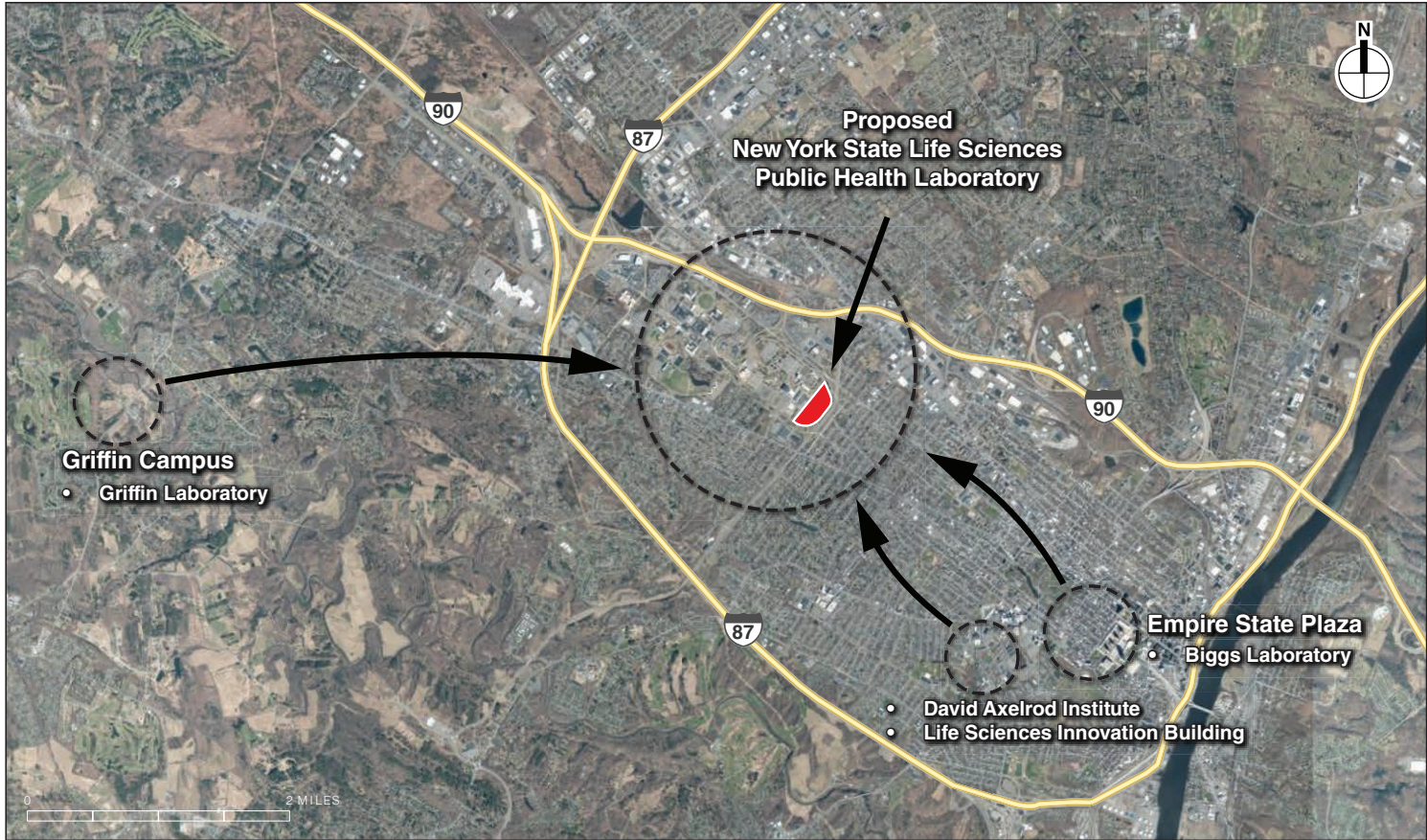
NYSDOH is committed to incorporating principles of sustainability and wellness into the Proposed Project consistent with Executive Order 22 (“EO-22”). The focus is on an integrated design approach that optimizes building performance and improves occupant health and well-being. The goal is to reduce greenhouse gases that are associated with energy, waste, and water, and maximize human health and experience associated within

the facility. The Proposed Project is also being designed to achieve Leadership in Energy and Environmental Design (“LEED”) v4/4.1 Silver certification.

The Project Site is being designed to have a 50-foot setback from the Campus Access Road which would preserve many of the existing trees on the Project Site, while providing space for a landscape privacy buffer along the perimeter of the Project Site. The Project Site design would provide approximately 930 parking spaces, with an approximately 82-foot setback from all facades of the building as a security zone which would include walkways and landscaping. The Project Site would be accessed from the Campus Access Road.

The Proposed Project is expected to begin in 2024 and would last for approximately 69 months. Therefore, for the purposes of the environmental review, a 2030 analysis year is assumed.

DASNY is seeking lead agency status for this environmental review. NYSDOH will be an involved agency for this review.



NOTE: FOR ILLUSTRATIVE PURPOSES ONLY

- Project Site*
- Wadsworth Center Laboratory Facilities*



1.26.24

Source: NYS Office of General Services

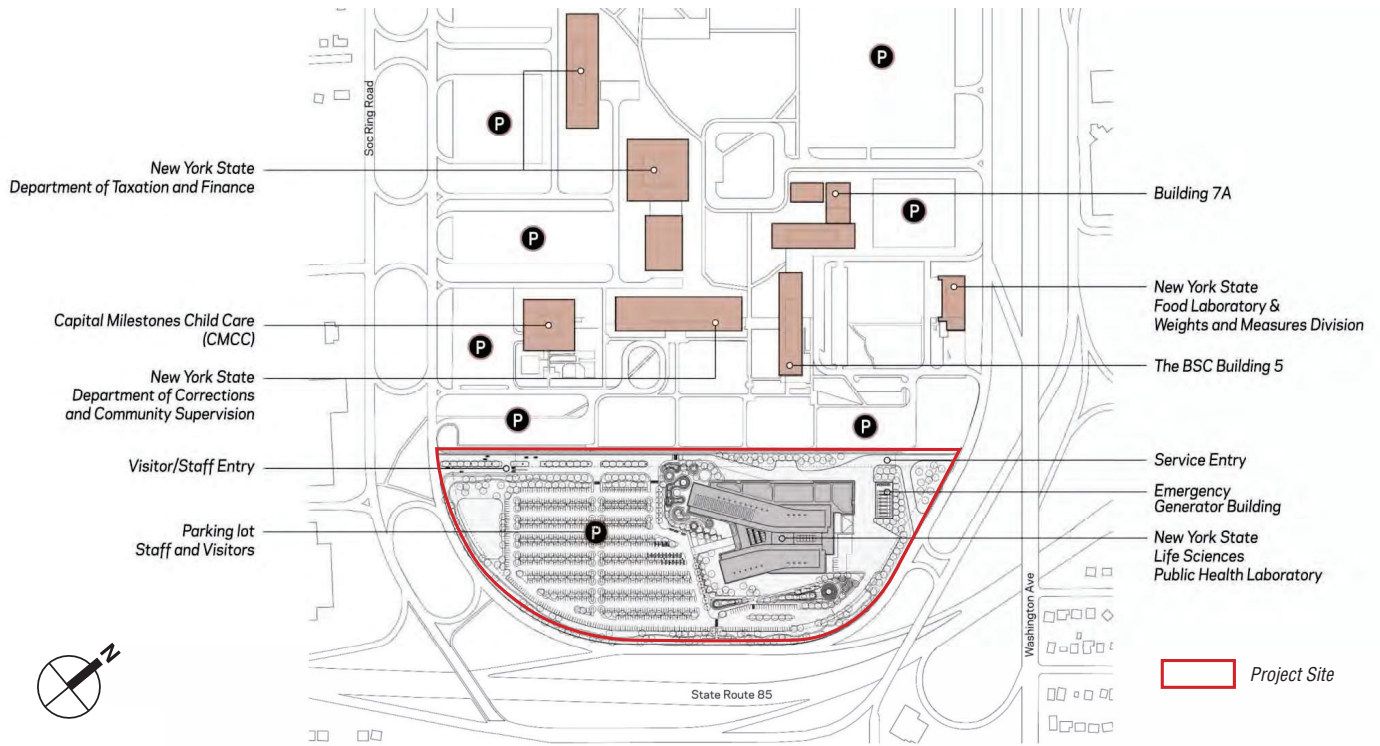


 Project Site

NYS LIFE SCIENCES PUBLIC HEALTH LABORATORY

W. Averell Harriman State Office Building Campus
Figure 3

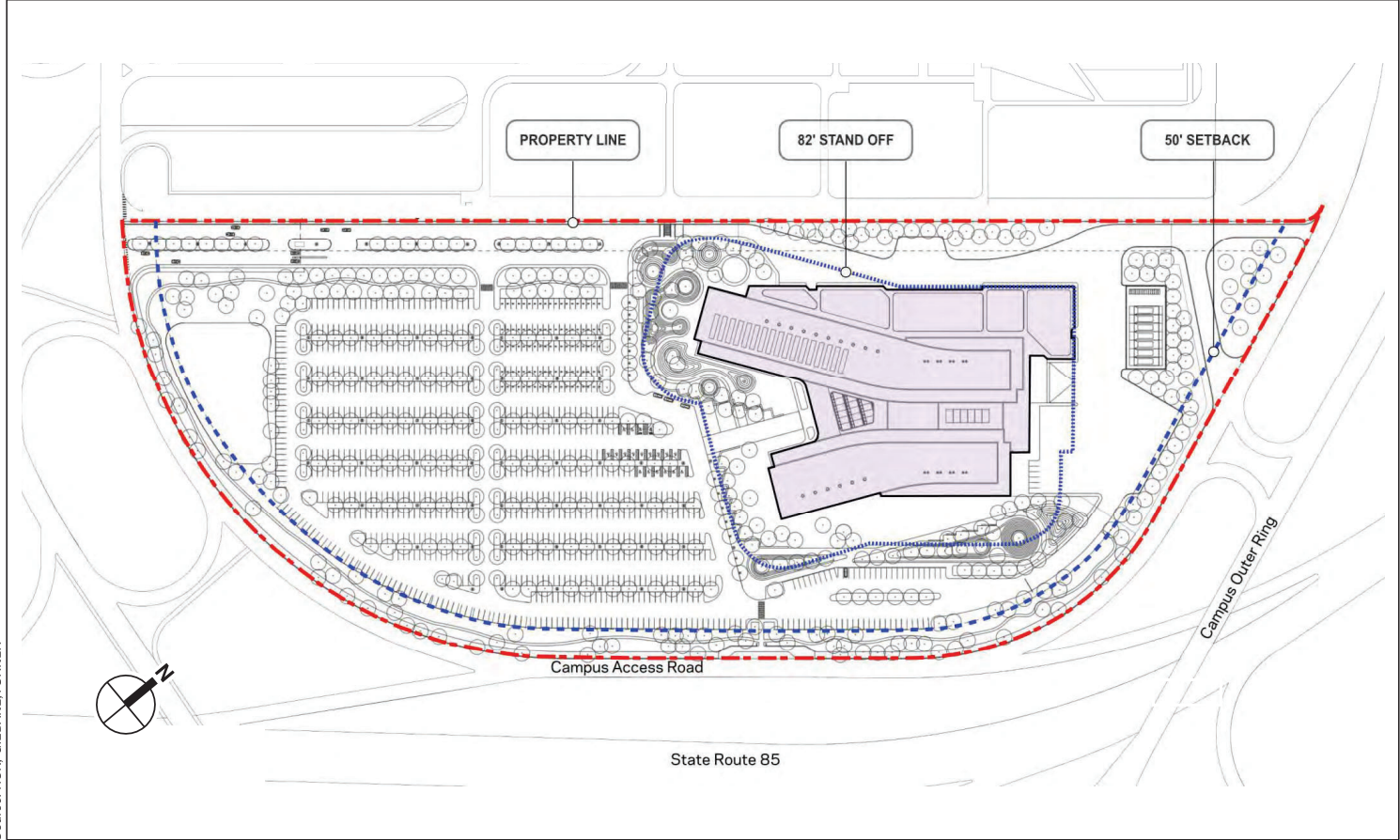
Source: HOK, GILBANE, TURNER



NOTE: FOR ILLUSTRATIVE PURPOSES ONLY

NYS LIFE SCIENCES PUBLIC HEALTH LABORATORY

Proposed Site Plan
Site and Context
Figure 4



 Project Site

NOTE: FOR ILLUSTRATIVE PURPOSES ONLY

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, <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No or Village Board of Trustees | | |
| b. City, Town or Village <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Planning Board or Commission | | |
| c. City, Town or <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Village Zoning Board of Appeals | | |
| d. Other local agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | See attached list "B. Government Approvals" | |
| e. County agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Albany County Department of Public Works. See attached list "B. Government Approvals" | 2025 |
| f. Regional agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | |
| g. State agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | DASNY Construction Application pursuant to Section 2802 of the Public Health Law | 2025 |
| h. Federal agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | |
| i. Coastal Resources. i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No iii. Is the project site within a Coastal Erosion Hazard Area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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

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):

B. Government Approvals (EAF Attachment)

The Proposed Project requires the approvals listed below.

- Stormwater Approvals (Albany County Department of Public Works)
- Connections to City of Albany sanitary sewer and water lines (City of Albany)
- SPDES General Permit for Stormwater Discharges from Construction Activity (New York State Department of Environmental Conservation)
- Roadway modification, if any (NYS Office of General Services/NYS Department of Transportation)
- Section 14.09 Review (New York State Office of Parks, Recreation, and Historic Preservation)
- Construction Permitting, DASNY

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-CI (Mixed-Use Campus/Institutional)

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? Albany City School District

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

Albany Police Department

c. Which fire protection and emergency medical services serve the project site?

Albany Fire Department (Brevator Station) (Albany FD is considered an "All Hazards" Fire Department, which includes EMS)

d. What parks serve the project site?

Rosemont Park, Westland Hills, Sunset Park, University of Albany athletic fields

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)? Institutional/educational research laboratory

b. a. Total acreage of the site of the proposed action? _____ approx 27 acres

b. Total acreage to be physically disturbed? _____ approx 27 acres

c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? _____ approx 27 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: _____ 69 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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, show numbers of units proposed. | | | | |
| | <u>One Family</u> | <u>Two Family</u> | <u>Three Family</u> | <u>Multiple Family (four or more)</u> |
| Initial Phase | _____ | _____ | _____ | _____ |
| At completion | _____ | _____ | _____ | _____ |
| of all phases | _____ | _____ | _____ | _____ |

| | |
|---|--|
| g. Does the proposed action include new non-residential construction (including expansions)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes, | |
| i. Total number of structures <u>1</u> ii. Dimensions (in feet) of largest proposed structure: <u>apprx 64'</u> height; <u>260'</u> width; and <u>540'</u> length iii. Approximate extent of building space to be heated or cooled: <u>Approx 647,000</u> 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? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes, | |
| i. Purpose of the impoundment: <u>On-site stormwater management system; size and volume to be determined.</u> ii. If a water impoundment, the principal source of the water: <input type="checkbox"/> Ground water <input type="checkbox"/> Surface water streams <input checked="" type="checkbox"/> Other specify: <u>Stormwater</u> iii. If other than water, identify the type of impounded/contained liquids and their source. <u>N/A</u> iv. Approximate size of the proposed impoundment. Volume: <u>TBD</u> million gallons; surface area: <u>TBD</u> acres v. Dimensions of the proposed dam or impounding structure: <u>TBD</u> height; <u>TBD</u> length vi. Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete): <u>TBD</u> | |

D.2. Project Operations

| | |
|--|--|
| a. Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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? <u>Excavation for construction of building foundation and geothermal wells. No dredging.</u> ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site? • Volume (specify tons or cubic yards): <u>Approx 14,815 cubic yards</u> • Over what duration of time? <u>Approx 12 months for site excavation.</u> iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them. <u>TBD as construction logistics are further developed.</u> iv. Will there be onsite dewatering or processing of excavated materials? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe. <u>Dewatering would occur as needed during construction.</u> v. What is the total area to be dredged or excavated? <u>approx 7</u> acres vi. What is the maximum area to be worked at any one time? <u>approx 27</u> acres vii. What would be the maximum depth of excavation or dredging? <u>approx 15</u> feet viii. Will the excavation require blasting? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No ix. Summarize site reclamation goals and plan: <u>N/A</u> | |

| | |
|--|--|
| 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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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: _____ approx. 75,000 gallons/day

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

- Name of district or service area: City of Albany
- 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: _____
TBD - Confirmation required from City of Albany.
- 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: _____ approx. 75,000 gallons/day

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

Sanitary wastewater

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

- Name of wastewater treatment plant to be used: Albany Feura Bush Filtration
- Name of district: Albany County Water Purification 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

| | |
|---|--|
| <ul style="list-style-type: none"> Do existing sewer lines serve the project site? Will a line extension within an existing district be necessary to serve the project? <p>If Yes:</p> <ul style="list-style-type: none"> Describe extensions or capacity expansions proposed to serve this project: _____ | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| <p>A new 8-inch sanitary sewer is expected to be constructed to connect the project site to an existing Pump Station recently constructed by the City of Albany _____</p> | |
| <p>iv. Will a new wastewater (sewage) treatment district be formed to serve the project site?</p> <p>If Yes:</p> <ul style="list-style-type: none"> Applicant/sponsor for new district: _____ Date application submitted or anticipated: _____ What is the receiving water for the wastewater discharge? _____ | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| <p>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):</p> <p>_____</p> <p>_____</p> | |
| <p>vi. Describe any plans or designs to capture, recycle or reuse liquid waste: _____</p> <p>_____</p> <p>_____</p> | |
| <p>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?</p> <p>If Yes:</p> <p>i. How much impervious surface will the project create in relation to total size of project parcel?</p> <p style="margin-left: 40px;">_____ Square feet or <u>13.36</u> acres (impervious surface)</p> <p style="margin-left: 40px;">_____ Square feet or <u>27</u> acres (parcel size)</p> <p>ii. Describe types of new point sources. <u>New impervious surface includes new building area and hardscape area.</u></p> <p>_____</p> <p>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)?</p> <p><u>On-site stormwater management system connected to existing campus system and infiltration.</u></p> <p>_____</p> <p>_____</p> <ul style="list-style-type: none"> If to surface waters, identify receiving water bodies or wetlands: _____ _____ Will stormwater runoff flow to adjacent properties? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| <p>iv. Does the proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> | |
| <p>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? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes, identify:</p> <p>i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)</p> <p><u>Vehicle trips to/from the project site associated with employees (using personal or NYSDOH vehicles), visitors, and delivery vehicles.</u></p> <p>ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)</p> <p><u>TBD</u></p> <p>iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation)</p> <p><u>Natural gas boiler use for process loads (year-round) & limited use for supplemental heating on coldest days of the year; wet labs ventilated via fume hood</u></p> | |
| <p>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? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p>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) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>ii. In addition to emissions as calculated in the application, the project will generate:</p> <ul style="list-style-type: none"> <u>TBD</u> Tons/year (short tons) of Carbon Dioxide (CO₂) <u>TBD</u> Tons/year (short tons) of Nitrous Oxide (N₂O) <u>TBD</u> Tons/year (short tons) of Perfluorocarbons (PFCs) <u>TBD</u> Tons/year (short tons) of Sulfur Hexafluoride (SF₆) <u>TBD</u> Tons/year (short tons) of Carbon Dioxide equivalent of Hydrofluorocarbons (HFCs) <u>TBD</u> Tons/year (short tons) of Hazardous Air Pollutants (HAPs) | |

| | | | |
|--|---|---|---|
| <p>h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p>i. Estimate methane generation in tons/year (metric): <u>TBD</u></p> <p>ii. Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring): <u>Natural gas will be combusted in the proposed boilers and emergency generators which results in limited amounts of methane emitted. Proposed Project would comply with EO-22.</u></p> | | | |
| <p>i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as quarry or landfill operations? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust):</p> <p>_____</p> <p>_____</p> | | | |
| <p>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? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p>i. When is the peak traffic expected (Check all that apply): <input checked="" type="checkbox"/> Morning <input checked="" type="checkbox"/> Evening <input type="checkbox"/> Weekend <input type="checkbox"/> Randomly between hours of _____ to _____.</p> <p>ii. For commercial activities only, projected number of truck trips/day and type (e.g., semi trailers and dump trucks): _____</p> <p>_____</p> <p>iii. Parking spaces: Existing <u>1,695</u> Proposed <u>930</u> Net increase/decrease <u>decrease of 765 spaces</u></p> <p>iv. Does the proposed action include any shared use parking? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>v. If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe: <u>Potential modifications to ring road for site access.</u></p> <p>vi. Are public/private transportation service(s) or facilities available within ½ mile of the proposed site? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>vii. Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>viii. Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> | | | |
| <p>k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes: Note: While the Proposed Project is not a commercial or industrial use, the following is provided for information only.</p> <p>i. Estimate annual electricity demand during operation of the proposed action: _____ <u>176,627,880 kWh - conservatively assumes maximum winter demand of 20,163 kVA full-time for one year (24 hours a day, 365 days a year)</u></p> <p>ii. Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility, or other): <u>Electrical power to the site will come from the NYSOGS electrical substation at Patroon Creek Boulevard</u></p> <p>iii. Will the proposed action require a new, or an upgrade, to an existing substation? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> | | | |
| <p>l. Hours of operation. Answer all items which apply.</p> <table style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>i. During Construction:</p> <ul style="list-style-type: none"> • Monday - Friday: <u>7AM-3:30PM</u> • Saturday: <u>Occasionally, if needed</u> • Sunday: <u>Occasionally, if needed</u> • Holidays: <u>If needed</u> </td> <td style="width: 50%; vertical-align: top;"> <p>ii. During Operations:</p> <ul style="list-style-type: none"> • Monday - Friday: <u>7AM-5PM</u> • Saturday: <u>security/engineers 24/7</u> • Sunday: <u>security/engineers 24/7</u> • Holidays: <u>security/engineers 24/7</u> </td> </tr> </table> | | <p>i. During Construction:</p> <ul style="list-style-type: none"> • Monday - Friday: <u>7AM-3:30PM</u> • Saturday: <u>Occasionally, if needed</u> • Sunday: <u>Occasionally, if needed</u> • Holidays: <u>If needed</u> | <p>ii. During Operations:</p> <ul style="list-style-type: none"> • Monday - Friday: <u>7AM-5PM</u> • Saturday: <u>security/engineers 24/7</u> • Sunday: <u>security/engineers 24/7</u> • Holidays: <u>security/engineers 24/7</u> |
| <p>i. During Construction:</p> <ul style="list-style-type: none"> • Monday - Friday: <u>7AM-3:30PM</u> • Saturday: <u>Occasionally, if needed</u> • Sunday: <u>Occasionally, if needed</u> • Holidays: <u>If needed</u> | <p>ii. During Operations:</p> <ul style="list-style-type: none"> • Monday - Friday: <u>7AM-5PM</u> • Saturday: <u>security/engineers 24/7</u> • Sunday: <u>security/engineers 24/7</u> • Holidays: <u>security/engineers 24/7</u> | | |

| | |
|--|---|
| <p>m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If yes:</p> <p>i. Provide details including sources, time of day and duration:</p> <p style="margin-left: 20px;">Operational exceedances are not anticipated because it is assumed that outdoor mechanical equipment would be designed to meet applicable regulations. If construction noise impacts are identified, measures to limit exceedances would be identified and mitigated.</p> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| <p>ii. Will the proposed action remove existing natural barriers that could act as a noise barrier or screen? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Describe: _____</p> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| <p>n. Will the proposed action have outdoor lighting? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If yes:</p> <p>i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures: Building and site lighting would be designed to meet current standards in accordance with safety requirements.</p> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| <p>ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Describe: _____</p> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| <p>o. Does the proposed action have the potential to produce odors for more than one hour per day? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures: _____</p> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| <p>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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes:</p> <p>i. Product(s) to be stored _____</p> <p>ii. Volume(s) _____ per unit time _____ (e.g., month, year)</p> <p>iii. Generally, describe the proposed storage facilities: _____</p> | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| <p>q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>If Yes:</p> <p>i. Describe proposed treatment(s):</p> <p>Treatment to landscaped and lawn areas will be used as needed to maintain healthy plantings.</p> | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| <p>ii. Will the proposed action use Integrated Pest Management Practices? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <p>r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)? If Yes: NOTE: While the Proposed Project is not a commercial, industrial, or recreational use, the following is provided for informational purposes.</p> <p>i. Describe any solid waste(s) to be generated during construction or operation of the facility:</p> <ul style="list-style-type: none"> • Construction: _____ TBD tons per _____ TBD (unit of time) • Operation : _____ TBD tons per _____ TBD (unit of time) <p>ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:</p> <ul style="list-style-type: none"> • Construction: TBD _____ • Operation: TBD _____ <p>iii. Proposed disposal methods/facilities for solid waste generated on-site:</p> <ul style="list-style-type: none"> • Construction: TBD _____ • Operation: TBD _____ | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |

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: **NOTE: The Proposed Project is not a commercial facility, however, the following is provided for informational purposes.**

i. Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility: _____
Regulated Medical Waste; Chemical Waste; Low Level Radiological Waste

ii. Generally describe processes or activities involving hazardous wastes or constituents: _____
Research/public health laboratory practices

iii. Specify amount to be handled or generated ~5 tons/month

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

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

If Yes: provide name and location of facility: _____

Various permitted hazardous waste vendors and facilities.

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): Government/Institutional, Educational

ii. If mix of uses, generally describe:

The project site is within the Harriman State Office Building Campus, which includes NY State administrative offices, and adjacent to the University at Albany campus.

b. Land uses and covertypes on the project site.

| Land use or Covertypes | Current Acreage | Acreage After Project Completion | Change (Acres +/-) |
|--|------------------------|----------------------------------|-----------------------|
| • Roads, buildings, and other paved or impervious surfaces | approx 14.46 acres | approx 13.36 acres | approx -1.1 acres |
| • Forested | 0 | 0 | 0 |
| • Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural) | 0 | 0 | 0 |
| • Agricultural (includes active orchards, field, greenhouse etc.) | 0 | 0 | 0 |
| • Surface water features (lakes, ponds, streams, rivers, etc.) | 0 | 0 | 0 |
| • Wetlands (freshwater or tidal) | 0 | 0 | 0 |
| • Non-vegetated (bare rock, earth or fill) | 0 | 0 | 0 |
| • Other Describe: grass and landscaped areas | approx 12.54 | approx 13.64 acres | approx 1.1 acres |
| Total | approx 27 acres | approx 27 acres | approx 0 acres |

| | |
|---|--|
| c. Is the project site presently used by members of the community for public recreation? i. If Yes: explain: _____ | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 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? If Yes, i. Identify Facilities: _____ Eagle Point Elementary, All Saints Catholic Acad. Montessori Magnet School, Albany Public School Teachers Assn, LifePath Support. Svcs. for Older Adults, Promenade at Uni. Place (assisted living), New Visions (group home), Capital Milestones Child Care, Wee Care at Labor, SUNY Health Ctr. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| e. Does the project site contain an existing dam? If Yes: i. Dimensions of the dam and impoundment: <ul style="list-style-type: none"> • 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: _____ _____ _____ | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 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? If Yes: i. Has the facility been formally closed? <ul style="list-style-type: none"> • If yes, cite sources/documentation: _____ ii. Describe the location of the project site relative to the boundaries of the solid waste management facility: _____ _____ _____ | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No |
| 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? If Yes: i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred: _____ _____ _____ | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 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? 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: <div style="display: flex; justify-content: space-between; margin-top: 5px;"> <div> <input type="checkbox"/> Yes – Spills Incidents database <input type="checkbox"/> Yes – Environmental Site Remediation database <input type="checkbox"/> Neither database </div> <div> Provide DEC ID number(s): _____ Provide DEC ID number(s): _____ </div> </div> ii. If site has been subject of RCRA corrective activities, describe control measures: _____ No evidence of any on-site spills or other listings were identified through the NYSDEC on-line remediation databases. Further analysis will be undertaken in the Hazardous Materials analysis of the EIS. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? If yes, provide DEC ID number(s): E401053 | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| iv. If yes to (i), (ii) or (iii) above, describe current status of site(s): _____ Subsurface soil contamination was identified at the Westland Hills Park site, located approximately 1500 feet northeast of the Project Site. Contaminants include SVOCs and metals, with hazardous levels of lead at some locations. No significant surface soil or groundwater contamination was identified. Remediation was not completed. The site has an "N" classification code (No Further Action at this time). | |

| | | | | | | | | | | | | | | | | | |
|---|-----------------|--|-----------------|----------------------|--|-------------------|------------|--|-----------------|-------------|------------|------------------------|--|-------------------------------------|-------|--|--|
| v. Is the project site subject to an institutional control limiting property uses? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | | | | | | | | | | | | | | | |
| <ul style="list-style-type: none"> 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? <input type="checkbox"/> Yes <input type="checkbox"/> No Explain: _____ _____ | | | | | | | | | | | | | | | | | |
| E.2. Natural Resources On or Near Project Site | | | | | | | | | | | | | | | | | |
| a. What is the average depth to bedrock on the project site? _____ +100 feet | | | | | | | | | | | | | | | | | |
| b. Are there bedrock outcroppings on the project site? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, what proportion of the site is comprised of bedrock outcroppings? _____ % | | | | | | | | | | | | | | | | | |
| c. Predominant soil type(s) present on project site: <table style="width: 100%; border: none;"> <tr> <td style="width: 60%;">sandy soil with some silt</td> <td style="width: 20%; text-align: right;">TBD %</td> <td style="width: 20%;"></td> </tr> <tr> <td>other</td> <td style="text-align: right;">TBD %</td> <td></td> </tr> <tr> <td>_____</td> <td style="text-align: right;">_____ %</td> <td></td> </tr> </table> | | sandy soil with some silt | TBD % | | other | TBD % | | _____ | _____ % | | | | | | | | |
| sandy soil with some silt | TBD % | | | | | | | | | | | | | | | | |
| other | TBD % | | | | | | | | | | | | | | | | |
| _____ | _____ % | | | | | | | | | | | | | | | | |
| d. What is the average depth to the water table on the project site? Average: _____ 7 feet | | | | | | | | | | | | | | | | | |
| e. Drainage status of project site soils: <table style="width: 100%; border: none;"> <tr> <td style="width: 30%;"><input type="checkbox"/> Well Drained:</td> <td style="width: 30%; text-align: right;">_____ % of site</td> <td style="width: 40%;"></td> </tr> <tr> <td><input checked="" type="checkbox"/> Moderately Well Drained:</td> <td style="text-align: right;">100 % of site</td> <td></td> </tr> <tr> <td><input type="checkbox"/> Poorly Drained</td> <td style="text-align: right;">_____ % of site</td> <td></td> </tr> </table> | | <input type="checkbox"/> Well Drained: | _____ % of site | | <input checked="" type="checkbox"/> Moderately Well Drained: | 100 % of site | | <input type="checkbox"/> Poorly Drained | _____ % of site | | | | | | | | |
| <input type="checkbox"/> Well Drained: | _____ % of site | | | | | | | | | | | | | | | | |
| <input checked="" type="checkbox"/> Moderately Well Drained: | 100 % of site | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> Poorly Drained | _____ % of site | | | | | | | | | | | | | | | | |
| f. Approximate proportion of proposed action site with slopes: <table style="width: 100%; border: none;"> <tr> <td style="width: 40%;"><input checked="" type="checkbox"/> 0-10%:</td> <td style="width: 30%; text-align: right;">100 % of site</td> <td style="width: 30%;"></td> </tr> <tr> <td><input type="checkbox"/> 10-15%:</td> <td style="text-align: right;">_____ % of site</td> <td></td> </tr> <tr> <td><input type="checkbox"/> 15% or greater:</td> <td style="text-align: right;">_____ % of site</td> <td></td> </tr> </table> | | <input checked="" type="checkbox"/> 0-10%: | 100 % of site | | <input type="checkbox"/> 10-15%: | _____ % of site | | <input type="checkbox"/> 15% or greater: | _____ % of site | | | | | | | | |
| <input checked="" type="checkbox"/> 0-10%: | 100 % of site | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> 10-15%: | _____ % of site | | | | | | | | | | | | | | | | |
| <input type="checkbox"/> 15% or greater: | _____ % of site | | | | | | | | | | | | | | | | |
| g. Are there any unique geologic features on the project site? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | | | | | | | | | | | | | | | |
| ii. Do any wetlands or other waterbodies adjoin the project site? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | | | | | | | | | | | | | | | |
| If Yes to either <i>i</i> or <i>ii</i> , 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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | | | | | | | | | | | | | | | |
| iv. For each identified regulated wetland and waterbody on the project site, provide the following information: <table style="width: 100%; border: none;"> <tr> <td style="width: 10%;">• Streams:</td> <td style="width: 40%;">Name _____</td> <td style="width: 10%;">Classification _____</td> <td style="width: 40%;"></td> </tr> <tr> <td>• Lakes or Ponds:</td> <td>Name _____</td> <td>Classification _____</td> <td></td> </tr> <tr> <td>• Wetlands:</td> <td>Name _____</td> <td>Approximate Size _____</td> <td></td> </tr> <tr> <td>• Wetland No. (if regulated by DEC)</td> <td colspan="3">_____</td> </tr> </table> | | • Streams: | Name _____ | Classification _____ | | • Lakes or Ponds: | Name _____ | Classification _____ | | • Wetlands: | Name _____ | Approximate Size _____ | | • Wetland No. (if regulated by DEC) | _____ | | |
| • Streams: | Name _____ | Classification _____ | | | | | | | | | | | | | | | |
| • 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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, name of impaired water body/bodies and basis for listing as impaired: _____ _____ | | | | | | | | | | | | | | | | | |
| i. Is the project site in a designated Floodway? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | | | | | | | | | | | | | | | |
| j. Is the project site in the 100-year Floodplain? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | | | | | | | | | | | | | | | |
| k. Is the project site in the 500-year Floodplain? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | | | | | | | | | | | | | | | |
| l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes: | | | | | | | | | | | | | | | | | |
| i. Name of aquifer: Principal Aquifer _____ | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | |
|--|-------------------|-------------------|---------------|---------|-------------------|---------------|---------------|-------------|----------------|-------------------|--------------|
| <p>m. Identify the predominant wildlife species that occupy or use the project site:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; border-bottom: 1px solid black;">gray squirrel</td> <td style="width: 33%; border-bottom: 1px solid black;">raccoon</td> <td style="width: 33%; border-bottom: 1px solid black;">Northern cardinal</td> </tr> <tr> <td style="border-bottom: 1px solid black;">mourning dove</td> <td style="border-bottom: 1px solid black;">house sparrow</td> <td style="border-bottom: 1px solid black;">mockingbird</td> </tr> <tr> <td style="border-bottom: 1px solid black;">American robin</td> <td style="border-bottom: 1px solid black;">European starling</td> <td style="border-bottom: 1px solid black;">gray catbird</td> </tr> </table> | | | gray squirrel | raccoon | Northern cardinal | mourning dove | house sparrow | mockingbird | American robin | European starling | gray catbird |
| gray squirrel | raccoon | Northern cardinal | | | | | | | | | |
| mourning dove | house sparrow | mockingbird | | | | | | | | | |
| American robin | European starling | gray catbird | | | | | | | | | |
| <p>n. Does the project site contain a designated significant natural community? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes:</p> <p style="margin-left: 20px;">i. Describe the habitat/community (composition, function, and basis for designation): _____</p> <p style="margin-left: 20px;">ii. Source(s) of description or evaluation: _____</p> <p style="margin-left: 20px;">iii. Extent of community/habitat:</p> <ul style="list-style-type: none"> • Currently: _____ acres • Following completion of project as proposed: _____ acres • Gain or loss (indicate + or -): _____ acres | | | | | | | | | | | |
| <p>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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes:</p> <p style="margin-left: 20px;">i. Species and listing (endangered or threatened): _____</p> <p>_____</p> <p>_____</p> | | | | | | | | | | | |
| <p>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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes:</p> <p style="margin-left: 20px;">i. Species and listing: _____</p> <p>_____</p> <p>_____</p> | | | | | | | | | | | |
| <p>q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If yes, give a brief description of how the proposed action may affect that use: _____</p> <p>_____</p> <p>_____</p> | | | | | | | | | | | |
| <p>E.3. Designated Public Resources On or Near Project Site</p> | | | | | | | | | | | |
| <p>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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes, provide county plus district name/number: _____</p> | | | | | | | | | | | |
| <p>b. Are agricultural lands consisting of highly productive soils present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p style="margin-left: 20px;">i. If Yes: acreage(s) on project site? _____</p> <p style="margin-left: 20px;">ii. Source(s) of soil rating(s): _____</p> | | | | | | | | | | | |
| <p>c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes:</p> <p style="margin-left: 20px;">i. Nature of the natural landmark: <input type="checkbox"/> Biological Community <input type="checkbox"/> Geological Feature</p> <p style="margin-left: 20px;">ii. Provide brief description of landmark, including values behind designation and approximate size/extent: _____</p> <p>_____</p> <p>_____</p> | | | | | | | | | | | |
| <p>d. Is the project site located in or does it adjoin a state listed Critical Environmental Area? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>If Yes:</p> <p style="margin-left: 20px;">i. CEA name: _____</p> <p style="margin-left: 20px;">ii. Basis for designation: _____</p> <p style="margin-left: 20px;">iii. Designating agency and date: _____</p> | | | | | | | | | | | |

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| 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? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | |
| If Yes: <ul style="list-style-type: none"> i. Nature of historic/archaeological resource: <input checked="" type="checkbox"/> Archaeological Site <input checked="" type="checkbox"/> Historic Building or District ii. Name: <u>See note below re: potential archaeological sensitivity. The Lustron Houses of Jermain Street are S/NR-listed.</u> iii. Brief description of attributes on which listing is based: | |
| The site is located within an area of general archaeological sensitivity as per OPRHP's CRIS. The site has been previously disturbed by bldg construction. | |
| 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? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | |
| g. Have additional archaeological or historic site(s) or resources been identified on the project site? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| If Yes: <ul style="list-style-type: none"> 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? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | |
| If Yes: <ul style="list-style-type: none"> i. Identify resource: <u>Mohawk Valley Heritage Corridor</u> ii. Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): <u>NYS Heritage Area</u> iii. Distance between project and resource: _____ ~3 miles. | |
| i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| If Yes: <ul style="list-style-type: none"> i. Identify the name of the river and its designation: _____ ii. Is the activity consistent with development restrictions contained in 6NYCRR Part 666? <input type="checkbox"/> Yes <input type="checkbox"/> No | |

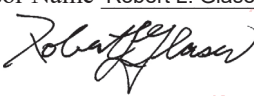
F. Additional Information

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

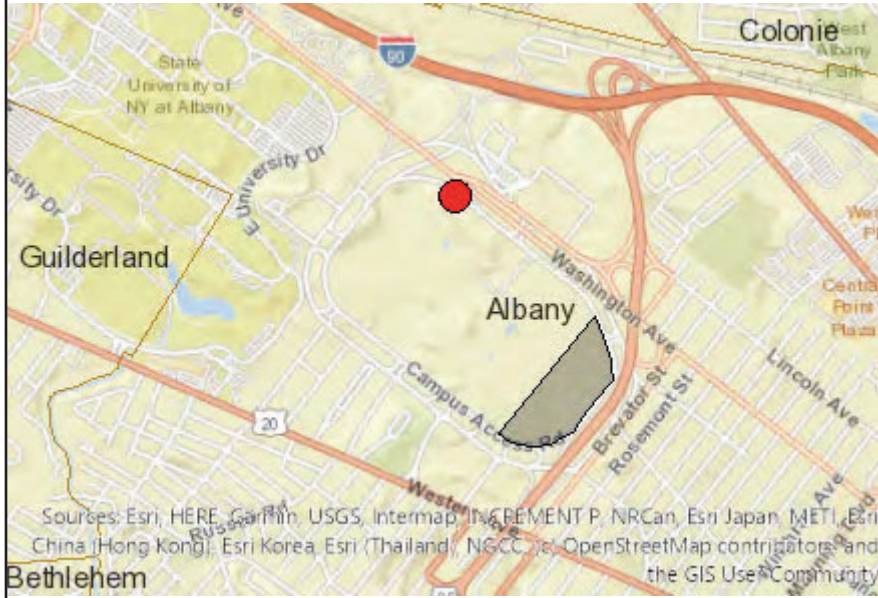
If you have identified any adverse impacts which could be associated with your proposal, please describe those impacts plus any measures which you propose to avoid or minimize them.

G. Verification

I certify that the information provided is true to the best of my knowledge.

| | |
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| Applicant/Sponsor Name <u>Robert L. Glaser, Ph.D.</u> | Date <u>February 1, 2024</u> |
| Signature  | Title <u>Director, Division of Laboratory Operations</u> |

Digitally signed by Robert L
 Glaser
 Date: 2024.02.01 13:41:04
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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.



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| B.i.i [Coastal or Waterfront Area] | No |
| B.i.ii [Local Waterfront Revitalization Area] | Yes |
| C.2.b. [Special Planning District] | Yes - Digital mapping data are not available for all Special Planning Districts. Refer to EAF Workbook. |
| C.2.b. [Special Planning District - Name] | NYS Heritage Areas: Mohawk Valley Heritage Corridor |
| 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] | E401053 |
| E.2.g [Unique Geologic Features] | No |
| E.2.h.i [Surface Water Features] | No |
| E.2.h.ii [Surface Water Features] | No |
| E.2.h.iii [Surface Water Features] | No |
| E.2.h.v [Impaired Water Bodies] | No |
| E.2.i. [Floodway] | No |
| E.2.j. [100 Year Floodplain] | No |
| E.2.k. [500 Year Floodplain] | No |
| E.2.l. [Aquifers] | Yes |
| E.2.l. [Aquifer Names] | Principal Aquifer |

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| E.2.n. [Natural Communities] | No |
| E.2.o. [Endangered or Threatened Species] | No |
| 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] | Digital mapping data are not available or are incomplete. Refer to EAF Workbook. |
| E.3.f. [Archeological Sites] | Yes |
| E.3.i. [Designated River Corridor] | No |

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

Project :

Date :

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

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

Tips for completing Part 2:

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

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| 1. Impact on Land Proposed action may involve construction on, or physical alteration of, the land surface of the proposed site. (See Part 1. D.1) <i>If “Yes”, answer questions a - j. If “No”, move on to Section 2.</i> | | | | <input type="checkbox"/> NO | <input type="checkbox"/> YES |
| | Relevant Part I Question(s) | No, or small impact may occur | Moderate to large impact may occur | | |
| a. The proposed action may involve construction on land where depth to water table is less than 3 feet. | E2d | <input type="checkbox"/> | <input type="checkbox"/> | | |
| b. The proposed action may involve construction on slopes of 15% or greater. | E2f | <input type="checkbox"/> | <input type="checkbox"/> | | |
| c. The proposed action may involve construction on land where bedrock is exposed, or generally within 5 feet of existing ground surface. | E2a | <input type="checkbox"/> | <input type="checkbox"/> | | |
| d. The proposed action may involve the excavation and removal of more than 1,000 tons of natural material. | D2a | <input type="checkbox"/> | <input type="checkbox"/> | | |
| e. The proposed action may involve construction that continues for more than one year or in multiple phases. | D1e | <input type="checkbox"/> | <input type="checkbox"/> | | |
| f. The proposed action may result in increased erosion, whether from physical disturbance or vegetation removal (including from treatment by herbicides). | D2e, D2q | <input type="checkbox"/> | <input type="checkbox"/> | | |
| g. The proposed action is, or may be, located within a Coastal Erosion hazard area. | B1i | <input type="checkbox"/> | <input type="checkbox"/> | | |
| h. Other impacts: _____ _____ | | <input type="checkbox"/> | <input type="checkbox"/> | | |

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| 2. Impact on Geological Features The proposed action may result in the modification or destruction of, or inhibit access to, any unique or unusual land forms on the site (e.g., cliffs, dunes, minerals, fossils, caves). (See Part 1. E.2.g) <input type="checkbox"/> NO <input type="checkbox"/> YES <i>If "Yes", answer questions a - c. If "No", move on to Section 3.</i> | | | |
| | Relevant Part I Question(s) | No, or small impact may occur | Moderate to large impact may occur |
| a. Identify the specific land form(s) attached: _____ | E2g | <input type="checkbox"/> | <input type="checkbox"/> |
| b. The proposed action may affect or is adjacent to a geological feature listed as a registered National Natural Landmark. Specific feature: _____ | E3c | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Other impacts: _____ | | <input type="checkbox"/> | <input type="checkbox"/> |

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| 3. Impacts on Surface Water The proposed action may affect one or more wetlands or other surface water bodies (e.g., streams, rivers, ponds or lakes). (See Part 1. D.2, E.2.h) <input type="checkbox"/> NO <input type="checkbox"/> YES <i>If "Yes", answer questions a - l. If "No", move on to Section 4.</i> | | | |
| | Relevant Part I Question(s) | No, or small impact may occur | Moderate to large impact may occur |
| a. The proposed action may create a new water body. | D2b, D1h | <input type="checkbox"/> | <input type="checkbox"/> |
| b. The proposed action may result in an increase or decrease of over 10% or more than a 10 acre increase or decrease in the surface area of any body of water. | D2b | <input type="checkbox"/> | <input type="checkbox"/> |
| c. The proposed action may involve dredging more than 100 cubic yards of material from a wetland or water body. | D2a | <input type="checkbox"/> | <input type="checkbox"/> |
| d. The proposed action may involve construction within or adjoining a freshwater or tidal wetland, or in the bed or banks of any other water body. | E2h | <input type="checkbox"/> | <input type="checkbox"/> |
| e. The proposed action may create turbidity in a waterbody, either from upland erosion, runoff or by disturbing bottom sediments. | D2a, D2h | <input type="checkbox"/> | <input type="checkbox"/> |
| f. The proposed action may include construction of one or more intake(s) for withdrawal of water from surface water. | D2c | <input type="checkbox"/> | <input type="checkbox"/> |
| g. The proposed action may include construction of one or more outfall(s) for discharge of wastewater to surface water(s). | D2d | <input type="checkbox"/> | <input type="checkbox"/> |
| h. The proposed action may cause soil erosion, or otherwise create a source of stormwater discharge that may lead to siltation or other degradation of receiving water bodies. | D2e | <input type="checkbox"/> | <input type="checkbox"/> |
| i. The proposed action may affect the water quality of any water bodies within or downstream of the site of the proposed action. | E2h | <input type="checkbox"/> | <input type="checkbox"/> |
| j. The proposed action may involve the application of pesticides or herbicides in or around any water body. | D2q, E2h | <input type="checkbox"/> | <input type="checkbox"/> |
| k. The proposed action may require the construction of new, or expansion of existing, wastewater treatment facilities. | D1a, D2d | <input type="checkbox"/> | <input type="checkbox"/> |

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| I. Other impacts: _____ _____ | | <input type="checkbox"/> | <input type="checkbox"/> |
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| 4. Impact on groundwater The proposed action may result in new or additional use of ground water, or may have the potential to introduce contaminants to ground water or an aquifer. (See Part 1. D.2.a, D.2.c, D.2.d, D.2.p, D.2.q, D.2.t) <i>If “Yes”, answer questions a - h. If “No”, move on to Section 5.</i> | | | |
|---|-----------------------------|-------------------------------|------------------------------------|
| | <input type="checkbox"/> NO | <input type="checkbox"/> YES | |
| | Relevant Part I Question(s) | No, or small impact may occur | Moderate to large impact may occur |
| a. The proposed action may require new water supply wells, or create additional demand on supplies from existing water supply wells. | D2c | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Water supply demand from the proposed action may exceed safe and sustainable withdrawal capacity rate of the local supply or aquifer. Cite Source: _____ | D2c | <input type="checkbox"/> | <input type="checkbox"/> |
| c. The proposed action may allow or result in residential uses in areas without water and sewer services. | D1a, D2c | <input type="checkbox"/> | <input type="checkbox"/> |
| d. The proposed action may include or require wastewater discharged to groundwater. | D2d, E2l | <input type="checkbox"/> | <input type="checkbox"/> |
| e. The proposed action may result in the construction of water supply wells in locations where groundwater is, or is suspected to be, contaminated. | D2c, E1f, E1g, E1h | <input type="checkbox"/> | <input type="checkbox"/> |
| f. The proposed action may require the bulk storage of petroleum or chemical products over ground water or an aquifer. | D2p, E2l | <input type="checkbox"/> | <input type="checkbox"/> |
| g. The proposed action may involve the commercial application of pesticides within 100 feet of potable drinking water or irrigation sources. | E2h, D2q, E2l, D2c | <input type="checkbox"/> | <input type="checkbox"/> |
| h. Other impacts: _____ _____ | | <input type="checkbox"/> | <input type="checkbox"/> |

| 5. Impact on Flooding The proposed action may result in development on lands subject to flooding. (See Part 1. E.2) <i>If “Yes”, answer questions a - g. If “No”, move on to Section 6.</i> | | | |
|---|-----------------------------|-------------------------------|------------------------------------|
| | <input type="checkbox"/> NO | <input type="checkbox"/> YES | |
| | Relevant Part I Question(s) | No, or small impact may occur | Moderate to large impact may occur |
| a. The proposed action may result in development in a designated floodway. | E2i | <input type="checkbox"/> | <input type="checkbox"/> |
| b. The proposed action may result in development within a 100 year floodplain. | E2j | <input type="checkbox"/> | <input type="checkbox"/> |
| c. The proposed action may result in development within a 500 year floodplain. | E2k | <input type="checkbox"/> | <input type="checkbox"/> |
| d. The proposed action may result in, or require, modification of existing drainage patterns. | D2b, D2e | <input type="checkbox"/> | <input type="checkbox"/> |
| e. The proposed action may change flood water flows that contribute to flooding. | D2b, E2i, E2j, E2k | <input type="checkbox"/> | <input type="checkbox"/> |
| f. If there is a dam located on the site of the proposed action, is the dam in need of repair, or upgrade? | E1e | <input type="checkbox"/> | <input type="checkbox"/> |

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| g. Other impacts: _____ _____ | | <input type="checkbox"/> | <input type="checkbox"/> |
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| 6. Impacts on Air The proposed action may include a state regulated air emission source. <input type="checkbox"/> NO <input type="checkbox"/> YES (See Part 1. D.2.f., D.2.h, D.2.g) <i>If “Yes”, answer questions a - f. If “No”, move on to Section 7.</i> | | | |
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| | Relevant Part I Question(s) | No, or small impact may occur | Moderate to large impact may occur |
| a. If the proposed action requires federal or state air emission permits, the action may also emit one or more greenhouse gases at or above the following levels: i. More than 1000 tons/year of carbon dioxide (CO ₂) ii. More than 3.5 tons/year of nitrous oxide (N ₂ O) iii. More than 1000 tons/year of carbon equivalent of perfluorocarbons (PFCs) iv. More than .045 tons/year of sulfur hexafluoride (SF ₆) v. More than 1000 tons/year of carbon dioxide equivalent of hydrochloroflourocarbons (HFCs) emissions vi. 43 tons/year or more of methane | D2g D2g D2g D2g D2g D2h | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| b. The proposed action may generate 10 tons/year or more of any one designated hazardous air pollutant, or 25 tons/year or more of any combination of such hazardous air pollutants. | D2g | <input type="checkbox"/> | <input type="checkbox"/> |
| c. The proposed action may require a state air registration, or may produce an emissions rate of total contaminants that may exceed 5 lbs. per hour, or may include a heat source capable of producing more than 10 million BTU's per hour. | D2f, D2g | <input type="checkbox"/> | <input type="checkbox"/> |
| d. The proposed action may reach 50% of any of the thresholds in “a” through “c”, above. | D2g | <input type="checkbox"/> | <input type="checkbox"/> |
| e. The proposed action may result in the combustion or thermal treatment of more than 1 ton of refuse per hour. | D2s | <input type="checkbox"/> | <input type="checkbox"/> |
| f. Other impacts: _____ _____ | | <input type="checkbox"/> | <input type="checkbox"/> |

| 7. Impact on Plants and Animals The proposed action may result in a loss of flora or fauna. (See Part 1. E.2. m.-q.) <input type="checkbox"/> NO <input type="checkbox"/> YES <i>If “Yes”, answer questions a - j. If “No”, move on to Section 8.</i> | | | |
|---|-----------------------------|-------------------------------|------------------------------------|
| | Relevant Part I Question(s) | No, or small impact may occur | Moderate to large impact may occur |
| a. The proposed action may cause reduction in population or loss of individuals of any threatened or endangered species, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site. | E2o | <input type="checkbox"/> | <input type="checkbox"/> |
| b. The proposed action may result in a reduction or degradation of any habitat used by any rare, threatened or endangered species, as listed by New York State or the federal government. | E2o | <input type="checkbox"/> | <input type="checkbox"/> |
| c. The proposed action may cause reduction in population, or loss of individuals, of any species of special concern or conservation need, as listed by New York State or the Federal government, that use the site, or are found on, over, or near the site. | E2p | <input type="checkbox"/> | <input type="checkbox"/> |
| d. The proposed action may result in a reduction or degradation of any habitat used by any species of special concern and conservation need, as listed by New York State or the Federal government. | E2p | <input type="checkbox"/> | <input type="checkbox"/> |

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| e. The proposed action may diminish the capacity of a registered National Natural Landmark to support the biological community it was established to protect. | E3c | <input type="checkbox"/> | <input type="checkbox"/> |
| f. The proposed action may result in the removal of, or ground disturbance in, any portion of a designated significant natural community. Source: _____ | E2n | <input type="checkbox"/> | <input type="checkbox"/> |
| g. The proposed action may substantially interfere with nesting/breeding, foraging, or over-wintering habitat for the predominant species that occupy or use the project site. | E2m | <input type="checkbox"/> | <input type="checkbox"/> |
| h. The proposed action requires the conversion of more than 10 acres of forest, grassland or any other regionally or locally important habitat. Habitat type & information source: _____ | E1b | <input type="checkbox"/> | <input type="checkbox"/> |
| i. Proposed action (commercial, industrial or recreational projects, only) involves use of herbicides or pesticides. | D2q | <input type="checkbox"/> | <input type="checkbox"/> |
| j. Other impacts: _____ | | <input type="checkbox"/> | <input type="checkbox"/> |

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| 8. Impact on Agricultural Resources The proposed action may impact agricultural resources. (See Part 1. E.3.a. and b.) <input type="checkbox"/> NO <input type="checkbox"/> YES <i>If "Yes", answer questions a - h. If "No", move on to Section 9.</i> | | | |
| | Relevant Part I Question(s) | No, or small impact may occur | Moderate to large impact may occur |
| a. The proposed action may impact soil classified within soil group 1 through 4 of the NYS Land Classification System. | E2c, E3b | <input type="checkbox"/> | <input type="checkbox"/> |
| b. The proposed action may sever, cross or otherwise limit access to agricultural land (includes cropland, hayfields, pasture, vineyard, orchard, etc). | E1a, E1b | <input type="checkbox"/> | <input type="checkbox"/> |
| c. The proposed action may result in the excavation or compaction of the soil profile of active agricultural land. | E3b | <input type="checkbox"/> | <input type="checkbox"/> |
| d. The proposed action may irreversibly convert agricultural land to non-agricultural uses, either more than 2.5 acres if located in an Agricultural District, or more than 10 acres if not within an Agricultural District. | E1b, E3a | <input type="checkbox"/> | <input type="checkbox"/> |
| e. The proposed action may disrupt or prevent installation of an agricultural land management system. | E1 a, E1b | <input type="checkbox"/> | <input type="checkbox"/> |
| f. The proposed action may result, directly or indirectly, in increased development potential or pressure on farmland. | C2c, C3, D2c, D2d | <input type="checkbox"/> | <input type="checkbox"/> |
| g. The proposed project is not consistent with the adopted municipal Farmland Protection Plan. | C2c | <input type="checkbox"/> | <input type="checkbox"/> |
| h. Other impacts: _____ | | <input type="checkbox"/> | <input type="checkbox"/> |

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| 9. Impact on Aesthetic Resources The land use of the proposed action are obviously different from, or are in sharp contrast to, current land use patterns between the proposed project and a scenic or aesthetic resource. (Part 1. E.1.a, E.1.b, E.3.h.) <i>If "Yes", answer questions a - g. If "No", go to Section 10.</i> | | | |
| | | <input type="checkbox"/> NO | <input type="checkbox"/> YES |
| | Relevant Part I Question(s) | No, or small impact may occur | Moderate to large impact may occur |
| a. Proposed action may be visible from any officially designated federal, state, or local scenic or aesthetic resource. | E3h | <input type="checkbox"/> | <input type="checkbox"/> |
| b. The proposed action may result in the obstruction, elimination or significant screening of one or more officially designated scenic views. | E3h, C2b | <input type="checkbox"/> | <input type="checkbox"/> |
| c. The proposed action may be visible from publicly accessible vantage points: i. Seasonally (e.g., screened by summer foliage, but visible during other seasons) ii. Year round | E3h | <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> |
| d. The situation or activity in which viewers are engaged while viewing the proposed action is: i. Routine travel by residents, including travel to and from work ii. Recreational or tourism based activities | E3h E2q, E1c | <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> |
| e. The proposed action may cause a diminishment of the public enjoyment and appreciation of the designated aesthetic resource. | E3h | <input type="checkbox"/> | <input type="checkbox"/> |
| f. There are similar projects visible within the following distance of the proposed project: 0-1/2 mile 1/2 -3 mile 3-5 mile 5+ mile | D1a, E1a, D1f, D1g | <input type="checkbox"/> | <input type="checkbox"/> |
| g. Other impacts: _____ _____ | | <input type="checkbox"/> | <input type="checkbox"/> |

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| 10. Impact on Historic and Archeological Resources The proposed action may occur in or adjacent to a historic or archaeological resource. (Part 1. E.3.e, f. and g.) <i>If "Yes", answer questions a - e. If "No", go to Section 11.</i> | | | |
| | | <input type="checkbox"/> NO | <input type="checkbox"/> YES |
| | Relevant Part I Question(s) | No, or small impact may occur | Moderate to large impact may occur |
| a. The proposed action may occur wholly or partially within, or substantially contiguous to, any buildings, archaeological site or district which is listed on the National or State Register of Historical 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. | E3e | <input type="checkbox"/> | <input type="checkbox"/> |
| b. The proposed action may occur wholly or partially within, or substantially contiguous to, an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory. | E3f | <input type="checkbox"/> | <input type="checkbox"/> |
| c. The proposed action may occur wholly or partially within, or substantially contiguous to, an archaeological site not included on the NY SHPO inventory. Source: _____ | E3g | <input type="checkbox"/> | <input type="checkbox"/> |

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

| | | | |
|---|---|--------------------------------------|---|
| 11. Impact on Open Space and Recreation The proposed action may result in a loss of recreational opportunities or a reduction of an open space resource as designated in any adopted municipal open space plan. (See Part 1. C.2.c, E.1.c., E.2.q.) <i>If “Yes”, answer questions a - e. If “No”, go to Section 12.</i> | | | |
| | | <input type="checkbox"/> NO | <input type="checkbox"/> YES |
| | Relevant Part I Question(s) | No, or small impact may occur | Moderate to large impact may occur |
| a. The proposed action may result in an impairment of natural functions, or “ecosystem services”, provided by an undeveloped area, including but not limited to stormwater storage, nutrient cycling, wildlife habitat. | D2e, E1b E2h, E2m, E2o, E2n, E2p | <input type="checkbox"/> | <input type="checkbox"/> |
| b. The proposed action may result in the loss of a current or future recreational resource. | C2a, E1c, C2c, E2q | <input type="checkbox"/> | <input type="checkbox"/> |
| c. The proposed action may eliminate open space or recreational resource in an area with few such resources. | C2a, C2c E1c, E2q | <input type="checkbox"/> | <input type="checkbox"/> |
| d. The proposed action may result in loss of an area now used informally by the community as an open space resource. | C2c, E1c | <input type="checkbox"/> | <input type="checkbox"/> |
| e. Other impacts: _____ _____ | | <input type="checkbox"/> | <input type="checkbox"/> |

| | | | |
|---|------------------------------------|--------------------------------------|---|
| 12. Impact on Critical Environmental Areas The proposed action may be located within or adjacent to a critical environmental area (CEA). (See Part 1. E.3.d) <i>If “Yes”, answer questions a - c. If “No”, go to Section 13.</i> | | | |
| | | <input type="checkbox"/> NO | <input type="checkbox"/> YES |
| | Relevant Part I Question(s) | No, or small impact may occur | Moderate to large impact may occur |
| a. The proposed action may result in a reduction in the quantity of the resource or characteristic which was the basis for designation of the CEA. | E3d | <input type="checkbox"/> | <input type="checkbox"/> |
| b. The proposed action may result in a reduction in the quality of the resource or characteristic which was the basis for designation of the CEA. | E3d | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Other impacts: _____ _____ | | <input type="checkbox"/> | <input type="checkbox"/> |

13. Impact on Transportation

The proposed action may result in a change to existing transportation systems.

☐ NO

☐ YES

(See Part 1. D.2.j)

If “Yes”, answer questions a - f. If “No”, go to Section 14.

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

14. Impact on Energy

The proposed action may cause an increase in the use of any form of energy.

☐ NO

☐ YES

(See Part 1. D.2.k)

If “Yes”, answer questions a - e. If “No”, go to Section 15.

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

15. Impact on Noise, Odor, and Light

The proposed action may result in an increase in noise, odors, or outdoor lighting.

☐ NO

☐ YES

(See Part 1. D.2.m., n., and o.)

If “Yes”, answer questions a - f. If “No”, go to Section 16.

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

| | | | |
|---|----------|--------------------------|--------------------------|
| d. The proposed action may result in light shining onto adjoining properties. | D2n | <input type="checkbox"/> | <input type="checkbox"/> |
| e. The proposed action may result in lighting creating sky-glow brighter than existing area conditions. | D2n, E1a | <input type="checkbox"/> | <input type="checkbox"/> |
| f. Other impacts: _____ _____ | | <input type="checkbox"/> | <input type="checkbox"/> |

16. Impact on Human Health

The proposed action may have an impact on human health from exposure to new or existing sources of contaminants. (See Part 1.D.2.q., E.1. d. f. g. and h.)

☐ NO

☐ YES

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

| | Relevant Part I Question(s) | No, or small impact may occur | Moderate to large impact may occur |
|---|-----------------------------|-------------------------------|------------------------------------|
| a. The proposed action is located within 1500 feet of a school, hospital, licensed day care center, group home, nursing home or retirement community. | E1d | <input type="checkbox"/> | <input type="checkbox"/> |
| b. The site of the proposed action is currently undergoing remediation. | E1g, E1h | <input type="checkbox"/> | <input type="checkbox"/> |
| c. There is a completed emergency spill remediation, or a completed environmental site remediation on, or adjacent to, the site of the proposed action. | E1g, E1h | <input type="checkbox"/> | <input type="checkbox"/> |
| d. The site of the action is subject to an institutional control limiting the use of the property (e.g., easement or deed restriction). | E1g, E1h | <input type="checkbox"/> | <input type="checkbox"/> |
| e. The proposed action may affect institutional control measures that were put in place to ensure that the site remains protective of the environment and human health. | E1g, E1h | <input type="checkbox"/> | <input type="checkbox"/> |
| f. The proposed action has adequate control measures in place to ensure that future generation, treatment and/or disposal of hazardous wastes will be protective of the environment and human health. | D2t | <input type="checkbox"/> | <input type="checkbox"/> |
| g. The proposed action involves construction or modification of a solid waste management facility. | D2q, E1f | <input type="checkbox"/> | <input type="checkbox"/> |
| h. The proposed action may result in the unearthing of solid or hazardous waste. | D2q, E1f | <input type="checkbox"/> | <input type="checkbox"/> |
| i. The proposed action may result in an increase in the rate of disposal, or processing, of solid waste. | D2r, D2s | <input type="checkbox"/> | <input type="checkbox"/> |
| j. The proposed action may result in excavation or other disturbance within 2000 feet of a site used for the disposal of solid or hazardous waste. | E1f, E1g E1h | <input type="checkbox"/> | <input type="checkbox"/> |
| k. The proposed action may result in the migration of explosive gases from a landfill site to adjacent off site structures. | E1f, E1g | <input type="checkbox"/> | <input type="checkbox"/> |
| l. The proposed action may result in the release of contaminated leachate from the project site. | D2s, E1f, D2r | <input type="checkbox"/> | <input type="checkbox"/> |
| m. Other impacts: _____ _____ | | | |

| 17. Consistency with Community Plans The proposed action is not consistent with adopted land use plans. (See Part 1. C.1, C.2. and C.3.) <i>If “Yes”, answer questions a - h. If “No”, go to Section 18.</i> | | | |
|--|-----------------------------------|-------------------------------|------------------------------------|
| | | <input type="checkbox"/> NO | <input type="checkbox"/> YES |
| | Relevant Part I Question(s) | No, or small impact may occur | Moderate to large impact may occur |
| a. The proposed action’s land use components may be different from, or in sharp contrast to, current surrounding land use pattern(s). | C2, C3, D1a E1a, E1b | <input type="checkbox"/> | <input type="checkbox"/> |
| b. The proposed action will cause the permanent population of the city, town or village in which the project is located to grow by more than 5%. | C2 | <input type="checkbox"/> | <input type="checkbox"/> |
| c. The proposed action is inconsistent with local land use plans or zoning regulations. | C2, C2, C3 | <input type="checkbox"/> | <input type="checkbox"/> |
| d. The proposed action is inconsistent with any County plans, or other regional land use plans. | C2, C2 | <input type="checkbox"/> | <input type="checkbox"/> |
| e. The proposed action may cause a change in the density of development that is not supported by existing infrastructure or is distant from existing infrastructure. | C3, D1c, D1d, D1f, D1d, E1b | <input type="checkbox"/> | <input type="checkbox"/> |
| f. The proposed action is located in an area characterized by low density development that will require new or expanded public infrastructure. | C4, D2c, D2d D2j | <input type="checkbox"/> | <input type="checkbox"/> |
| g. The proposed action may induce secondary development impacts (e.g., residential or commercial development not included in the proposed action) | C2a | <input type="checkbox"/> | <input type="checkbox"/> |
| h. Other: _____ _____ | | <input type="checkbox"/> | <input type="checkbox"/> |

| 18. Consistency with Community Character The proposed project is inconsistent with the existing community character. (See Part 1. C.2, C.3, D.2, E.3) <i>If “Yes”, answer questions a - g. If “No”, proceed to Part 3.</i> | | | |
|--|--------------------------------|-------------------------------|------------------------------------|
| | | <input type="checkbox"/> NO | <input type="checkbox"/> YES |
| | Relevant Part I Question(s) | No, or small impact may occur | Moderate to large impact may occur |
| a. The proposed action may replace or eliminate existing facilities, structures, or areas of historic importance to the community. | E3e, E3f, E3g | <input type="checkbox"/> | <input type="checkbox"/> |
| b. The proposed action may create a demand for additional community services (e.g. schools, police and fire) | C4 | <input type="checkbox"/> | <input type="checkbox"/> |
| c. The proposed action may displace affordable or low-income housing in an area where there is a shortage of such housing. | C2, C3, D1f D1g, E1a | <input type="checkbox"/> | <input type="checkbox"/> |
| d. The proposed action may interfere with the use or enjoyment of officially recognized or designated public resources. | C2, E3 | <input type="checkbox"/> | <input type="checkbox"/> |
| e. The proposed action is inconsistent with the predominant architectural scale and character. | C2, C3 | <input type="checkbox"/> | <input type="checkbox"/> |
| f. Proposed action is inconsistent with the character of the existing natural landscape. | C2, C3 E1a, E1b E2g, E2h | <input type="checkbox"/> | <input type="checkbox"/> |
| g. Other impacts: _____ _____ | | <input type="checkbox"/> | <input type="checkbox"/> |

Project :

Date :

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.

Determination of Significance - Type 1 and Unlisted Actions

SEQR Status: ☐ Type 1 ☐ Unlisted

Identify portions of EAF completed for this Project: ☐ Part 1 ☐ Part 2 ☐ Part 3

Upon review of the information recorded on this EAF, as noted, plus this additional support information

and considering both the magnitude and importance of each identified potential impact, it is the conclusion of the _____ as lead agency that:

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

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

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

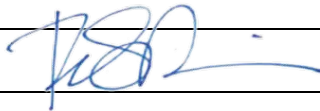
Name of Action:

Name of Lead Agency:

Name of Responsible Officer in Lead Agency:

Title of Responsible Officer:

Signature of Responsible Officer in Lead Agency:



Date:

Signature of Preparer (if different from Responsible Officer)

Date:

For Further Information:

Contact Person:

Address:

Telephone Number:

E-mail:

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>



DORMITORY AUTHORITY OF THE STATE OF NEW YORK
STATE ENVIRONMENTAL QUALITY REVIEW ACT
POSITIVE DECLARATION
NOTICE OF INTENT TO PREPARE A DRAFT ENVIRONMENTAL IMPACT STATEMENT
DRAFT SCOPING DOCUMENT
NOTICE OF PUBLIC SCOPING MEETING

NEW YORK STATE DEPARTMENT OF HEALTH
NEW YORK STATE LIFE SCIENCES PUBLIC HEALTH LABORATORY

Date: March 6, 2024

Lead Agency: Dormitory Authority of the State of New York
515 Broadway
Albany, New York 12207-2964

Applicant: New York State Department of Health
Wadsworth Center
Empire State Plaza
Albany, New York 12237

This notice is issued pursuant to the *State Environmental Quality Review Act* (“SEQRA”), codified at Article 8 of the New York Environmental Conservation Law (“ECL”), and its implementing regulations, promulgated at Part 617 of Title 6 of the *New York Codes, Rules and Regulations* (“N.Y.C.R.R.”), which collectively contain the requirements for the *State Environmental Quality Review* (“SEQR”) process.

The Dormitory Authority of the State of New York (“DASNY”), as lead agency, has determined that the Proposed Action described below may have a significant effect on the environment and that a Draft Environmental Impact Statement (“DEIS”) will be prepared.

Title of Action: New York State Life Sciences Public Health Laboratory

SEQR Status: Type I Action (6 N.Y.C.R.R. 617.4(b)(6)(i) and 617.4(b)(6)(v))

Description of Proposed Action and Proposed Project. The Dormitory Authority of the State of New York (“DASNY”) has received a request from the New York State Department of Health (“NYSDOH”) for the construction of its *New York State Life Sciences Public Health Laboratory*, pursuant to DASNY’s NYSDOH Capital Projects Program.

For the purposes of the New York *State Environmental Quality Review Act* (“SEQRA”), the Proposed Action would consist of DASNY’s approval of a construction application filed pursuant to Section 2802 of the *Public Health Law* (“PHL”) that would centralize and consolidate NYSDOH’s existing operations of the Wadsworth Center, currently located in five separate facilities located throughout the Capital Region.

More specifically, the *New York State Life Sciences Public Health Laboratory* project would redevelop a vacant, approximately 27-acre site on the southeastern portion of the Harriman Campus with a new, four-story building (plus mechanical floor), totaling approximately 647,000 gross square feet (“gsf”), and include a surface parking lot with approximately 930 parking spaces (the “Proposed Project”). The Proposed Project would maximize resources for public health testing and research collaborations within a purpose-built, state-of-the-art laboratory facility.

Location of Proposed Project. The Proposed Project would be located on a vacant, approximately 27-acre site on the southeastern portion of the W. Averell Harriman State Office Building Campus, flanked by Washington Avenue to the north, Western Avenue to the south, University at Albany to the west, and New York State Route 85 to the east, in Albany, Albany County, New York.

Reasons Supporting this Determination. Representatives of DASNY reviewed the *Full Environmental Assessment Form – Part 1* (“FEAF – Part 1”), dated February 1, 2024 (attached), and determined that the Proposed Project constitutes a Type I Action pursuant to 6 N.Y.C.R.R. 617.4(b)(6)(i) and 617.4(b)(6)(v) of the SEQR implementing regulations. On February 1, 2024, DASNY circulated a lead agency request letter and *FEAF – Part 1* as well as a *Distribution List of Involved Agencies and Interested Parties* (attached) to whom the lead agency letter was sent. There being no objections, DASNY assumed SEQR lead agency status and is conducting a coordinated review among the involved agencies. DASNY representatives discussed the Proposed Project’s environmental effects with representatives of NYSDOH and the Wadsworth Center, as well as representatives of the involved agencies.

DASNY subsequently completed an evaluation of the magnitude and importance of project impacts, as detailed in the *FEAF – Parts 2 and 3* (see attached). Based on the above, DASNY, as lead SEQR agency, has determined that the Proposed Project does not have the potential for significant adverse impacts to geological features, surface water, groundwater, flooding, plants and animals, agricultural resources, aesthetic resources, historic and archeological, resources, open space and recreation, critical environmental areas, consistency with community plans and community character.

DASNY, as SEQR lead agency, has also determined that the Proposed Project may have a significant adverse impact on the environment and that a targeted Draft Environmental Impact Statement (“DEIS”) will be prepared in compliance with SEQRA, including the consideration of potentially significant adverse environmental impacts, alternatives, and mitigation. Specifically, the DEIS will consider potential impacts to stormwater management, community facilities, solid waste and recycling, water supply, sanitary wastewater, traffic and transportation, potential changes to existing air quality, including potential climate change impacts, potential noise impacts (primarily from construction), the use, quantity and type of energy, and human health. In addition, notwithstanding its targeted finding of significance, because a DEIS will be prepared, DASNY also has determined that the DEIS will consider additional environmental resource categories such as local land use, zoning and public policy as well as aesthetic resources and the character or quality of existing community or neighborhood character in the DEIS to ensure that the public has sufficient opportunity to comment on the Proposed Project.

Scoping. Scoping is the process by which the issues to be addressed in the DEIS are identified. The scoping process focuses the DEIS on the potentially significant adverse environmental impacts; eliminates non-significant and non-relevant issues; identifies the extent and quality of information needed; identifies the range of reasonable alternatives to be discussed; provides an initial identification of mitigation measures; and provides the public with an opportunity to participate in the identification of impacts.

Also attached is a *Draft Scoping Document* for the Proposed Project. The purpose of the *Draft Scoping Document* is to provide an opportunity for involved agencies, interested agencies, and the public to review and comment on the scope of work for the DEIS.

Public Scoping Meeting. A public scoping meeting will be held on Tuesday, March 26, 2024 at 6:30 p.m. at The College of St. Rose, Touhey Forum, Thelma P. Lally School of Education, 432 Western Avenue (1009 Madison Avenue), Albany, Albany County, New York. Parking is available in Lot P1 (enter at 432 Western Avenue) and Lot P19 (enter at 919 Madison Avenue).

A livestream of the public scoping meeting may be viewed at www.dasny.org/.

The purpose of the public scoping meeting will be to allow all involved agencies and interested parties an opportunity to comment on the scope of the DEIS. The attached *Draft Scoping Document* identifies the significant environmental conditions and resources that may be affected by the Proposed Project and defines the extent and quality of information necessary to address those issues in the DEIS.

Written comments and electronically mailed comments on the Draft Scoping Document may be sent to DASNY at LSPHLComments@DASNY.org and will be accepted until April 15, 2024.

For Further Information Please Contact The Lead Agency At:

Contact Person: Robert S. Derico, R.A.
Director
Office of Environmental Affairs

Address: DASNY
515 Broadway
Albany, New York 12207

Phone: 518-257-3214

Email: rderico@dasny.org



STATE ENVIRONMENTAL QUALITY REVIEW
FINAL SCOPING DOCUMENT

for the

New York State Life Sciences Public Health Laboratory
Wadsworth Center, New York State Department of Health
W. Averell Harriman State Office Building Campus Albany, New York

Date: May 22, 2024

Lead Agency: Dormitory Authority of the State of New York
515 Broadway
Albany, New York 12207-2964

Applicant: New York State Department of Health
Wadsworth Center
Empire State Plaza
Albany, New York 12237

Pursuant to the *State Environmental Quality Review Act* (“SEQRA”), codified at Article 8 of the New York *Environmental Conservation Law* (“ECL”), as well as the implementing regulations, promulgated at Part 617 of Title 6 of the *New York Codes, Rules and Regulations* (“N.Y.C.R.R.”) and the SEQRA regulations at Part 97 of Title 10 of the N.Y.C.R.R., which collectively set forth the requirements for the *State Environmental Quality Review* (“SEQR”) process, the Dormitory Authority of the State of New York (“DASNY”) intends to prepare a Draft Environmental Impact Statement (“DEIS”) for the Proposed Project described below.

In addition to SEQRA, the Proposed Project is also being reviewed in conformance with the New York *State Historic Preservation Act of 1980* (“SHPA”), especially the implementing regulations of Section 14.09 of the *Parks, Recreation, and Historic Preservation Law* (“PRHPL”) as well as with the requirements of the Memorandum of Understanding (“MOU”), dated March 18, 1998, between DASNY and the New York State Office of Parks, Recreation and Historic Preservation (“OPRHP”). Additionally, the Proposed Project will be reviewed in conformance with the *State Smart Growth Public Infrastructure Policy Act* (“SSGPIPA”).

DASNY, as Lead Agency, has determined that the Proposed Action described below may have the potential for at least one significant adverse environmental impact and that a DEIS will be prepared.

DASNY Final Scoping Document

NYS Life Sciences Public Health Laboratory

Scoping is the process by which the issues to be addressed in the DEIS are identified. The scoping process focuses the DEIS on the potentially significant adverse environmental impacts; eliminates non-significant and non-relevant issues; identifies the extent and quality of information needed; identifies the range of reasonable alternatives to be discussed; provides an initial identification of mitigation measures; and provides the public with an opportunity to participate in the identification of impacts.

A *Draft Scoping Document* for the Proposed Action was issued on March 6, 2024. Oral and written comments were received during the scoping meeting held by DASNY on March 26, 2024 at the College of St. Rose, 1009 Madison Avenue in Albany, New York. Written comments were accepted from the issuance of the *Draft Scoping Document* through the public comment period, which ended on April 15, 2024. This *Final Scoping Document* reflects changes made in response to relevant public comments on the *Draft Scoping Document*. All written comments and the public scoping meeting transcript are included in **Appendix A**, “Public Comments on the *Draft Scoping Document*.”

| | |
|-------------------------|--|
| Title of Action: | New York State Life Sciences Public Health Laboratory |
| SEQR Status: | Type I Action – 6 N.Y.C.R.R. Part 617.4(b)(6)(i) and 617.4(b)(6)(v) |
| Review Type: | Coordinated Review |

DASNY Final Scoping Document

NYS Life Sciences Public Health Laboratory

INTRODUCTION

The Dormitory Authority of the State of New York (“DASNY”) has received a request from the New York State Department of Health (“NYSDOH”) (the “Applicant”) to construct the New York State (“NYS”) Life Sciences Public Health Laboratory. For the purposes of *State Environmental Quality Review* (“SEQR”), the Proposed Action would consist of NYSDOH’s approval of construction pursuant to the *Public Health Law* (“PHL”) of NYSDOH’s plan to centralize and consolidate existing operations of the Wadsworth Center that are currently located in five separate facilities located in the Capital Region. DASNY’s role is to deliver the project on behalf of its customer agency, NYSDOH, the programmatic decision makers and owners of the project. As the Owner’s Representative, DASNY would hold all contracts, including with the design-build team and other consultants.

The Proposed Action would result in the construction of a new, purpose-built, state-of-the-art Life Sciences Public Health Laboratory building and accessory surface parking lot (the “Proposed Project”). The Proposed Project would foster innovation and collaboration at the Wadsworth Center facility, and between the Wadsworth Center and outside partners, contributing to broader life sciences initiatives in the Capital Region.

Description of the Wadsworth Center

The Wadsworth Center is the public health laboratory for the State of New York. Since its origins in 1901, developing communicable diseases treatments, to its establishment in 1914 as the Department of Health’s Division of Laboratories and Research, the Wadsworth Center has grown to become one of the nation’s preeminent state public health laboratories, providing a broad range of highly technical and specialized diagnostic, surveillance, and research activities as well as laboratory certification and educational programs, all directed towards protecting the health and well-being of the citizens of New York State. The Wadsworth Center played a central role in combating the COVID-19 pandemic and is a leader in the development and application of new public health technologies. Pioneering applied and basic public health research and development done at the Wadsworth Center has broad public health impact well beyond the state of New York, frequently impacting the establishment of national and international standards for public health policy and practice.

The Wadsworth Center is organized into one administrative, one operational, four scientific (Environmental Health Sciences, Genetics, Infectious Diseases, Translational Medicine), and one regulatory Division, all under the overall supervision of the Director’s Office. Programs within these Divisions cover a broad range of public health activities, including:

- Division of Environmental Health Sciences
 - Asbestos
 - Cannabis Reference

DASNY Final Scoping Document

NYS Life Sciences Public Health Laboratory

- Chemical Defense
- Clinical Biomonitoring
- Emerging Contaminants
- Environmental Biology
- Food Defense
- Inorganic Chemistry
- Nuclear Chemistry
- Organic Chemistry
- Trace Elements
- Division of Genetics
 - Newborn Screening
- Division of Infectious Diseases
 - Arbovirology
 - Bacterial Diseases
 - Biodefense
 - Bloodborne Viruses
 - Clinical TB
 - Diagnostic Immunology
 - Mycotic Diseases
 - Parasitic Diseases
 - Rabies
 - Viral Diseases

Scientists at the Wadsworth Center study ongoing public health issues, including drug resistance to emerging infections, environmental exposures, and basic biological processes that contribute to human health and disease; and they employ modern methods, such as biomarkers of exposure and state-of-the-art technologies. As the state's public health reference laboratory, the Wadsworth Center responds to urgent public health threats as they arise; develops advanced methods to detect microbial agents and genetic disorders; and measures and analyzes environmental chemicals.

Research scientists at the Wadsworth Center investigate a wide range of topics important to advancing knowledge in public health science, including:

- Bacterial Drug Resistance
- Cellular and Molecular Structural Analysis
- Exposome and Biomonitoring
- Microbial Molecular Genetics
- Microbial Pathogenesis and Host Immunity

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- Public Health Genomics
- Zoonotic and Vectorborne Diseases

The Wadsworth Center's Division of Laboratory Quality Certification administers a comprehensive series of laboratory licensure programs, including the Clinical Laboratory Evaluation Program and the Environmental Laboratory Approval Program, among many others.

The Wadsworth Center also trains the next generation of scientists through programs for doctoral, master's, and undergraduate students, as well as specialized training for postdoctoral fellows and others. Many scientists at the Wadsworth Center have academic appointments in the State University of New York at Albany's School of Public Health, and graduate students in the Departments of Biomedical Sciences and Environmental Health Sciences perform their dissertation research in Wadsworth Center laboratories.

The existing Wadsworth Center laboratories and facilities are located in five separate locations across the Capital Region, with a current total of approximately 800 personnel. The five existing facilities are:

- Griffin Laboratory, 5668 State Farm Road (NYS Route 155), Slingerlands;
- Biggs Laboratory, Empire State Plaza, Corning Tower, Albany;
- David Axelrod Institute, 120 New Scotland Avenue, Albany;
- Life Sciences Innovation Building, 150 New Scotland Avenue, Albany; and
- Western Avenue Offices, Albany.

Purpose and Need

The Wadsworth Center's existing laboratory facilities are antiquated and past their useful lifespans. The buildings at the Griffin Laboratory site are 50 to 90 years old, and the Biggs Laboratory at the Empire State Plaza is over 50 years old. The aging infrastructure at these sites require substantial on-going maintenance to keep operational, and it is difficult to meet the ventilation, temperature, and electrical requirements needed to operate a modern laboratory. The David Axelrod Institute is over 30 years old. Its design is outdated, making it difficult to configure spaces for modern instrumentation and workflows. The failing infrastructure and outdated design of its current laboratories makes it increasingly difficult for the Wadsworth Center to meet the needs of a modern public health laboratory and to fulfill its critical public health mission.

The Proposed Project would consolidate laboratory operations of the Wadsworth Center from the current five locations into one new, world-class, state-of-the-art laboratory that would provide many benefits, including:

- Improved preparedness for future public health emergencies

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- Enhancements necessary to meet emerging public health threats
- Improved efficiencies in public health testing
- Attract and retain world-class scientists
- Improved competitiveness for research funding
- Reduced costs of operations, maintenance, training, and security
- Increased personnel efficiency
- Enhance life sciences initiatives in the Capital Region

The Proposed Project would contain flexible laboratories spaces that can be adapted quickly to respond to public health emergencies. In addition, bringing all the Wadsworth Center's Divisions under one roof would facilitate synergies that can lead to new discoveries and scientific breakthroughs. The co-location of scientists and researchers in one advanced laboratory facility would also support and cultivate industry collaborations and enhance the Wadsworth Center's ability to continue to study critical public health issues, such as drug resistance to emerging infections, environmental exposures, and biological processes that contribute to human health and disease.

In February 2019, the New York State Public Authorities Control Board approved the Urban Development Corporation's request for a life sciences laboratory public health initiative plan for the location of a public health laboratory on the Harriman Campus. In addition, commensurate with the importance of the Wadsworth Center, New York State's 2023–2024 budget included approximately \$1.7 billion to fund the proposed new laboratory, for which DASNY has been awarded the design and construction contract by NYSDOH.

Project Site

The Project Site is approximately 27-acres on the southeastern portion of the approximately 330-acre W. Averell Harriman State Office Building Campus ("Harriman Campus") at 1220 Washington Avenue in western Albany (see **Figures 1 through 3**). The Harriman Campus was largely developed during the 1950s and 1960s and includes 16 New York State Government office buildings in a campus-like setting. The Harriman Campus is roughly bounded by Washington Avenue to the north, Western Avenue to the south, the University of Albany to the west, and New York State Route 85 to the east.

The Project Site previously contained structures that were part of the campus, but those structures have been demolished and the site is now vacant. The Project Site currently contains paved and unpaved areas and is used partially for campus parking as well as a closed portion used by contractors working on other portions of the Harriman Campus.



NOTE: FOR ILLUSTRATIVE PURPOSES ONLY

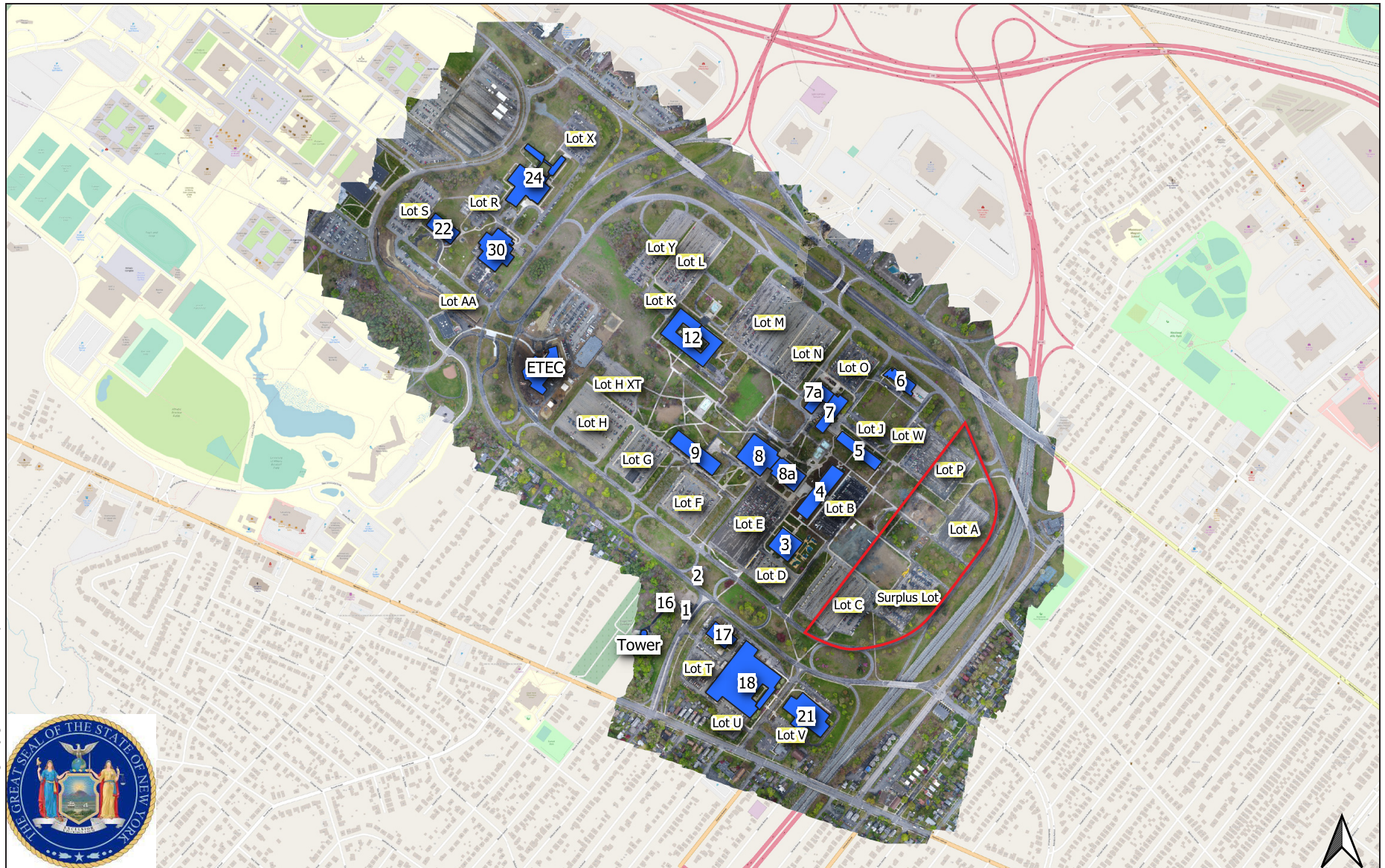
- Project Site*
- Wadsworth Center Laboratory Facilities*

Project Site Context
Figure 1





Project Site



W. Averell Harriman State Office Building Campus
Figure 3

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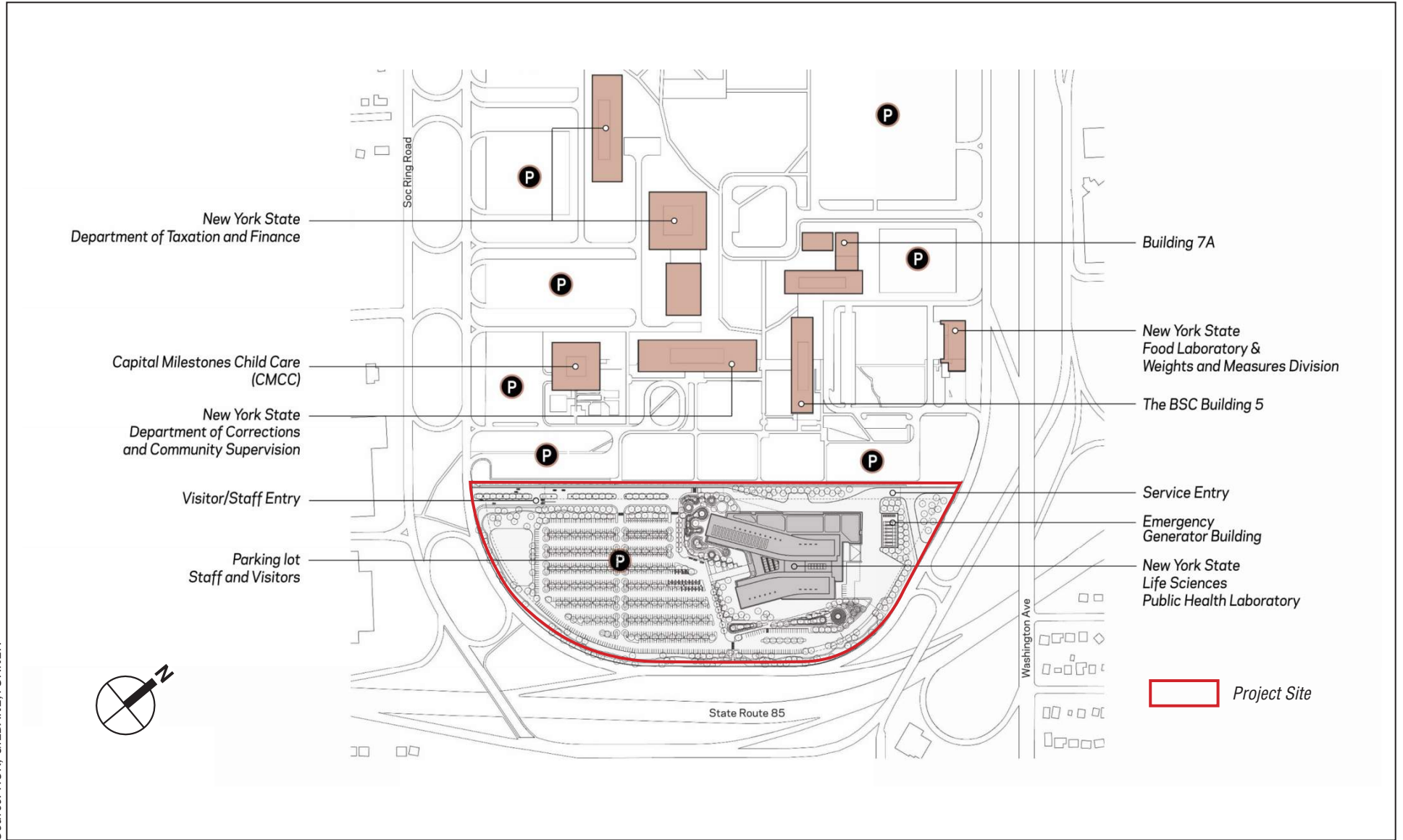
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Proposed Project

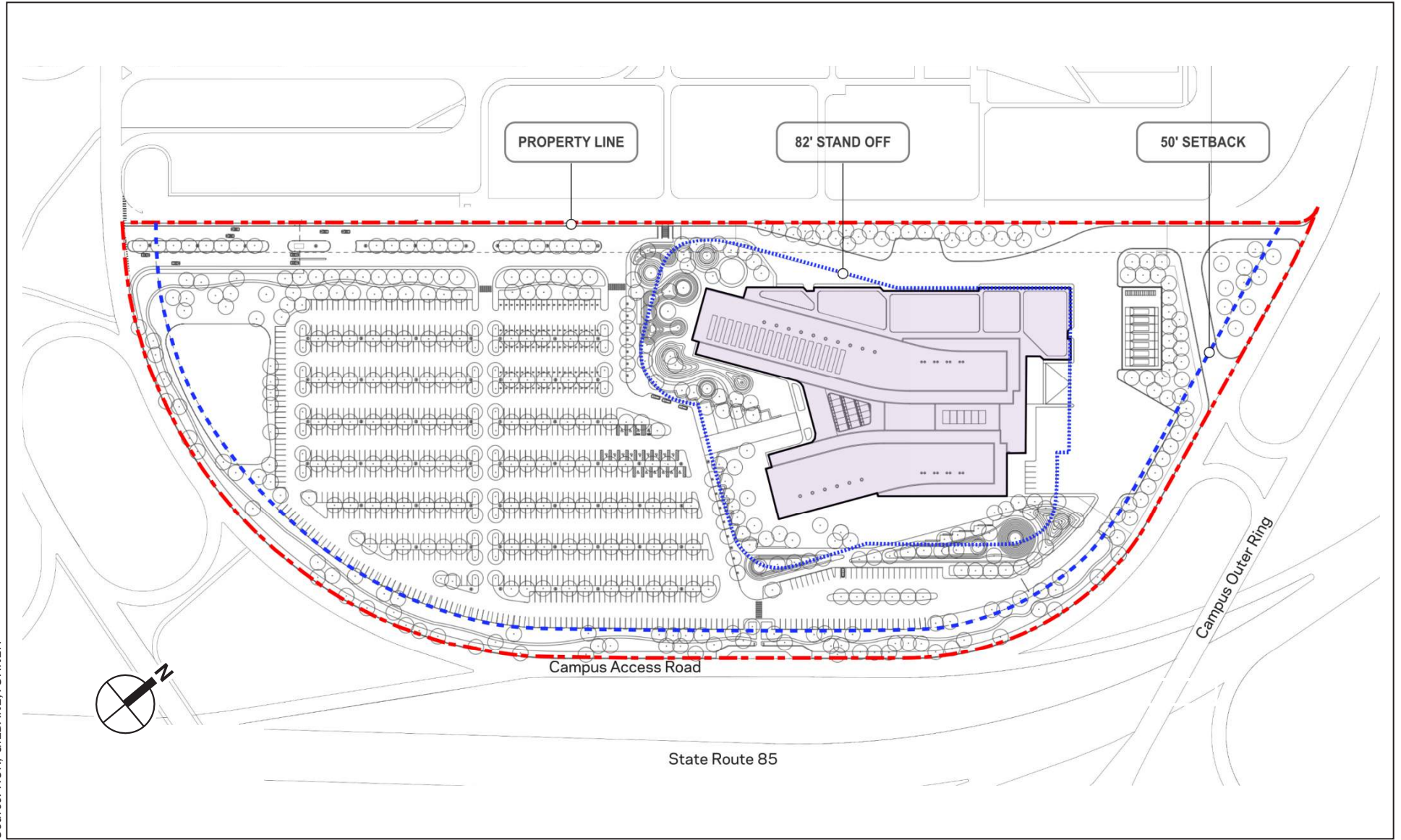
NYSDOH proposes to redevelop the Project Site with a new, four-story (plus mechanical floor) state-of-the-art laboratory building containing approximately 647,000 gross square feet (“gsf”) and a surface parking lot with approximately 930 parking spaces (see **Figures 4 and 5**). The Proposed Project would centralize and consolidate the existing operations of the Wadsworth Center within a new purpose-built, state-of-the-art Life Sciences Public Health Laboratory building that would maximize resources in support of public health testing, collaborative research, and learning opportunities. The design of the Proposed Project seeks to address several challenges: satisfy optimal program adjacency goals in the context of a large number of programs spread across four large floor plates; develop an efficient laboratory organizational model that maximizes staff interactions and promotes collaboration; establish close adjacencies between laboratories and workstations; and limit travel distances throughout the building while also promoting circulation and connectivity to enhance opportunities for spontaneous interactions. Laboratory spaces would be designed with mobile, modular casework to provide maximal flexibility to meet current needs while maintaining the ability to be easily and rapidly reconfigured to adapt to future public health needs as they evolve. In addition, the laboratory would be designed to provide a flexible system for the distribution of the varied support services that are needed to operate a modern, cutting-edge public health laboratory.

As shown in **Figures 2 through 5**, the new building would be sited on the eastern portion of the Project Site, with parking to the west. As currently contemplated, the building is being designed with a “hub and spoke” plan with a centralized hub containing an atrium, vertical circulation, and spaces for collaboration. Two spokes would extend from the hub and would contain four stories of laboratories, associated office space, and other support programs, plus a full mechanical floor. The primary entrance for staff and visitors would be from the Campus Access Road on the west side of the new building, which would be oriented toward the parking lot and on-site walkways. Loading and service access would be provided at the northeast portion of the Project Site. A single-story extension of the facility beyond the footprint of the laboratory spaces would extend to the northeast towards the service entrance, allowing direct access to the loading docks.

The new facility is being designed to include all the varied types of spaces needed for the Wadsworth Center to fulfill its public health mission, including biology and chemistry laboratories, biocontainment laboratories, particulate clean rooms, light and electron microscopy imaging laboratories, and vivariums. Laboratory support spaces would also be provided, including biochemistry and immunology instrumentation laboratories, a glassware cleaning facility, environmental rooms, a warehouse, a large freezer storage area, and facilities management maintenance and repair shops. The building is also being designed to contain a Central Utilities Plant. Amenity spaces are anticipated to include offices, conference rooms, classrooms, collaboration spaces, a large auditorium, kitchenettes, and a cafeteria. A separate emergency generator building



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 Project Site

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would be located northeast of the main facility. A geothermal heat pump system is proposed to be located beneath the parking lot to meet a portion of the heating and cooling demand from the facility.

NYSDOH is committed to incorporating principles of sustainability and wellness into the Proposed Project consistent with Executive Order 22 (“EO-22”). The focus is on an integrated design approach that would optimize building performance, reduce greenhouse gas emissions, reduce water usage, minimize waste, and maximize human health and the experience within the facility. The Proposed Project is being designed to achieve Leadership in Energy and Environmental Design (“LEED”) v4/4.1 Silver certification.

The Project Site is being designed to have a 50-foot setback from the Campus Access Road which would preserve many of the existing trees on the Project Site, while providing space for a landscaped privacy buffer along the perimeter of the Project Site. The Project Site design would provide approximately 930 parking spaces and also include an approximately 82-foot setback from all facades of the building as a security zone that would include walkways and landscaping. As currently envisioned, the perimeter of the 'front' westward facing two-thirds of the Project Site would have a pedestrian-height, black aluminum picket fence that would demarcate the property line of the Proposed Project, and the 'back' eastward facing one-third of the Project Site would have the same style perimeter fence but at anti-scale security height to protect critical infrastructure.

The Proposed Project design work is expected to begin in 2024, with construction starting in early 2025. Design and construction for the Proposed Project would last for approximately 69 months; therefore, for the purposes of the environmental review, a 2030 analysis year is assumed.

As noted above, the existing Wadsworth Center laboratories are located in five separate facilities across the Capital Region. Currently, there are no specific, reasonably foreseeable plans to re-tenant or reuse these sites. Therefore, potential changes to the existing Wadsworth Center facilities once the Proposed Project is operational will not be evaluated in the DEIS, although it is expected that existing employees would be transferred from these current locations into the new combined facility, resulting in reductions in traffic and other environmental impacts at those five existing locations.

Required Approvals

The Proposed Project requires the approvals listed in **Table 1** below. The governmental agencies responsible for those approvals are “Involved Agencies” or “Interested Agencies” pursuant to SEQRA.

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Table 1
Required Approvals

| Agency | Approval/Review |
|--|--|
| DASNY | Construction permitting |
| NYSDOH | Approval of construction under the <i>Public Health Law</i> |
| NYS Department of State | New York State Uniform Fire Prevention and Building Code variance |
| NYS Office of General Services / NYS Department of Transportation | Roadway modifications (if any) |
| NYS Department of Environmental Conservation | SPDES General Permit for Stormwater Discharges from Construction Activity Potentially NYS Air Registration or Air Facility Permit Potentially approvals related to the proposed geothermal system |
| OPRHP | Section 14.09 Historic Resources review |
| City/County of Albany | Connections to County of Albany sanitary sewer and City of Albany water lines, stormwater approvals |

Potential Environmental Impacts

DASNY's Positive Declaration indicated that the Proposed Project, when compared to the SEQR criteria of environmental effect listed in Section 617.7 of the SEQR regulations, may have the potential for significant adverse impacts on the environment.

The Project Site is a previously disturbed site, located on the Harriman Campus, which is primarily comprised of underutilized surface parking lots. It is bounded by a significant transportation network. The Proposed Project would not involve the removal or destruction of large quantities of vegetation or fauna; substantial interference with the movement of any resident or migratory fish or wildlife species; impacts on a significant habitat area; substantial adverse impacts on a threatened or endangered species of animal or plant, or the habitat of such a species; or other significant adverse impacts to natural resources. It would not impair the environmental characteristics of a critical environmental area as designated pursuant to section 617.14(g) of Title 6 nor would it impair the character or quality of important historical, archeological, or architectural resources. The Proposed Project also would not cause a substantial change in the use, or intensity of use of the Harriman Campus, of land including agricultural, open space or recreational resources, or in its capacity to support existing uses and would not create a material conflict with the community's current plans or goals as officially approved or adopted.

Accordingly, DASNY has determined that the Proposed Project does not have the potential for significant adverse impacts to geological features, surface water, groundwater, flooding, plants and animals, agricultural resources, aesthetic resources, historic and archeological resources, open space and recreation, critical environmental areas, consistency with community plans and community character.

DASNY further determined that there is the potential for adverse environmental impacts relative to the following, which will be addressed further in the DEIS:

- stormwater management,

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- community facilities,
- solid waste and recycling,
- water supply,
- sanitary wastewater,
- traffic and transportation,
- potential changes to existing air quality, including potential climate change impacts,
- potential noise impacts, primarily from construction,
- the use, quantity, and type of energy, and
- human health.

DASNY also determined that it would further discuss additional environmental resource categories such as local land use, zoning, and public policy as well as aesthetic resources and the existing community or neighborhood character in the DEIS to ensure that the public had sufficient opportunity to comment on the Proposed Project.

Based on DASNY's Positive Declaration, the following section sets forth a scope of work for the EIS.

Required Elements of the DEIS

Each subject area covered in the DEIS will be presented in individual chapters describing existing conditions, potential impacts of the Proposed Project, and mitigation measures for any significant adverse impacts identified. Each chapter will include a brief introduction, identifying the major topics to be considered, relevant methodology used, and thresholds for determining if significant adverse impacts exist. An Executive Summary describing the Proposed Project and all significant adverse impacts identified will also be included. The current conditions on the Project Site will be considered the existing conditions throughout the technical analyses. The "build year" for the Proposed Project will be the expected first year of full occupancy and operation which is projected to be 2030.

As required by SEQRA, the DEIS will also contain the following elements outlined below:

- A description of the Proposed Project and its environmental setting;
- A statement of the environmental impacts of the Proposed Project, including its short- and long-term effects, and typical associated environmental effects;
- An identification of significant adverse environmental effects that cannot be avoided if the Proposed Project is implemented;
- A discussion of the Alternatives to the Proposed Project;
- An identification of irreversible and irretrievable commitments of resources resulting from implementation of the Proposed Project; and

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- A description of mitigation measures proposed to minimize or avoid significant adverse environmental impacts of the Proposed Project.

ORGANIZATION AND EXPECTED CONTENT OF THE DEIS

COVER SHEET AND GENERAL INFORMATION

The Cover Sheet will identify: the Proposed Project; its location; the name, address, and phone number of the Lead Agency; the name and address of the Preparer of the DEIS; identify the document as a Draft Environmental Impact Statement; the Date of Acceptance of the DEIS by the Lead Agency; and the date of the Public Hearing and the closing of the Public Comment Period.

Additional information, to be provided on pages following the Cover Sheet, will list the name(s) and address(es) of all consultants involved in the preparation of the DEIS and their respective roles.

The DEIS will include a list of all Involved and Interested Agencies to which copies of the DEIS and supporting material will be distributed.

A Table of Contents followed by a List of Tables and List of Figures will be provided.

1. EXECUTIVE SUMMARY

The executive summary will include:

- Introduction
- Description of the Proposed Project
- List of all Approvals Required
- Statement of Project Purpose and Need
- Summary of significant adverse environmental impacts identified in each subject area
- Summary of mitigation measures proposed for significant adverse environmental impacts
- Description of Alternatives Analyzed

2. PROJECT DESCRIPTION

2.1. PROJECT IDENTIFICATION

The introduction will identify the document as the Draft Environmental Impact Statement for the Proposed Project and will describe the location and programmatic elements of the Proposed Project.

2.2. PROJECT DESCRIPTION

This chapter will identify and describe the Project Site in text and graphics, including the Project Site location on the southern portion of the W. Averell Harriman State Office Building Campus (“Harriman Campus”), the Project Site within the context of the Harriman Campus, and current access to the Project Site from nearby areas of the Harriman Campus and the surrounding area. This section will also describe the environmental setting and constraints of the Project Site, the proposed use(s) on the Project Site, and vehicular and pedestrian circulation. A description of the parking and loading facilities will be included. Graphics will include illustrative site plans, building elevations, and renderings to supplement the narrative descriptions provided.

2.3. PURPOSE AND NEED

Description of the Applicant’s purpose and need for the Proposed Project.

2.4. SITE HISTORY

Description of previous use(s) and structures on the Project Site and the current condition of the Project Site.

2.5. REQUIRED APPROVALS

List and briefly describe discretionary and non-discretionary approvals required by State, County, and City agencies.

3. LAND USE, ZONING, AND PUBLIC POLICY

This chapter will summarize the defining characteristics of the Project Site, including zoning, existing land uses, and applicable local plans/policies. The specific compatibility of the Proposed Project with surrounding land uses and zoning must also be discussed.

3.1. LAND USE AND ZONING

3.1.1. EXISTING CONDITIONS

Describe existing conditions on the Project Site and in the vicinity using narrative, photographs, and maps. The study area for the land use analysis will be the area within ¼-mile of the Project Site.

Describe the existing zoning for the Project Site and within the study area.

3.1.2. POTENTIAL IMPACTS

Describe the relationship of the Proposed Project with neighboring uses and discuss the effects of the Proposed Project on the general land use patterns for the anticipated Build-Year.

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Discuss the Proposed Project's consistency with relevant local zoning provisions in general terms.

3.1.3. MITIGATION MEASURES

Discuss ways that identified significant adverse impacts to land use or zoning, resulting from the Proposed Project, if any, would be /mitigated.

3.2. PUBLIC POLICY

3.2.1. EXISTING CONDITIONS

Describe applicable public policies from relevant local plans and regulations, including:

- State Smart Growth Public Infrastructure Policy Act (2010)
- Albany County Economic Development Strategy (2020)
- City of Albany Unified Sustainable Development Ordinance ("USDO") (2017)
- Albany 2030—The City of Albany Comprehensive Plan
- City of Albany Bicycle and Pedestrian Master Plan (2021)
- City of Albany Complete Streets Policy & Design Manual (2016)
- Washington Avenue/Patroon Creek Corridor Study (2019)
- Harriman Research and Technology Park Market Assessment and Master Plan Study (2006)
- Harriman Campus—University at Albany Transportation Linkage Study (2007)

3.3. POTENTIAL IMPACTS

Assess the compatibility of the Proposed Project with the applicable public policies identified in Existing Conditions.

3.4. MITIGATION MEASURES

To the extent that adverse impacts are identified, this section will identify and describe measures to avoid or mitigate significant adverse impacts to land use or zoning that may result from the Proposed Project.

4. STORMWATER MANAGEMENT

This chapter will focus on the specific potential impacts of the Proposed Project to or from stormwater that could occur on the Project Site.

4.1. INTRODUCTION AND SUMMARY OF FINDINGS

Summarize the key findings of the existing conditions, the analysis of the potential impacts of the Proposed Project, and measures proposed to mitigate impacts resulting from the Proposed Project.

4.2. EXISTING CONDITIONS

Identify and describe existing stormwater management facilities and drainage patterns on the site and within surrounding off-site areas located within the same drainage basin(s) (include map).

Calculate and describe the pre-development peak runoff rates for the 1-, 10-, and 100-year storm events.

4.3. POTENTIAL IMPACTS OF THE PROPOSED PROJECT

Describe and show in graphics the proposed post-construction stormwater management system, including changes to existing drainage patterns and subsurface conveyance systems.

Calculate and describe the post-development peak run-off rates for the 1-, 10- and 100-year storm events.

Prepare preliminary stormwater quality calculations to satisfy the requirements of the City of Albany and the New York State Department of Environmental Conservation ("NYSDEC").

Demonstrate compliance with City and State stormwater regulations, including those with respect to stormwater quality, quantity, and green infrastructure. Describe requirements to prepare a stormwater pollution prevention plan (SWPPP) for construction of the Proposed Project.

4.4. MITIGATION MEASURES

Identify and describe measures to avoid or mitigate significant adverse impacts on stormwater management as a result of the Proposed Project.

5. VISUAL AND COMMUNITY CHARACTER

This chapter will focus on the specific impacts of the Proposed Project on visual resources and community character.

5.1. INTRODUCTION AND SUMMARY OF FINDINGS

Summarize the key findings of the existing conditions survey, the analysis of the potential impacts of the Proposed Project, and if impacts are identified, measures proposed to mitigate impacts from the Proposed Project.

5.2. EXISTING CONDITIONS

Describe the visual character of the Project Site within the context of its surrounding area, including nearby areas of the Harriman Campus. The description will include text and graphics describing the Project Site and built structures in the surrounding area,

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including NYS Route 85 and landforms, topography, and vegetative cover. Existing condition photographs of the Project Site and surrounding area will be provided.

Identify and describe significant views into the Project Site from a range of representative publicly accessible vantage points, including the following: from the southeast across NYS Route 85 and the neighborhoods southeast of NYS Route 85; the neighborhoods immediately to the northeast and southwest of the Project Site; from the State University of New York at Albany campus to the northwest; and from vantage points to the northeast across Washington Avenue.

5.3. POTENTIAL IMPACTS OF THE PROPOSED PROJECT

Qualitatively discuss the potential for changes to the existing visual and community character described above as a result of the Proposed Project. Discuss potential changes to the Project Site that could impact visual and community character. Describe and visually demonstrate the potential changes to the Project Site that would affect views from the vantage points described above using a combination of photographs depicting the existing conditions and photo-simulations depicting the proposed future conditions. Discuss the visual and architectural character of the proposed building and Proposed Project. Analyze changes to community character as a result of the proposed building on the Project Site. Use street level views and viewshed analysis from around the community to assess community character impacts.

5.4. MITIGATION MEASURES

To the extent that adverse impacts are identified, this section will identify and describe measures to avoid or mitigate significant adverse community character impacts that may result from the Proposed Project.

6. SOCIOECONOMIC IMPACTS

This chapter will focus on the Proposed Project's potential impacts on socioeconomic conditions.

6.1. INTRODUCTION AND SUMMARY OF FINDINGS

Summarize the key findings of the existing conditions, the analysis of the potential impacts of the Proposed Project, and measures proposed to mitigate impacts from the Proposed Project.

6.2. EXISTING CONDITIONS

Describe the current demographic and workforce characteristics of the City of Albany in general, and the area surrounding the Project Site in particular.

Describe the socioeconomic activities attributable to the Project Site.

6.3. POTENTIAL IMPACTS OF THE PROPOSED PROJECT

Describe the population and estimate other demographic characteristics that are expected to occur as a result of the Proposed Project.

Estimate the changes in economic activity attributable to the Project Site as a result of development under the Proposed Project.

6.4. MITIGATION MEASURES

Identify and describe measures to avoid or mitigate significant adverse socioeconomic impacts that may result from the Proposed Project.

7. ENVIRONMENTAL JUSTICE

7.1. INTRODUCTION AND SUMMARY OF FINDINGS

Summarize the key findings of the existing conditions, the analysis of the potential impacts of the Proposed Project, and measures proposed to mitigate impacts from the Proposed Project, if required.

7.2. EXISTING CONDITIONS

As Potential Environmental Justice Areas (“PEJAs”) were identified proximate to the Project Site, the DEIS will include an assessment of the potential for the Proposed Project to affect minority or low-income populations. The analysis will follow the guidance and methodologies in NYSDEC’s Commissioner Policy 29 (CP-29), “Environmental Justice and Permitting” (March 19, 2003). CP-29 sets forth guidelines for evaluation of adverse environmental impacts on minority or low-income populations. NYSDEC’s ArcGIS Webmap of PEJAs, as designated in 2020 updates, was reviewed to identify any PEJAs (minority and low-income communities).

The analysis will also consider potential disproportionate impacts on disadvantaged communities. The Project Site is located nearby a cluster of disadvantaged communities based on a review of areas identified as disadvantaged communities by New York State’s Climate Justice Working Group.¹ The closest disadvantaged community is located across Washington Avenue to the north. Additional minority and low-income communities were identified to the east of the Project Site. Following NYSDEC guidance, the environmental justice analysis will consist of the following steps:

- Define a study area to include all census block groups substantially within the area where any potential significant adverse impacts resulting from the Proposed Project could occur.

¹ Map of NYS Disadvantaged Communities: <https://www.nyserda.ny.gov/ny/Disadvantaged-Communities>

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- Determine whether PEJAs are present in the study area. Following NYSDEC's methodology for identifying significant minority and low-income populations within the study area, the most recent and available U.S. Census Bureau's census demographic data will be acquired such as total population, race, and ethnicity, and poverty status at the census block group level for each census block group in the environmental justice study area. In addition, data will be compiled for the City of Albany as a whole, to allow for a comparison of study area characteristics with a larger reference area.

7.3. POTENTIAL IMPACTS OF THE PROPOSED PROJECT

This analysis will identify any potential significant adverse environmental impacts that could occur within the study area as a result of the Proposed Project.

To comply with Executive Order 22 and pursuant to the Laws of New York (2022) *ECL* § 8-0113(2)(b), this analysis will also consider the direct or indirect impacts of the Proposed Project on any "disadvantaged communities" (as defined in *ECL* § 75-0101(5) and Executive Order 22), including whether the Proposed Project may cause or increase a disproportionate pollution burden on those communities. The United States Environmental Protection Agency's ("EPA") EJScreen² will be used to characterize the existing adverse pollution burden in the study area. Any potential disproportionate adverse pollution impacts from the Proposed Project will be identified and addressed.

The analysis will include a summary of the Proposed Project's public participation process, including outreach to disadvantaged communities, as well as any offsetting benefits.

7.4. MITIGATION MEASURES

If warranted, identify and describe measures to avoid or mitigate significant adverse impacts as a result of the Proposed Project.

8. COMMUNITY FACILITIES

This chapter will focus on the specific impacts of the Proposed Project to community facilities that could occur with the Project Site's development.

8.1. INTRODUCTION AND SUMMARY OF FINDINGS

Summarize the key analysis of the potential impacts of the Proposed Project, and measures proposed to mitigate impacts from the Proposed Project. The Proposed Project would not result in a demand for school services. It would also not impact or alter the demand for parks, recreation or open space. Therefore, no further analysis of

² <https://www.epa.gov/ejscreen>

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public schools, parks, recreation or open space is required for the Proposed Project and these areas of community facilities will not be addressed in the DEIS.

8.2. PUBLIC SAFETY

8.2.1. EXISTING CONDITIONS

Describe the existing police, fire, and emergency medical services protection for the Project Site.

8.2.2. POTENTIAL IMPACTS OF THE PROPOSED PROJECT

Describe the anticipated need for emergency services from the various uses proposed on the Project Site.

Assess the capability of the City's emergency service providers to meet the projected demands of the Proposed Project. Discuss, as appropriate, how emergency services are currently provided to Wadsworth Center laboratory facilities and how the services would be provided to the Proposed Project.

Describe the emergency vehicle access provided by the Proposed Project. Describe specialized or unique emergency service needs that may be required as a result of the uses and building configurations proposed, including specialized training that would be provided for building staff and local emergency service providers.

8.2.3. MITIGATION MEASURES

To the extent that adverse impacts are identified, this chapter will identify and describe measures to avoid or mitigate significant adverse impacts on emergency services as a result of the Proposed Project.

8.3. SOLID WASTE AND RECYCLING

8.3.1. EXISTING CONDITIONS

Describe existing City of Albany sanitation, solid waste, and recycling services provided to the Project Site and the capacity of such services.

8.3.2. POTENTIAL IMPACTS OF THE PROPOSED PROJECT

Describe potential impacts to City of Albany solid waste services from the Proposed Project. Estimate the amount of solid waste and recycling that would be generated from the Proposed Project.

Describe how solid waste and recycling would be stored and collected at the Project Site with the Proposed Project. Describe how solid waste and recycling vehicles would access and maneuver on the Project Site with the Proposed Project.

8.3.3. MITIGATION MEASURES

Identify and describe measures to avoid or mitigate significant adverse impacts on solid waste services as a result of the Proposed Project.

9. INFRASTRUCTURE AND UTILITIES

This chapter will discuss and analyze the specific impacts of the Proposed Project on water supply, sanitary wastewater, electric and gas infrastructure. Impacts to stormwater and roadway infrastructure are discussed in other chapters, as noted in this Scoping Document.

9.1. INTRODUCTION AND SUMMARY OF FINDINGS

Summarize the key findings of the existing conditions survey, the analysis of the potential impacts of the Proposed Project, and measures proposed to mitigate impacts from the Proposed Project.

9.2. WATER SUPPLY

9.2.1. EXISTING CONDITIONS

Using information provided by the City of Albany Department of Public Works (“DPW”) and other available sources, describe in text and graphics the size, location, age, condition, and capacity of the existing municipal water supply infrastructure serving and surrounding the Project Site. Describe existing infrastructure for water supply on the Project Site.

Identify the source of potable water for the Project Site and the capacity of and current demand on that source.

9.2.2. POTENTIAL IMPACTS OF THE PROPOSED PROJECT

Quantify the anticipated water demand (domestic and fire) of the Proposed Project.

Determine if the existing water conveyance system is adequate to serve the projected flows from the Project, taking into account planned improvements to that system.

Determine the capacity of the water supply system to serve the anticipated demands of the Project.

9.2.3. MITIGATION MEASURES

Describe measures, if any, which will be implemented to mitigate potentially adverse impacts from the Proposed Project, including any necessary improvements to the water supply system.

9.3. SANITARY WASTEWATER

9.3.1. EXISTING CONDITIONS

Using information provided by the City of Albany DPW and other available sources, describe in text and graphics the size, location, age, condition, and capacity of the sanitary sewer infrastructure serving and surrounding the Project Site. Describe existing wastewater infrastructure on the Project Site.

Identify the wastewater treatment plant that receives the sanitary wastewater flow from the Project Site and the capacity and current flow conditions at the plant.

9.3.2. POTENTIAL IMPACTS OF THE PROPOSED PROJECT

Quantify the anticipated sanitary sewer flow generated by the Proposed Project.

Determine if the existing sanitary wastewater conveyance system is adequate to serve the projected flows from the Project, taking into account planned improvements to, and expected additional demands on, that system.

Determine if the capacity of the sewage treatment plant is adequate to serve the anticipated demands of the Project.

9.3.3. MITIGATION MEASURES

Describe measures, if any, which will be implemented to mitigate potentially adverse impacts from the Proposed Project, including necessary improvements to the wastewater conveyance system and the elimination of existing inflow and infiltration.

9.4. ENERGY USAGE (ELECTRICITY AND GAS)

9.4.1. EXISTING CONDITIONS

Describe the existing electricity and gas service and infrastructure serving the Project Site and surrounding area, including location and conditions.

9.4.2. POTENTIAL IMPACTS OF THE PROPOSED PROJECT

Quantify the anticipated electric and gas demand from the Proposed Project. Based on information received from the electric and gas providers, determine if the capacities of the electric and gas systems are adequate to meet the projected demand of the Project.

9.4.3. MITIGATION MEASURES

Describe measures, if any, which will be implemented to mitigate potentially adverse impacts from the Proposed Project.

Describe the potential use of sustainable building and mechanical equipment design technologies as part of the design of the Proposed Project to maximize energy efficiency and reduce greenhouse gas (“GHG”) emissions. Describe operational policies that will

be considered to minimize the use of energy and resultant greenhouse gas emissions during the Proposed Project's operation.

10. TRAFFIC AND TRANSPORTATION

This chapter will evaluate the potential impacts to traffic and transportation from the specific program advanced by the Proposed Project.

10.1.INTRODUCTION AND SUMMARY OF FINDINGS

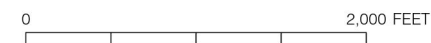
Summarize the existing conditions, the analysis of the potential impacts of the Proposed Project, and measures proposed to mitigate significant adverse impacts from the Proposed Project on the traffic and transportation systems, if required.

10.2.EXISTING CONDITIONS

Describe the roadway characteristics in the area surrounding the Project Site. Conduct traffic counts at the following intersections and ramp merge and diverge areas during the weekday AM and PM peak hours:

Study Intersections (see **Figure 6**)

1. Central Avenue / Colvin Avenue
2. Washington Avenue/Campus Access Road/Washington Medical Arts Center Driveway
3. Campus Access Road/I-90 Off-Ramps*
4. Washington Avenue/Campus Access Road Westbound Ramp
5. Campus Access Road/I-90 On-Ramps
6. Campus Access Road/Washington Avenue Eastbound Ramp
7. Campus Access Road/Patroon Creek Boulevard
8. Campus Access Road Westbound/U-Turn near Lot N
9. Campus Access Road Eastbound/U-Turn near Lot N
10. Campus Access Road Eastbound/Route 85 Southbound Off-Ramp/Washington Avenue Ramp
11. Washington Avenue/Campus Access Road Westbound Ramp
12. Washington Avenue Ramp/Route 85 Southbound On-Ramp*
13. Washington Avenue/Route 85 Northbound On-Ramp
14. Washington Avenue/Colvin Avenue
15. Washington Avenue/Manning Boulevard
16. Campus Access Road Southbound/U-turn near Lot Y
17. Campus Access Road/I-90 On-Ramp split*
18. Campus Access Road Westbound/U-Turn near Lot P



Preliminary Traffic Study Locations

Figure 6

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19. Campus Access Road Eastbound/U-Turn near Lot P
20. Campus Access Road/Route 85 Southbound Ramp merge
21. Harriman Campus Outer Ring / Brevator Street
22. Campus Access Road/Route 85 Southbound On-Ramp*
23. Harriman Campus Outer Ring/Route 85 Northbound On-Ramp*
24. Campus Access Road/Justice Drive
25. Campus Access Road Northbound/U-Turn near ETEC
26. Soc Ring Road/Transit Stop merge*
27. Campus Access Road Westbound/U-Turn near Lot H
28. Soc Ring Road Eastbound/U-Turn near Lot H
29. Campus Access Road Westbound/U-Turn near Lot F
30. Soc Ring Road Eastbound/U-Turn near Lot F
31. Campus Access Road Westbound/Harriman Campus Road
32. Soc Ring Road Eastbound/State Campus Road
33. Campus Access Road Westbound/U-Turn
34. Campus Access Road Eastbound/U-Turn near Lot C
35. Campus Access Road Westbound/U-Turn near Lot C
36. Campus Access Road Eastbound/Route 85 Southbound On-Ramp*
37. Campus Access Road/Harriman Campus Out Ring
38. Belvidere Avenue/Brevator Street
39. Western Avenue/Tudor Road
40. Western Avenue/Hillcrest Avenue/State Campus Road
41. Western Avenue/Brevator Street
42. Western Avenue/Belvidere Avenue

* Indicates traffic volume data collection only

Study Ramp Merge and Diverge Areas

- I-90 Eastbound Off-Ramp at Exit 4
- I-90 Westbound On-Ramp at Exit 4
- I-90 Eastbound Off-Ramp at Exit 4 to Route 85
- I-90 Westbound Off-Ramp at Exit 4
- I-90 Eastbound On-Ramp at Exit 4
- Route 85 Southbound Off-Ramp
- Route 85 Northbound Off-ramp
- Route 85 Southbound On-Ramp

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Conduct capacity analysis (Level of Service analysis) for each of the above intersections using SYNCHRO software for intersections and Highway Capacity Software (“HCS”) for ramp merge and ramp diverge areas. Summarize the existing Levels of Service in tabular format.

The public transportation systems and pedestrian/bicycle facilities within the study area will be summarized, including the location of bus stops, frequency of service, and the presence of passenger amenities.

The most recent 5 years of available crash data records from the New York State Department of Transportation (“NYSDOT”) will be obtained and summarized in tabular form to determine general vehicular safety conditions in the study area.

Estimate traffic volumes in the study area in the future without the Proposed Project utilizing a background growth factor based on historical data, and estimated traffic volumes from other pending or approved projects in the area, if any, in consultation with the City of Albany, Capital Region Transportation Council, NYSDOT, and New York State Office of General Services (“OGS”). Calculate the traffic volumes for each of the peak hours in the future without the Proposed Project and show on a figure.

Identify significant planned improvements in the transportation network by NYSDOT, City of Albany, OGS, and/or the local jurisdictions and incorporate those improvements, where applicable, into the analysis models. Conduct capacity analysis (Level of Service analysis) for each of the study intersections and ramp merge and diverge locations for the future without the Proposed Project. Summarize the Levels of Service in tabular format.

10.3.POTENTIAL IMPACTS OF THE PROPOSED PROJECT

Estimate “Site Generated Traffic” based on the anticipated employment population of the Proposed Project. Assign the Site Generated Traffic to the roadway network based on the anticipated arrival and departure distributions.

Combine the Site Generated Traffic Volume with the No-Build traffic volumes to obtain the “Build Traffic Volumes” for the peak hours (the “Build” condition) and show on a figure.

Conduct capacity analysis (Level of Service analysis) for each of the study intersections and ramp merge and diverge locations for the Build condition. Summarize the Levels of Service in tabular format for the Build condition.

Describe on-site circulation of vehicles (auto, truck, and bus) and pedestrians. Identify on-site parking proposed for the Proposed Project, including the basis for the parking ratios utilized.

Qualitatively discuss impacts or benefits to the pedestrian/bicycle and transit network.

10.4.MITIGATION MEASURES

Based on the results of the traffic and transportation analyses, identify practicable improvements to the traffic and transportation systems where necessary. The benefits of any proposed improvements will be identified consistent with the methodology and format of the project-impact analysis.

11. AIR QUALITY AND CLIMATE CHANGE

This chapter will evaluate the potential impacts to air quality from the Proposed Project.

11.1.INTRODUCTION AND SUMMARY OF FINDINGS

Summarize the key findings of the existing conditions survey, the analysis of the potential impacts of the Proposed Project, and measures proposed to mitigate impacts from the Proposed Project.

11.2.EXISTING CONDITIONS

Describe existing ambient air quality using information from NYSDEC's Ambient Air Quality Monitoring Network. In addition, describe the latest information regarding the status of the State Implementation Plan ("SIP") and attainment status.

11.3.POTENTIAL IMPACTS OF THE PROPOSED PROJECT

11.3.1. STATIONARY SOURCE ANALYSIS

Potential impacts from fossil fuel-fired equipment associated with the Proposed Project will be evaluated. The analysis will identify the location and nature of combustion sources for the Proposed Project and will assess the emissions and potential impacts from these units.

If the potential for air quality impacts are identified, an air quality modeling analysis will be performed using the EPA AERMOD dispersion model, detailed building and receptor information, and five years of meteorological data and upper air data, following applicable EPA and NYSDEC guidance. Modeled pollutant concentrations will be compared with National Ambient Air Quality Standards ("NAAQS") to determine if significant adverse air quality impacts are expected.

11.3.1.1.1. Laboratory Spill Analysis

Emissions from the Proposed Project's operations associated with the expected use of potentially hazardous materials in the proposed laboratories and emissions from the laboratory exhaust systems will be evaluated. This will include an assessment of the procedures and systems that would be employed in the proposed laboratories to ensure the safety of staff and the surrounding community in the event of a chemical spill in one of the proposed laboratories. Information will be reviewed on chemicals and storage quantities that would be expected at the proposed laboratories. Information on toxicity,

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volatility, and other relevant characteristics will be reviewed, along with active and operational control measures to minimize any potential air quality impacts.

11.3.2. MOBILE SOURCE ANALYSIS

11.3.2.1.1. Carbon Monoxide (“CO”)

Perform a screening analysis of intersections evaluated under the traffic analysis to determine the potential for significant carbon monoxide impacts and which locations may need further detailed study. Intersections will be chosen based on the procedures outlined in the NYSDOT *The Environmental Manual (“TEM”)*, or latest available NYSDOT guidance and the EPA’s *Guidelines for Modeling Carbon Monoxide Roadway Intersections*.

For intersections with a Level of Service of “D” or worse in the Build Condition, use the TEM capture criteria to determine whether intersections require further study. If any of the capture criteria are met, perform a volume threshold screening analysis at affected intersections. The intersections selected for the screening analysis will be based on the traffic network.

If any intersections do not pass the volume threshold screening criteria, a mobile source analysis would be performed using vehicular CO engine emission factors from the EPA MOVES4 model based on provided speed and vehicle mix data and the EPA AERMOD dispersion model to predict the maximum change in carbon monoxide concentrations, and to determine if the potential for exceedances of the carbon monoxide ambient standard exists at intersections near the Project Site. The area to be included in this modeling effort following EPA’s recommendations in the *Guideline for Modeling Carbon Monoxide from Roadway Intersections* (i.e., all significant mobile source emissions within 1,000 feet of the intersection of concern) will be determined.

11.3.2.1.2. Particulate Matter (“PM”)

Perform a screening analysis for PM less than 10 microns and less than 2.5 microns in diameter (“PM₁₀” and “PM_{2.5}”) from mobile sources. Based on EPA guidance regarding PM, traffic data for the intersections that would be affected by the Proposed Project, such as the Level of Service at these intersections, the increase in the number of diesel vehicles, and potential receptor locations will be considered to determine whether a refined microscale modeling analysis would be warranted for PM₁₀ and PM_{2.5}.

If the screening analysis indicates the need for a refined PM analysis, maximum predicted PM₁₀/PM_{2.5} concentrations will be determined using appropriate MOVES emission factors and applying corresponding traffic data included in the traffic analysis. Following the procedures outlined in the *Transportation Conformity Guidance for Quantitative Hot-Spot Analyses in PM_{2.5} and PM₁₀ Nonattainment and Maintenance Areas (October 2021)*, 24-hour PM₁₀ and PM_{2.5} and annual average PM_{2.5} concentrations will be determined using the EPA’s AERMOD model at simulated receptors for the critical analysis year. Using the procedures in the Transportation Conformity guidance, four peak hour periods (morning peak, midday, evening peak, and

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overnight) will be analyzed using the latest available 5-year dataset from the most representative meteorological station near the Proposed Project. Maximum predicted PM₁₀/PM_{2.5} concentrations will be compared to the NAAQS and the potential for significant adverse air quality impacts would be determined.

11.3.3. GREENHOUSE GAS EMISSIONS

Greenhouse Gas “GHG” emissions generated by the Proposed Project will be quantified for operational phase and qualitatively discussed for the construction phase. Emissions will be estimated for the analysis year and reported as carbon dioxide equivalent (CO_{2e}) metric tons per year. GHG emissions other than carbon dioxide (CO₂) will be included if they would account for a substantial portion of overall emissions, adjusted to account for the global warming potential. An assessment of the Proposed Project will also be performed to show consistency with the Statewide GHG emission limits established under the Climate Leadership and Community Protection Act (“CLCPA”).

11.4. MITIGATION MEASURES

Describe measures, if any, which will be implemented to mitigate potentially adverse impacts from the Proposed Project as identified in the analysis above.

12. NOISE

This chapter will address whether the proposed project would result in a significant increase in noise levels (particularly at sensitive land uses such as residences). This assessment will be conducted consistent with the guidance set forth in the NYSDEC policy, “Assessing and Mitigating Noise Impacts.”

12.1. INTRODUCTION AND SUMMARY OF FINDINGS

Summarize the key findings of the existing conditions analysis, the analysis of the potential impacts of the Proposed Project, and measures proposed to mitigate impacts from the Proposed Project.

12.2. EXISTING CONDITIONS

A maximum of four nearby sensitive receptor locations will be selected. Receptor locations will include locations adjacent to the proposed project area and along roadways to/from the Project Site. At each of the selected receptor locations, conduct 20-minute field measurements of existing noise levels (representative of 1-hour noise levels) during each of two weekday peak periods using a Class 1 sound level meter. Measurements will include A-weighted and 1/3-octave band equivalent and statistical levels. Where necessary, measurements will be supplemented by mathematical model results to determine an appropriate base of existing noise levels. The results of the noise measurement program will be analyzed and tabulated.

12.3.POTENTIAL IMPACTS OF THE PROPOSED PROJECT

At each receptor location identified above, determine the noise levels with the Proposed Project for the analysis years using existing noise levels, and proportional modeling techniques or other approved analysis methodologies to account for changes in traffic volumes due to the Proposed Project. It is assumed that outdoor mechanical equipment would be designed to meet applicable regulations and no detailed analysis of potential noise impacts due to outdoor mechanical equipment will be performed.

Noise levels will be determined for the full build-out analysis year using existing noise levels, acoustical fundamentals, proportional modeling techniques, and parking lot noise analysis methodology specified by the Federal Transit Administration. Compare noise levels with standards, guidelines, and other criteria, and impact evaluation.

12.4.MITIGATION MEASURES

Describe measures, if any, which will be implemented to mitigate potentially adverse impacts from the Proposed Project as identified in the analysis above.

13. HAZARDOUS MATERIALS

This chapter will focus on the specific potential impacts of the Proposed Project related to hazardous materials.

13.1.INTRODUCTION AND SUMMARY OF FINDINGS

Summarize the key findings of the Phase I Environmental Site Assessment (“ESA”) (and Phase II Investigation if one is conducted), the analysis of the potential impacts of the Proposed Project, and measures proposed to mitigate impacts from the Proposed Project.

13.2.EXISTING CONDITIONS

Using data compiled from the Phase I ESA (and Phase II investigation if one is conducted) and any other relevant information provided by the Applicant, identify potential or known locations of contamination and types of contaminants likely to be found throughout the Project Site. This will include the potential for hazardous materials or other contaminants to be present in subsurface areas where new development would occur as part of the Proposed Project.

13.3.POTENTIAL IMPACTS OF THE PROPOSED PROJECT

Identify potential impacts of the Proposed Project with respect to hazardous materials as a result of the Proposed Project, both during project construction and during the project's operation. This assessment will identify potential impacts from any excavating, drilling, or other site disturbance that may occur during construction. The assessment will also discuss applicable federal, state, and local laws and regulations related to the

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handling, storage, and management of bio-hazardous materials, radioactive materials, and other chemicals associated with the operation of the Proposed Project.

13.4.MITIGATION MEASURES

Identify and describe measures to avoid or mitigate significant adverse impacts from hazardous materials that may result from the construction or operation of the Proposed Project. Measures may include, but are not limited to, confirmation of existing contamination and preparation of a work plan and/or action plan(s) to mitigate the potential impacts during construction and future operation. Mitigation measures during construction may include dust and vapor control and the implementation of a work zone and community safety plan. Mitigation measures during facility operations may include potential engineering controls such as a vapor mitigation system (if indicated based Phase II investigation results), and a description of applicable regulatory programs that will be followed when managing the future use and storage of hazardous materials.

14. CONSTRUCTION

This chapter will focus on the specific potential impacts of the Proposed Project during the construction period.

14.1.INTRODUCTION AND SUMMARY OF FINDINGS

Summarize the major phases of construction, potential significant adverse impacts expected to result from construction, and measures proposed to mitigate those significant adverse impacts.

14.2.CONSTRUCTION SCHEDULE

Generally describe the construction schedule and timeline by phase of construction. Identify preliminary construction staging areas and areas for construction worker parking.

14.3.CONSTRUCTION PERIOD IMPACTS AND MITIGATION

14.3.1. TRAFFIC AND TRANSPORTATION

Identify temporary impacts to the traffic network resulting from construction activity. This assessment will consider increases in vehicle trips from construction workers and equipment and potential impacts from truck traffic.

Identify mitigation measures necessary to mitigate potential significant adverse impacts to traffic and transportation during the Project's construction. This will include limitations on hours of construction as well as truck routing.

14.3.2. AIR QUALITY

Qualitatively discuss potential air quality impacts from mobile source emissions from construction equipment and worker and delivery vehicles and fugitive dust emissions, and how emissions impacts will be addressed.

14.3.3. NOISE

Qualitatively discuss potential noise impacts from each phase of construction activity and describe requirements and limitations on hours of construction work as well as best management practices. This assessment will be conducted consistent with the guidance set forth in the NYSDEC policy *Assessing and Mitigating Noise Impacts*.

14.3.4. CONSTRUCTION MANAGEMENT PROTOCOL

Discuss Construction Management Protocol, including the requirements for a Construction Management Plan. Identify the key elements of the Construction Management Plan that are relevant to the Proposed Project.

15. ALTERNATIVES

SEQRA requires a description and evaluation of a range of reasonable alternatives to the Proposed Project that are viable as well as technologically and economically feasible. The description and evaluation of each alternative will be at a level of detail sufficient to permit a comparative assessment of the alternatives discussed.

This chapter will provide a narrative description of each alternative listed below. For each alternative, this chapter will evaluate the potential environmental impacts of each impact category. If the impacts of the alternative for a given environmental impact category are expected to be the same as the Proposed Project, a description of why will be provided.

15.1.NO ACTION

This alternative will assess Project Site conditions if the Proposed Project is not constructed. Under the No Action Alternative, the Project Site will remain in its current undeveloped and vacant condition. The Wadsworth Center's existing five facilities will remain at their existing locations in the Greater Albany area. The Wadsworth Center's operations will not benefit from consolidation and centralization that would provide opportunities to maximize resources in support of public health testing, research and learning opportunities within a purpose-built, state-of-the-art laboratory facility.

15.2.OTHER ALTERNATIVES

This section will describe and evaluate other alternatives while accounting for the Proposed Project's purpose and need.

16. CUMULATIVE IMPACTS

This chapter will identify and summarize the potential cumulative impacts of the Proposed Project in conjunction with other past, present, and reasonably foreseeable future actions. Under SEQRA, cumulative impacts must be assessed when actions are proposed, or can be foreseen as likely, to take place simultaneously or sequentially in a way that the combined impacts may be significant. The assessment of cumulative impacts will be limited to consideration of reasonably foreseeable impacts, not speculative ones.

As part of this assessment, DASNY will identify other projects, if any, potentially occurring within or nearby the Project Site and within a similar timeframe as the Proposed Project.

17. UNAVOIDABLE ADVERSE IMPACTS

Identify those adverse environmental impacts that cannot be avoided or adequately mitigated if the Proposed Project is implemented.

18. IRREVERSIBLE AND IRRETRIEVABLE COMMITMENTS OF RESOURCES

Identify irreversible and irretrievable commitments of environmental resources that would be associated with the Proposed Project should it be implemented.

19. GROWTH-INDUCING ASPECTS

Identify growth-inducing aspects related to the Proposed Project.

APPENDICES

Typically, certain procedural documentation, as well as technical studies summarized or referenced in the DEIS, should be provided in full in an appendix to the DEIS. Until the DEIS has been completed, however, it is not possible to determine all information that will be included in an appendix, as opposed to the body of the EIS. At this time, it is anticipated that the following would be provided as appendices to the DEIS:

- SEQRA documentation, including the list of Involved and Interested Agencies, a copy of the Environmental Assessment Form (EAF) the Positive Declaration, and the DEIS Final Scoping Document.
- Official correspondence related to the DEIS.

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- Preliminary Stormwater Pollution Prevention Plan and/or Stormwater Management Plan
- Traffic Impact Study
- Phase I Environmental Site Assessment

ISSUES NOT INCORPORATED INTO THE SCOPING DOCUMENT

Pursuant to §617.8(e)(7), the DEIS scoping document shall include a brief description of the prominent issues that were considered in the review of the environmental assessment form or raised during scoping, or both, and determined to be neither relevant nor environmentally significant or that have been adequately addressed in a prior environmental review and the reasons why those issues were not included in the final scope.

The following is a summary of certain issues raised during scoping that are not reflected in this Scoping Document.

Comment 1: Several commenters supportive of the Proposed Project recommended the Proposed Project include changes to the surrounding campus to facilitate efforts to redesign the Harriman Campus as a mixed-use, transit-oriented development. Commenters suggested changes including modifications to the Campus Access Road and traffic circulation; creating opportunities for housing, retail, and commercial mixed-use development; and connections to transit and the Patroon Creek Greenway.

Response: The Proposed Project is limited to the construction of a new, purpose-built, state-of-the-art Life Sciences Public Health Laboratory building and accessory surface parking lot to foster innovation and collaboration at the Wadsworth Center facility, and between the Wadsworth Center and outside partners, contributing to broader life sciences initiatives in the Capital Region. Changes to the Harriman Campus beyond the Project Site are outside the scope and budget of the Proposed Project and therefore have not been incorporated into the Scoping Document. Timing is also of the essence for the Proposed Project. Due to the failing infrastructure and outdated design of the Wadsworth Center's current laboratories, the Proposed Project cannot be delayed while a potential redesign of the Harriman Campus is studied, designed, funded and implemented. Further, the Applicant only controls the 27-acre Project Site; changes to the remaining 303 acres of the Harriman Campus are outside of its control. Finally, funding for the Proposed Project in the New York State budget may not be spent on unrelated projects in the Harriman Campus. Since

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the Proposed Project would only affect the Project Site, it would not preclude any future changes or alterations to the Harriman Campus as envisioned by the commenters.

Comment 2: Several commenters expressed opposition to or raised concerns about aspects of the Proposed Project's site design, including the amount of parking, the perimeter fence, and its access and circulation.

Response: These issues, while not incorporated into the Final Scoping Document, will be evaluated in the EIS and considered in the progressive design. The EIS will address the parking required for the Proposed Project as well as security needs.

Comment 3: A commenter proposed potential mitigation measures such as off-peak shift changes, use of Capital District Transportation Authority's ("CDTA") Universal Access Program, use of Capital Moves commuter website to inventory carpool and rideshare options, and a Transportation Management Association for the Proposed Project and the Harriman Campus.

Response: As noted above, mitigation measures for traffic and transportation systems, including travel demand management strategies, would be identified based on the results of the traffic and transportation analyses in the EIS, as necessary.

Comment 4: A commenter stated the collection of bicycle and pedestrian use data along with traffic counts would be useful.

Response: Pedestrian crosswalk volumes and bicycle counts will be collected at select study intersections, as appropriate.

Comment 5: A commenter stated that the lead agency should consider conducting a multimodal Level of Service (LOS) analysis and/or bicycle Level of Service analysis.

Response: These analyses have not been incorporated into the Scoping Document because the Proposed Project is not expected to generate a substantial number of transit, pedestrian, or bicycle trips, and therefore a multimodal and/or bicycle Level of Service analysis is not warranted.

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Comment 6: Commenters identified planned changes to the street network in the vicinity of the Project Site, including improvements on Washington Avenue from Brevator Street to Manning Boulevard and the planned redesign of Brevator Street from Washington Avenue to Western Avenue.

Response: As discussed under “10. Transportation” above, significant planned improvements in the transportation network will be identified and incorporated, where applicable, into the analysis models.

Comment 7: A commenter raised concerns about construction-period traffic and recommended that shuttle bus systems, remote parking for contractors, and time of day restrictions for construction equipment and materials delivery be considered in the Construction Management Plan.

Response: As noted above, mitigation measures necessary to address potential significant adverse impacts to traffic and transportation during the Project’s construction will be identified in the EIS. The Construction Management Plan will be developed as the design and environmental review processes move forward.

Comment 8: A commenter suggested outreach to the neighborhood associations of the neighborhoods surrounding the Project Site.

Response: The project sponsor intends to continue outreach to the community. There will also be additional opportunities for the public to participate in the SEQRA process when the DEIS is publicly noticed for comment.

✱

APPENDIX A
PUBLIC COMMENTS ON THE DRAFT SCOPING DOCUMENT

ELECTED OFFICIALS

From: [Ginnie Farrell](#)
To: [LSPHLComments](#)
Cc: [Ginnie Farrell](#)
Subject: SEQRA Feedback Wadsworth Center Labs
Date: Monday, April 15, 2024 10:46:05 PM

EXTERNAL EMAIL: Use caution before opening links / attachments.

Robert S. Derico
Dormitory Authority of the State of New York (DASNY)
515 Broadway
Albany, NY 12207-2964

Dear Mr. Derico,

Thank you for the opportunity to comment on the SEQRA process for Wadsworth Center Labs' building project. We are so happy to have the combined labs' new home in the City of Albany and look forward to the benefits for both public health and the neighborhood.

There is a history in Albany of state buildings that do not integrate the surrounding neighborhoods and were designed and built to separate the buildings from the community. This has created holes in many neighborhoods that have negatively impacted communities.

Building a fence around Wadsworth Center Labs and not putting a focus on walkability and bicycle and pedestrian infrastructure does not integrate the surrounding neighborhoods, following the mistakes made in the past, instead of working to change that alienating mindset. This neighborhood fought to bring the labs together in one place here, because we believed in public health and hoped to have a potential solution to the giant hole that is the State Office Campus. We believed that an organization with a focus on public health would be welcoming to the public, a catalyst to overhauling the State Office Campus to a mixed-use place that would bring more housing, retail and other small businesses that would be integrated into our neighborhood. A fence and increased parking does not do this.

Please do not repeat the poor design choices of the past that hurt the City that we both call home. We fought to be your neighbor, we hope that you will design labs that further public health and are an integrated part of our neighborhood.

Thank you for your consideration and work on this important project.

Sincerely,

Ginnie

Ginnie Farrell
Majority Leader
Albany Common Council

--

Ginnie Farrell



AGENCIES

From: [Sandy M](#)
To: [LSPHLComments](#)
Subject: Draft Scoping Document Comments
Date: Sunday, April 14, 2024 9:56:23 PM
Attachments: [image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)

EXTERNAL EMAIL: Use caution before opening links / attachments.

As the Executive Director of the Capital Region Transportation Council (Transportation Council), formerly the Capital District Transportation Committee (CDTC), the designated Metropolitan Planning Organization (MPO) for New York's Capital Region, I'd like to submit the following comments on the Draft Scoping Report for the proposed Life Sciences and Public Health Lab at the Harriman State Office Campus.

- As a general principle, consideration should be given to the overall design of the site. Planning studies, including the 2007 Harriman Campus – University at Albany Transportation Linkage Study, the City of Albany's Comprehensive Plan, and the Harriman Campus Master Development Plan, and community sentiment have sought to rethink the 1960's, auto oriented design of the campus to become a mixed use, walkable, and bikeable urban center, one that connects to the surrounding neighborhoods. A single laboratory building surrounded by 930 parking spaces is not in keeping with these planning efforts, nor community desires.
- The transportation concepts contained in the [2007 Harriman Campus – University at Albany Transportation Linkage Study](#) deserve particular attention in the scoping report and that plan should be referenced on page 13, section 3.2.1. In addition, the [2016 City of Albany Complete Streets Policy & Design Manual](#) and the [2019 Washington Avenue - Patroon Creek Corridor Study](#) should also be referenced.
https://www.capitalmpo.org/images/linkage_program/AlbCoFinal/albanyCSPolicyandDesignManual_Final.pdf.
- Regarding Chapter 10: Traffic and Transportation, consider the following:
 - In the assessment of the project, it would be helpful if the report compared the number of employees on-site before the project, meaning at the existing five labs, and after the project with all employees consolidate into the proposed single lab. If the number of employees at the new site is much higher, there is a great deal of benefit to consider using off-peak shift changes to reduce peak hour traffic.
 - Collection of bicycle and pedestrian use data along with the proposed traffic counts would be very useful.
 - Similarly, consideration should be given to expanding the level of service (LOS) analysis to include a multimodal LOS and/or bicycle LOS analysis. The Washington Ave Patroon Creek Corridor Study did a bicycle LOS analysis for the study area that includes the portion of Washington Ave adjacent to the Harriman State Campus.
 - Consider locating the building or the building entrance to be as close as possible to the CDTA transit system on the south side of Harriman Campus. Coordinate with CDTA on the location of a Transit Station for Campus employees.
 - Considering an assessment of "Rightsizing" or realigning the Campus Access Roads around the project site to create a set of city blocks as proposed in the Harriman Campus – University at Albany Transportation Linkage Study to better integrate this part of the Harriman Campus into the City's street network and create more of an urban environment. This would also make the new building more accessible for pedestrians and bicyclists from the surrounding neighborhoods, reducing the demand for parking.
 - The design of the Campus ring roads and access roads should also include enhanced pedestrian connections as pedestrians would need to cross three travel

lanes as currently designed. Traffic calming given the current design of the roadways should also be considered.

- o The project site design could also consider reserve land for a future connection to the planned Patroon Creek Greenway just north of I-90 not far from the study area by using the excess capacity on the I-90 ramps for a dedicated pathway. Consideration could also be given to converting one of the OGS owned bridges over Washington Avenue from a vehicular only access to a pedestrian only bridge.
- o Planned improvements on Washington Avenue from Brevator Street to Manning Boulevard should be factored into the study along with the planned redesign of Brevator Street from Washington Avenue to Western Avenue.
- o Other projects in the Capital Region at the scale of the proposed lab often have significant traffic impacts during construction because of numerous contractors, construction vehicles and others accessing the site. This period can often be more disruptive than when the site is in operation. Shuttle bus systems, remote parking for contractors, and time of day restrictions for construction equipment and materials delivery should be considered as part of the Construction Management Plan.
- o As potential mitigation measures, CDTA's Universal Access program should be considered for all employees, carpooling, ridesharing and other transportation options catalogued on the [Capital Moves](#) commuter website should also be promoted to employees. Finally, a Transportation Management Association for the facility and the entire Harriman State Office Campus should be explored.

Thank you for the opportunity to comment. If you have any questions do not hesitate to contact me.

Sincerely,
Sandy Misiewicz

Sandra Misiewicz, AICP (she/her)
EXECUTIVE DIRECTOR



Formerly known as
the Capital District
Transportation
Committee

1 Park Place, Suite 101
Albany, NY 12205-2676
[518.458.2161](tel:518.458.2161)
smisiewicz@capitalmpo.org
capitalmpo.org



GENERAL PUBLIC

From: [Gloria Russo](#)
To: [LSPHLCComments](#)
Subject: comment to public meeting on 3/26/24
Date: Tuesday, March 26, 2024 7:36:33 PM

EXTERNAL EMAIL: Use caution before opening links / attachments.

I would like the new Wadsworth Laboratory to reflect Assembly Member Pat Fahey's comments to use the construction of the new lab to rethink the outdated 1960s - 1970s car centric format of the Harriman Campus by integrating the entire Harriman Campus with the City of Albany to have mixed development, including housing, commercial shops/restaurants and open space with plenty of sidewalks to walk through the campus and to easily enter and exit the campus. Currently, the campus exists in isolation from the surrounding neighborhoods and it does not feel welcoming to enter the campus. It just feels like a mouse maze of entrance and exit ramps for cars.

Yours truly,

Gloria Russo



Public Scoping Hearing Comment Card

Name: _____

Affiliation: _____

Address: _____

Email: _____

COMMENT: Please reconsider the design of the site to better integrate the lab with the city and its surroundings. ~~by removing existing a more~~ Amore urban design with less parking, more walking, biking, and transit connections for lab workers will not only help attract talent but will support a more vibrant Albany.



New York State Life Sciences Public Health Laboratory (LSPHL) Wadsworth Center, New York State Department of Health

Reconsider the 2002 Wadsworth Campus Redevelopment Plan

Written comments and electronically mailed comments on the Draft Scoping Document may be sent to DASNY at: LSPHLCComments@DASNY.org and will be accepted until April 15, 2024. For more information about the project and background documents, please visit <https://www.dasny.org/node/164824>

From: [REDACTED]
To: [LSPHLComments](#)
Subject: Life Sciences Public Health Laboratory
Date: Thursday, April 4, 2024 5:07:46 PM

EXTERNAL EMAIL: Use caution before opening links / attachments.

Dear Sir or Madam,

Thank you for holding your public meeting last week, which my wife and I attended. We are neighbors, live about a block and a half from the Harriman Campus, and are very familiar with the Campus. We walk through there, drive on the ring roads, and pick up grandkids at the daycare center. Two of our children work there. We think the campus is a great place for the new lab and would really like to see it become part of the neighborhood and not totally isolated from it.

I have a few comments:

1. There is no need for a fence surrounding the lab. In the entire campus the only fence surrounding a building is the large imposing fence protecting the power plant. Even the new ETEC Building and the State Police Academy and their Forensic Lab do not have fences. The low proposed fence will not provide security, and there is no need to mark the property boundaries as suggested at the meeting.
2. Reduce the amount of surface parking and encourage other modes of transportation. Obviously, all this surface parking takes up valuable space which can be used for other more productive purposes, but it also encourages employees to drive. Walking, bicycling, and transit are all viable modes of transportation for this new lab, and the infrastructure is already there. In the case of transit, CDTA is planning to build a Purple Line stop within a few feet of the new lab, and the City's new Brevator Street Rehabilitation Project this year will make walking and bicycling even easier. Climate change is upon us and as a State agency you should be leading the way, not making things worse.
3. Communicate better with your neighbors. The neighborhoods surrounding the Campus all have active neighborhood associations, which have regular meetings and can be used to disseminate information to their members. Contact information for all these associations can be found at <https://www.albanyny.gov/689/Albany-Neighborhoods>.

Thank you for your consideration.

Michael Franchini

From: [Tim Cooney](#)
To: [LSPHILComments](#)
Subject: Public meeting follow up
Date: Thursday, April 11, 2024 3:17:52 PM

EXTERNAL EMAIL: Use caution before opening links / attachments.

Hi!

I was present and commented during the public meeting on 3/26 but I'm following up here with additional comments after reflecting on some concerns raised by others during the meeting.

I'm struggling to understand why some of our local elected officials are so fired up about the proposed parking lot and fence. I also did not hear any of the politicians recommend alternative solutions to these auxiliary project features. These officials made it seem like they were speaking for the community, but as a member of the Melrose neighborhood association, I know that they do not speak for me, nor all members of my community.

As a homeowner who has direct line of sight from my front steps and windows to the future site of Wadsworth lab, I'd like to commend the design team on their proposal. The parking lot renderings look about as modern as parking lots can be, blending necessity with environmentally conscious green space. I don't remember seeing mock-ups of the proposed fencing around the property but my one ask (which is the same ask as my public comment) is to make sure the fence is aesthetically pleasing and blends into the surrounding landscape as much as possible.

Let's stop arguing over parking and fences and get to work.

Thank you for your time,

Tim Cooney



From: [Pat Doyle](#)
To: [LSPHLComments](#)
Subject: Wadsworth move to Harriman Campus
Date: Friday, April 12, 2024 11:32:07 AM

EXTERNAL EMAIL: Use caution before opening links / attachments.

Good morning,

I am a resident of the Melrose neighborhood, located across Brevator Street from the proposed site.

I wish to express my opposition to the plan for a fence around the building and request that you choose a less unsightly barrier such as tall shrubs which would not be visible from the neighborhood.

If federal or state regulations require a fence, please consider putting trees/tall shrubs outside the fence to obscure the view.

I was unable to attend the meeting at St. Rose, so I did not hear the justification for so many parking spaces. With the completion of CDTA's purple line, the need for so much onsite parking should be minimized.

Please re-consider this and limit the number of spaces.

Thank you for your consideration.

Patricia A. Doyle

[REDACTED]

[REDACTED]

DASNY Wadsworth Scoping Comment

Connor Lacefield [REDACTED]

Thu 4/18/2024 3:20 PM

To: Connor Lacefield [REDACTED]

From: Margaret Lanoue [REDACTED]

Sent: Wednesday, April 17, 2024 1:02 PM

To: LSPHLComments [REDACTED]

Cc: [REDACTED]; Ginnie Farrell [REDACTED]; Marc Violette [REDACTED]

Subject: comment regarding Wadsworth and Harriman

EXTERNAL EMAIL: Use caution before opening links / attachments.

I've been reworking my thoughts which amplify my comments at the public meeting at St. Rose. I apologize that the text is late. I hope it can still be considered.

The design proposed for the new Wadsworth Lab on the Harriman State Office Campus is elegant. I applaud the work of the architects in creatively responding to the need to bring together separate public health labs under one roof. This development provides an opportunity to bring the 1960s era campus into the twenty-first century which should not be squandered.

I am very sympathetic with the position of Assemblywoman Pat Fahy who worked hard to keep this important lab in Albany. Her colleagues, Assemblyman John McDonald and Senator Breslin strongly supported this effort as well.

I grew up watching the Harriman buildings going up. At one time there were streets laid out in the area between Brevator Street and what was once the Albany Country Club, now the University at Albany. My father and his brother purchased lots for their homes in the late 1940s adjacent to what became the State Office Campus. At the time it must have looked to them like the city's residential neighborhood would extend up to the former country club. It appeared on maps that Tremont Street and Tudor Road would criss-cross the open field. My father knew of this land. During World War II, he rode a trolley between Pine Hills to GE in Schenectady that cut right through this open land. It must have looked to him like this was the way Albany was going to grow.

It is possible that at some point he had an inkling that offices could be going up in that space. He may have envisioned office buildings with businesses and housing together. I suspect that in the late 1940s he couldn't have imagined the development of the highway system catering to the car culture and the growth of the suburbs in the 1950s and 1960s.

While building our house, my dad couldn't have imagined the number of roads that now run between our house and the Campus. There are four concrete lanes of Brevator Street, three lanes of access road in one direction, four lanes of route 85 and three more lanes of access roads in the other direction. All together there are 14 lanes in about 200 yards. Drivers treat these roads as if they were superhighways. Get in and get out as fast as you can.

This house has been my permanent address for my entire life. I returned to it in the 1990s. In the early 2000s there was a lot of talk about what goes into creating a vibrant city. Humanizing the campus space has been on the agenda for a long time. What happened to that? We attended numerous meetings when input was requested regarding what could be done to make the Campus a more inviting space. There was talk of mixing housing and businesses into the Campus some of these plans.

Albany has been working on a plan to make the city more bicycle and pedestrian friendly. It appears that the designers of the new Wadsworth Lab were not charged with imagining a new concept about how the lab would enhance the city of Albany as a whole. Their images show the building on the same footprint in a circumscribed campus with access mainly onto highways out of town. Somehow, CDTA was in on planning enough to re-route a bridge to accommodate an electric bus line into the campus. This was a good start to make the Campus more sustainable in the era of climate change.

This is time that the City of Albany and New York State should be having a discussion as to how to bring the Campus into the 21st Century. One of the representatives at the public meeting was concerned about the quality of life issue. He said that at the Research Triangle in North Carolina, scientists were constantly being poached by other facilities. If we want to keep the professional workforce in Albany and help the city become more vital, this is the time to act. This project looks like a once-in-several generations opportunity to make significant change.

In the meantime, when the State workers go home in the evenings and weekends, the campus becomes an empty space for neighbors to ride their bikes, run and walk their dogs. No one else is around. So much property in Albany is given over to tax-exempt entities that the growth within the city limits has been stymied. Shouldn't this enormous tract of land be more heavily used? Doesn't the city deserve something more from this \$1.7 billion project than one more building surrounded by highways? Haven't we seen enough of this on both ends of the city?

Margaret Lanoue
[REDACTED]
[REDACTED]
[REDACTED]



Connor Lacefield
Vice President
[REDACTED]
[REDACTED]

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TRANSCRIPT

3/26/2024 - New York State L.S.P.H.L. - Albany, N.Y.

DORMITORY AUTHORITY

THE STATE OF NEW YORK

The Proposed Action consists of DASNY's approval of a construction application filed pursuant to Section 2802 of the Public Health Law that would centralize and consolidate NYSDOH's existing operations of the Wadsworth Center. The New York State Life Sciences Public Health Laboratory project would redevelop a vacant, 27-acre site on the southeastern portion of the Harriman Campus with a new, four-story building, 647,000 gross square feet and include a surface parking lot with 930 parking spaces. The proposed Project would maximize resources for public health testing and research collaborations within a purpose-built, state-of-the-art laboratory facility.

PUBLIC SCOPING MEETING

DATE: March 26, 2024 at 6:30 p.m.

LOCATION: The College of St. Rose

1009 Madison Avenue

Albany, New York

BEFORE: ROBERT S. DERICO, Director of
Environmental Affairs

Reported by Annette Lainson

1 3/26/2024 - New York State L.S.P.H.L. - Albany, N.Y.

2 (The meeting commenced at 6:30 p.m.)

3 MR. DERICO: Good evening, everyone
4 and thank you for attending today's public meeting
5 and virtual (unintelligible).

6 UNIDENTIFIED SPEAKER: I'm sorry, we
7 can't hear you.

8 MR. DERICO: I'm sorry. On behalf of
9 the Dormitory Authority of the State of New York, or
10 DASNY, and New York State Department of Health, I
11 would like to welcome you this evening to the scoping
12 meeting. My name is Bob Derico, and I'm the Director
13 of the Office of Environmental Affairs at DASNY, as
14 well as its agency preservation model. DASNY has
15 been requested and has been established as the new
16 agency for the proposed project and to be overseeing
17 the State Environmental Quality Review, or SEQR,
18 environmental impact statement or E.I.S. process.
19 This scoping meeting is a component of the E.I.S.
20 process conducted for the Wadsworth Center's proposed
21 Life Sciences Public Health Laboratory.

22 Tonight, we'll be providing an
23 overview of the Wadsworth Center, its purpose and
24 need for consolidate facility, and the important work
25 it undertakes for the citizens of New York State. We

1 3/26/2024 - New York State L.S.P.H.L. - Albany, N.Y.
2 will also be guided on the preliminary design
3 (unintelligible) and its location is in the
4 (unintelligible). Following the architectural
5 presentation, we'll be providing the next steps in
6 the SEQR, E.I.S. process. Once these presentations
7 have concluded, we'll provide guidance for conduct
8 and open the floor for the public scoping meeting.
9 At this time, I'd like to introduce the moderator for
10 this evening -- for this evening public hearing Ms.
11 Nora Madonick C.E.O. and lead strategist for Arch
12 Street Communications, DASNY's consultant aiding in
13 the production of tonight's meeting. Nora.

14 MS. BENENATI: Thank you, Bob. I just
15 want to check; can everybody hear me?

16 UNIDENTIFIED SPEAKER: Yes.

17 MS. BENENATI: We good? Great. Thank
18 you for joining us tonight for today's public meeting
19 on -- the public scoping meeting on the New York
20 State Department of Health Wadsworth Center Life
21 Sciences Public Health Laboratory, also known as
22 L.S.P.H.L. Before we get started tonight, I want to
23 review a couple safety considerations and the goals
24 board. So, please take a look at the emergency exits
25 behind you and to your left and your right. The

1 3/26/2024 - New York State L.S.P.H.L. - Albany, N.Y.
2 restrooms are located, my left for the women, to my
3 right for the men. This public scoping meeting for
4 the proposed New York State Department of Health
5 Science -- Health Life Sciences Public Health Lab is
6 part of the required state environmental quality
7 review or SEQR process. At tonight's hearing, the
8 public is invited to provide input on topics to be
9 covered in the environmental impact state, also known
10 as E.I.S., regarding potential construction and
11 operational impacts of the project.

12 These comments will be considered in
13 the development of the E.I.S., which is expected to
14 be published for public comment later in 9/10/2024.
15 Today's meeting is also being live streamed via Zoom,
16 offering those unable to attend in person the
17 opportunity to participate. The presentation and
18 presentation slides that you'll see will be available
19 online after the event for your review, and a
20 stenographer is making a record of any verbal
21 comments we receive tonight. We'll open tonight's
22 meeting with a thirty-minute presentation on the
23 project offered by a panel of esteemed members of the
24 project team. I'd like to introduce the presenters
25 here with us tonight.

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2 You've heard from Mr. Robert Derico,
3 Director Office of Environmental Affairs at the
4 Dormitory Authority of the State of New York, also
5 known as DASNY, Bob has been completing SEQR reviews
6 on behalf of DASNY since his hire in 1999 and became
7 director of the unit in 2019. Over his twenty-four-
8 year career at DASNY, he's been involved in some of
9 its larger projects, completing reviews for conflict
10 projects for DASNY's wide-range compliance, including
11 those in healthcare, private and public, higher
12 education institutions, and various New York State
13 agencies. He's a licensed New York State architect
14 and previously worked for various architectural firms
15 in the Capital District.

16 Dr. Leonard F. Peruski is Director of
17 The Wadsworth Center. The research-intensive Public
18 Health Laboratory of the New York State Department of
19 Health, and one of the oldest and most renowned
20 public health research laboratories in the world.
21 Over his thirty-year career, Dr. Peruski has
22 developed and implemented programs, including
23 developing a sustainable laboratory capacity and
24 guided laboratory centric public health research in
25 over seventy countries, addressing critical needs and

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2 gaps for populations and communities. His work
3 strengthened and codified laboratory leadership,
4 fostering the next generation of public health
5 scientists, laboratory-based detections, and
6 surveillance of diseases of public health concern and
7 translation of basic research into clinical and
8 public health practice.

9 He assumed the leadership of the
10 Wadsworth Center in May, 2023, coming from an
11 extensive career at the U.S. Centers for Disease
12 Control Prevention, also known as the C.D.C. Dr.
13 Peruski will describe the history, purpose, and need
14 for the lab. Mr. David Schwartz, A.I.A. and lead
15 A.P. as H.O.K.'s Regional Leader for Science and
16 Technology in New York. David brings a unique
17 perspective to the design of public health
18 facilities. He has a strong understanding of science
19 and how to optimize space to foster transformational
20 research and development. David has expertise in
21 every phase of the science and technology project
22 delivery process and concept development through
23 regulatory approvals and occupancy. His experience
24 includes projects for leading regional institutions,
25 including the State University of New York, New

1 3/26/2024 - New York State L.S.P.H.L. - Albany, N.Y.
2 Jersey Public Health, Rhode Island Public Health,
3 Mount Sinai Health Systems, Memorial Sloan Kettering,
4 Rutgers University, and Penn State University.

5 David will describe his site and
6 building design plans. Mr. Matthew A. Stanley,
7 A.I.C.P., is a senior environmental manager for
8 DASNY. He has over twenty-five years of environmental
9 field experience with New York state agencies,
10 including DASNY, Empire State Development, and the
11 Department of Transportation. His major projects
12 include Stony Brook University Medical and Research
13 Translation building, Bronx Mental Health
14 Redevelopment, St. John's University called Sciences
15 Center, and Fordham University Rose Hill Campus
16 Center, as well as the archeological sensitive Staten
17 Island Courthouse Construction Project -- Project.
18 Now we'll provide a description of the SEQR E.I.S.
19 scoping process.

20 After the presentation, we'll open the
21 floor for any comments or feedback until 8: 30. The
22 purpose of tonight's meeting is to hear and record
23 your comments and not to discuss topics, respond to
24 comments, or answer questions. I'll go over the
25 comment process, following the presentation, and now

1 3/26/2024 - New York State L.S.P.H.L. - Albany, N.Y.
2 will pass the mic to Dr. Peruski to start the
3 presentation.

4 MR. PERUSKI: Let me get my clumsy
5 feet out of here. Thank you for coming tonight. My
6 name is Len. I don't go by Dr. Peruski. I tend to
7 be pretty informal. It's just easier that way, and
8 I'm very proud to be here to represent the Wadsworth
9 Center. And the Wadsworth Center, some of you may
10 know goes back to 1901. It was among the first
11 public health institutions, not just in the United
12 States, but in the world. This is something the
13 State and all of you that are part of this State, the
14 public can be proud of. And over that history, since
15 1901, Wadsworth Center has been at the forefront of
16 public health. Hog antitoxins were developed here.
17 Regulatory programs were implemented here for the
18 first time in the State of New York through Wadsworth
19 Center. That's pretty amazing, to think about the
20 F.D.A.

21 Wadsworth has been doing things a lot
22 longer than the F.D.A. That's a tribute to the State
23 of New York. We have been at the forefront on many
24 things. Other aspects that we have here, we are a
25 national reference laboratory. We serve the State of

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2 New York, but the rest of the country looks to the
3 Wadsworth center to say how to do things, how to do
4 them right. So again, this is a tribute to the
5 public, which is what Wadsworth serves. So looking
6 back at that history a little bit, why do we need a
7 new laboratory? It's pretty simple. We have
8 facilities that are about ninety years old in some
9 instances. So, if you go off the group of
10 laboratories, which is out (unintelligible) its
11 beautiful, fantastic site, but the buildings are old,
12 they can't be upgraded anymore; they need to be
13 replaced.

14 If you look at the most recent
15 building, it's thirty years old, David Axelrod
16 Institute. When I was given my tour of the David
17 Axelrod Institute, when I was being recruited, one of
18 the water pipes burst, right over an electrical
19 circuit, shut the building down. That's not what we
20 want in a public health laboratory. Currently, we're
21 scattered across five sites. This makes it difficult
22 for the scientists to work together, makes it
23 difficult for the public to work with us. We have an
24 active program. Dr. April Davis is around here
25 somewhere, I believe, and she is right from the back.

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2 April, heads up a remarkable ratings program we have
3 here and brings in things.

4 People drop things off all the time --
5 out at, out at the Griffin Laboratory. And that lets
6 the public find out what's going on in terms of
7 rabies. I've watched people die of rabies over my
8 career. It's not a pleasant sight. It's basically
9 an incurable disease. But this highlights the
10 importance of what your public laboratory does every
11 day. So, we're scattered in five campuses. We're
12 eight hundred strong. We need to be on a single
13 campus. That's key. This has been twenty years in
14 the making. We have a chance for one time to do
15 something transformational, which is critical. So,
16 that's what I'm coming to you is to give a little bit
17 of the history and the needs statement.

18 So, what's going to end up happening
19 over the next several years, we will build a new
20 laboratory structure. That laboratory structure is
21 going to take time. It's going to take a lot of
22 effort to get it right. We want it to last for
23 another fifty-seven years. We want this to be a good
24 investment, and so the key thing here is for us to be
25 transparent and for you, the public, to feel you have

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2 a part on this process. You're going to see
3 schematics, designs, and perspectives on the
4 laboratory. These are conceptual, they're not final
5 projects -- products yet, but we're getting close.
6 We want you to feel comfortable commenting on this.
7 Because again, Wadsworth is one of the oldest and
8 most distinguished public health laboratories in the
9 world. You're the public; this laboratory is here
10 for you. So, thank you.

11 MR. SCHWARTZ: Thank you, Len. So,
12 I'm just going to give a -- a brief presentation --
13 how's that?

14 UNIDENTIFIED SPEAKER: Get a little
15 closer. Yep.

16 MR. SCHWARTZ: How's that? All right,
17 so I'm going to give a brief presentation of where we
18 are. I want to reiterate, this is conceptual. We
19 have a lot of design to do, so you can see things
20 that look complete. We're just starting. This is my
21 agenda. We're going to walk you through the site
22 context, some planning, and then the building design
23 as it exists today. So, I thought I would start with
24 the Wadsworth mission statement. I think it's --
25 it's an amazing institution. Wadsworth Center is a

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2 science-based community committed to protecting and
3 improving the health of New Yorkers through
4 laboratory analysis, investigations, and research, as
5 well as laboratory certification and educational
6 programs.

7 This is a -- a -- quite a unique
8 institution. We have our own sort of touchstones
9 that we'd like to -- to go back to as we do this
10 process. One of them is we -- as -- as Len said, a
11 fifty-seven-year project. We need to be able to
12 design for change. So, that's one of the goals of
13 this project. There are five different sites coming
14 under one. We want to create a scientific community.
15 It's also very important. Wellness is hugely
16 important. We have to meet the state's goal of E.O.
17 22. We also want to make a nice place for the
18 employees of Wadsworth. So, these are three of the
19 current Wadsworth campuses: there's Griffin, David
20 Axelrod, and Biggs in the Empire State Plaza. You
21 can see in the center there, we're coming all
22 together into one location on the Albany campus,
23 which is shown in the red.

24 And then this is a blow up of that
25 campus, the southern end, southern end of the plan.

1 3/26/2024 - New York State L.S.P.H.L. - Albany, N.Y.
2 You can see some of the adjacent buildings there
3 through the laboratory building. Building five, the
4 taxation department taxation, and you can see on the
5 bottom there, that is the new footprint of this
6 building. I would point out that the parking lot has
7 to talk about. We are proposing nine hundred and
8 thirty parking spaces on this site, which is actually
9 a reduction. There is currently one thousand six
10 hundred and ninety-five parking spots. It's a
11 reduction of seven hundred and sixty-five. And just
12 for some context the city -- city of Albany code
13 requires somewhere between nine hundred and fifty-
14 five and a thousand ninety-one for a laboratory use.
15 So, we are decreasing the amount of parking per code.

16 This is the site plan in red is
17 actually the property line. And then you'll see
18 there's a fifty-foot step back in blue on perimeter
19 of the site. And this is the access to the site. As
20 you can see, there's a campus access road. The red
21 lines show access for deliveries, maintenance, and
22 then visitors and staff enter the -- where the blue
23 lines are located. And we're trying to create a
24 separation between those two. And then this is just
25 for safety, fire department and E.M.T. access, pass

1 3/26/2024 - New York State L.S.P.H.L. - Albany, N.Y.
2 around the building to safely protect the building
3 and its occupants. And then this is a rendered
4 version of the site plan. Notice it says illustrated
5 purposes only. We are trying to infuse the site with
6 as much greenery as possible.

7 We're trying to reduce the heat dial
8 effect to the parking lot by adding greenery into the
9 parking lot. On the left side of the plan, you'll
10 see a -- a detention pond for water runoff. And we
11 also see some planting on roofs. So, we are trying
12 to beautify the site as much as possible. We spent a
13 lot of time working with Wadsworth on the planning of
14 this building, but the building is six hundred and
15 forty-seven thousand square feet. It comprises five
16 -- four floors of laboratories and offices. And one
17 story of accountable penthouse on the top. So it's a
18 five-story building. The ground floor is
19 approximately a hundred and say sixty thousand square
20 feet, which has a warehouse utility plan. The
21 functions necessary for a public health lab.

22 And then this is just a typical
23 planning diagram conceptual, we're trying to achieve
24 in this building, the opportunity to bring five
25 disparate buildings together. Number one, we're

1 3/26/2024 - New York State L.S.P.H.L. - Albany, N.Y.
2 trying to create a place for these people, as I
3 mentioned before, create community. The green is the
4 laboratory space. We're trying to get daylight for
5 all the laboratories. The blue is where they
6 actually work and write up. So, there's a
7 relationship between when they do some down work, and
8 they go into the laboratory. And then the yellow
9 lines are what we're trying to cross pollinate within
10 the building. So, we want researchers to meet, work
11 together, and create a whole greater than the parts.

12 And -- and now for the building
13 design. So again, this conceptual this is a view
14 from just off campus access road, looking at the
15 building. You can see the parking lot on the
16 foreground. The building is comprised, as of now,
17 with metal and glass. So, those are the prime
18 materials for the building.

19 This is a straight on elevation along
20 the campus access road east elevation. And you can
21 see again the materials. We're trying to break down
22 the scale a little bit as you get closer to the front
23 door of the building. And then this is an elevation
24 on the west side. We'll see this is on the bottom.
25 There is precast panels, which is in front of all the

1 3/26/2024 - New York State L.S.P.H.L. - Albany, N.Y.
2 mechanical plan and everything else.

3 And finally, an elevation on the north
4 side of the loading dock. You can see a little bit
5 of the greenery on the roof. And then a bird's eye
6 view of the building, you can see in the foreground
7 is the entrance to the building. And you can see the
8 surface site. Then finally back to the -- the view
9 off the campus access road will be imposed the sign
10 between Wadsworth Center on that.

11 MS. BENENATI: Thank you. Matt
12 Stanley is going to take us through the SEQR process.

13 MR. STANLEY: Thank you, Nora. So,
14 here's the summary of the SEQR milestones in chief
15 and key documents issued by DASNY to date. On
16 February 1st, 2024, DASNY formally commenced the SEQR
17 process by issuing its lead agency request and
18 environmental assessment for R-1 to the involved
19 agencies and interested parties. There being no
20 objections, DASNY assumed lead agency status for the
21 SEQR review on March 4th, 2024. On March 6th, DASNY
22 issued the following series of documents: positive
23 declaration, notice of intent to prepare a draft
24 environmental impact statement, draft scoping
25 document and notice of a public scoping meeting.

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2 Also on March 6, public notice of these documents was
3 published in the Albany Times Union, Schenectady
4 Daily Gazette, and the Environmental Notice Bulletin
5 of the New York State Department of Environment
6 Conservation.

7 All SEQR documents issued by DASNY to
8 date are available on our website. The address is
9 www.dasny.org/Wadsworth-lab. Hard copies of these
10 documents are available for public review at the Pine
11 Hills Branch of the Albany Public Library, 517
12 Western Avenue, Albany. That brings us to tonight's
13 public scoping meeting. Looking forward, and that's
14 the slide you can see above, there are several SEQR
15 milestones and key documents that DASNY anticipates
16 issuing as the SEQR process advances. Written
17 comments on the draft scoping document will be
18 received until April 15th of 2024. Comments may be
19 sent to DASNY at the following e-mail address,
20 lsphlcomments@dasny.org. I'll repeat that. You can
21 see on your screen that it's lsphlcomments@dasny.org.
22 Written comments may also be sent via regular mail to
23 Dormitory Authority of the State of New York, 515
24 Broadway, Albany, New York, 12207-2964, attention
25 Robert S. Derico.

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2 You may also comment this evening on
3 using these comment cards, which you may fill out and
4 then hand them to any member of our staff tonight.
5 Please note that all comments are given equal weight,
6 whether they're given orally tonight, via e-mail,
7 regular mail, or the comment cards. DASNY will issue
8 a final scoping document -- DASNY will issue a final
9 scoping document in late April of 2024 following the
10 review, all relevant comments received and then DASNY
11 will prepare the draft environmental impact statement
12 or draft E.I.S.

13 DASNY will issue a notice of
14 completion when the draft E.I.S. is written for
15 public review you. This is anticipated in late
16 summer, early fall of 2024. DASNY plans to hold a
17 public hearing similar to tonight's function to allow
18 all law agencies and interested parties, including
19 members of the public, an opportunity to comment on
20 the draft D.I.S. Notice of that public hearing will
21 be published in the Albany Times Union, Schenectady
22 Daily Gazette, and the Environmental Notice Bulletin.
23 Comments on the draft D.I.S. will be received by
24 DASNY considered by DASNY for no less than thirty
25 calendar days following the issuance of the notice of

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2 completion, or no less than ten calendar days filed
3 in a public hearing, whichever is later.

4 DASNY will then review and incorporate
5 relevant comments and make a final environmental
6 impact statement. Similar to the draft E.I.S., we
7 will issue a notice of completion of the final E.I.S.
8 is ready for public review anticipated in late 2024.

9 Following the completion of the final
10 E.I.S., DASNY will issue a SEQR finding statement.
11 The finding statement will describe the basis of
12 DASNY's final decision on the proposed project. It
13 is anticipated that the final statement will be
14 issued several weeks after the final E.I.S. and the
15 issuance of the final statement will signal the
16 completion of the environmental review process for
17 the proposed project.

18 There are three ways that members of
19 the public may view upcoming documents and notices.
20 First, as I said, on the DASNY website at the Pine
21 Hills Branch of the Albany Public Library, or via e-
22 mail. And if you would like to receive upcoming
23 notices and documents you may sign up on the DASNY
24 website using the e-mail address
25 lsphlconference@DASNYorg. Thank you.

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2 MS. BENENATI: So, we're going to

3 start the public comment portion of our meeting. If

4 you have not yet registered and you would like to

5 speak, please see someone at the registration table

6 and they'll be happy to take your information. For

7 those who are preregistered to speak, when they call

8 you up and you'll have an opportunity in the aisle,

9 we have a facilitator. We have our facilitator,

10 Sebastian, who will hold the mic for you and give you

11 an opportunity to speak. Our facilitators will be

12 holding the mics for protection of public health.

13 Please don't try to hold the mic yourself. We'd ask

14 that comments be brief, no more than two minutes.

15 Our facilitator will alert you when you are thirty

16 seconds away from closing. And I'll ask you to enter

17 your comment if you go beyond your allotted time. If

18 you require a Spanish language interpreter, we have

19 one here tonight, and you'll be allotted a total of

20 four minutes, rather than two, two for your comment

21 and two for the translation. If you have not

22 registered to speak and would like to, wave their

23 hand back there -- there you go. Please -- please

24 see someone at the Madison Avenue entrance, and

25 they'll be happy to register you. If you prefer to

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2 write out your comment, written comments, oral
3 comments are considered equally, and you can
4 certainly do so. As time allows, I'll read written
5 comments regardless, written and -- and e-mail or
6 orally delivered are all considered equally and into
7 the record.

8 During today's discussion, you make
9 your comments or express a range of opinions, some of
10 them may agree with and some may not agree with. We
11 would ask that you be respectful of opinions that are
12 shared today. And finally, if you're a member of the
13 press, please direct your questions to Jeffrey
14 Gordon, Director of Communications at DASNY.
15 Jeffrey, could you raise your hand? Thank you.
16 Jeffrey's in the back of the room. Tonight's meeting
17 is scheduled to end at 8: 30. We'll hear as many
18 commenters as we can at that time. But before we do,
19 we have some elected officials with us tonight and we
20 would like to hear them now. We'll start with
21 assembly member Pat Fahy with the Assembly District
22 19. Okay.

23 Ms. FAHY: Thank you. Thank you. And
24 again, I'm Pat Fahy. The Assembly District is 109th
25 District, and I'm in my 11th or 12th year office. I

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2 think my entire time in office, I have been
3 advocating to get this lab consolidated and built.
4 So, I could not be more pleased on that front and
5 very anxious to get shovels in the ground on the lab.
6 However, my comments tonight are very much focused on
7 the external parts of this lab and I'm going to be as
8 frank as I can be, I could not be more disappointed.
9 Everyone in this community has seen fifty years of
10 complete disconnect with Harriman Campus from the
11 rest of the City of Albany, if not the rest of all
12 the surrounding communities.

13 This design perpetuates that 1960's
14 design. Further, completely disconnects it from
15 Albany and unfortunately it adds insult to injury by
16 recommending, as far as I know, a fence around the
17 entire twenty-seven acres, even just making a
18 statement that we are disconnecting it from Albany.
19 So again, very interested to get shovels in the
20 ground, but last I checked it's the 21st Century. It
21 is absolutely time to get away from this car-centric
22 mentality. Nine hundred and thirty spaces are not
23 needed, because if you look at an aerial view, and
24 I'm happy to share it with anyone here, Harriman
25 Campus is almost all parking lots. It's almost three

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2 hundred acres, and it's parking lot upon parking lot
3 upon parking lot.

4 So, we need to really rethink the
5 number of spaces, especially since a hundred, the
6 last we've heard, a hundred and fifty of those
7 workers are working remotely or at least partly
8 remotely. This is also -- I think there's -- we need
9 more than vision on this, even if we don't have all
10 the funding at this point. It's taken years to
11 secure that \$1.7 billion dollars. I'm very proud of
12 helping to secure that. But this design is really
13 ignoring a vision for all of the Harriman Campus, and
14 I've asked repeatedly with the governor's office that
15 we also keep in mind and plan by having an entire
16 redesign of Harriman Campus as was proposed back in
17 2007, we've been overly patient.

18 So, what we don't want to see is more
19 isolation with the Harriman design and disconnect
20 from Albany. Again, with a fence with more parking,
21 which is the absolute last thing. I need to be very
22 clear. We are quite committed to getting those
23 shovels on the ground on the lab itself. This is
24 external to it. There is no need for a fence if
25 security is usually a little more sophisticated than

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2 that. And I understand some security needs of the
3 lab that can be around the pieces of the lab.
4 Certainly not around twenty-seven acres. And the
5 designs have been proposed from many community and
6 business leaders, really talk about freeing up some
7 of Harriman for further development. I would also be
8 remiss if I said the ring roads, again, part of the
9 1960's design, as I often say, made it easier to get
10 to Clifton Park than to Downtown Albany.

11 Just taking out the slightest part of
12 those ring roads. Just one section, can free up
13 dozens of acres for development, commercial
14 development, retail development, housing, which the
15 governor is staking curb with the entire budget on is
16 about growing housing, which is desperately needed in
17 this community, let alone so many other communities.
18 So again, even if the money is certainly there for
19 the lab, it may not be there for the ring roads, but
20 take -- lay in into the design, the future of taking
21 out just part of those ring roads will help reconnect
22 it to Albany, free up critical and needed space for
23 retail, commercial, and housing. So, with that,
24 again I have a letter that I'm happy to share with
25 everyone here that we have sent to DASNY last month.

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2 I know some of this goes beyond the
3 scoping that the C.C.R.A. request here. Some of this
4 goes beyond that. But I am happy to share this
5 letter. It was shared. We have met with the
6 governor's office. We are very, very anxious and
7 welcome the opportunity to work with all. But I
8 could not be more strongly opposed to this idea of
9 walling off twenty-seven of the most critical acres.
10 That is the closest piece of all of Harriman to the
11 city of Albany. We cannot have a fence around it.
12 We absolutely do not need nine hundred and thirty
13 more parking spaces on the lab. We have C.D.T.A.
14 that has spent millions designing the purple line.
15 That needs to come right down through Harriman, happy
16 to talk more with everyone. I really look forward to
17 this.

18 We just need a bigger vision to grow
19 jobs, grow housing, and attract talent. We know that
20 talent, the scientists, the researchers that we hope
21 to attract to this area, want walkable communities.
22 So, there's just so much more if we think a little
23 bigger. Thank you very much. And again, we have
24 copies of the letter and -- and more information
25 we're happy to share with all. Thank you.

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2 MS. BENENATI: Thank you Assembly
3 Member. I'd also like to introduce county
4 legislature -- Legislator, Andrew Joyce.

5 MR. JOYCE: All right, good evening,
6 everyone. I want to thank the Assembly member Pat
7 Fahy for her leadership on this project and the
8 advocacy for consolidation of all those labs into the
9 City of Albany. This is a boon for us in the city,
10 certainly a wonderful thing. We're all very excited
11 about it. Having grown up in the city, having grown
12 up in the shadow of the Harriman Campus, I know this
13 consolidated lab have a major impact on the city of
14 Albany and the entire region. On the same level as
15 the airport, the M.V.P. arena, a number of other
16 major projects that have come along. With the -- the
17 major level of this project and the significance of
18 this project and what it could mean for the future,
19 not in the city of Albany but for Harriman.

20 I think we do have an opportunity now
21 to take that next step further in terms of the design
22 and what we can do is not only for the city of
23 Albany, but for Harriman Campus as well.
24 Consolidating this lab and drawing all this talent
25 into the city and this new construction looking an

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2 opportunity for us to, you know, work with D.O.H.,
3 work with O.G.S., work with DASNY to put that next
4 step forward and put that next foot forward in terms
5 of, you know, we have our design, we have our scope,
6 but how do we improve the community? How do we
7 improve Harriman? How do we build the footprint of
8 Harriman and improve upon it? But look towards the
9 future, what we envision for the Harriman Campus.

10 We talked about housing; we talked
11 about mixed commercial opportunities. You know,
12 housing is an issue now across our country. So, I
13 think if we really stick to landing and we work
14 together, local electives, our community, DASNY,
15 D.O.H., and O.G.S., you know, towards a great design
16 that improves and signals towards the future of the
17 Harriman Campus. Will be great for our mission
18 overall. And will be great for our mission for
19 consolidation and drawing real great talent to the
20 City of Albany. As I mentioned, I -- I grew up on
21 Winter Avenue off of Washington Ave and the shadow of
22 Harriman. I used to ride my bike on Harriman. I --
23 I -- I ran on Harriman. It's such a missed
24 opportunity over the years and I think with this
25 consolidation, we have a real major opportunity

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2 again, you know, to get it right and -- and there is
3 opportunity there to be connect it to the city of
4 Albany and to bring, you know, more of the campus
5 into the city in a number of different ways.

6 In our community, I represent areas of
7 Albany in Bethlehem and more recently, within the
8 past five years, we had a major project for the
9 Department of Corrections and community input was
10 critical to the success of that project. It was a
11 major project right in the heart of residential area
12 in the City of Albany. And there were, through
13 community input and through a willingness to listen
14 through O.G.S. and DASNY and other stakeholders, we
15 were able to create a lot of wins for the local
16 community. A lot of wins for the neighborhood. It's
17 great for our -- the people that we serve. Great for
18 the neighborhood, great for the city. It's something
19 as simple as a walking path or a playground or those
20 things make a very big impact. So, I hope we can
21 come together, our both electives, DASNY, D.O.H., and
22 O.G.S. work together, convene a working group out of
23 this project, you know, for Harriman. How does this
24 incredible opportunity for the City of Albany shape
25 the future of Harriman and the city as a -- as a

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2 whole. And I'm greatly looking forward to working
3 with you all. Thank you.

4 MS. BENENATI: Thank you, Mr. Joyce.
5 Now I'd like to introduce Ginnie Farrell. She's
6 Common Council Member, ward 13 representative.

7 MS. FARRELL: Thank you so much. I
8 appreciate this conversation this evening. And I
9 also -- I'm very excited that Wadsworth is coming
10 together in one space. I'm even more excited that
11 it's in the City of Albany. I was fortunate to work
12 with Assembly Member Fahy when that whole
13 conversation started. She was immediately passionate
14 about it then. And as the representative from the
15 13th Ward, which represents this part of the
16 district, of the area. I continued on. We want
17 Wadsworth here. We believe that all of these
18 different labs should come together.

19 However, this is an opportunity to
20 right the wrongs that happened in a lot of State
21 campuses in Albany. Harriman Campus was designed to
22 keep the city out. It is not integrated with the
23 city. And I have constituents that look across and -
24 - you know, I mean, it's a lovely thing to look at,
25 but it's not integrated. It also doesn't encourage

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2 the people that work at Harriman to live in the city,
3 to go to the businesses in the city; that's not
4 helpful for us. We wanted you here because we wanted
5 to get to know you. We wanted to be your neighbor.
6 We want you to get to know us. And that matters.
7 The Empire State Plaza was designed to keep the City
8 of Albany out of it. Harriman Campus was too. This
9 is an opportunity to right that wrong, because it is
10 a wrong. We have people here that want this to
11 happen. We would love to have the scientists that
12 work at Wadsworth Labs look at the beautiful
13 neighborhoods around this area and think that would
14 be great. If there's a fence there, they're not going
15 to do that. They're not even going to see it.
16 They're going to jump in their car in the nine
17 hundred and thirty parking spot and jump on the
18 highway and leave. They might not even go to many
19 businesses. There's great sandwich shops close by.
20 There's wonderful things that you can see, and you
21 can be part of, if you just get the opportunity to
22 integrate it.
23 We do understand with labs, we want
24 you to have security, completely understood. That's
25 fine. Do it in a smart way that doesn't keep the

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2 entire area out. Don't alienate our residents
3 because we want you here. We want you to be a good
4 neighbor, and we're asking you to do that.

5 So that is the big request. And I
6 would just echo, I appreciate Pat's leadership on
7 really calling for the redevelopment of all of
8 Harriman. I know that's not in your scope right now,
9 but this is an opportunity. We need this land in the
10 City of Albany. We don't have a lot of available
11 land. We need housing. We need land, we need
12 businesses, and this is an opportunity, and a lot of
13 it has been roads and parking lots. We would love to
14 have those used in a more productive way for our
15 citizens and we'd like to just be good neighbors. So
16 that's my request. Look at us as neighbors. We want
17 to be your neighbor. We welcome you. We fought to
18 have you here. I promise you, my constituents that
19 are here, they actually fought for this. They wanted
20 you here, they were actively engaged in Wadsworth
21 consolidation and bringing you here. Don't alienate
22 them after trying to fight for you, by putting up a
23 big fence and keeping everyone out. You know,
24 there's a lot of ways to do this. We're happy to
25 continue working with you. Please take that into

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2 consideration and be our neighbors, get to know us;
3 we are great. Thank you.

4 MS. BENENATI: Thank you, Council. I
5 just want to ask my team; do we have any registrants
6 for speaking? Do we have written comments? No? All
7 right, so if anyone would like to register to speak,
8 anyone would like to comment tonight, please go back
9 to the table and register. I'm sorry. Oh, it's
10 working. Please go back to the table and register,
11 and we would be happy to hear from you tonight. And
12 for those of you who are participating online on the
13 Zoom, please use the e-mail and submit your comments
14 in that way. We'll remain open for comment until 8:
15 30 to 9: 00.

16 MR. DERICO: Margaret Lanou, L-E-N-O-U
17 -- L-A-N-O-U. Excuse me.

18 MS. LANOU: Thank you for inviting us
19 in the neighborhood, in. I just wanted to make sure
20 that the folks who are doing the planting around the
21 -- the perimeter are aware that the City of Albany
22 has been working on the whole livable, walkable,
23 cyclical streets program. And Brevator Street is
24 just on the verge of being redone. It was built --
25 overbuilt really as a concrete road, four lanes going

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2 supposedly to serve the campus. And at one time
3 people could get into the campus right off Melrose
4 Avenue. That's -- has not been the case since
5 eighty-five was put in. But as Fahy was saying,
6 everything was designed to bring people out of the --
7 the whole complex and to the suburbs and really kind
8 of -- kind of cut us all off.

9 So just -- please be aware that there
10 is really a -- a -- a move to bring us into the 21st
11 Century where people can walk, cycle, get into the --
12 to the businesses of the State and feel like it's
13 part of the city. That's really all I want to say.

14 MS. BENENATI: Thank you. Again, if
15 anyone would like to comment, please register at the
16 back table. Be happy to hear from you.

17 MR. DERICO: Alex Word spelled, W-O-R-
18 D.

19 MR. WORD: Oh, so I just wanted to
20 comment on a couple things. I didn't see any
21 considerations for more wide pedestrian access. So,
22 I'd like to just advocate for that. And I like to
23 echo what our Assembly woman said, or Assembly
24 Member, I'm sorry. The -- the whole campus really
25 just needs a comprehensive plan for -- to -- to

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2 reunite it with the city. And so, I'd like to just -
3 - to express, you know, my support for that. That's
4 -- it's really critical to -- to bring the whole city
5 back to, you know, where it needs to be, which is a
6 more reunited, more cohesive city. So, I'd like to
7 just -- you know, put my support in for advanced use
8 development and high-density campus area. You know,
9 with housing and all the amenities that are necessary
10 for cities to thrive.

11 I also want to say that you really
12 need to think about the integration of the purple
13 line and the public transit as a whole, you know,
14 route 114-12. All of those go right next to or
15 through the campus, so you really need to be thinking
16 about that. You know, 787 Empire State Plaza. There
17 are many projects that, you know, happened to the
18 City of Albany and during that in the 1960s, 1970s
19 period. But Harriman Campus, I have to tell you, is
20 really the one that you in period speak the most.
21 And it's because of all the ring roads, all of the --
22 the highway that they've forced into that area, it's
23 -- it's fragmented the area more than it has
24 connected it to anything else. So, I just want to
25 say please think about taking those ring roads out.

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2 They're not necessary. And we do need the space for
3 the City of Albany to -- to really have a really, you
4 know, a tax base that supports itself.

5 That's -- that's all I've got for you.
6 On my bus thing, I realize I say -- wearing a City of
7 Albany shirt. I am speaking to you today as a
8 resident. Just wanted to say that. Thank you.

9 MS. BENENATI: Thank you. So again,
10 we have another speaker?

11 MR. SEBASTIAN: Tim Cooney, C-O-O-N-E-
12 Y.

13 MR. COONEY: Thank you, Sebastian. My
14 name is Tim Cooney. I live on the corner of
15 Belvidere Ave and Brevator Street. So, I look right
16 at your front entrance in the proposal, and I just
17 want to say appreciate you being here. That's a much
18 welcome design, and if there has to be something like
19 a permit or fence or a property for security reasons
20 and -- and whatnot that I personally as a neighbor,
21 I'm in support of that, as long as you spend
22 (unintelligible) for me. So, just want to put that
23 out. Thank you so much for your time.

24 MS. BENENATI: Thank you. If anyone
25 else would like to speak, we'd be happy to register

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2 you at the table in the back. And if you are
3 participating online, the e-mail address for you to
4 send a comment to is lsphlcomments@dasny.org.

5 MR. SEBASTIAN: Amal Cooney, C-O-O-N-
6 E-Y.

7 MS. COONEY: Hi everyone. My last
8 name's actually Hashish, but I didn't want to make
9 Sebastian spell it. Yeah. Really, really excited
10 for the Wadsworth campus. I grew up in Albany, went
11 to Albany High and had to run along Brevator for a
12 long time, for many years. It was pretty horrible.
13 So, I'm thankful to Margaret neighbor for sharing.
14 The project is coming up. Hopefully you all can
15 figure out a way to really integrate with that. It's
16 such an exciting opportunity. Really glad that we
17 brought up the idea of community engagement. Just
18 looking around, I don't see too many neighbors here
19 today. So, just really want to think about when we
20 say community engagement, putting together workers,
21 what does that actually look like? How do we
22 actually bring together those -- that walk down the
23 street, drive the street, live on the street? What
24 does that look like? How do we actually bring those
25 folks voices into the conversation? So, just wanted

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2 to really bring that to your attention, because I
3 don't know meetings like that, these are going to do
4 the trick.

5 MS. BENENATI: Thank you for your
6 comment. If anyone here prefers to make or comment
7 in writing, we have comment cards that are available
8 at the registration desk. We'll be taking them
9 tonight and turning those in for official entry into
10 the record. And of course, you can also e-mail after
11 tonight to lsphlcomments@dasny.org. Comments will be
12 accepted until April 15th, 2024.

13 MR. PERUSKI: I just want to -- Len
14 Peruski, again -- I just want to make some comments
15 here, because I really liked hearing this bit about
16 walkability. And just so you know, I live in Albany.
17 I believe in Albany. I like being here. I can't
18 walk out to Griffin Laboratory. That's a little too
19 far. But I walk most days of the week into work to
20 Biggs Laboratory, to D.A.I. to L.S.I.P. because
21 that's part of who I am. So, I understand what
22 you're saying. I just want to say that we are going
23 to try and listen. But I did appreciate comments
24 about, you know, the city. And I do find it a neat
25 city. I like the quiriness, and I enjoy being able

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2 to walk to work, walk home to work, meet people and
3 talk with them because again, it's a public health
4 laboratory, and I want to be part of the public. So,
5 I just wanted to make that clear.

6 MS. BENENATI: Thank you.

7 MR. SEBASTIAN: Jill Taylor, T-A-Y-L-
8 O-R.

9 MS. TAYLOR: Hi, I'm Jill Taylor. I
10 am the board director of the Wadsworth Center before
11 plan. And the Wadsworth Center is still my home. I
12 love it. It is the most amazing place to work that I
13 can think of. And it's a privilege of my life to be
14 the director. I also live locally. I live just down
15 off Western Avenue on Colonial. And I agree with the
16 comments about the walkability and being part of the
17 community. So, you know, we've been trying to get
18 this laboratory for, I don't know, twenty years. So,
19 this is just absolutely so exciting. And in some of
20 the previous talks that -- and arrangements and
21 conversations with architects, we had talked about a
22 boon. Are we with the fence -- are we trying to keep
23 people out or like trucks with explosives or what's
24 the purpose of the fence? And is there another way
25 we can address the security aspects? That's just a

1 3/26/2024 - New York State L.S.P.H.L. - Albany, N.Y.
2 question.

3 MS. BENENATI: Thank you.

4 MR. SEBASTIAN: Mark Violette, V-I-O-
5 L-E-T-T-E.

6 MR. VIOLETTE: Thanks. This is a --
7 this is a great story. I feel like the comment I'm
8 going to make is a really small story. It's sort of,
9 I feel connected to this project in so many different
10 ways. First of all, and maybe most importantly, I'm
11 -- I'm -- I'm an immediate neighbor of what's going
12 to be the new Wadsworth lab. I live
13 (unintelligible). We live directly across from the
14 campus and when your -- your new building goes up,
15 and its great news that it's going up. When we look
16 out our front window, when we look like right into
17 your building, like right there. We will probably be
18 geographically your closest neighbor perhaps. It's a
19 strange story because, you know, some time ago I
20 worked for The Dorm, I worked for DASNY, as a press
21 officer, and I remember very proudly traveling across
22 the state doing news conferences, highlighting
23 massive, great public health projects all over New
24 York.

25 And now the Dorm DASNY is going to be

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2 putting one up essentially like in my front yard.
3 I'm proud of that. I love the idea of The Dorm
4 working with Department of Health to bring all
5 components of Wadsworth Lab together under one group
6 and achieve that synergy that you only get when you
7 get great minds working into each other and sparking
8 each other. So, you're both integration rather than
9 fragmentation. I'd like you to do -- I think more
10 about how The Dorm and the Department of Health can
11 also achieve integration of the lab with the city.
12 So, more integration, less fragmentation. We've got
13 a lot of fragmentation right now of the campus, and
14 like, so integrate rather than fragment. Thanks,
15 keep that in mind. Good luck. Welcome to the
16 neighborhood.

17 MS. BENENATI: Thank you. If you'd
18 like to comment, all you have to do is go back and
19 register. We're here tonight to hear public comments
20 that'll be entered into the record. So happy to hear
21 anyone who has something to say.

22 (Off the record at 07:31 p.m.)

23 (On the record at 7:35 p.m.)

24 MR. PERUSKI: I'm just standing up
25 folks. I've been sitting all day. I found that I

1 3/26/2024 - New York State L.S.P.H.L. - Albany, N.Y.
2 have permission to stand up.

3 MS. BENENATI: To those who are
4 attending online, we're going to turn off the sound
5 and we will turn it back on if we have another
6 commenter.

7 (Off the record at 7: 35 p.m.)

8 (On the record at 8: 28 p.m.)

9 MS. BENENATI: Attending today's
10 public hearing and for listening to the comments
11 shared by our participants. The written comment
12 period will remain open until April 15th. You can
13 also add your comments via email to
14 lsphlcomments@dasny.org. By postal mail to Dormitory
15 Authority of the State of New York, 515 Broadway,
16 Albany, New York, 12207-2964 attention, Robert S.
17 Derico. All comments, whether submitted orally
18 tonight, in writing, or by email will be equally
19 considered. The presentation that you heard tonight,
20 and the slides will be available online for further
21 review. Please visit www.dasny.org/wadsworth-lab to
22 view the presentation. I want to thank the College
23 of Saint Rose for their hospitality.

24 Tonight's scoping meeting is now
25 closed. Please travel safely.

1 3/26/2024 - New York State L.S.P.H.L. - Albany, N.Y.

2 (The meeting concluded at 8:29 p.m.)

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2 STATE OF NEW YORK

3 I, ANNETTE LAINSON, do hereby certify that the foregoing
4 was reported by me, in the cause, at the time and place,
5 as stated in the caption hereto, at Page 1 hereof; that
6 the foregoing typewritten transcription consisting of
7 pages 1 through 42, is a true record of all proceedings
8 had at the hearing.

9 IN WITNESS WHEREOF, I have hereunto
10 subscribed my name, this the 4th day of April, 2024.

11

12 ANNETTE LAINSON, Reporter

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DASNY

**STATE ENVIRONMENTAL QUALITY REVIEW (SEQR)
DISTRIBUTION LIST OF INVOLVED AGENCIES AND INTERESTED PARTIES
FOR THE
NEW YORK STATE DEPARTMENT OF HEALTH
NEW YORK STATE LIFE SCIENCES PUBLIC HEALTH LABORATORY**

The Honorable Kathy Sheehan
Mayor
City of Albany
City Hall, Room 102
Albany, New York 12207
mayor@albanyny.gov

Ms. Maclain Berhaupt
Acting Chief of Staff
New York State Department of Health
Corning Tower
Empire State Plaza
Albany, New York 12237
maclain.berhaupt@health.ny.gov

The Honorable Daniel P. McCoy
Albany County Executive
Office of the Albany County Executive
Harold L. Joyce Albany County Office Building
112 State Street
Albany, New York 12207
county_executive@albanycountyny.gov

Dr. Leonard F. Peruski, Ph.D., M.Sc.
Director
Wadsworth Center
New York State Department of Health
Empire State Plaza
Albany, New York 12237
leonard.peruski@health.ny.gov

The Honorable Neil D. Breslin
New York State Senator, District 46
172 State Street, Capitol Building
Room 430 CAP
Albany, New York 12247
breslin@nysenate.gov

Dr. Robert L. Glaser, Ph.D.
Director, Division of Laboratory Operations
Wadsworth Center
New York State Department of Health
Empire State Plaza
Albany, New York 12237
robert.glaser@health.ny.gov

The Honorable Patricia Fahy
New York State Assembly Member, District 109
Legislative Office Building 717
Albany, New York 12248
fahyp@nyassembly.gov

Dr. Steven Zink
Assistant Director, Division of Laboratory Operations
Deputy Project Director of LSPHL Project
Director of Central Accessioning
Biggs Laboratory
Wadsworth Center
New York State Department of Health
Empire State Plaza
Albany, New York 12207
steven.zink@health.ny.gov

The Honorable John T. McDonald III
New York State Assembly Member, District 108
Legislative Office Building 625
Albany, New York 12248
mcdonaldj@nyassembly.gov

Dr. Ursula E. Bauer, PhD, MPH
Deputy Commissioner for Public Health
New York State Department of Health
Corning Tower
Empire State Plaza
Albany, New York 12237
ursula.bauer@health.ny.gov

Mr. Kyle Kotary
Assistant Commissioner
Public Affairs Group
New York State Department of Health
Empire State Plaza
Albany, New York 12237
kyle.kotary@health.ny.gov



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**STATE ENVIRONMENTAL QUALITY REVIEW (SEQR)
DISTRIBUTION LIST OF INVOLVED AGENCIES AND INTERESTED PARTIES
FOR THE
NEW YORK STATE DEPARTMENT OF HEALTH
NEW YORK STATE LIFE SCIENCES PUBLIC HEALTH LABORATORY**

Mr. Bradley Hutton, P.E., LEED-AP
Associate Commissioner
Division of Real Estate
Real Property and Facilities Management
New York State Office of General Services
Corning Tower, 39th Floor
Empire State Plaza
Albany, New York 12242
bradley.hutton@ogs.ny.gov

Mr. Tony Luisi
Director, Region 4
New York State Dept. of Environmental Conservation
1130 North Westcott Road
Schenectady, New York 12306
r4info@dec.ny.gov

Ms. Trish Gabriel
Deputy Regional Permit Administrator
Division of Environmental Permits, Region 4
New York State Dept. of Environmental Conservation
1130 North Westcott Road
Schenectady, New York 12306
trish.gabriel@dec.ny.gov

Mr. Michael G. Arthur, P.E.
Regional Director, Region 1
New York State Department of Transportation
50 Wolf Road, Suite 1S50
Albany, New York 12232
michael.arthur@dot.ny.gov

Dr. Nancy Herter, Ph.D.
Director, Technical Preservation Services Bureau
Division for Historic Preservation
New York State Office of Parks, Recreation and Historic
Preservation
Peebles Island, P. O. Box 189
Waterford, New York 12188-0189
nancy.herter@parks.ny.gov

Mr. Brad Glass
Planning Director, City of Albany
Department of Planning and Development
200 Henry Johnson Boulevard
Albany, New York 12210
bglass@albanyny.gov

Mr. Gerry Engstrom, Jr., AICP
Chairman
County of Albany Planning Board
449 New Salem Road
Voorheesville, New York 12186
gerryengstrom@gmail.com

Mr. Angelo Gaudio
Executive Director
Albany County Water Purification District
112 State Street
Albany, New York 12207
angelo.gaudio@gmail.com

Mr. Joseph E. Coffey, Jr., P.E.
Commissioner
Albany Department of Water & Water Supply
10 North Enterprise Drive
Albany, New York 12207
jcoffey@albanyny.gov

Ms. Gopika Muddappa,
Senior Planner
Albany County Department of Public Works
449 New Salem Road
Voorheesville, New York 12186
gopika.muddappa@albanycountyny.gov

Ms. Sandra Misiewicz, AICP
Executive Director
Capital Region Transportation Council
1 Park Place, Suite 101
Albany, New York 12205-2676
smisiewicz@capitalmpo.org



DASNY

**STATE ENVIRONMENTAL QUALITY REVIEW (SEQR)
DISTRIBUTION LIST OF INVOLVED AGENCIES AND INTERESTED PARTIES
FOR THE
NEW YORK STATE DEPARTMENT OF HEALTH
NEW YORK STATE LIFE SCIENCES PUBLIC HEALTH LABORATORY**

Mr. David Schwartz, AIA, LEED-AP
Regional Leader of Science + Technology
HOK
5 Bryant Park
1065 Avenue of the Americas, 6th Floor
New York, New York 10018
david.schwartz@hok.com

Mr. Christian J. Kristensen
Vice President & Construction Executive
Turner Construction Company
66 Hudson Boulevard
New York, NY 10001
ckristensen@tcco.com

Mr. Connor Lacefield
Vice President
AKRF, Inc.
440 Park Avenue South, 7th Floor
New York, New York 10016
clacefield@akrf.com

Mr. Paul McCoy, AIC, CPC
Project Executive
Upstate Construction
DASNY
515 Broadway
Albany, New York 12207
pmccoy@dasny.org

Ms. Molly Larkin
Director
Upstate Design & Construction
DASNY
515 Broadway
Albany, New York 12207
mlarkin@dasny.org

Mr. Jeffrey Dyer
Senior Design Manager
Upstate Construction
DASNY
515 Broadway
Albany, New York 12207
jdyer@dasny.org

Mr. Robert S. Derico, R.A.
Director
Office of Environmental Affairs
DASNY
515 Broadway
Albany, New York 12207
rderico@dasny.org

Mr. Matthew A. Stanley, AICP
Senior Environmental Manager
Office of Environmental Affairs
DASNY
28 Liberty Street, 55th Floor
New York, New York 10005
mstanley@dasny.org



**New York State
Parks, Recreation and
Historic Preservation**

Governor

Commissioner

February 12, 2024

Matthew Stanley
Senior Environmental Manager
Dormitory Authority - State of New York
Office of Environmental Affairs
28 Liberty Street, 55th Floor
New York, NY 10005

Re: DASNY
NYSDOH / New Construction - New York State Life Sciences Public Health Laboratory
1220 Washington Ave, Albany, Albany County, NY 12226
24PR00953
342500

Dear Matthew Stanley:

Thank you for requesting the comments of the Office of Parks, Recreation and Historic Preservation (OPRHP). We have reviewed the project in accordance with the New York State Historic Preservation Act of 1980 (Section 14.09 of the New York Parks, Recreation and Historic Preservation Law). These comments are those of the OPRHP and relate only to Historic/Cultural resources. They do not include potential environmental impacts to New York State Parkland that may be involved in or near your project.

Based upon this review, it is the opinion of OPRHP that no properties, including archaeological and/or historic resources, listed in or eligible for the New York State and National Registers of Historic Places will be impacted by this project.

If further correspondence is required regarding this project, please be sure to refer to the OPRHP Project Review (PR) number noted above.

Sincerely,

R. Daniel Mackay

Deputy Commissioner for Historic Preservation
Division for Historic Preservation

rev: T. O'Connell



**New York State
Parks, Recreation and
Historic Preservation**

KATHY HOCHUL
Governor

RANDY SIMONS
Commissioner Pro Tempore

September 27, 2024

Matthew Stanley
Senior Environmental Manager
Dormitory Authority - State of New York
Office of Environmental Affairs
28 Liberty Street, 55th Floor
New York, NY 10005

Re: DASNY
NYSDOH / New Construction - New York State Life Sciences Public Health Laboratory
1220 Washington Ave, Albany, Albany County, NY 12226
24PR00953
342500

Dear Matthew Stanley:

Thank you for requesting the comments of the Office of Parks, Recreation and Historic Preservation (OPRHP). We have reviewed the project in accordance with the New York State Historic Preservation Act of 1980 (Section 14.09 of the New York Parks, Recreation and Historic Preservation Law). These comments are those of the OPRHP and relate only to Historic/Cultural resources. They do not include potential environmental impacts to New York State Parkland that may be involved in or near your project.

Based upon this review, it is the opinion of OPRHP that no properties, including archaeological and/or historic resources, listed in or eligible for the New York State and National Registers of Historic Places will be impacted by this project.

If further correspondence is required regarding this project, please be sure to refer to the OPRHP Project Review (PR) number noted above. If you have any questions, please contact Josalyn Ferguson at the following email address:

Josalyn.Ferguson@parks.ny.gov

Sincerely,

R. Daniel Mackay

Deputy Commissioner for Historic Preservation
Division for Historic Preservation

APPENDIX B:
SMART GROWTH FORM

SMART GROWTH IMPACT STATEMENT ASSESSMENT FORM

Date: October 15, 2024 **Project Number:** 342500
Project Applicant: NYS Department of Health
Project Name: New York State Life Sciences Public Health Laboratory
Program: NYSDOH Capital Projects
Project Location: Harriman State Office Building Campus, Albany County, New York
Completed by: AKRF, Inc.

This Smart Growth Impact Statement Assessment Form ("SGISAF") is a tool to assist the applicant and the Dormitory Authority of the State of New York's ("DASNY's") Smart Growth Advisory Committee in deliberations to determine whether a project is consistent with the New York State *Smart Growth Public Infrastructure Policy Act* ("SSGPIPA"), Article 6 of the New York State *Environmental Conservation Law* ("ECL").¹ Not all questions/answers may be relevant or applicable to all projects.

Description of Proposed Action and Proposed Project:

Proposed Action: The Proposed Action consists of the New York State Department of Health's ("NYSDOH") approval of construction pursuant to the *Public Health Law* ("PHL") of NYSDOH's plan to centralize and consolidate existing operations of the Wadsworth Center that are currently located in five separate facilities located in the Capital Region.

Proposed Project: The Proposed Project involves the construction and operation of a new, approximately 652,000 gross square feet ("gsf"), four-story (plus mechanical floor) state-of-the-art laboratory building and a surface parking lot with approximately 930 parking spaces. The Proposed Project would be located on a 27-acre site on the southeastern portion W. Averell Harriman State Office Building Campus ("Harriman Campus") in western Albany.

Smart Growth Impact Assessment: Have any other entities issued a Smart Growth Impact Statement ("SGIS") with regard to this project? (If so, attach same). ☐ Yes ☒ No

1. Does the project advance or otherwise involve the use of, maintain, or improve existing infrastructure?
 Check one and describe: ☒ Yes ☐ No ☐ Not Relevant

The Proposed Project involves the use of existing infrastructure because it would be located on an underutilized site on the existing Harriman Campus. The Project Site is surrounded by substantial existing transportation infrastructure and proximate to existing utility infrastructure. Therefore, the Proposed Project would be generally supportive of this criterion.

2. Is the project located wholly or partially in a **municipal center**,² characterized by any of the following:
 Check all that apply and explain briefly:
- ☒ A city or a village
 - ☐ Within the boundaries of a generally-recognized college, university, hospital or nursing-home campus
 - ☐ Area of concentrated and mixed land use that serves as a center for various activities including, but not limited to: **see below**
 - ☐ Central business districts (i.e., commercial or geographic heart of a city, downtown or "city center")
 - ☐ Main streets (i.e., primary retail street of a village, town, or small city)
 - ☐ Downtown areas (i.e., city's core, center or central business district)

¹ <https://www.nysenate.gov/legislation/laws/ENV/A6>

² DASNY interprets the term "municipal centers" to include existing, developed institutional campuses such as universities, colleges and hospitals.

- ☐ Brownfield opportunity areas (<https://www.dos.ny.gov/opd/programs/brownFieldOpp/index.html>)
- ☐ Downtown areas of Local Waterfront Revitalization Programs ("LWRPs") (<https://www.dos.ny.gov/opd/programs/lwrp.html>)
- ☐ Transit-oriented development areas (i.e., areas with access to public transit for residents)
- ☐ Environmental justice areas (<https://www.dec.ny.gov/public/911.html>)
- ☐ Hardship areas

The Project Site is located within the Harriman Campus, a government office campus with a mix of government and institutional uses. The Harriman Campus is identified in the City of Albany's Comprehensive Plan as both a Regional Activity Center and an Employment/Education Activity Center. The Project Site is also accessible by multiple bus routes, including the Capital District Transportation Authority's ("CDTA") new bus rapid transit ("BRT") Purple line. Adjacent neighborhoods and residences are within a 10 to 15-minute walk. Therefore, the Proposed Project would be generally supportive of this criterion.

3. Is the project located adjacent to municipal centers (please see characteristics in question 2, above) with clearly-defined borders, in an area designated for concentrated development in the future by a municipal or regional comprehensive plan that exhibits strong land use, transportation, infrastructure and economic connections to an existing municipal center? Check one and describe: ☒ Yes ☐ No ☐ Not Relevant

The Project Site is located within a defined municipal center and in an area designated for mixed-use development by officially adopted plans, including in *Albany 2030—The City of Albany Comprehensive Plan* and the City of Albany Unified Sustainable Development Ordinance. Therefore, the Proposed Project would be generally supportive of this criterion.

4. Is the project located in an area designated by a municipal or comprehensive plan, and appropriately zoned, as a future municipal center? Check one and describe: ☒ Yes ☐ No ☐ Not Relevant

As noted in Questions 2 and 3, the project is within a municipal center. The Harriman Campus is identified by the Comprehensive Plan as a Regional Activity Center and described as an Employment/Education Activity Center. The Project Site is appropriately zoned for such development in the Mixed-Use, Campus/Institutional ("MU-CI") district. Therefore, the Proposed Project would be generally supportive of this criterion.

5. Is the project located wholly or partially in a developed area or an area designated for concentrated infill development in accordance with a municipally-approved comprehensive land use plan, a local waterfront revitalization plan, brownfield opportunity area plan or other development plan? Check one and describe: ☒ Yes ☐ No ☐ Not Relevant

The Proposed Project would be located in a previously developed and currently vacant site within the Harriman Campus, an area identified for redevelopment in the Comprehensive Plan. Therefore, the Proposed Project would be generally supportive of this criterion.

6. Does the project preserve and enhance the state's resources, including agricultural lands, forests, surface and groundwater, air quality, recreation and open space, scenic areas, and/or significant historic and archeological resources? Check one and describe: ☒ Yes ☐ No ☐ Not Relevant

The Project Site does not contain agricultural land, forests, or recreation and open spaces. The Proposed Project would implement stormwater management practices to minimize runoff to protect surface and groundwater. As discussed in the EIS, the Proposed Project would not result in significant adverse impacts to air quality. According to correspondence from the New York State Office of Parks, Recreation, and Historic Preservation dated February 12, 2024 and September 27, 2024, the Proposed Project would not impact archaeological or historic resources listed in or eligible for the New York State

and National Registers of Historic Places. Therefore, the Proposed Project would be generally supportive of this criterion.

7. Does the project foster mixed land uses and compact development, downtown revitalization, brownfield redevelopment, the enhancement of beauty in public spaces, the diversity and affordability of housing in proximity to places of employment, recreation and commercial development and/or the integration of all income and age groups? Check one and describe: ☒ Yes ☐ No ☐ Not Relevant

While the Proposed Project would not foster mixed land uses on the Project Site, the Project would consolidate five facilities, currently dispersed throughout the Capital Region, into a single location on a currently underutilized site within an established employment center, proximate to existing residential neighborhoods and mixed-use corridors and accessible by multiple modes of transportation. Therefore, the Proposed Project would be generally supportive of this criterion.

8. Does the project provide mobility through transportation choices, including improved public transportation and reduced automobile dependency? Check one and describe: ☒ Yes ☐ No ☐ Not Relevant

The Proposed Project would be located on the Harriman Campus, currently served by multiple bus routes, including bus stops in the center of the Campus, on Washington and Western Avenues, and for the new CDTA BRT Purple line, and it is accessible via pedestrian amenities such as crosswalks that connect to adjacent neighborhoods and the Campus. The Proposed Project would also accommodate a new bus stop(s) adjacent to the Project Site. Therefore, the Proposed Project would provide mobility through transportation choices. Therefore, the Proposed Project would be generally supportive of this criterion.

9. Does the project demonstrate coordination among state, regional, and local planning and governmental officials?³ Check one and describe: ☒ Yes ☐ No ☐ Not Relevant

DASNY, acting as lead agency, is conducting a coordinated State Environmental Quality Review ("SEQR") review of the Proposed Project. In addition, DASNY is working to deliver the project on behalf of its customer agency, the New York State Department of Health ("NYSDOH"), the programmatic decision makers and owners of the project. Other involved agencies and/or interested parties included in the review are the NYS Office of General Services, NYS Department of Transportation, NYS Office of Parks, Recreation, and Historic Preservation, and NYS Department of Environmental Conservation, as well as the City of Albany. These agencies will have the opportunity to comment and review the Proposed Project. Therefore, the Proposed Project would be generally supportive of this criterion.

10. Does the project involve community-based planning and collaboration? Check one and describe: ☒ Yes ☐ No ☐ Not Relevant

The Proposed Project will engage the community through the SEQR process. Draft and Final Scoping Documents were made available to the general public, agencies, and other interested groups, and a public scoping meeting was held. A public hearing will also be held to facilitate public review and comment on the Draft Environmental Impact Statement. Therefore, the Proposed Project would be generally supportive of this criterion.

11. Is the project consistent with local building and land use codes? Check one and describe: ☒ Yes ☐ No ☐ Not Relevant

³ Demonstration may include *State Environmental Quality Review* ["SEQR"] coordination with involved and interested agencies, district formation, agreements between involved parties, letters of support, State Pollutant Discharge Elimination System ["SPDES"] permit issuance/revision notices, etc.

While the Proposed Project is exempt from compliance the City of Albany zoning requirements, the Proposed Project would be substantially consistent with the underlying zoning and compatible with the surrounding land uses and community character. The Proposed Project would meet all the zoning requirements, except the laboratory building would exceed the maximum allowed front setback of 20 feet. The building is designed with an approximately 50-foot setback for enhanced security purposes, and it would be similar to other buildings on the Harriman Campus, which tend to be set back and behind large parking lots. Construction activities would adhere to the provisions of the New York State Building Code. Therefore, the Proposed Project would be generally supportive of this criterion.

12. Does the project promote sustainability by strengthening existing and creating new communities which reduce greenhouse gas emissions and do not compromise the needs of future generations? Check one and describe: ☒ Yes ☐ No ☐ Not Relevant

The Proposed Project would promote sustainability by redeveloping a currently vacant and underutilized site on an existing office campus. The Proposed Project would consolidate five currently dispersed facilities into a single location that is well-served by existing utility and transportation infrastructure, and within walking distance to residential neighborhoods and public transit. The building itself would also be sustainable, incorporating green building techniques, energy efficient fixtures, and renewable energy, and in compliance with the latest NYS Energy Code, Executive Order 22, USGBC LEED Rating System (LEED v4), and the NYS *Green Building Construction Act*. Therefore, the Proposed Project would be generally supportive of this criterion.

13. During the development of the project, was there broad-based public involvement?⁴ Check one and describe: ☒ Yes ☐ No ☐ Not Relevant

As stated in Question 10, the Proposed Project would continue to engage the community through the SEQR process. Draft and Final Scoping Documents were made available to the general public, agencies, and other interested groups, and a public scoping meeting was held and public comments were accepted. A public hearing will also be held to facilitate public review and comment on the Draft Environmental Impact Statement. DASNY has been and will continue to be in conversation with local leaders and elected officials throughout the process. In addition, funding for the Proposed Project was included in New York State's 2023-2024 budget, which was approved by legislators representing their constituents; the budget process also includes legislative hearings, which are intended to provide the appropriate legislative committees with public input.

14. Does the Recipient have an ongoing governance structure to sustain the implementation of community planning? Check one and describe: ☒ Yes ☐ No ☐ Not Relevant

NYSDOH, responsible for overseeing the health, safety, and well-being of New Yorkers, engages in planning activities on an ongoing basis to improve the quality of services it delivers to residents across the state. Therefore, the Proposed Project would be consistent with this criterion.

15. Does the project mitigate future physical climate risk due to sea level rise, and/or storm surges and/or flooding, based on available data predicting the likelihood of future extreme weather events, including hazard risk analysis data if applicable? Check one and describe: ☒ Yes ☐ No ☐ Not Relevant

The Proposed Project would not need to mitigate for sea level rise or storm surges due to its elevation and inland location, however, it will be designed to accommodate heavy rainfalls which can create flooding. The Proposed Project would install stormwater management practices to manage stormwater and reduce flooding during heavy rainfall events. Therefore, the Proposed Project would be generally supportive of this criterion.

⁴ Documentation may include SEQR coordination with involved and interested agencies, SPDES permit issuance/revision notice, approval of Bond Resolution, formation of district, evidence of public hearings, *Environmental Notice Bulletin* ["ENB"] or other published notices, letters of support, etc.

DASNY has reviewed the available information regarding this project and finds:

- ☒ The project was developed in general consistency with the relevant Smart Growth Criteria.
☐ The project was not developed in general consistency with the relevant Smart Growth Criteria.
☐ It was impracticable to develop this project in a manner consistent with the relevant Smart Growth Criteria for the following reasons: _____
-

ATTESTATION

I, President of DASNY/designee of the President of DASNY, hereby attest that the Proposed Project, to the extent practicable, meets the relevant criteria set forth above and that to the extent that it is not practical to meet any relevant criterion, for the reasons given above.



October 15, 2024

Signature/Date

Robert S. Derico, R.A., Director, Office of Environmental Affairs

Print Name and Title

APPENDIX C:
STORMWATER

MEMORANDUM

DATE: September 19, 2024

TO: George Penesis, Connor Lacefield

FROM: Steve Pylypchuk

SUBJECT: Executive Summary of 2024/08/16 Draft Drainage Report

The "Stormwater Drainage Report" for the Life Sciences Public Health Laboratory at the Harriman Campus, prepared by YU & Associates on August 16, 2024, outlines the design and analysis of a new stormwater management system for the proposed 27-acre site in Albany, New York. The project involves constructing a state-of-the-art laboratory for the New York State Department of Health, requiring significant upgrades to the existing stormwater infrastructure. The report details the existing site conditions, which currently lack stormwater management or water quality treatment practices, and proposes a new system designed in accordance with the New York State Department of Environmental Conservation (NYSDEC) 2024 Stormwater Management Design Manual and City of Albany regulations.

The site's pre-development impervious cover was 17.4 acres, which increases to 19.2 acres in the post-development scenario. The proposed stormwater management system includes two primary infiltration basins designed to meet water quality volume (WQv) and runoff reduction volume (RRv) requirements. Infiltration Basin 1 serves a catchment area of approximately 19.16 acres and has a footprint of about 30,000 square feet with a depth of 3 feet. Infiltration Basin 2 serves a catchment area of approximately 7.85 acres and has a footprint of about 12,000 square feet with a depth of 2 feet. Both basins are designed with an assumed infiltration rate of 6 inches per hour, a conservative estimate based on available data, pending field verification from ongoing on-site investigations. The system aims to reduce peak flow rates and improve water quality by treating and infiltrating runoff from the 10-year and 100-year storm events. Hydraulic modeling using Bentley CivilStorm software confirms that the design effectively manages stormwater runoff while complying with NYSDEC regulations and municipal standards.

Below are the pre- and post- development peak flows for each basin tie-in location for the 1, 10, and 100-year storms. This table further revisits the assumed infiltration rate of 6"/hour and provides the same flows with a more conservative 1"/hour. As one can see, the post-development peak flows do vary with differing infiltration rates, however, they remain less than the pre-development peak flow rates. As more exploratory infiltration tests are performed, the design will be revised accordingly and therefore, the post-development flows shown below are only estimates and may vary. As stated above, the post-development flows will remain lower than the pre-development flows for all three design storms.

| Comparison of Existing and Proposed Peak Discharge Rates (6"/hour infiltration) | | | | | | |
|---|----------------------------|----------------|-----------------------------|----------------|------------------------------|----------------|
| | 1-Year 24-Hour Storm Event | | 10-Year 24-Hour Storm Event | | 100-Year 24-Hour Storm Event | |
| Discharge Point | Existing (cfs) | Proposed (cfs) | Existing (cfs) | Proposed (cfs) | Existing (cfs) | Proposed (cfs) |
| Basin 1 Tie In location | 12.00 | 0.89 | 20.09 | 6.14 | 31.49 | 9.51 |
| Basin 2 Tie In Location | 33.54 | 0.52 | 66.05 | 5.69 | 117.18 | 13.24 |

| Comparison of Existing and Proposed Peak Discharge Rates (1"/hour infiltration) | | | | | | |
|---|----------------------------|----------------|-----------------------------|----------------|------------------------------|----------------|
| | 1-Year 24-Hour Storm Event | | 10-Year 24-Hour Storm Event | | 100-Year 24-Hour Storm Event | |
| Discharge Point | Existing (cfs) | Proposed (cfs) | Existing (cfs) | Proposed (cfs) | Existing (cfs) | Proposed (cfs) |
| Basin 1 Tie In location | 12.00 | 4.67 | 20.09 | 14.24 | 31.49 | 14.25 |
| Basin 2 Tie In Location | 33.54 | 2.95 | 66.05 | 12.52 | 117.18 | 19.44 |

STORMWATER DRAINAGE REPORT

for

Life Sciences Public Health Laboratory

Wadsworth Center, NYS

Department of Health

Albany NY 12226

Prepared for:

New York State Department of Health

Wadsworth Center Empire State,

Albany, NY 12237

August 16, 2024

YU Project No. 24089

HOK PROJECT #22.07009.00



611 River Drive, 3rd Floor, Elmwood Park, NJ 07407

Tel: 201-791-0075 • Fax: 201-791-4533

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1.0 INTRODUCTION

The Dormitory Authority of the State of New York (DASNY) plans to construct a state-of-the-art Life Sciences Public Health Laboratory (LSPHL) on the W. Averell Harriman State Office Building Campus in Albany, NY for the New York State Department of Health (DOH). The land within DASNY's limit of disturbance (Site) is approximately 27-acres in the southeast section of the Harriman Campus. Part of this construction entails stormwater drainage infrastructure improvements including new pipes, catch basins, manholes and water quality treatment devices will be constructed. This report captures the preliminary drainage design approach, design criteria, design assumptions, and hydrologic and hydraulic analyses results associated with the new subsurface drainage system.

1.1 Project Location

The 27-acre site is located on the east end of the campus property, as shown below, where it was previously home to the Harriman's Campus' Buildings 1/1A (demolished in 2014) and 2 (demolished in 2016). The site is currently owned by the New York State Office of General Services (OGS). The project boundary is the cyan line and the red inner line represents the 50ft offset required by DOH.

Figure 1-1: Site Location Map



1.2 Reference Documents

The following guidance and reference documents apply to this Project:

- a) New York State Office of General Services (OGS)
 - NYSOGS SE341 Storm Sewer Master Plan -Final (Last Updated April 2024, Reviewed/Released 2024) Ref: "NYSOGS SSMP"
- b) Dormitory Authority of the State of New York (DASNY)

- DASNY Design Professional Submission Requirements (Last Updated December 2013 v3.2) Ref: “DASNY Exhibit H”
 - NYSPHL_PROGRAMMING AND PRE-SCHEMATIC SUBMISSION – VOL 2 (Last Update May 7, 2023) Ref: “NYSPHL PPS Vol.2”
- c) New York State Department of Environmental Conservation (NYSDEC)
- New York State Stormwater Management Design Manual, July 2024 – Ref: “NYSDEC SWMDM 2024”
 - NYS DEC 6 NYCRR Parts 649 through 941 (N/A – New York State Code)
 - NYS DEC SEQR (N/A – New York State Code)
- d) City of Albany
- City of Albany Unified Sustainable Development Ordinance (City of Albany Code)
 - City of Albany Stormwater Management and Erosion Control (City of Albany Code)
- e) Prior Site Evaluation Report prepared for DASNY
- New York State Life Sciences Public Health Laboratory Harriman Campus Site Evaluation Report (Last Updated May 2018) Ref: “CHA Site Report”

Analysis and review of the above documents has determined that the NYSDEC Stormwater Management Design Manual, July 2024, to be the most restrictive and governs the design for this project.

1.3 Existing Site Conditions and Drainage Network

The Harriman campus was built during the 1950s and 1960s and the existing storm drainage system is assumed to be the same age. Multiple sub surface utility networks have been identified within the project site. These consist of water, sanitary, communications, gas, electric, steam, and stormwater networks. The existing stormwater system within the bounds of the site consists of multiple networks of pipes, catch basins and manholes. These networks initially discharge to systems to the north and west of the site, but ultimately converge to a trunk line, which is located southwest of the campus. The existing site is split into two catchment areas, which will be referred to in this report as the West Drainage Area and North Drainage Area. The West Drainage Area discharges at the western end of the site and will be referred to as Discharge Point 1. The North drainage area discharges to the north of the site and will be referred to as Discharge Point 2. These two discharge points within the existing system will be the focus of the analysis when comparing pre and post construction peak flow rates. There are no known stormwater management (SWM) or water quality (WQ) treatment practices on site. Refer to Appendix A for the Existing Drainage Area figure, which shows the breakdown of the two drainage areas and locations of the discharge points mentioned above.

1.4 Proposed Conditions

The proposed stormwater system consists of pipes, catch basins, manholes, and stormwater quality and control systems designed per NYSDEC 2024 Stormwater Design Manual, NYS DEC SEQR (4th edition, 2020) handbook, City of Albany Unified Sustainable

Development Ordinance (City of Albany Code), City of Albany Stormwater Management and Erosion Control (City of Albany Code)

Per the NYSDEC 2024 Stormwater Design Manual (Section 4.11), “The 10-year design storm is recommended as minimum sizing criterion for closed conveyance systems”, which the proposed drainage system has been designed to. The proposed site (approximately 27 acres in size) has been divided into two drainage areas: Infiltration Basin 1 (Western edge of site) and Infiltration Basin 2 (Southern edge of site). Infiltration Basin 1 discharges into Discharge Point 1 of the existing system and Infiltration Basin 2 discharges into Discharge Point 2. Due to the layout, grading and utility design of the site, existing drainage patterns were not maintained. However, the analysis of these two discharge points in pre and post construction conditions will show that peak flow discharge rates are being reduced. Refer to Appendix A for the Proposed Drainage Area figure, which shows the breakdown of the two drainage areas and locations of the discharge points mentioned above.

2.0 DESIGN APPROACH

The proposed stormwater drainage system is designed to convey runoff from the new Public Health Lab building and Site to the two stormwater management basins, and ultimately existing outfalls. It is designed to convey the 10-year 24-hour rainfall event. The two stormwater management basins have been sized to meet the water quality volume (WQv) and runoff reduction volume (RRv), per NYSDEC requirements. These volumes are further defined in Section 4.0 below. The NYSDEC Stormwater Manual requires the RRv to be equal to the WQv. Per NYSDEC Stormwater Manual, the WQv is required to treat and

reduce 80% Total Suspended Solids (TSS) and 40% Total Phosphorous (TP) and the proposed infiltration basins achieve these requirements.

For the purposes of the preliminary drainage design, an infiltration rate of 6 inches / hour is assumed for this site, which is a conservative estimation based upon available data from elsewhere on the Harriman Campus. Field investigations are on-going, and this design may be revised based upon the results of these investigations.

2.1 Western Drainage

The catchment area for Infiltration Basin 1 is approximately 19.16 acres in size and includes the proposed parking lot, western entrance roadway and associated landscaped areas. This catchment area bisects the site near the western edge of the building, extending north and south to the property line. The entire site to the west of this line drains to Infiltration Basin 1. Infiltration Basin 1 has a footprint of approximately 30,000 sf and a depth of 3 ft, to retain and treat the water quality volume (WQv), and is designed and graded in accordance with the NYSDEC Stormwater Design Manual. The assumed infiltration rate for this basin is 6 inch / hour. The Design-Build Team is currently performing on-site field investigations and infiltration tests, which may impact this assumed value. This basin consists of a forebay pretreatment basin which is sized to hold 25% of the required WQv, per NYSDEC requirements, based on the assumed 6 inches / hour infiltration rate. Per the NYSDEC Stormwater Design manual, the stormwater conveyance system will discharge into the pretreatment forebay. The assumed infiltration rate of 6 inches / hour will allow this forebay to accommodate a significant portion of the stormwater runoff. As the forebay reaches capacity, it then overflows into the remainder of the basin, which is sized to accommodate

the remaining 75% of the WQv and RRv. In the event a storm event conveys more water than can be exfiltrated, an outlet control structure will convey the water to the existing drainage system located at the western edge of the site. The outlet of this basin drains to the west to Discharge Point 1. As the on-site investigations are completed, this design will be reviewed and potentially based on the results of said investigations.

2.2 Northern Drainage

The catchment area for Infiltration Basin 2 is approximately 7.85 acres in size and includes the loading dock area, eastern access roadway, runoff from the roof of the proposed building and associated landscaped areas. This catchment area bisects the site near the western edge of the building, extending north and south to the property line. The entire site to the east of this line drains to Infiltration Basin 2. Infiltration Basin 2 has a footprint of approximately 12,000 sf and a depth of 2 ft, to retain and treat the water quality volume (WQv), which is designed similarly to Infiltration 1, as per the NYSDEC Stormwater Design Manual. Again, the infiltration rate is assumed to be 6 inches / hour and the basin is designed accordingly. The pretreatment forebay is sized to accommodate 25% of the WQv and the entire basin will act similarly to Infiltration Basin 1, as outlined above. In the event a storm event conveys more water than can be exfiltrated, an outlet control structure will convey the water to the existing drainage system located to the north off-site. The outlet of this basin is drains north through the proposed parking lot and ultimately discharges at Discharge Point 2. While this basin is located on the southern edge of the site, the outflow is conveyed via a proposed subsurface drainage system to Discharge Point 2. As the on-site

investigations are completed, this design will be reviewed and potentially based on the results of said investigations.

3.0 DRAINAGE ANALYSIS

3.1 Hydrology

3.1.1 Rainfall Intensity

The rainfall intensity used within the hydraulic model conforms to the regional intensity per the NRCC and NRCS joint collaborative website (<http://precip.eas.cornell.edu>), as provided in Section 4.9 of NYSDEC Stormwater Design Manual. The precipitation depths provided by this website can be seen below.

Table 3-1: Precipitation Depths

Note: All precipitation depths amounts are in inches

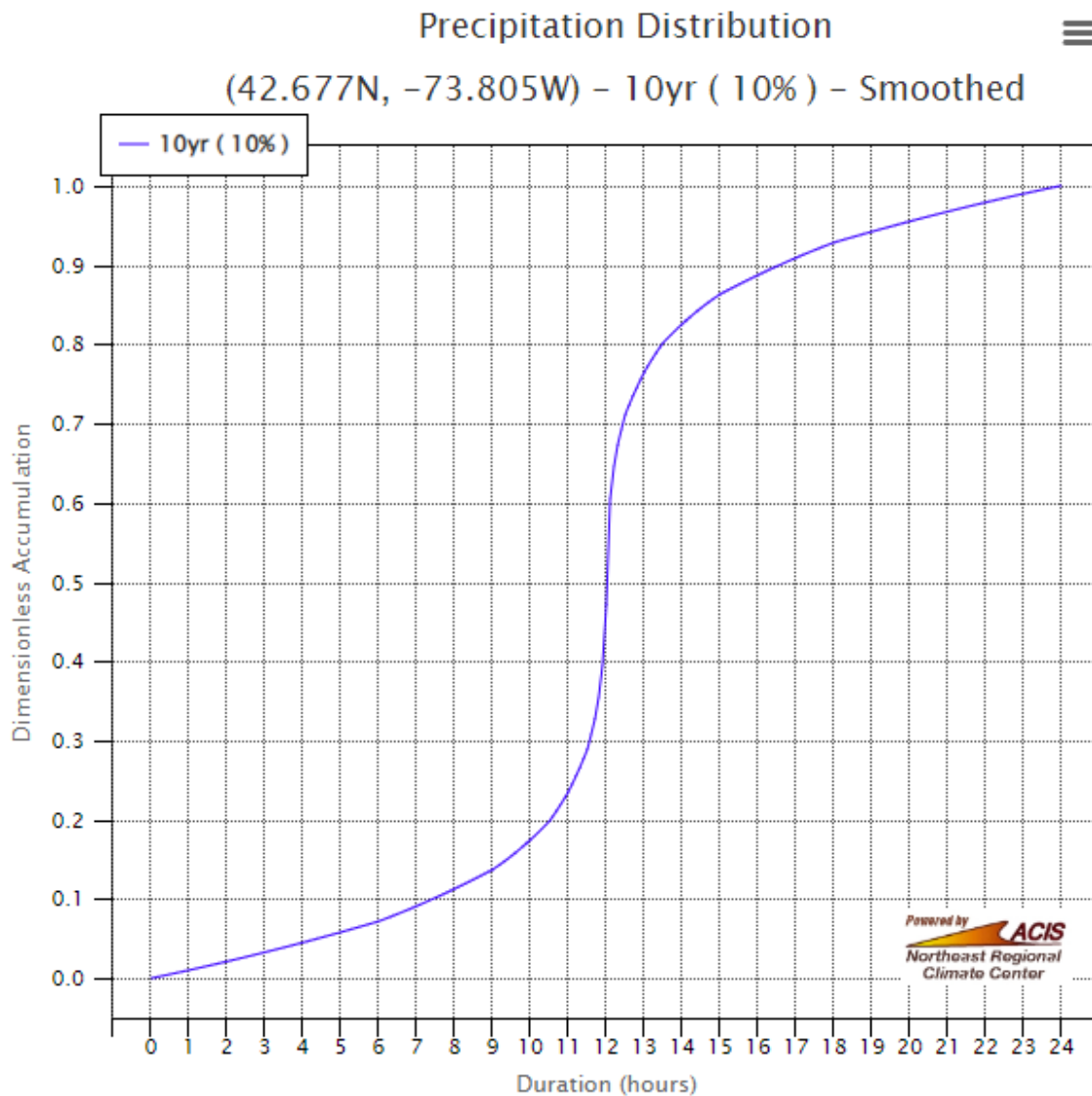
Extreme Precipitation Estimates

| | 5min | 10min | 15min | 30min | 60min | 120min | | 1hr | 2hr | 3hr | 6hr | 12hr | 24hr | 48hr |
|-------|------|-------|-------|-------|-------|--------|-------|------|------|------|------|------|------|-------|
| 1yr | 0.28 | 0.43 | 0.53 | 0.70 | 0.88 | 1.09 | 1yr | 0.76 | 0.95 | 1.24 | 1.51 | 1.84 | 2.22 | 2.50 |
| 2yr | 0.34 | 0.53 | 0.65 | 0.86 | 1.08 | 1.34 | 2yr | 0.94 | 1.20 | 1.52 | 1.84 | 2.20 | 2.60 | 2.93 |
| 5yr | 0.40 | 0.63 | 0.79 | 1.06 | 1.35 | 1.68 | 5yr | 1.16 | 1.46 | 1.91 | 2.30 | 2.73 | 3.21 | 3.64 |
| 10yr | 0.45 | 0.71 | 0.90 | 1.22 | 1.59 | 1.99 | 10yr | 1.37 | 1.70 | 2.27 | 2.73 | 3.22 | 3.76 | 4.28 |
| 25yr | 0.54 | 0.85 | 1.08 | 1.49 | 1.98 | 2.49 | 25yr | 1.71 | 2.08 | 2.85 | 3.41 | 4.01 | 4.64 | 5.32 |
| 50yr | 0.60 | 0.96 | 1.24 | 1.74 | 2.34 | 2.97 | 50yr | 2.02 | 2.42 | 3.40 | 4.06 | 4.74 | 5.45 | 6.27 |
| 100yr | 0.69 | 1.11 | 1.44 | 2.03 | 2.77 | 3.52 | 100yr | 2.39 | 2.81 | 4.03 | 4.80 | 5.59 | 6.40 | 7.40 |
| 200yr | 0.78 | 1.28 | 1.65 | 2.37 | 3.28 | 4.19 | 200yr | 2.83 | 3.28 | 4.79 | 5.70 | 6.61 | 7.52 | 8.74 |
| 500yr | 0.94 | 1.54 | 2.01 | 2.92 | 4.10 | 5.25 | 500yr | 3.53 | 4.02 | 6.01 | 7.13 | 8.24 | 9.32 | 10.90 |

For more accurate analysis of stormwater conveyance and infiltration volumes, a continuous simulation hydraulic model was developed. To run this model, a 10-year storm event distribution curve was developed using the precipitation estimates above, as well as

a precipitation distribution provided by the NRCC and NRCS joint collaborative website. The distribution for the 10-year storm provided by the website can be seen below.

Figure 3-1: 10-Year Storm Distribution Curve



Using the precipitation depth of 3.76 inches for the 10-year 24-hour storm (Table 3-1) and fitting this depth to the distribution curve for the 10-year storm event (Figure 3-1), we were able to develop the 10-year 24-hour storm distribution curve for the hydraulic model.

3.1.2 Catchment Areas

All proposed inlets within the work area had catchments delineated based up on the proposed grading surface within Civil 3D. Roof runoff from the proposed building will be conveyed through a series of downspouts, which are directly conveyed into the stormwater management system.

3.1.3 Runoff Coefficients

For analysis using the 10-year 24-hour storm distribution curve developed, a SCS CN number of 98 was used for impervious areas and 74 was used for pervious areas.

3.1.4 Time of Concentration

The minimum time of concentration (T_c), per the NYSDEC Stormwater Design Manual, of 6 minutes was used for all catchment areas.

4.0 STORMWATER REQUIREMENTS

4.1 Water Quality Volume

Per Section 3.3 for the NYSDEC Stormwater Design Manual, the proposed project is required to capture and treat the full water quality volume (WQv). Section 4.2 of the Manual explains how to calculate the required WQv, which can be seen below.

Figure 4.1 – Water Quality Volume Equation:

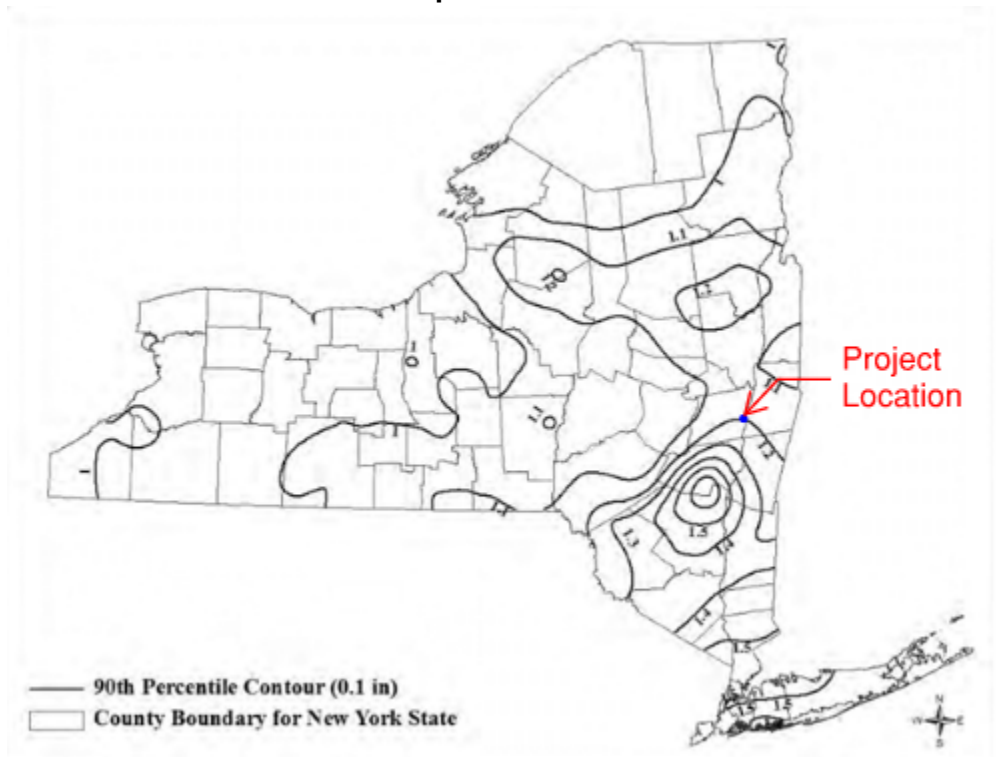
$$WQv = \frac{P \cdot R_v \cdot A}{12}$$

Where:

- WQ_v = water quality volume (in acre-feet)
- P = 90% Rainfall Event Number
- R_v = 0.05 + 0.009(I), where I is percent impervious cover
- A = contributing area (acres)

Determining the “P” value shown above, requires locating the project site location on the 90th percentile rainfall map, which is also provided in the Manual later in Section 4.2. This map can be seen below.

Figure 4.2 – 90th Percentile Rainfall Map:



As shown, the project site is located within the 1.2” contour on the map above.

4.1.1 Infiltration Basin 1

The water quality volume calculated per the catchment area being conveyed to Infiltration Basin 1 is approximately 69,000 cubic feet. As noted above, it is assumed that this infiltration basin has an infiltration rate of 6 inches / hour, however, pending infiltration test results, the design and makeup of this basin is subject to change. This basin is adequately designed to store and treat the WQv required by the NYSDEC. Water quality and sizing calculations for Infiltration Basin 1 can be seen in Appendix B – Water Quality Calculations.

4.1.2 Infiltration Basin 2

The water quality volume calculated per the catchment area being conveyed to Infiltration Basin 2 is approximately 21,000 cubic feet. As noted above, it is assumed that this infiltration basin has an infiltration rate of 6 inches / hour, however, pending infiltration test results, the design and makeup of this basin is subject to change. This basin is adequately designed to store and treat the WQv required by the NYSDEC Manual. Water quality and sizing calculations for Infiltration Basin 2 can be seen in Appendix B – Water Quality Calculations.

4.2 Runoff Reduction Volume

Per Section 3.2 for the NYSDEC Stormwater Design Manual, the project is required to reduce runoff volume, peak flow, and flow duration. Runoff reduction can be achieved by either infiltration, groundwater recharge, reuse, recycle, evaporation or evapotranspiration. The runoff reduction volume (RRv) credit is based on which green infrastructure practice is used and the storage volumes of those practices. Per Fact Sheet: Infiltration Basin (I-2) within chapter 6 of the NYSEDEC Stormwater Design Manual, infiltration basins are provided a 100% runoff reduction volume credit. As both Infiltration Basin 1 and Infiltration Basin 2 have been designed to treat and infiltrate their respective water quality volumes, the RRv requirements put forth by the NYSDEC are being met.

Hydrographs comparing the pre and post construction peak runoff rates for the 10-year and 100-year 24-hour storm events were also developed. Pursuant to the NYSDEC requirements found in Section 4.10 of the Stormwater Design Manual, the pre and post

construction hydrographs confirm that peak flow rates are not being increased from the pre to post construction conditions.

5.0 HYDRAULIC MODELING

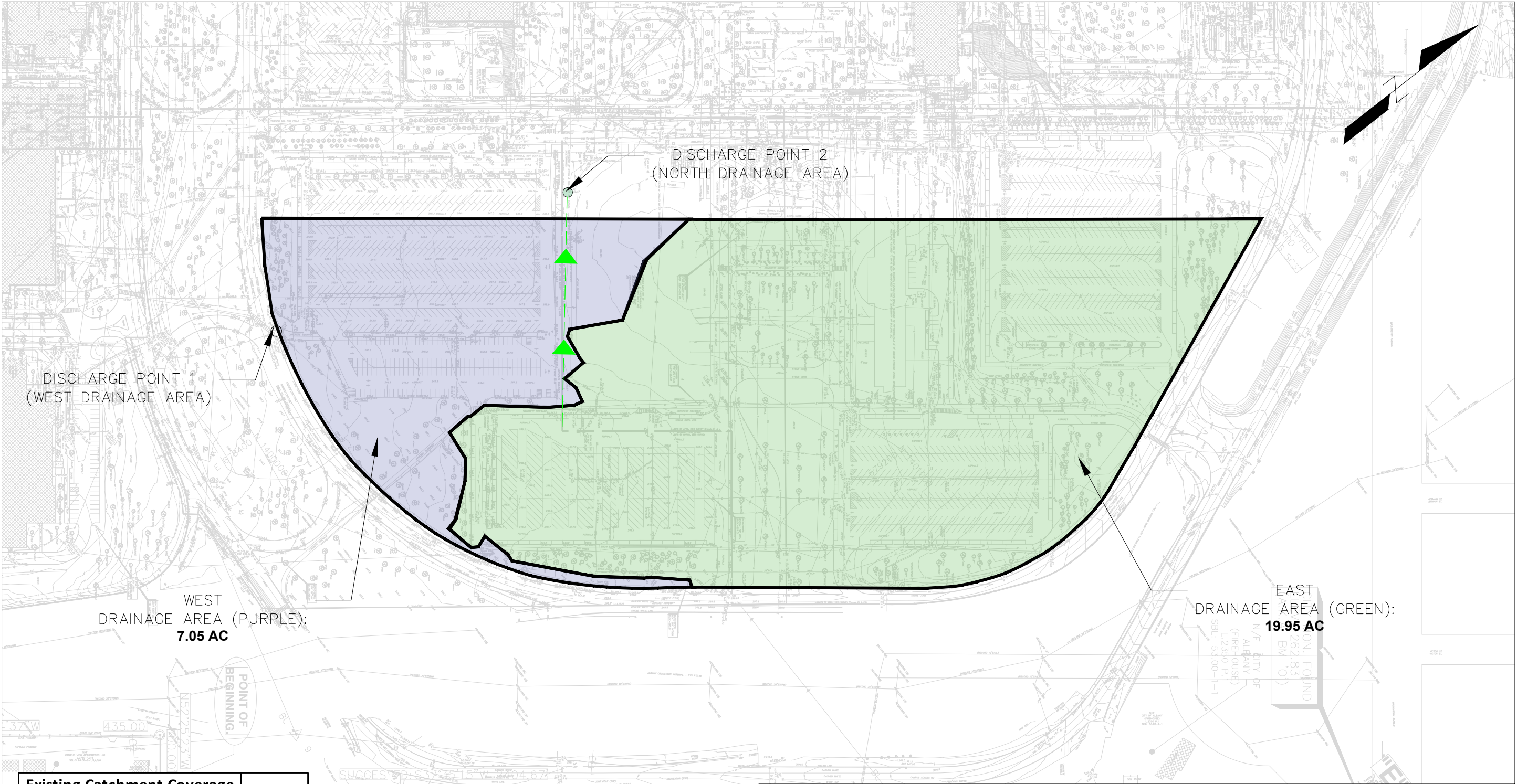
Bentley CivilStorm Connect Edition Update 3 (10.03.04.53) was utilized for stormwater design and analysis of proposed stormwater design. The hydraulic analysis was done using computer modeling in continuous simulation model to account for the proposed conditions and methods used to calculate conveyance, peak flows and infiltration volumes. The modeling results are included as Appendix C – Hydraulic Modeling Calculations

6.0 CONCLUSION

The proposed stormwater drainage system for the project, incorporating subsurface conveyance, infiltration basins (for WQv and RRv), and 100% RRv through infiltration, follows NYSDEC regulations. This design effectively addresses stormwater management needs, reducing runoff, improving water quality, and replenishing groundwater. While the assumed infiltration rate is subject to field verification, the overall system provides a viable solution for the site.

Appendix A – Drainage Figures

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| Existing Catchment Coverage Calculations | (AC) |
|--|-------|
| WEST DRAINAGE AREA (PURPLE): | 7.05 |
| EAST DRAINAGE AREA (GREEN): | 19.95 |
| Total: | 27.00 |

(RECORD: S37°34'37".V 2404.34')

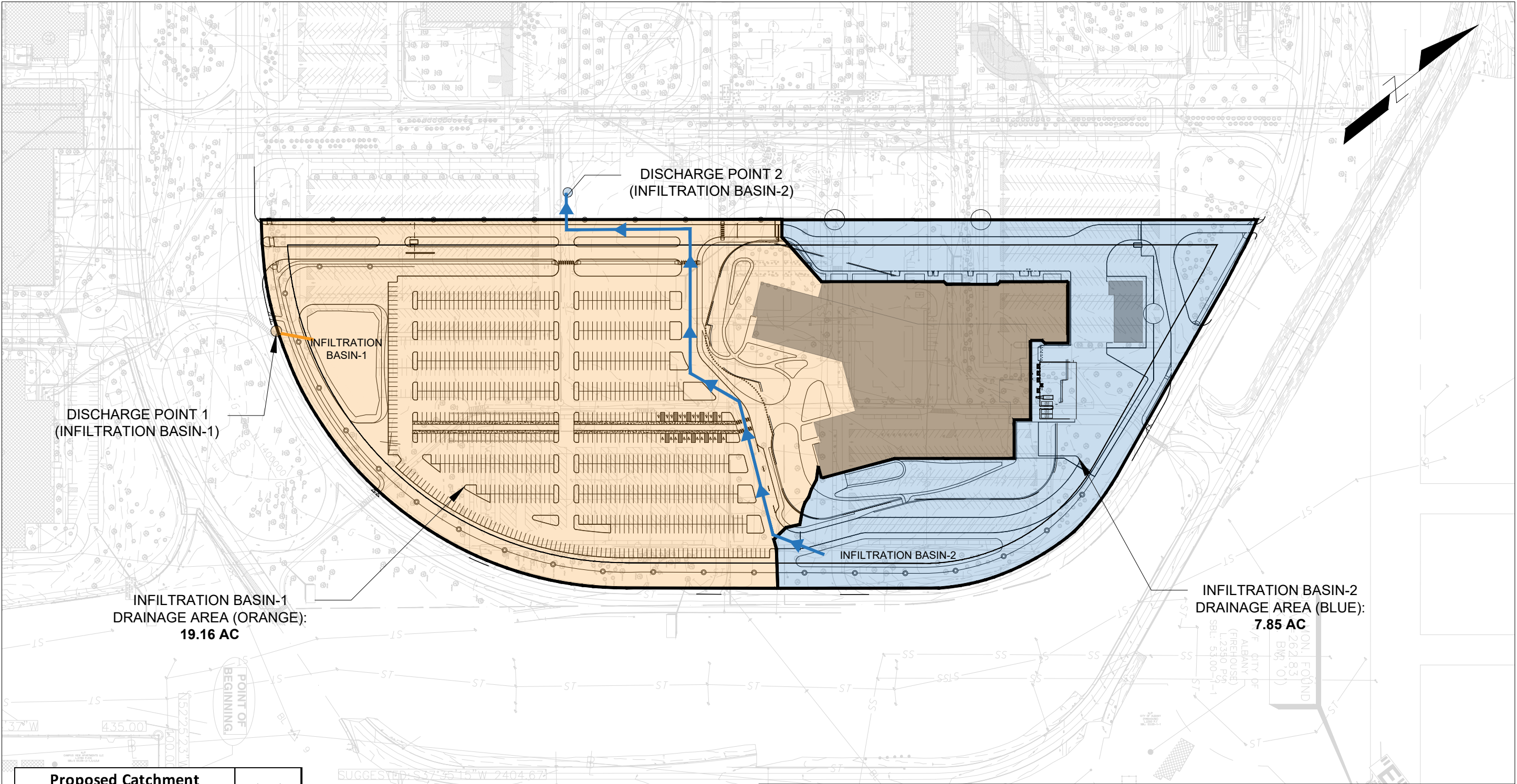
YU & Associates Engineers, P.C.
Geotechnical, Environmental and Civil Engineering
611 River Drive - 3rd Floor
Elmwood Park, NJ 07407
Tel: (201) 791-0075
Fax: (201) 791-4533

EXISTING DRAINAGE AREA

NEW YORK

JOB NO.: 24089 SCALE: N/A DATE: 8/16/2024 FIG. XXX

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| Proposed Catchment Coverage Calculations | (AC) |
|---|-------|
| INFILTRATION BASIN-1: DRAINAGE AREA (ORANGE): | 19.16 |
| INFILTRATION BASIN-2: DRAINAGE AREA (BLUE): | 7.85 |
| Total: | 27.00 |

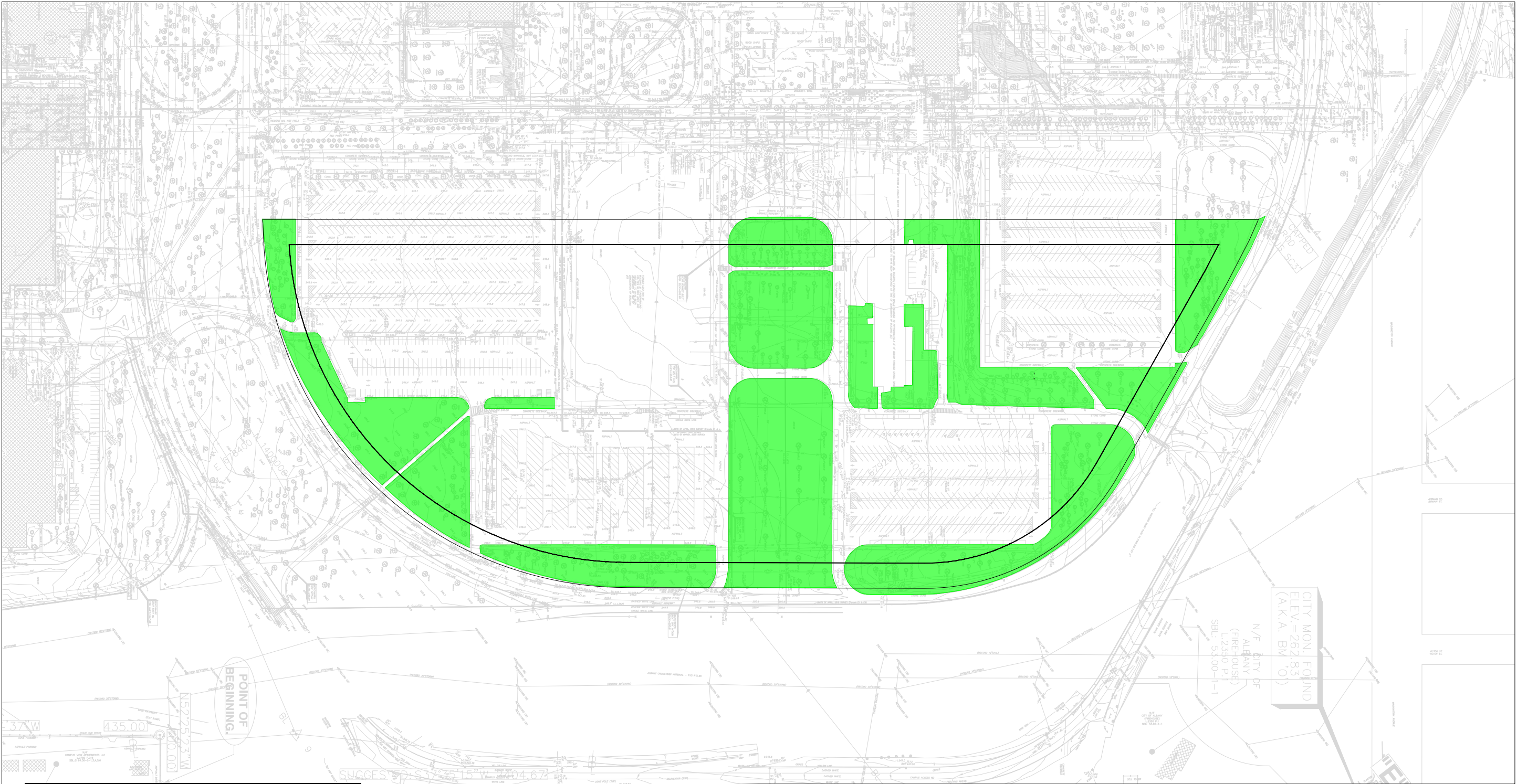
YU & Associates Engineers, P.C.
Geotechnical, Environmental and Civil Engineering
611 River Drive - 3rd Floor
Elmwood Park, NJ 07407
Tel: (201) 791-0075
Fax: (201) 791-4533

PROPOSED DRAINAGE AREA

NEW YORK

JOB NO.: 24089 SCALE: XXX DATE: 8/16/2024 FIG. XXX

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| Existing Coverage Calculations | (AC) |
|--------------------------------|-------|
| Pervious: | 9.61 |
| Impervious: | 17.38 |
| Total: | 26.99 |

LEGEND



PERVIOUS AREA



IMPERVIOUS AREA



& Associates Engineers, P.C.
Geotechnical, Environmental and Civil Engineering

611 River Drive - 3rd Floor
Elmwood Park, NJ 07407

Tel: (201) 791-0075
Fax: (201) 791-4533

EXISTING PERVIOUS &
IMPERVIOUS AREA

NEW YORK

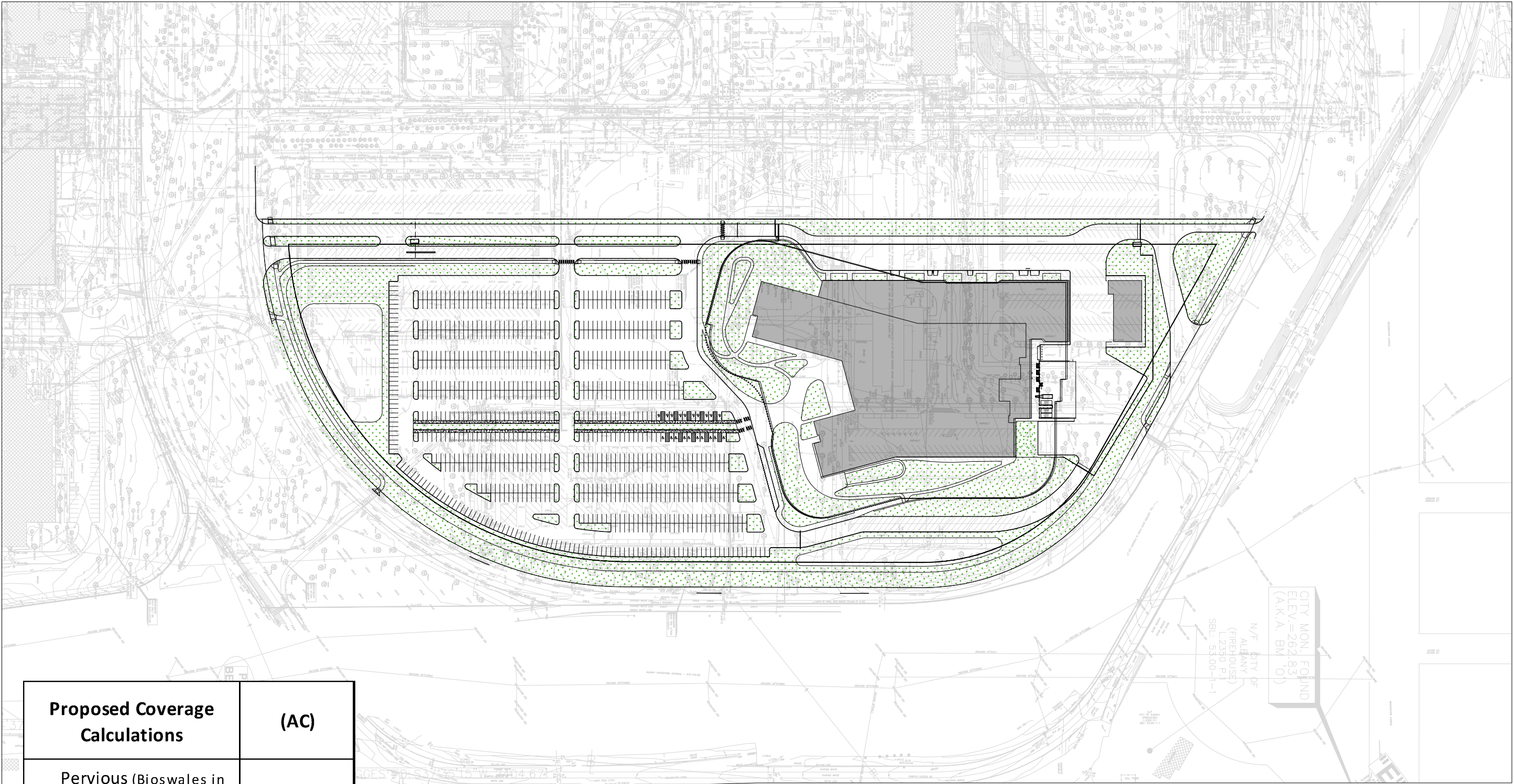
JOB NO.: 24089

SCALE: N/A

DATE: 8/16/2024

FIG. XXX

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| Proposed Coverage Calculations | (AC) |
|--------------------------------------|-------|
| Pervious (Bioswales in parking lot): | 1.12 |
| Pervious: | 7.88 |
| Impervious: | 19.12 |
| Total: | 26.99 |
| Increasing Impervious By: | 1.74 |

LEGEND



PERVIOUS AREA



IMPERVIOUS AREA



& Associates Engineers, P.C.
Geotechnical, Environmental and Civil Engineering

611 River Drive - 3rd Floor
Elmwood Park, NJ 07407

Tel: (201) 791-0075
Fax: (201) 791-4533

PROPOSED PERVIOUS &
IMPERVIOUS AREA

NEW YORK

JOB NO.: 24089

SCALE: N/A

DATE: 8/16/2024

FIG. XXX

Appendix B – Water Quality Calculations

RUNOFF RATE & WATER QUALITY VOLUME - Infiltration Basin 1 - WEST

$$C_w = \frac{\sum C \cdot A}{\sum A}$$

| | Area (ft ²) | CN (Curve Number) | CN · A |
|----------------------|-------------------------|-------------------|-----------|
| Concrete / Asphalt | 601,291 | 0.85 | 511,097.1 |
| Grass | 233,103 | 0.20 | 46,620.6 |
| A (ft ²) | 834,394 | | |
| | | A (acres) | 19.16 |

$$Q = CN_w \cdot i \cdot A$$

$$C_w = 0.67$$

$$WQ_v = \left(\frac{1.2}{12}\right) \cdot A \cdot R_v$$

$$R_v = 0.05 + (0.009 \cdot I)$$

I PERCENT IMPERVIOUS
Rv RUNOFF COEFFICIENT
A TOTAL AREA

I 72.06 %
Rv 0.70
WQv 72,860.16 cf 2698.525 QY

$$WQ_v = \left(\frac{1.2}{12}\right) \cdot A \cdot R_v$$

TOTAL WQv 72,860.16 cf

Storage Volume Equations from Section 7.2 Sizing Example - Filtration Bioretention & Infiltration Basin for treatment of Stormwater Hotspot

STORAGE VOLUME

1) MINIMUM BASIN BOTTOM AREA

$$A_B (MIN) = \frac{WQ_v}{d_b}$$

WQ_v WATER QUALITY VOLUME
d_b DEPTH OF BASIN

WQ_v 72,860.16
d_b 3.00 ft
A_T (MIN.) 24,286.72 sf

2) CALCULATE ACTUAL BASIN BOTTOM AREA

$$A_B = \frac{WQ_v}{d_b}$$

WQ_v WATER QUALITY VOLUME
d_b DEPTH OF BASIN

WQ_v 72860.16
d_b 3.00 ft
A_B 30,000.00 sf
V_b 90,000.00 cf

V_b > WQ_v? YES

Drawdown Time (Infiltration Practices)

$$dt = \frac{V_b}{((1/12) \cdot A_B)}$$

Infiltration Rate (in/hr): 6

dt 6.00 hrs
Drawdown time <= 48 hours YES

RUNOFF RATE & WATER QUALITY VOLUME - Infiltration Basin 2 - South

$$C_W = \frac{\sum C \cdot A}{\sum A}$$

| ΣA | | Area (ft ²) | CN (Curve Number) | CN · A |
|----------------------|--|-------------------------|-------------------|-----------|
| Concrete / Asphalt | | 160,809 | 0.85 | 136,687.7 |
| Grass | | 181,105 | 0.20 | 36,221.0 |
| A (ft ²) | | 341,914 | | A (acres) |

$Q = CN_w \cdot i \cdot A$

7.85

$$Q = CN_W \cdot i \cdot A$$

$$CN_w = 0.51$$

$$WQ_V = \left(\frac{1.2}{12}\right) * A * R_V$$

$$R_V = 0.05 + (0.009 * I)$$

I PERCENT IMPERVIOUS
Rv RUNOFF COEFFICIENT
A TOTAL AREA

| | | |
|-----|-----------|----|
| I | 47.03 | % |
| Rv | 0.47 | |
| WQv | 20,227.98 | cf |

$$WQ_V = \left(\frac{1.2}{12}\right) * A * R_V$$

| | | |
|------------------|------------------|-----------|
| TOTAL WQv | 20,227.98 | cf |
|------------------|------------------|-----------|

Storage Volume Equations from Section 7.2 Sizing Example - Filtration Bioretention & Infiltration Basin for treatment of Stormwater Hotspot

STORAGE VOLUME

1) MINIMUM BASIN BOTTOM AREA

$$A_B (MIN) = \frac{WQ_V}{d_B}$$

WQ_v WATER QUALITY VOLUME
d_b DEPTH OF BASIN

| | | |
|-----------------------|-----------|----|
| WQ _v | 20227.98 | |
| d _t | 2.00 | ft |
| A _T (MIN.) | 10,113.99 | sf |

2) CALCULATE ACTUAL BASIN BOTTOM AREA

$$A_B = \frac{WQ_V}{d_B}$$

WQ_v WATER QUALITY VOLUME
d_b DEPTH OF BASIN

| | | |
|-----------------|-----------|----|
| WQ _v | 20227.98 | ft |
| d _t | 2.00 | ft |
| A _B | 11,555.10 | sf |
| V _T | 23,110.20 | cf |

$V_T > WQ_V$? **YES**

Drawdown Time (Infiltration Practices)

$$dt = \frac{V_T}{((i/12) * AT)}$$

Infiltration Rate (in/hr): 6

| | | |
|---------------------------|------|-----|
| dt | 4.00 | hrs |
| Drawdown time <= 48 hours | YES | |

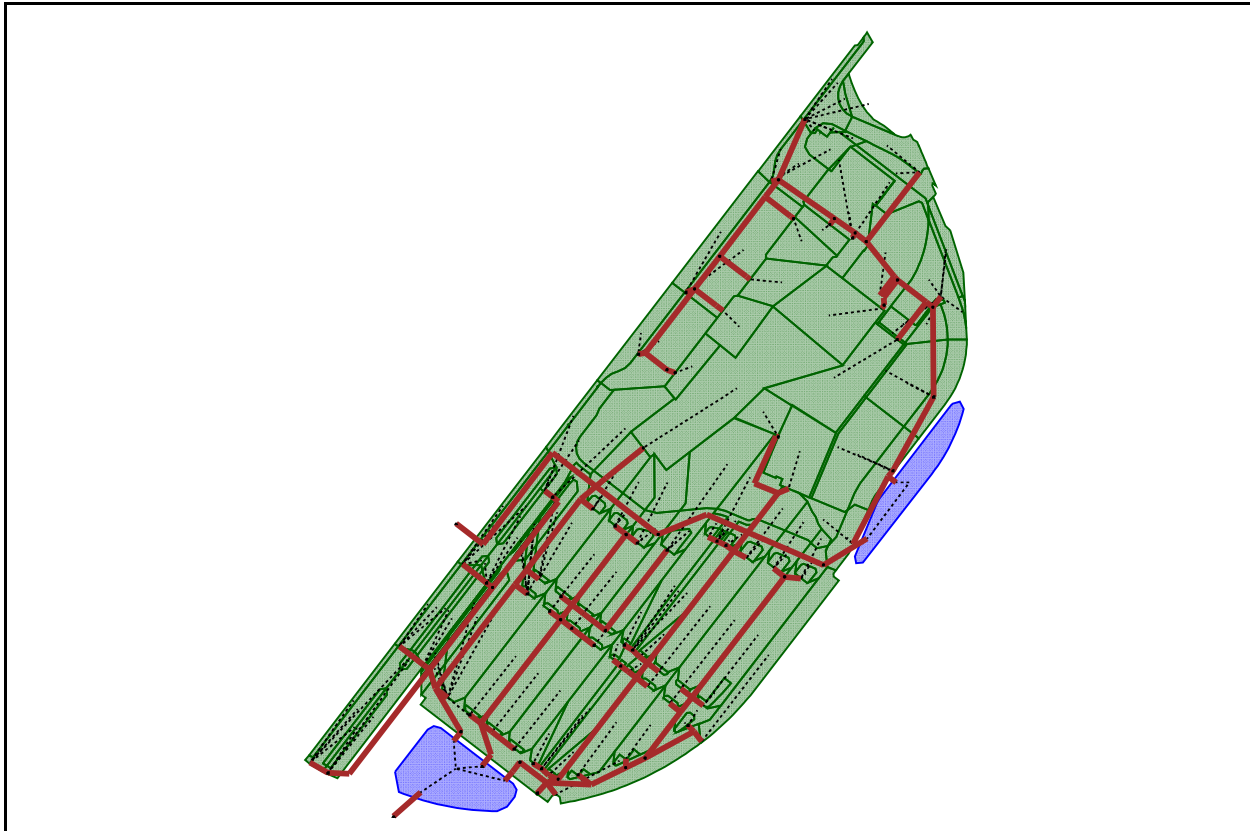
Appendix C – Hydraulic Modeling Calculations

Albany Public Health Lab Hydrology Calculations

Hydraulic Model Properties

| | |
|----------|---|
| Title | P:\24\24089 Albany Life Sciences Public Health Lab\400_Technical\405_Civil\405.01_CAD\405.01.03_Model\24089-C-UTL- STORM-3D.dwg |
| Engineer | |
| Company | |
| Date | 8/14/2024 |
| Notes | |

site - Time: 0.00 hours



Network Inventory

| | | | |
|----------------------|-----|------------------------|-----|
| Conduit | 129 | Transition | 0 |
| -Circle | 129 | Cross Section | 0 |
| -Box | 0 | Outfall | 6 |
| -Ellipse | 0 | Catchment | 167 |
| -Virtual | 0 | Low Impact Development | 0 |
| -Irregular Channel | 0 | Pond | 2 |
| -Trapezoidal Channel | 0 | Pond Outlet Structure | 2 |
| -Triangular Channel | 0 | Headwall | 0 |
| -Rectangular Channel | 0 | Pump | 0 |
| -Pipe-Arch | 0 | Wet Well | 0 |

Albany Public Health Lab Hydrology Calculations

| Network Inventory | | | |
|---|----|-----------------------------|---|
| Lateral | 0 | Pressure Junction | 0 |
| Channel | 0 | SCADA Element | 0 |
| Gutter | 0 | Pump Station | 0 |
| Pressure Pipe | 0 | Variable Speed Pump Battery | 0 |
| Catch Basin | 62 | Air Valve | 0 |
| -Maximum Capacity | 0 | Grid | 0 |
| -Inflow-Capture Curve | 0 | Surface Polygon | 0 |
| -Full Capture | 0 | Surface Polyline | 0 |
| -Catalog Inlet | 62 | Boundary Line | 0 |
| --Campbell 3408 (Gutter Depth vs. Captured Flow) | 62 | Boundary Point | 0 |
| Manhole | 65 | Surface Point | 0 |
| Property Connection | 0 | Profile Path | 0 |
| Tap | 0 | | |

Albany Public Health Lab Hydrology Calculations

| Scenario Summary | |
|----------------------------|------------------------------|
| ID | 1 |
| Label | Base |
| Notes | |
| Active Topology | Base Active Topology |
| User Data Extensions | Base User Data Extensions |
| Physical | Base Physical |
| Boundary Condition | Base Boundary Condition |
| Initial Settings | Base Initial Settings |
| Hydrology | Base Hydrology |
| Output | Base Output |
| Infiltration and Inflow | Base Infiltration and Inflow |
| Rainfall Runoff | Base Rainfall Runoff |
| Water Quality | Base Water Quality |
| Sanitary Loading | Base Sanitary Loading |
| Headloss | Base Headloss |
| Operational | Base Operational |
| Design | Base Design |
| System Flows | Base System Flows |
| Energy Cost | Base Energy Cost |
| Surface Definition | Base Surface Definition |
| SCADA | Base SCADA |
| Solver Calculation Options | Base Calculation Options |

Albany Public Health Lab Hydrology Calculations

| Hydraulic Summary | | | |
|-------------------------|--------------------------------|--------------------------|-------|
| Active Numerical Solver | Implicit | Output Increment | 0.050 |
| | (SewerGEMS Dynamic Wave) | | |
| Simulation Start Date | 1/1/2000 | Calculation Time Step | 0.025 |
| Simulation Start Time | 12:00 AM | Receding Limb Multiplier | 1.000 |
| Duration | 24.000 | Minimum Tc | 0.100 |

Albany Public Health Lab Hydrology Calculations

Catchment Table - Time: 0.00 hours

| ID | Label | Outflow Element | Area (Unified) (acres) | Flow (Maximum) (cfs) | SCS CN |
|-----|------------|-----------------|---------------------------|----------------------------|--------|
| 441 | IMP. CM-69 | CB-11 | 0.621 | 2.76 | 98 |
| 440 | IMP. CM-68 | CB-8 | 0.477 | 2.12 | 98 |
| 439 | IMP. CM-67 | CB-12 | 0.260 | 1.16 | 98 |
| 438 | IMP. CM-66 | CB-7 | 0.175 | 0.78 | 98 |
| 437 | IMP. CM-65 | CB-56 | 0.171 | 0.76 | 98 |
| 436 | IMP. CM-64 | CB-56 | 0.145 | 0.64 | 98 |
| 435 | IMP. CM-63 | CB-14 | 0.563 | 2.50 | 98 |
| 434 | IMP. CM-62 | CB-17 | 0.008 | 0.04 | 98 |
| 433 | IMP. CM-61 | CB-17 | 0.073 | 0.33 | 98 |
| 432 | IMP. CM-60 | CB-13 | 0.028 | 0.13 | 98 |
| 431 | IMP. CM-59 | CB-15 | 0.016 | 0.07 | 98 |
| 430 | IMP. CM-58 | CB-61 | 0.579 | 2.57 | 98 |
| 429 | IMP. CM-57 | CB-17 | 0.366 | 1.62 | 98 |
| 428 | IMP. CM-56 | CB-15 | 0.214 | 0.95 | 98 |
| 427 | IMP. CM-55 | CB-13 | 0.185 | 0.82 | 98 |
| 426 | IMP. CM-54 | CB-62 | 0.132 | 0.58 | 98 |
| 425 | IMP. CM-53 | CB-50 | 0.368 | 1.63 | 98 |
| 424 | IMP. CM-52 | CB-53 | 0.068 | 0.30 | 98 |
| 423 | IMP. CM-51 | CB-49 | 0.443 | 1.96 | 98 |
| 422 | IMP. CM-50 | CB-46 | 0.067 | 0.30 | 98 |
| 421 | IMP. CM-49 | CB-54 | 0.199 | 0.88 | 98 |
| 420 | IMP. CM-48 | CB-48 | 0.053 | 0.24 | 98 |
| 419 | IMP. CM-47 | CB-47 | 0.436 | 1.93 | 98 |
| 418 | IMP. CM-46 | CB-45 | 0.083 | 0.37 | 98 |
| 417 | IMP. CM-45 | CB-44 | 0.328 | 1.46 | 98 |
| 416 | IMP. CM-44 | CB-51 | 0.428 | 1.90 | 98 |
| 414 | IMP. CM-42 | CB-38 | 0.053 | 0.23 | 98 |
| 413 | IMP. CM-41 | CB-37 | 0.411 | 1.82 | 98 |
| 412 | IMP. CM-40 | CB-36 | 0.086 | 0.38 | 98 |
| 411 | IMP. CM-39 | CB-33 | 0.052 | 0.23 | 98 |
| 410 | IMP. CM-38 | CB-40 | 0.201 | 0.89 | 98 |
| 409 | IMP. CM-37 | CB-40 | 0.191 | 0.85 | 98 |
| 408 | IMP. CM-36 | CB-60 | 0.046 | 0.20 | 98 |
| 407 | IMP. CM-35 | CB-58 | 0.021 | 0.09 | 98 |
| 406 | IMP. CM-34 | CB-41 | 0.022 | 0.10 | 98 |
| 405 | IMP. CM-33 | CB-34 | 0.383 | 1.70 | 98 |
| 404 | IMP. CM-32 | CB-57 | 0.045 | 0.20 | 98 |
| 403 | IMP. CM-31 | CB-42 | 0.051 | 0.23 | 98 |
| 402 | IMP. CM-30 | CB-35 | 0.028 | 0.12 | 98 |
| 401 | IMP. CM-29 | CB-59 | 0.039 | 0.18 | 98 |
| 400 | IMP. CM-28 | CB-43 | 0.024 | 0.11 | 98 |
| 399 | IMP. CM-27 | CB-55 | 0.099 | 0.44 | 98 |
| 398 | IMP. CM-26 | CB-32 | 0.289 | 1.28 | 98 |
| 397 | IMP. CM-25 | CB-31 | 0.047 | 0.21 | 98 |
| 396 | IMP. CM-24 | CB-30 | 0.376 | 1.67 | 98 |
| 395 | IMP. CM-23 | CB-26 | 0.376 | 1.67 | 98 |

Albany Public Health Lab Hydrology Calculations

Catchment Table - Time: 0.00 hours

| ID | Label | Outflow Element | Area (Unified) (acres) | Flow (Maximum) (cfs) | SCS CN |
|-----|------------|-----------------|---------------------------|----------------------------|--------|
| 394 | IMP. CM-22 | CB-27 | 0.047 | 0.21 | 98 |
| 393 | IMP. CM-21 | CB-28 | 0.251 | 1.12 | 98 |
| 392 | IMP. CM-20 | CB-29 | 0.082 | 0.36 | 98 |
| 391 | IMP. CM-19 | CB-19 | 0.063 | 0.28 | 98 |
| 390 | IMP. CM-18 | CB-23 | 0.253 | 1.12 | 98 |
| 389 | IMP. CM-17 | CB-24 | 0.047 | 0.21 | 98 |
| 388 | IMP. CM-16 | CB-25 | 0.379 | 1.68 | 98 |
| 387 | IMP. CM-15 | CB-22 | 0.406 | 1.80 | 98 |
| 385 | IMP. CM-13 | CB-22 | 0.013 | 0.06 | 98 |
| 384 | IMP. CM-12 | CB-18 | 0.074 | 0.33 | 98 |
| 383 | IMP. CM-11 | CB-21 | 0.005 | 0.02 | 98 |
| 382 | IMP. CM-10 | CB-22 | 0.572 | 2.54 | 98 |
| 381 | IMP. CM-9 | CB-21 | 0.063 | 0.28 | 98 |
| 380 | IMP. CM-8 | CB-20 | 0.380 | 1.68 | 98 |
| 379 | IMP. CM-7 | CB-9 | 0.230 | 1.02 | 98 |
| 378 | IMP. CM-6 | CB-6 | 0.135 | 0.60 | 98 |
| 377 | IMP. CM-5 | CB-5 | 0.178 | 0.79 | 98 |
| 376 | IMP. CM-4 | CB-4 | 0.126 | 0.56 | 98 |
| 375 | IMP. CM-3 | CB-3 | 0.129 | 0.57 | 98 |
| 374 | IMP. CM-2 | CB-2 | 0.190 | 0.84 | 98 |
| 373 | IMP. CM-1 | CB-1 | 0.202 | 0.90 | 98 |
| 545 | CM-RL-10 | RL-10 | 0.940 | 4.17 | 98 |
| 544 | CM-RL-9 | RL-9 | 0.176 | 0.78 | 98 |
| 543 | CM-RL-8 | RL-8 | 0.450 | 2.00 | 98 |
| 542 | CM-RL-7 | RL-7 | 0.640 | 2.84 | 98 |
| 541 | CM-RL-6 | RL-6 | 0.120 | 0.53 | 98 |
| 540 | CM-RL-5 | RL5 | 0.540 | 2.40 | 98 |
| 539 | CM-RL-4 | RL-4 | 0.300 | 1.33 | 98 |
| 538 | CM-RL-3 | RL-3 | 0.230 | 1.02 | 98 |
| 537 | CM-RL-2 | RL-2 | 0.220 | 0.98 | 98 |
| 536 | CM-RL-1 | RL-1 | 0.150 | 0.67 | 98 |
| 533 | CM-161 | CB-7 | 0.045 | 0.09 | 74 |
| 532 | CM-160 | CB-7 | 0.068 | 0.14 | 74 |
| 531 | CM-159 | CB-7 | 0.022 | 0.04 | 74 |
| 530 | CM-158 | CB-7 | 0.002 | 0.00 | 74 |
| 529 | CM-157 | CB-7 | 0.021 | 0.04 | 74 |
| 528 | CM-156 | CB-7 | 0.014 | 0.03 | 74 |
| 527 | CM-155 | CB-12 | 0.119 | 0.24 | 74 |
| 526 | CM-154 | CB-14 | 0.005 | 0.01 | 74 |
| 525 | CM-153 | CB-14 | 0.128 | 0.26 | 74 |
| 524 | CM-152 | CB-17 | 0.044 | 0.09 | 74 |
| 523 | CM-151 | CB-17 | 0.093 | 0.19 | 74 |
| 522 | CM-150 | CB-17 | 0.008 | 0.02 | 74 |
| 521 | CM-149 | CB-17 | 0.008 | 0.02 | 74 |
| 520 | CM-148 | CB-17 | 0.099 | 0.20 | 74 |
| 519 | CM-147 | CB-15 | 0.405 | 0.81 | 74 |

Albany Public Health Lab Hydrology Calculations

Catchment Table - Time: 0.00 hours

| ID | Label | Outflow Element | Area (Unified) (acres) | Flow (Maximum) (cfs) | SCS CN |
|-----|--------|-----------------|---------------------------|----------------------------|--------|
| 518 | CM-146 | CB-13 | 0.502 | 1.01 | 74 |
| 517 | CM-145 | CB-62 | 0.089 | 0.18 | 74 |
| 515 | CM-143 | CB-10 | 0.396 | 0.80 | 74 |
| 514 | CM-142 | CB-18 | 0.176 | 0.35 | 74 |
| 513 | CM-141 | CB-19 | 0.099 | 0.20 | 74 |
| 512 | CM-140 | CB-29 | 0.177 | 0.36 | 74 |
| 511 | CM-139 | CB-55 | 0.488 | 0.98 | 74 |
| 510 | CM-138 | CB-59 | 0.248 | 0.50 | 74 |
| 509 | CM-137 | CB-36 | 0.122 | 0.25 | 74 |
| 508 | CM-136 | CB-45 | 0.077 | 0.15 | 74 |
| 507 | CM-135 | CB-46 | 0.024 | 0.05 | 74 |
| 506 | CM-134 | CB-46 | 0.025 | 0.05 | 74 |
| 505 | CM-133 | CB-45 | 0.026 | 0.05 | 74 |
| 504 | CM-132 | CB-36 | 0.028 | 0.06 | 74 |
| 503 | CM-131 | CB-35 | 0.011 | 0.02 | 74 |
| 502 | CM-130 | CB-59 | 0.002 | 0.00 | 74 |
| 501 | CM-129 | CB-43 | 0.009 | 0.02 | 74 |
| 500 | CM-128 | CB-55 | 0.043 | 0.09 | 74 |
| 499 | CM-127 | CB-29 | 0.026 | 0.05 | 74 |
| 498 | CM-126 | CB-19 | 0.019 | 0.04 | 74 |
| 497 | CM-125 | CB-18 | 0.019 | 0.04 | 74 |
| 496 | CM-124 | CB-40 | 0.087 | 0.18 | 74 |
| 495 | CM-123 | CB-20 | 0.008 | 0.02 | 74 |
| 494 | CM-122 | CB-21 | 0.007 | 0.01 | 74 |
| 493 | CM-121 | CB-23 | 0.008 | 0.02 | 74 |
| 492 | CM-120 | CB-24 | 0.008 | 0.02 | 74 |
| 491 | CM-119 | CB-28 | 0.008 | 0.02 | 74 |
| 490 | CM-118 | CB-27 | 0.008 | 0.02 | 74 |
| 489 | CM-117 | CB-32 | 0.008 | 0.02 | 74 |
| 488 | CM-116 | CB-31 | 0.008 | 0.02 | 74 |
| 487 | CM-115 | CB-42 | 0.004 | 0.01 | 74 |
| 486 | CM-114 | CB-41 | 0.004 | 0.01 | 74 |
| 485 | CM-113 | CB-57 | 0.004 | 0.01 | 74 |
| 484 | CM-112 | CB-58 | 0.004 | 0.01 | 74 |
| 483 | CM-111 | CB-37 | 0.007 | 0.01 | 74 |
| 482 | CM-110 | CB-38 | 0.008 | 0.02 | 74 |
| 481 | CM-109 | CB-47 | 0.007 | 0.01 | 74 |
| 480 | CM-108 | CB-49 | 0.028 | 0.06 | 74 |
| 479 | CM-107 | CB-48 | 0.008 | 0.02 | 74 |
| 478 | CM-106 | CB-53 | 0.018 | 0.04 | 74 |
| 477 | CM-105 | CB-54 | 0.014 | 0.03 | 74 |
| 476 | CM-104 | CB-34 | 0.080 | 0.16 | 74 |
| 475 | CM-103 | CB-44 | 0.010 | 0.02 | 74 |
| 474 | CM-102 | CB-60 | 0.004 | 0.01 | 74 |
| 473 | CM-101 | CB-30 | 0.008 | 0.02 | 74 |
| 472 | CM-100 | CB-26 | 0.008 | 0.02 | 74 |

Albany Public Health Lab Hydrology Calculations

Catchment Table - Time: 0.00 hours

| ID | Label | Outflow Element | Area (Unified) (acres) | Flow (Maximum) (cfs) | SCS CN |
|-----|-------|-----------------|---------------------------|----------------------------|--------|
| 471 | CM-99 | CB-25 | 0.008 | 0.02 | 74 |
| 469 | CM-97 | CB-22 | 0.048 | 0.10 | 74 |
| 468 | CM-96 | CB-22 | 0.008 | 0.02 | 74 |
| 467 | CM-95 | CB-22 | 0.115 | 0.23 | 74 |
| 466 | CM-94 | CB-22 | 0.014 | 0.03 | 74 |
| 465 | CM-93 | CB-21 | 0.016 | 0.03 | 74 |
| 464 | CM-92 | CB-21 | 0.021 | 0.04 | 74 |
| 463 | CM-91 | CB-20 | 0.074 | 0.15 | 74 |
| 462 | CM-90 | CB-20 | 0.008 | 0.02 | 74 |
| 461 | CM-89 | CB-21 | 0.003 | 0.01 | 74 |
| 460 | CM-88 | CB-21 | 0.004 | 0.01 | 74 |
| 459 | CM-87 | CB-12 | 0.050 | 0.10 | 74 |
| 458 | CM-86 | CB-11 | 0.233 | 0.47 | 74 |
| 457 | CM-85 | CB-8 | 0.182 | 0.37 | 74 |
| 456 | CM-84 | CB-9 | 0.040 | 0.08 | 74 |
| 455 | CM-83 | CB-6 | 0.032 | 0.06 | 74 |
| 454 | CM-82 | CB-9 | 0.011 | 0.02 | 74 |
| 453 | CM-81 | CB-5 | 0.043 | 0.09 | 74 |
| 452 | CM-80 | CB-5 | 0.067 | 0.13 | 74 |
| 451 | CM-79 | CB-6 | 0.005 | 0.01 | 74 |
| 450 | CM-78 | CB-5 | 0.005 | 0.01 | 74 |
| 449 | CM-77 | CB-4 | 0.050 | 0.10 | 74 |
| 448 | CM-76 | CB-3 | 0.050 | 0.10 | 74 |
| 447 | CM-75 | CB-3 | 0.048 | 0.10 | 74 |
| 446 | CM-74 | CB-2 | 0.009 | 0.02 | 74 |
| 445 | CM-73 | CB-1 | 0.009 | 0.02 | 74 |
| 444 | CM-72 | CB-1 | 0.065 | 0.13 | 74 |
| 443 | CM-71 | CB-1 | 0.045 | 0.09 | 74 |
| 442 | CM-70 | CB-2 | 0.044 | 0.09 | 74 |

| Time of Concentration (hours) | Runoff Method | Time (Maximum Flow) (hours) | Use Scaled Area? |
|-------------------------------------|-----------------|--------------------------------------|---------------------|
| 0.100 | Unit Hydrograph | 12.000 | True |
| 0.100 | Unit Hydrograph | 12.000 | True |
| 0.100 | Unit Hydrograph | 12.000 | True |
| 0.100 | Unit Hydrograph | 12.000 | True |
| 0.100 | Unit Hydrograph | 12.000 | True |
| 0.100 | Unit Hydrograph | 12.000 | True |
| 0.100 | Unit Hydrograph | 12.000 | True |

Albany Public Health Lab Hydrology Calculations

[illegible]

Albany Public Health Lab Hydrology Calculations

[illegible]

Albany Public Health Lab Hydrology Calculations

Catchment Table - Time: 0.00 hours

| Time of Concentration (hours) | Runoff Method | Time (Maximum Flow) (hours) | Use Scaled Area? |
|-------------------------------|-----------------|-----------------------------|------------------|
| 0.100 | Unit Hydrograph | 12.000 | True |
| 0.100 | Unit Hydrograph | 12.000 | True |
| 0.100 | Unit Hydrograph | 12.000 | True |
| 0.100 | Unit Hydrograph | 12.000 | True |
| 0.100 | Unit Hydrograph | 12.000 | True |
| 0.100 | Unit Hydrograph | 12.000 | True |
| 0.100 | Unit Hydrograph | 12.000 | True |
| 0.100 | Unit Hydrograph | 12.000 | True |
| 0.100 | Unit Hydrograph | 12.000 | True |
| 0.100 | Unit Hydrograph | 12.000 | True |
| 0.100 | Unit Hydrograph | 12.000 | True |
| 0.100 | Unit Hydrograph | 12.000 | True |
| 0.100 | Unit Hydrograph | 12.000 | True |
| 0.100 | Unit Hydrograph | 12.000 | True |
| 0.100 | Unit Hydrograph | 12.000 | False |
| 0.100 | Unit Hydrograph | 12.000 | False |
| 0.100 | Unit Hydrograph | 12.000 | False |
| 0.100 | Unit Hydrograph | 12.000 | False |
| 0.100 | Unit Hydrograph | 12.000 | False |
| 0.100 | Unit Hydrograph | 12.000 | False |
| 0.100 | Unit Hydrograph | 12.000 | False |
| 0.100 | Unit Hydrograph | 12.000 | False |
| 0.100 | Unit Hydrograph | 12.000 | False |
| 0.100 | Unit Hydrograph | 12.000 | True |
| 0.100 | Unit Hydrograph | 12.000 | True |

Albany Public Health Lab Hydrology Calculations

[illegible]

Albany Public Health Lab Hydrology Calculations

[illegible]

Albany Public Health Lab Hydrology Calculations

[illegible]

Albany Public Health Lab Hydrology Calculations

Catchment Table - Time: 0.00 hours

| Time of Concentration (hours) | Runoff Method | Time (Maximum Flow) (hours) | Use Scaled Area? |
|-------------------------------|-----------------|-----------------------------|------------------|
| 0.100 | Unit Hydrograph | 12.000 | True |
| 0.100 | Unit Hydrograph | 12.000 | True |
| 0.100 | Unit Hydrograph | 12.000 | True |
| 0.100 | Unit Hydrograph | 12.000 | True |
| 0.100 | Unit Hydrograph | 12.000 | True |
| 0.100 | Unit Hydrograph | 12.000 | True |
| 0.100 | Unit Hydrograph | 12.000 | True |
| 0.100 | Unit Hydrograph | 12.000 | True |
| 0.100 | Unit Hydrograph | 12.000 | True |
| 0.100 | Unit Hydrograph | 12.000 | True |
| 0.100 | Unit Hydrograph | 12.000 | True |
| 0.100 | Unit Hydrograph | 12.000 | True |
| 0.100 | Unit Hydrograph | 12.000 | True |
| 0.100 | Unit Hydrograph | 12.000 | True |
| 0.100 | Unit Hydrograph | 12.000 | True |
| 0.100 | Unit Hydrograph | 12.000 | True |
| 0.100 | Unit Hydrograph | 12.000 | True |
| 0.100 | Unit Hydrograph | 12.000 | True |
| 0.100 | Unit Hydrograph | 12.000 | True |

Albany Public Health Lab Hydrology Calculations

Conduit Table - Time: 0.00 hours

| ID | Label | Start Node |
|-----|-----------------|------------|
| 296 | PIPE-1 | CB-1 |
| 297 | PIPE-2 | CB-2 |
| 273 | PIPE-3 | MH-1 |
| 274 | PIPE-4 | MH-2 |
| 282 | PIPE-5 | MH-3 |
| 275 | PIPE-6 | MH-4 |
| 271 | PIPE-7 | CB-3 |
| 272 | PIPE-8 | CB-4 |
| 242 | PIPE-9 | CB-5 |
| 243 | PIPE-10 | CB-6 |
| 244 | PIPE-11 | MH-5 |
| 172 | PIPE-12 | CB-7 |
| 197 | PIPE-13 | MH-7 |
| 193 | PIPE-13 (1) | MH-46 |
| 191 | PIPE-13 (1) (1) | MH-47 |
| 219 | PIPE-14 | MH-42 |
| 235 | PIPE-15 | CB-8 |
| 224 | PIPE-16 | CB-9 |
| 229 | PIPE-17 | CB-10 |
| 233 | PIPE-18 | MH-8 |
| 207 | PIPE-19 | RL-1 |
| 208 | PIPE-19 (1) | MH-54 |
| 220 | PIPE-20 | CB-11 |
| 192 | PIPE-21 | CB-12 |
| 177 | PIPE-23 | CB-14 |
| 174 | PIPE-24 | MH-40 |
| 195 | PIPE-25 | MH-45 |
| 201 | PIPE-26 | MH-10 |
| 198 | PIPE-26 (1) | MH-49 |
| 199 | PIPE-27 | MH-11 |
| 225 | PIPE-28 | CB-15 |
| 194 | PIPE-29 | CB-16 |
| 200 | PIPE-30 | CB-17 |
| 226 | PIPE-32 | CB-13 |
| 228 | PIPE-33 | CB-18 |
| 237 | PIPE-35 | MH-17 |
| 253 | PIPE-36 | MH-18 |
| 171 | PIPE-37 (1) | MH-12 |
| 230 | PIPE-38 | CB-19 |
| 231 | PIPE-39 | MH-13 |
| 239 | PIPE-40 | MH-14 |
| 255 | PIPE-41 | MH-15 |
| 238 | PIPE-42 | CB-20 |
| 254 | PIPE-43 | CB-21 |
| 285 | PIPE-44 | CB-22 |
| 240 | PIPE-45 | CB-23 |
| 256 | PIPE-46 | CB-24 |
| 286 | PIPE-47 | CB-25 |

Albany Public Health Lab Hydrology Calculations

Conduit Table - Time: 0.00 hours

| ID | Label | Start Node |
|-----|---------|------------|
| 287 | PIPE-48 | CB-26 |
| 257 | PIPE-49 | CB-27 |
| 241 | PIPE-50 | CB-28 |
| 232 | PIPE-51 | CB-29 |
| 288 | PIPE-52 | MH-16 |
| 276 | PIPE-53 | MH-19 |
| 291 | PIPE-54 | CB-30 |
| 259 | PIPE-55 | CB-31 |
| 245 | PIPE-56 | CB-32 |
| 292 | PIPE-57 | CB-33 |
| 293 | PIPE-58 | CB-34 |
| 289 | PIPE-59 | CB-60 |
| 213 | PIPE-60 | CB-35 |
| 214 | PIPE-61 | CB-36 |
| 246 | PIPE-62 | CB-37 |
| 260 | PIPE-63 | CB-38 |
| 266 | PIPE-64 | CB-39 |
| 261 | PIPE-65 | CB-58 |
| 258 | PIPE-66 | CB-40 |
| 247 | PIPE-67 | CB-57 |
| 265 | PIPE-68 | CB-41 |
| 252 | PIPE-69 | CB-42 |
| 222 | PIPE-70 | CB-43 |
| 221 | PIPE-71 | CB-59 |
| 215 | PIPE-72 | MH-21 |
| 248 | PIPE-73 | MH-22 |
| 262 | PIPE-74 | MH-23 |
| 290 | PIPE-75 | MH-20 |
| 284 | PIPE-76 | CB-44 |
| 216 | PIPE-77 | CB-45 |
| 217 | PIPE-78 | CB-46 |
| 249 | PIPE-79 | CB-47 |
| 263 | PIPE-80 | CB-48 |
| 250 | PIPE-81 | CB-49 |
| 269 | PIPE-82 | CB-50 |
| 294 | PIPE-83 | CB-51 |
| 295 | PIPE-84 | CB-52 |
| 283 | PIPE-85 | MH-28 |
| 267 | PIPE-86 | CB-53 |
| 268 | PIPE-87 | MH-29 |
| 270 | PIPE-88 | MH-30 |
| 279 | PIPE-89 | MH-44 |
| 278 | PIPE-90 | CB-54 |
| 218 | PIPE-91 | MH-25 |
| 251 | PIPE-92 | MH-26 |
| 264 | PIPE-93 | MH-27 |
| 280 | PIPE-94 | MH-24 |
| 281 | PIPE-95 | MH-31 |

Albany Public Health Lab Hydrology Calculations

Conduit Table - Time: 0.00 hours

| ID | Label | Start Node | | | |
|----------------------------------|------------------|------------------------|-----------------------|----------------------------|----------------------------------|
| 277 | PIPE-96 | MH-32 | | | |
| 211 | PIPE-97 | MH-33 | | | |
| 212 | PIPE-98 | MH-34 | | | |
| 209 | PIPE-99 | MH-35 | | | |
| 210 | PIPE-100 | MH-36 | | | |
| 236 | PIPE-101 | MH-37 | | | |
| 169 | PIPE-102 | POS-1 | | | |
| 170 | PIPE-103 | POS-2 | | | |
| 234 | PIPE-104 | CB-55 | | | |
| 173 | PIPE-105 | CB-56 | | | |
| 227 | PIPE-106 | MH-41 | | | |
| 187 | PIPE-107 | MH-6 | | | |
| 176 | PIPE-107 (1) | MH-48 | | | |
| 175 | PIPE-108 | MH-43 | | | |
| 196 | PIPE-109 | CB-61 | | | |
| 223 | PIPE-110 | CB-62 | | | |
| 203 | Pipe - (107) | RL-2 | | | |
| 204 | Pipe - (107) (1) | MH-55 | | | |
| 189 | Pipe - (108) | RL-3 | | | |
| 190 | Pipe - (108) (1) | MH-56 | | | |
| 180 | Pipe - (109) | RL-4 | | | |
| 181 | Pipe - (109) (1) | MH-57 | | | |
| 188 | Pipe - (110) | RL5 | | | |
| 182 | Pipe - (111) | RL-6 | | | |
| 183 | Pipe - (111) (1) | MH-58 | | | |
| 202 | Pipe - (112) | RL-7 | | | |
| 178 | Pipe - (113) | RL-9 | | | |
| 179 | Pipe - (114) | MH-50 | | | |
| 184 | Pipe - (115) | MH-51 | | | |
| 185 | Pipe - (116) | MH-RL-8 | | | |
| 186 | Pipe - (117) | RL-8 | | | |
| 205 | Pipe - (118) | RL-10 | | | |
| 206 | Pipe - (119) | MH-53 | | | |
| Stop Node | | Invert (Start) (ft) | Invert (Stop) (ft) | Length (Scaled) (ft) | Slope (Calculated) (ft/ft) |
| CB-2 | | 242.02 | 241.88 | 44.6 | 0.003 |
| MH-1 | | 241.88 | 241.73 | 45.6 | 0.003 |
| MH-2 | | 241.73 | 241.00 | 281.6 | 0.003 |
| MH-3 | | 241.15 | 241.10 | 42.1 | 0.001 |
| MH-4 | | 241.10 | 241.02 | 108.0 | 0.001 |
| HW-1 (PROPOSED DRAINAGE NETWORK) | | 241.02 | 241.00 | 25.8 | 0.001 |
| CB-4 | | 241.57 | 241.36 | 65.1 | 0.003 |
| MH-2 | | 241.36 | 241.22 | 16.1 | 0.009 |
| CB-6 | | 241.84 | 241.63 | 65.3 | 0.003 |
| MH-5 | | 241.63 | 241.51 | 16.0 | 0.007 |
| MH-2 | | 241.51 | 241.22 | 221.6 | 0.001 |

Albany Public Health Lab Hydrology Calculations

Conduit Table - Time: 0.00 hours

| Stop Node | Invert (Start) (ft) | Invert (Stop) (ft) | Length (Scaled) (ft) | Slope (Calculated) (ft/ft) |
|-------------------------------------|------------------------|-----------------------|----------------------------|----------------------------------|
| MH-6 | 249.47 | 249.02 | 141.5 | 0.003 |
| MH-46 | 249.83 | 249.59 | 88.2 | 0.003 |
| MH-47 | 249.59 | 249.15 | 160.2 | 0.003 |
| MH-6 | 249.15 | 249.02 | 46.1 | 0.003 |
| MH-7 | 250.46 | 249.83 | 173.1 | 0.004 |
| MH-42 | 251.00 | 250.87 | 15.0 | 0.009 |
| CB-10 | 241.93 | 241.86 | 21.3 | 0.003 |
| MH-8 | 241.86 | 241.81 | 16.1 | 0.003 |
| MH-5 | 241.81 | 241.51 | 231.5 | 0.001 |
| MH-54 | 254.02 | 252.88 | 18.4 | 0.062 |
| MH-42 | 251.46 | 250.87 | 58.9 | 0.010 |
| MH-7 | 249.89 | 249.83 | 20.1 | 0.003 |
| MH-6 | 249.07 | 249.02 | 15.9 | 0.003 |
| MH-43 | 248.52 | 248.49 | 11.9 | 0.002 |
| MH-45 | 248.42 | 248.25 | 96.1 | 0.002 |
| MH-10 | 248.25 | 248.23 | 10.0 | 0.002 |
| MH-49 | 248.23 | 248.09 | 77.5 | 0.002 |
| MH-11 | 248.09 | 248.06 | 18.0 | 0.002 |
| CB-15 | 248.06 | 247.71 | 192.1 | 0.002 |
| CB-13 | 247.71 | 247.36 | 180.6 | 0.002 |
| MH-10 | 248.39 | 248.23 | 48.4 | 0.003 |
| MH-11 | 248.15 | 248.06 | 28.4 | 0.003 |
| MH-41 | 247.36 | 247.33 | 15.6 | 0.002 |
| MH-12 | 242.91 | 242.80 | 33.1 | 0.003 |
| MH-18 | 242.13 | 242.00 | 40.0 | 0.003 |
| MH-3 | 242.00 | 241.10 | 280.0 | 0.003 |
| MH-17 | 242.80 | 242.13 | 190.5 | 0.004 |
| MH-13 | 242.76 | 242.66 | 30.0 | 0.003 |
| MH-14 | 242.66 | 241.99 | 190.0 | 0.004 |
| MH-15 | 241.99 | 241.89 | 40.0 | 0.003 |
| MH-16 | 241.89 | 241.16 | 280.0 | 0.003 |
| MH-17 | 242.24 | 242.13 | 33.0 | 0.003 |
| MH-18 | 242.11 | 242.00 | 32.9 | 0.003 |
| MH-3 | 241.21 | 241.10 | 33.0 | 0.003 |
| MH-14 | 242.09 | 241.99 | 30.0 | 0.003 |
| MH-15 | 241.99 | 241.89 | 30.1 | 0.003 |
| MH-16 | 241.26 | 241.16 | 30.0 | 0.003 |
| MH-16 | 241.26 | 241.16 | 30.0 | 0.003 |
| MH-15 | 241.99 | 241.89 | 29.9 | 0.003 |
| MH-14 | 242.09 | 241.99 | 30.0 | 0.003 |
| MH-13 | 242.76 | 242.66 | 30.0 | 0.003 |
| MH-19 | 241.16 | 241.02 | 70.4 | 0.002 |
| HW-3 (PROPOSED DRAINAGE NETWORK) | 241.02 | 241.00 | 31.1 | 0.001 |
| CB-26 | 241.45 | 241.26 | 60.0 | 0.003 |
| CB-27 | 242.18 | 241.99 | 60.1 | 0.003 |

Albany Public Health Lab Hydrology Calculations

Conduit Table - Time: 0.00 hours

| Stop Node | Invert (Start) (ft) | Invert (Stop) (ft) | Length (Scaled) (ft) | Slope (Calculated) (ft/ft) |
|-------------------------------------|------------------------|-----------------------|----------------------------|----------------------------------|
| CB-28 | 242.28 | 242.09 | 60.0 | 0.003 |
| CB-34 | 241.35 | 241.28 | 21.2 | 0.003 |
| CB-60 | 241.28 | 241.21 | 21.2 | 0.003 |
| MH-20 | 241.21 | 241.14 | 21.9 | 0.003 |
| MH-21 | 243.11 | 243.04 | 20.9 | 0.003 |
| MH-21 | 243.15 | 243.04 | 30.3 | 0.004 |
| MH-22 | 242.10 | 242.00 | 30.0 | 0.003 |
| MH-23 | 241.97 | 241.87 | 30.0 | 0.003 |
| CB-58 | 242.01 | 241.94 | 20.8 | 0.003 |
| MH-23 | 241.94 | 241.87 | 21.3 | 0.003 |
| CB-57 | 242.14 | 242.07 | 21.2 | 0.003 |
| MH-22 | 242.07 | 242.00 | 21.5 | 0.003 |
| CB-39 | 242.08 | 242.01 | 21.0 | 0.003 |
| CB-40 | 242.21 | 242.14 | 20.6 | 0.003 |
| CB-59 | 243.26 | 243.18 | 21.0 | 0.004 |
| CB-35 | 243.18 | 243.11 | 21.0 | 0.003 |
| MH-22 | 243.04 | 242.00 | 302.0 | 0.003 |
| MH-23 | 242.00 | 241.87 | 40.0 | 0.003 |
| MH-20 | 241.87 | 241.14 | 273.8 | 0.003 |
| MH-24 | 241.14 | 241.09 | 25.9 | 0.002 |
| MH-28 | 241.36 | 241.26 | 35.1 | 0.003 |
| MH-25 | 243.33 | 243.23 | 30.1 | 0.003 |
| MH-25 | 243.34 | 243.23 | 34.9 | 0.003 |
| MH-26 | 242.17 | 242.07 | 30.0 | 0.003 |
| MH-27 | 242.04 | 241.94 | 29.9 | 0.003 |
| MH-26 | 242.17 | 242.07 | 30.0 | 0.003 |
| MH-29 | 241.99 | 241.90 | 27.3 | 0.003 |
| MH-24 | 241.23 | 241.09 | 32.0 | 0.004 |
| MH-24 | 241.18 | 241.09 | 30.2 | 0.003 |
| MH-24 | 241.26 | 241.09 | 95.7 | 0.002 |
| MH-29 | 241.99 | 241.90 | 18.1 | 0.005 |
| MH-30 | 241.90 | 241.59 | 119.1 | 0.003 |
| MH-44 | 241.59 | 241.47 | 46.3 | 0.003 |
| MH-28 | 241.47 | 241.26 | 82.1 | 0.003 |
| MH-44 | 241.53 | 241.47 | 19.3 | 0.003 |
| MH-26 | 243.23 | 242.07 | 325.0 | 0.004 |
| MH-27 | 242.07 | 241.94 | 40.1 | 0.003 |
| MH-30 | 241.94 | 241.59 | 124.3 | 0.003 |
| MH-31 | 241.09 | 241.04 | 72.1 | 0.001 |
| MH-32 | 241.04 | 241.02 | 25.1 | 0.001 |
| HW-4 (PROPOSED DRAINAGE NETWORK) | 241.02 | 241.00 | 26.4 | 0.001 |
| MH-34 | 249.38 | 248.86 | 272.3 | 0.002 |
| MH-35 | 248.86 | 248.66 | 112.6 | 0.002 |
| MH-36 | 248.66 | 248.17 | 286.1 | 0.002 |
| MH-37 | 248.17 | 247.76 | 245.5 | 0.002 |

Albany Public Health Lab Hydrology Calculations

Conduit Table - Time: 0.00 hours

| Stop Node | | Invert (Start) (ft) | | Invert (Stop) (ft) | Length (Scaled) (ft) | Slope (Calculated) (ft/ft) |
|----------------------------------|----------------------|------------------------|------|-----------------------|----------------------------|----------------------------------|
| O-2 (Proposed) | | 244.43 | | 244.30 | 72.5 | 0.002 |
| MH-33 | | 250.00 | | 249.38 | 108.9 | 0.006 |
| O-1 (Proposed) | | 241.50 | | 240.75 | 77.1 | 0.010 |
| CB-32 | | 243.04 | | 242.28 | 217.1 | 0.003 |
| MH-40 | | 255.63 | | 255.00 | 187.0 | 0.003 |
| HW-2 (PROPOSED DRAINAGE NETWORK) | | 247.33 | | 247.29 | 21.3 | 0.002 |
| MH-48 | | 249.02 | | 248.64 | 145.7 | 0.003 |
| MH-43 | | 248.64 | | 248.49 | 54.1 | 0.003 |
| MH-40 | | 248.49 | | 248.42 | 30.0 | 0.002 |
| MH-45 | | 248.41 | | 248.25 | 50.6 | 0.003 |
| MH-41 | | 249.52 | | 249.00 | 163.1 | 0.003 |
| MH-55 | | 254.11 | | 253.24 | 17.8 | 0.049 |
| MH-7 | | 250.42 | | 249.83 | 58.6 | 0.010 |
| MH-56 | | 255.53 | | 255.43 | 10.0 | 0.010 |
| MH-46 | | 250.31 | | 249.59 | 71.7 | 0.010 |
| MH-57 | | 255.00 | | 254.91 | 8.6 | 0.010 |
| MH-47 | | 249.83 | | 249.15 | 67.8 | 0.010 |
| MH-48 | | 254.00 | | 253.84 | 16.1 | 0.010 |
| MH-58 | | 254.69 | | 254.60 | 9.0 | 0.010 |
| CB-16 | | 248.54 | | 248.39 | 15.5 | 0.010 |
| MH-49 | | 254.00 | | 252.99 | 101.5 | 0.010 |
| MH-50 | | 254.00 | | 253.94 | 5.9 | 0.010 |
| MH-51 | | 253.94 | | 252.83 | 111.0 | 0.010 |
| MH-RL-8 | | 252.83 | | 252.28 | 55.1 | 0.010 |
| MH-21 | | 243.54 | | 243.04 | 156.5 | 0.003 |
| MH-RL-8 | | 254.00 | | 253.76 | 24.1 | 0.010 |
| MH-53 | | 254.00 | | 251.96 | 102.0 | 0.020 |
| MH-12 | | 251.96 | | 251.24 | 71.1 | 0.010 |
| Section Type | Conduit Type | Catalog Class | Size | Material | Diameter (in) | Manning's n |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 18.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 30.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 48.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 48.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |

Albany Public Health Lab Hydrology Calculations

Conduit Table - Time: 0.00 hours

| Section Type | Conduit Type | Catalog Class | Size | Material | Diameter (in) | Manning's n |
|--------------|----------------------|---------------|------|--------------|---------------|-------------|
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 30.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 18.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 18.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 18.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 18.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 30.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 30.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | Ductile Iron | 6.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | Ductile Iron | 6.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 24.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 24.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 24.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 24.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 24.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 24.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |

Albany Public Health Lab Hydrology Calculations

Conduit Table - Time: 0.00 hours

| Section Type | Conduit Type | Catalog Class | Size | Material | Diameter (in) | Manning's n |
|--------------|----------------------|---------------|------|----------|---------------|-------------|
| Circle | User Defined Conduit | <None> | | RCP | 24.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 18.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 18.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 24.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 48.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |

Albany Public Health Lab Hydrology Calculations

Conduit Table - Time: 0.00 hours

| Section Type | Conduit Type | Catalog Class | Size | Material | Diameter (in) | Manning's n |
|--------------|----------------------|---------------|------|----------|---------------|-------------|
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 18.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 24.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |

Albany Public Health Lab Hydrology Calculations

Conduit Table - Time: 0.00 hours

| Section Type | Conduit Type | Catalog Class | Size | Material | Diameter (in) | Manning's n |
|--------------|----------------------|---------------|------|----------|---------------|-------------|
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 24.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 18.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 18.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 18.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 18.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 48.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 48.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 48.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 24.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 24.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 24.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 24.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 24.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 24.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 18.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 24.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 18.0 | 0.013 |

Albany Public Health Lab Hydrology Calculations

Conduit Table - Time: 0.00 hours

| Section Type | Conduit Type | Catalog Class | Size | Material | Diameter (in) | Manning's n |
|----------------------|----------------------------|-----------------|--------------------------------|---------------------------------|---------------|-------------|
| Circle | User Defined Conduit | <None> | | RCP | 18.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 24.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | | 8.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | | 8.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | | 8.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | | 8.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | | 8.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | | 8.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | | 12.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | | 6.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | | 6.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | | 12.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | Ductile Iron | 6.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | Ductile Iron | 6.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | Ductile Iron | 6.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 12.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Circle | User Defined Conduit | <None> | | RCP | 15.0 | 0.013 |
| Flow (Maximum) (cfs) | Capacity (Full Flow) (cfs) | Velocity (ft/s) | Hydraulic Grade Line (In) (ft) | Hydraulic Grade Line (Out) (ft) | | |
| 1.09 | 3.65 | 0.00 | 242.02 | 241.88 | | |
| 1.99 | 3.65 | 0.00 | 241.88 | 241.73 | | |
| 1.89 | 5.36 | 0.00 | 241.73 | 241.15 | | |
| 6.24 | 13.97 | 0.00 | 241.15 | 241.10 | | |

Albany Public Health Lab Hydrology Calculations

Conduit Table - Time: 0.00 hours

| Flow (Maximum) (cfs) | Capacity (Full Flow) (cfs) | Velocity (ft/s) | Hydraulic Grade Line (In) (ft) | Hydraulic Grade Line (Out) (ft) |
|----------------------------|----------------------------------|--------------------|--------------------------------------|--|
| 16.74 | 38.66 | 0.00 | 241.10 | 241.02 |
| 16.52 | 38.00 | 0.00 | 241.02 | 241.00 |
| 0.74 | 3.65 | 0.00 | 241.57 | 241.36 |
| 1.37 | 5.96 | 0.00 | 241.36 | 241.22 |
| 0.96 | 3.65 | 0.00 | 241.84 | 241.63 |
| 1.57 | 5.57 | 0.00 | 241.63 | 241.51 |
| 3.18 | 14.79 | 0.00 | 241.51 | 241.22 |
| 1.06 | 3.65 | 0.00 | 249.47 | 249.02 |
| 5.98 | 5.51 | 0.00 | 249.83 | 249.59 |
| 6.37 | 5.51 | 0.00 | 249.59 | 249.15 |
| 7.12 | 5.51 | 0.00 | 249.15 | 249.02 |
| 3.57 | 6.34 | 0.00 | 250.46 | 249.83 |
| 2.63 | 6.11 | 0.00 | 251.00 | 250.87 |
| 1.06 | 23.20 | 0.00 | 241.93 | 241.86 |
| 1.84 | 3.65 | 0.00 | 241.86 | 241.81 |
| 1.78 | 14.79 | 0.00 | 241.81 | 241.51 |
| 0.65 | 1.39 | 0.00 | 254.02 | 252.88 |
| 0.61 | 0.56 | 0.00 | 251.46 | 250.87 |
| 3.04 | 3.65 | 0.00 | 249.89 | 249.83 |
| 1.42 | 3.65 | 0.00 | 249.07 | 249.02 |
| 2.74 | 3.18 | 0.00 | 248.52 | 248.49 |
| 14.75 | 9.50 | 0.00 | 248.42 | 248.25 |
| 17.02 | 9.60 | 0.00 | 248.25 | 248.23 |
| 17.25 | 9.60 | 0.00 | 248.23 | 248.09 |
| 19.65 | 9.60 | 0.00 | 248.09 | 248.06 |
| 21.91 | 9.71 | 0.00 | 248.06 | 247.71 |
| 23.53 | 10.02 | 0.00 | 247.71 | 247.36 |
| 0.50 | 3.70 | 0.00 | 248.39 | 248.23 |
| 2.41 | 3.65 | 0.00 | 248.15 | 248.06 |
| 25.43 | 9.60 | 0.00 | 247.36 | 247.33 |
| 0.68 | 3.66 | 0.00 | 242.91 | 242.80 |
| 6.17 | 3.64 | 0.00 | 242.13 | 242.00 |
| 6.49 | 3.65 | 0.00 | 242.00 | 241.10 |
| 4.49 | 3.84 | 0.00 | 242.80 | 242.13 |
| 0.49 | 3.65 | 0.00 | 242.76 | 242.66 |
| 1.11 | 3.82 | 0.00 | 242.66 | 241.99 |
| 5.61 | 5.36 | 0.00 | 241.99 | 241.89 |
| 6.12 | 5.36 | 0.00 | 241.89 | 241.16 |
| 1.57 | 3.65 | 0.00 | 242.24 | 242.13 |
| 0.39 | 3.66 | 0.00 | 242.11 | 242.00 |
| 4.50 | 3.65 | 0.00 | 241.21 | 241.10 |
| 1.04 | 3.65 | 0.00 | 242.09 | 241.99 |
| 0.23 | 3.65 | 0.00 | 241.99 | 241.89 |
| 1.59 | 3.65 | 0.00 | 241.26 | 241.16 |
| 3.10 | 3.65 | 0.00 | 241.26 | 241.16 |

Albany Public Health Lab Hydrology Calculations

Conduit Table - Time: 0.00 hours

| Flow (Maximum) (cfs) | Capacity (Full Flow) (cfs) | Velocity (ft/s) | Hydraulic Grade Line (In) (ft) | Hydraulic Grade Line (Out) (ft) |
|----------------------------|----------------------------------|--------------------|--------------------------------------|--|
| 0.44 | 3.66 | 0.00 | 241.99 | 241.89 |
| 3.67 | 3.65 | 0.00 | 242.09 | 241.99 |
| 0.73 | 3.66 | 0.00 | 242.76 | 242.66 |
| 10.55 | 9.97 | 0.00 | 241.16 | 241.02 |
| 10.22 | 38.00 | 0.00 | 241.02 | 241.00 |
| 1.56 | 3.65 | 0.00 | 241.45 | 241.26 |
| 0.21 | 3.65 | 0.00 | 242.18 | 241.99 |
| 2.59 | 3.65 | 0.00 | 242.28 | 242.09 |
| 0.21 | 3.64 | 0.00 | 241.35 | 241.28 |
| 1.77 | 3.64 | 0.00 | 241.28 | 241.21 |
| 1.94 | 3.58 | 0.00 | 241.21 | 241.14 |
| 0.75 | 3.67 | 0.00 | 243.11 | 243.04 |
| 0.61 | 3.95 | 0.00 | 243.15 | 243.04 |
| 1.73 | 3.65 | 0.00 | 242.10 | 242.00 |
| 0.23 | 3.65 | 0.00 | 241.97 | 241.87 |
| 0.18 | 3.65 | 0.00 | 242.01 | 241.94 |
| 0.33 | 3.65 | 0.00 | 241.94 | 241.87 |
| 1.99 | 3.64 | 0.00 | 242.14 | 242.07 |
| 2.19 | 3.65 | 0.00 | 242.07 | 242.00 |
| 0.12 | 3.65 | 0.00 | 242.08 | 242.01 |
| 0.21 | 3.64 | 0.00 | 242.21 | 242.14 |
| 0.12 | 3.90 | 0.00 | 243.26 | 243.18 |
| 0.67 | 3.66 | 0.00 | 243.18 | 243.11 |
| 3.61 | 3.79 | 0.00 | 243.04 | 242.00 |
| 7.35 | 3.65 | 0.00 | 242.00 | 241.87 |
| 7.74 | 5.42 | 0.00 | 241.87 | 241.14 |
| 9.74 | 10.04 | 0.00 | 241.14 | 241.09 |
| 1.38 | 3.38 | 0.00 | 241.36 | 241.26 |
| 0.55 | 3.69 | 0.00 | 243.33 | 243.23 |
| 0.38 | 3.60 | 0.00 | 243.34 | 243.23 |
| 1.68 | 3.65 | 0.00 | 242.17 | 242.07 |
| 0.23 | 3.66 | 0.00 | 242.04 | 241.94 |
| 1.74 | 3.65 | 0.00 | 242.17 | 242.07 |
| 1.53 | 3.62 | 0.00 | 241.99 | 241.90 |
| 1.77 | 4.33 | 0.00 | 241.23 | 241.09 |
| 0.00 | 3.45 | 0.00 | 241.18 | 241.09 |
| 8.04 | 9.60 | 0.00 | 241.26 | 241.09 |
| 0.31 | 4.56 | 0.00 | 241.99 | 241.90 |
| 1.73 | 5.36 | 0.00 | 241.90 | 241.59 |
| 6.02 | 5.36 | 0.00 | 241.59 | 241.47 |
| 6.81 | 5.36 | 0.00 | 241.47 | 241.26 |
| 0.85 | 3.74 | 0.00 | 241.53 | 241.47 |
| 0.91 | 3.86 | 0.00 | 243.23 | 242.07 |
| 4.52 | 3.65 | 0.00 | 242.07 | 241.94 |
| 4.57 | 5.55 | 0.00 | 241.94 | 241.59 |

Albany Public Health Lab Hydrology Calculations

Conduit Table - Time: 0.00 hours

| Flow (Maximum) (cfs) | Capacity (Full Flow) (cfs) | Velocity (ft/s) | Hydraulic Grade Line (In) (ft) | Hydraulic Grade Line (Out) (ft) |
|----------------------------|----------------------------------|--------------------|--------------------------------------|--|
| 19.19 | 38.00 | 0.00 | 241.09 | 241.04 |
| 18.87 | 38.00 | 0.00 | 241.04 | 241.02 |
| 18.70 | 38.00 | 0.00 | 241.02 | 241.00 |
| 5.75 | 9.87 | 0.00 | 249.38 | 248.86 |
| 5.73 | 9.63 | 0.00 | 248.86 | 248.66 |
| 5.73 | 9.39 | 0.00 | 248.66 | 248.17 |
| 5.71 | 9.21 | 0.00 | 248.17 | 247.76 |
| 5.69 | 9.60 | 0.00 | 244.43 | 244.30 |
| 5.77 | 17.05 | 0.00 | 250.00 | 249.38 |
| 6.14 | 10.36 | 0.00 | 241.50 | 240.75 |
| 1.46 | 3.82 | 0.00 | 243.04 | 242.28 |
| 1.35 | 3.75 | 0.00 | 255.63 | 255.00 |
| 26.09 | 9.60 | 0.00 | 247.33 | 247.29 |
| 9.33 | 5.39 | 0.00 | 249.02 | 248.64 |
| 11.31 | 5.39 | 0.00 | 248.64 | 248.49 |
| 13.80 | 10.98 | 0.00 | 248.49 | 248.42 |
| 2.48 | 3.65 | 0.00 | 248.41 | 248.25 |
| 0.74 | 3.65 | 0.00 | 249.52 | 249.00 |
| 0.95 | 2.67 | 0.00 | 254.11 | 253.24 |
| 0.94 | 1.21 | 0.00 | 250.42 | 249.83 |
| 0.99 | 1.21 | 0.00 | 255.53 | 255.43 |
| 0.98 | 1.21 | 0.00 | 250.31 | 249.59 |
| 1.29 | 1.21 | 0.00 | 255.00 | 254.91 |
| 1.28 | 1.21 | 0.00 | 249.83 | 249.15 |
| 2.32 | 3.56 | 0.00 | 254.00 | 253.84 |
| 0.51 | 0.56 | 0.00 | 254.69 | 254.60 |
| 0.50 | 0.56 | 0.00 | 248.54 | 248.39 |
| 2.75 | 3.56 | 0.00 | 254.00 | 252.99 |
| 0.62 | 0.56 | 0.00 | 254.00 | 253.94 |
| 0.60 | 0.56 | 0.00 | 253.94 | 252.83 |
| 0.60 | 0.56 | 0.00 | 252.83 | 252.28 |
| 2.30 | 3.65 | 0.00 | 243.54 | 243.04 |
| 1.94 | 3.56 | 0.00 | 254.00 | 253.76 |
| 4.05 | 9.13 | 0.00 | 254.00 | 251.96 |
| 4.04 | 6.46 | 0.00 | 251.96 | 251.24 |

Albany Public Health Lab Hydrology Calculations

Catch Basin Table - Time: 0.00 hours

| ID | Label | Elevation (Ground) (ft) | Flow (Captured Maximum) (cfs) | Elevation (Invert) (ft) | Capture Efficiency (Calculated) (%) | Hydraulic Grade (Maximum) (ft) |
|-----|-------|-------------------------------|-------------------------------------|-------------------------------|--|---|
| 298 | CB-1 | 243.46 | 1.08 | 242.02 | 100.0 | 242.88 |
| 299 | CB-2 | 243.32 | 0.90 | 241.88 | 100.0 | 242.88 |
| 300 | CB-3 | 246.22 | 0.73 | 241.57 | 100.0 | 242.88 |
| 301 | CB-4 | 246.63 | 0.63 | 241.36 | 100.0 | 242.88 |
| 302 | CB-5 | 250.09 | 0.97 | 241.84 | 100.0 | 242.88 |
| 303 | CB-6 | 250.41 | 0.64 | 241.63 | 100.0 | 242.88 |
| 304 | CB-7 | 263.93 | 1.07 | 249.47 | 100.0 | 253.39 |
| 305 | CB-8 | 252.97 | 2.35 | 251.00 | 100.0 | 253.87 |
| 306 | CB-9 | 254.49 | 1.06 | 241.93 | 100.0 | 242.88 |
| 307 | CB-10 | 254.06 | 0.78 | 241.86 | 100.0 | 242.88 |
| 308 | CB-11 | 254.42 | 3.05 | 249.89 | 100.0 | 253.55 |
| 309 | CB-12 | 257.97 | 1.42 | 249.07 | 100.0 | 253.39 |
| 310 | CB-13 | 254.08 | 1.88 | 247.36 | 100.0 | 249.82 |
| 311 | CB-14 | 258.55 | 2.62 | 248.52 | 100.0 | 252.78 |
| 312 | CB-15 | 254.26 | 1.76 | 247.71 | 100.0 | 251.22 |
| 313 | CB-16 | 257.39 | 0.00 | 248.39 | 100.0 | 252.61 |
| 315 | CB-17 | 255.35 | 2.37 | 248.15 | 100.0 | 252.48 |
| 360 | CB-18 | 253.74 | 0.69 | 242.91 | 100.0 | 246.29 |
| 316 | CB-19 | 253.73 | 0.50 | 242.76 | 100.0 | 243.34 |
| 317 | CB-20 | 250.22 | 1.76 | 242.24 | 100.0 | 245.59 |
| 318 | CB-21 | 249.48 | 0.39 | 242.11 | 100.0 | 245.27 |
| 319 | CB-22 | 244.30 | 4.51 | 241.21 | 100.0 | 242.87 |
| 320 | CB-23 | 250.22 | 1.07 | 242.09 | 100.0 | 243.34 |
| 321 | CB-24 | 249.48 | 0.21 | 241.99 | 100.0 | 243.31 |
| 322 | CB-25 | 244.30 | 1.60 | 241.26 | 100.0 | 242.86 |
| 323 | CB-26 | 244.13 | 1.59 | 241.26 | 100.0 | 242.86 |
| 324 | CB-27 | 249.31 | 0.21 | 241.99 | 100.0 | 243.31 |
| 325 | CB-28 | 250.05 | 1.07 | 242.09 | 100.0 | 243.35 |
| 326 | CB-29 | 253.56 | 0.74 | 242.76 | 100.0 | 243.34 |
| 327 | CB-30 | 243.95 | 1.59 | 241.45 | 100.0 | 242.86 |
| 328 | CB-31 | 249.14 | 0.21 | 242.18 | 100.0 | 243.31 |
| 329 | CB-32 | 249.87 | 1.23 | 242.28 | 100.0 | 243.36 |
| 330 | CB-33 | 243.93 | 0.22 | 241.35 | 100.0 | 242.94 |
| 331 | CB-34 | 243.66 | 1.76 | 241.28 | 100.0 | 242.94 |
| 332 | CB-35 | 254.64 | 0.14 | 243.11 | 100.0 | 245.18 |
| 333 | CB-36 | 254.55 | 0.65 | 243.15 | 100.0 | 245.18 |
| 334 | CB-37 | 249.49 | 1.73 | 242.10 | 100.0 | 244.33 |
| 335 | CB-38 | 248.75 | 0.24 | 241.97 | 100.0 | 243.92 |
| 336 | CB-39 | 248.79 | 0.00 | 242.01 | 100.0 | 243.92 |
| 337 | CB-40 | 249.59 | 1.81 | 242.14 | 100.0 | 244.34 |
| 338 | CB-41 | 249.11 | 0.10 | 242.08 | 100.0 | 243.92 |
| 339 | CB-42 | 249.85 | 0.22 | 242.21 | 100.0 | 244.34 |
| 340 | CB-43 | 254.59 | 0.12 | 243.26 | 100.0 | 245.18 |
| 341 | CB-44 | 244.33 | 1.39 | 241.36 | 100.0 | 242.93 |
| 342 | CB-45 | 254.64 | 0.55 | 243.33 | 100.0 | 243.68 |

Albany Public Health Lab Hydrology Calculations

Catch Basin Table - Time: 0.00 hours

| ID | Label | Elevation (Ground) (ft) | Flow (Captured Maximum) (cfs) | Elevation (Invert) (ft) | Capture Efficiency (Calculated) (%) | Hydraulic Grade (Maximum) (ft) |
|--------------------------|-----------------------------------|-------------------------------|-------------------------------------|-------------------------------|--|---|
| 343 | CB-46 | 254.58 | 0.38 | 243.34 | 100.0 | 243.67 |
| 344 | CB-47 | 249.50 | 1.84 | 242.17 | 100.0 | 243.17 |
| 345 | CB-48 | 248.76 | 0.24 | 242.04 | 100.0 | 243.12 |
| 346 | CB-49 | 249.38 | 1.91 | 242.17 | 100.0 | 243.17 |
| 347 | CB-50 | 248.12 | 1.54 | 241.99 | 100.0 | 242.96 |
| 348 | CB-51 | 243.36 | 1.79 | 241.23 | 100.0 | 242.92 |
| 349 | CB-52 | 243.02 | 0.00 | 241.18 | 100.0 | 242.91 |
| 350 | CB-53 | 248.40 | 0.32 | 241.99 | 100.0 | 242.96 |
| 351 | CB-54 | 246.00 | 0.86 | 241.53 | 100.0 | 242.94 |
| 352 | CB-55 | 253.89 | 1.46 | 243.04 | 100.0 | 243.59 |
| 353 | CB-56 | 263.51 | 1.32 | 255.63 | 100.0 | 256.15 |
| 354 | CB-57 | 249.73 | 0.20 | 242.07 | 100.0 | 244.33 |
| 355 | CB-58 | 249.00 | 0.10 | 241.94 | 100.0 | 243.92 |
| 356 | CB-59 | 254.34 | 0.66 | 243.18 | 100.0 | 245.18 |
| 357 | CB-60 | 243.82 | 0.20 | 241.21 | 100.0 | 242.93 |
| 358 | CB-61 | 256.35 | 2.42 | 248.41 | 100.0 | 252.68 |
| 359 | CB-62 | 254.58 | 0.73 | 249.52 | 100.0 | 249.91 |
| Design Inlet Opening? | Design Structure Elevation? | Inlet Location | Inlet Type | Length (ft) | Inlet | Maximum Gutter Depth (ft) |
| False | True | In Sag | Catalog Inlet | 2.00 | Campbell 3408 | 2.00 |
| False | True | In Sag | Catalog Inlet | 2.00 | Campbell 3408 | 2.00 |
| False | True | In Sag | Catalog Inlet | 2.00 | Campbell 3408 | 2.00 |
| False | True | In Sag | Catalog Inlet | 2.00 | Campbell 3408 | 2.00 |
| False | True | In Sag | Catalog Inlet | 2.00 | Campbell 3408 | 2.00 |
| False | True | In Sag | Catalog Inlet | 2.00 | Campbell 3408 | 2.00 |
| False | True | In Sag | Catalog Inlet | 2.00 | Campbell 3408 | 2.00 |
| False | True | In Sag | Catalog Inlet | 2.00 | Campbell 3408 | 2.00 |
| False | True | In Sag | Catalog Inlet | 2.00 | Campbell 3408 | 2.00 |
| False | True | In Sag | Catalog Inlet | 2.00 | Campbell 3408 | 2.00 |
| False | True | In Sag | Catalog Inlet | 2.00 | Campbell 3408 | 2.00 |
| False | True | In Sag | Catalog Inlet | 2.00 | Campbell 3408 | 2.00 |
| False | True | In Sag | Catalog Inlet | 2.00 | Campbell 3408 | 2.00 |
| False | True | In Sag | Catalog Inlet | 2.00 | Campbell 3408 | 2.00 |
| False | True | In Sag | Catalog Inlet | 2.00 | Campbell 3408 | 2.00 |
| False | True | In Sag | Catalog Inlet | 2.00 | Campbell 3408 | 2.00 |
| False | True | In Sag | Catalog Inlet | 2.00 | Campbell 3408 | 2.00 |
| False | True | In Sag | Catalog Inlet | 2.00 | Campbell 3408 | 2.00 |
| False | True | In Sag | Catalog Inlet | 2.00 | Campbell 3408 | 2.00 |
| False | True | In Sag | Catalog Inlet | 2.00 | Campbell 3408 | 2.00 |
| False | True | In Sag | Catalog Inlet | 2.00 | Campbell 3408 | 2.00 |
| False | True | In Sag | Catalog Inlet | 2.00 | Campbell 3408 | 2.00 |
| False | True | In Sag | Catalog Inlet | 2.00 | Campbell 3408 | 2.00 |
| False | True | In Sag | Catalog Inlet | 2.00 | Campbell 3408 | 2.00 |
| False | True | In Sag | Catalog Inlet | 2.00 | Campbell 3408 | 2.00 |

Catch Basin Table - Time: 0.00 hours

| | | |
|--|---|---------------------------------|
| Albany Public Health Lab Drainage Model.stsw | Bentley Systems, Inc. Haestad Methods Solution Center | CivilStorm |
| 8/16/2024 | 76 Watertown Road, Suite 2D Thomaston, CT 06787 USA +1-203-755-1666 | [10.04.00.158] Page 32 of 40 |

Albany Public Health Lab Hydrology Calculations

Catch Basin Table - Time: 0.00 hours

| Maximum Gutter Depth (Design) (ft) | Surface Storage Type |
|---|--------------------------------|
| 0.00 | Default Storage Equation |
| 0.00 | Default Storage Equation |
| 0.00 | Default Storage Equation |
| 0.00 | Default Storage Equation |
| 0.00 | Default Storage Equation |
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| 0.00 | Default Storage Equation |

Albany Public Health Lab Hydrology Calculations

Catch Basin Table - Time: 0.00 hours

| Maximum Gutter Depth (Design) (ft) | Surface Storage Type |
|---|--------------------------------|
| 0.00 | Default Storage Equation |
| 0.00 | Default Storage Equation |
| 0.00 | Default Storage Equation |
| 0.00 | Default Storage Equation |
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| 0.00 | Default Storage Equation |
| 0.00 | Default Storage Equation |

Albany Public Health Lab Hydrology Calculations

Catch Basin Table - Time: 0.00 hours

| Maximum Gutter Depth (Design) (ft) | Surface Storage Type |
|---|--------------------------------|
| 0.00 | Default Storage Equation |
| 0.00 | Default Storage Equation |
| 0.00 | Default Storage Equation |
| 0.00 | Default Storage Equation |
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| 0.00 | Default Storage Equation |
| 0.00 | Default Storage Equation |

Albany Public Health Lab Hydrology Calculations

Catch Basin Table - Time: 0.00 hours

| Maximum Gutter Depth (Design) (ft) | Surface Storage Type |
|---|--------------------------------|
| 0.00 | Default Storage Equation |
| 0.00 | Default Storage Equation |
| 0.00 | Default Storage Equation |
| 0.00 | Default Storage Equation |
| 0.00 | Default Storage Equation |
| 0.00 | Default Storage Equation |
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| 0.00 | Default Storage Equation |
| 0.00 | Default Storage Equation |
| 0.00 | Default Storage Equation |
| 0.00 | Default Storage Equation |

Albany Public Health Lab Hydrology Calculations

Manhole Table - Time: 0.00 hours

| ID | Label | Elevation (Rim) (ft) | Elevation (Invert) (ft) |
|-----|-------|-------------------------|-------------------------------|
| 166 | MH-1 | 243.17 | 241.73 |
| 138 | MH-2 | 246.59 | 241.00 |
| 150 | MH-3 | 244.65 | 241.10 |
| 147 | MH-4 | 245.44 | 241.02 |
| 106 | MH-5 | 250.29 | 241.51 |
| 47 | MH-6 | 258.32 | 249.02 |
| 75 | MH-7 | 254.67 | 249.83 |
| 94 | MH-8 | 253.94 | 241.81 |
| 58 | MH-10 | 256.18 | 248.23 |
| 54 | MH-11 | 256.37 | 248.06 |
| 90 | MH-12 | 254.08 | 242.80 |
| 93 | MH-13 | 254.03 | 242.66 |
| 104 | MH-14 | 250.52 | 241.99 |
| 116 | MH-15 | 249.78 | 241.89 |
| 151 | MH-16 | 244.60 | 241.16 |
| 102 | MH-17 | 250.59 | 242.13 |
| 115 | MH-18 | 249.82 | 242.00 |
| 160 | MH-19 | 243.66 | 241.02 |
| 155 | MH-20 | 244.14 | 241.14 |
| 72 | MH-21 | 254.93 | 243.04 |
| 111 | MH-22 | 249.95 | 242.00 |
| 125 | MH-23 | 249.21 | 241.87 |
| 162 | MH-24 | 243.60 | 241.09 |
| 73 | MH-25 | 254.89 | 243.23 |
| 113 | MH-26 | 249.87 | 242.07 |
| 127 | MH-27 | 249.13 | 241.94 |
| 149 | MH-28 | 244.67 | 241.26 |
| 133 | MH-29 | 248.56 | 241.90 |
| 136 | MH-30 | 246.83 | 241.59 |
| 146 | MH-31 | 245.46 | 241.04 |
| 148 | MH-32 | 245.44 | 241.02 |
| 68 | MH-33 | 255.19 | 249.38 |
| 71 | MH-34 | 255.00 | 248.86 |
| 80 | MH-35 | 254.58 | 248.66 |
| 64 | MH-36 | 255.35 | 248.17 |
| 101 | MH-37 | 251.31 | 244.43 |
| 38 | MH-40 | 259.29 | 248.42 |
| 89 | MH-41 | 254.23 | 247.33 |
| 99 | MH-42 | 253.27 | 250.46 |
| 39 | MH-43 | 259.12 | 248.49 |
| 145 | MH-44 | 245.81 | 241.47 |
| 52 | MH-45 | 256.63 | 248.25 |
| 53 | MH-46 | 256.41 | 249.59 |
| 49 | MH-47 | 257.75 | 249.15 |
| 44 | MH-48 | 258.76 | 248.64 |
| 56 | MH-49 | 256.32 | 248.09 |

Albany Public Health Lab Hydrology Calculations

Manhole Table - Time: 0.00 hours

| ID | Label | Elevation (Rim) (ft) | Elevation (Invert) (ft) |
|-----|---------|-------------------------|-------------------------------|
| 40 | MH-50 | 259.00 | 253.94 |
| 50 | MH-51 | 257.71 | 252.83 |
| 61 | MH-53 | 255.61 | 251.96 |
| 63 | MH-54 | 255.38 | 251.46 |
| 60 | MH-55 | 255.74 | 250.42 |
| 45 | MH-56 | 258.60 | 250.31 |
| 41 | MH-57 | 258.90 | 249.83 |
| 42 | MH-58 | 258.87 | 248.54 |
| 368 | MH-RL-8 | 258.85 | 243.54 |
| 361 | RL-1 | 254.59 | 254.02 |
| 362 | RL-2 | 254.87 | 254.11 |
| 363 | RL-3 | 256.29 | 255.53 |
| 364 | RL-4 | 255.76 | 255.00 |
| 366 | RL-6 | 255.26 | 254.69 |
| 367 | RL-7 | 255.14 | 254.00 |
| 369 | RL-8 | 255.23 | 254.00 |
| 370 | RL-9 | 254.57 | 254.00 |
| 371 | RL-10 | 255.52 | 254.00 |
| 365 | RL5 | 255.14 | 254.00 |

| Flow (Total In Maximum) (cfs) | Hydraulic Grade (Maximum) (ft) | Freeboard (Required) (ft) | Diameter (in) |
|-------------------------------------|---|---------------------------------|------------------|
| 1.99 | 242.88 | 1.00 | 48.0 |
| 6.25 | 242.88 | 1.00 | 48.0 |
| 16.70 | 242.87 | 1.00 | 48.0 |
| 16.72 | 242.86 | 1.00 | 60.0 |
| 3.29 | 242.88 | 1.00 | 48.0 |
| 9.60 | 253.39 | 1.00 | 48.0 |
| 6.26 | 253.54 | 1.00 | 48.0 |
| 1.84 | 242.88 | 1.00 | 48.0 |
| 17.52 | 252.63 | 1.00 | 48.0 |
| 22.06 | 252.49 | 1.00 | 48.0 |
| 4.71 | 251.94 | 1.00 | 48.0 |
| 1.21 | 243.34 | 1.00 | 48.0 |
| 5.68 | 243.34 | 1.00 | 48.0 |
| 6.16 | 243.32 | 1.00 | 48.0 |
| 10.39 | 242.86 | 1.00 | 48.0 |
| 6.02 | 245.59 | 1.00 | 48.0 |
| 6.55 | 245.28 | 1.00 | 48.0 |
| 10.55 | 242.85 | 1.00 | 60.0 |
| 9.68 | 242.93 | 1.00 | 48.0 |
| 3.37 | 245.18 | 1.00 | 48.0 |
| 7.06 | 244.33 | 1.00 | 48.0 |
| 7.62 | 243.93 | 1.00 | 48.0 |
| 19.31 | 242.92 | 1.00 | 48.0 |

Albany Public Health Lab Hydrology Calculations

Manhole Table - Time: 0.00 hours

| Flow (Total In Maximum) (cfs) | Hydraulic Grade (Maximum) (ft) | Freeboard (Required) (ft) | Diameter (in) |
|-------------------------------------|---|---------------------------------|------------------|
| 0.93 | 243.66 | 1.00 | 48.0 |
| 4.27 | 243.16 | 1.00 | 48.0 |
| 4.70 | 243.12 | 1.00 | 48.0 |
| 8.04 | 242.93 | 1.00 | 48.0 |
| 1.82 | 242.96 | 1.00 | 48.0 |
| 6.17 | 242.95 | 1.00 | 48.0 |
| 19.09 | 242.89 | 1.00 | 48.0 |
| 18.91 | 242.87 | 1.00 | 60.0 |
| 5.76 | 250.46 | 1.00 | 48.0 |
| 5.73 | 249.91 | 1.00 | 48.0 |
| 5.73 | 249.77 | 1.00 | 48.0 |
| 5.72 | 249.27 | 1.00 | 48.0 |
| 5.70 | 248.60 | 1.00 | 48.0 |
| 15.32 | 252.74 | 1.00 | 48.0 |
| 26.07 | 249.74 | 1.00 | 48.0 |
| 3.14 | 253.54 | 1.00 | 48.0 |
| 14.06 | 252.78 | 1.00 | 48.0 |
| 6.78 | 242.94 | 1.00 | 48.0 |
| 17.20 | 252.68 | 1.00 | 48.0 |
| 6.92 | 253.53 | 1.00 | 48.0 |
| 7.72 | 253.41 | 1.00 | 48.0 |
| 11.64 | 252.82 | 1.00 | 48.0 |
| 19.98 | 252.56 | 1.00 | 48.0 |
| 0.62 | 254.64 | 1.00 | 48.0 |
| 0.60 | 253.35 | 1.00 | 48.0 |
| 4.05 | 252.70 | 1.00 | 48.0 |
| 0.65 | 253.54 | 1.00 | 48.0 |
| 0.95 | 253.54 | 1.00 | 48.0 |
| 0.99 | 255.88 | 1.00 | 48.0 |
| 1.29 | 255.45 | 1.00 | 48.0 |
| 0.51 | 254.97 | 1.00 | 48.0 |
| 2.53 | 254.26 | 1.00 | 48.0 |
| 0.63 | 254.27 | 1.00 | 36.0 |
| 0.92 | 254.39 | 1.00 | 36.0 |
| 0.96 | 256.01 | 1.00 | 36.0 |
| 1.25 | 255.58 | 1.00 | 36.0 |
| 0.50 | 255.09 | 1.00 | 36.0 |
| 2.68 | 254.67 | 1.00 | 36.0 |
| 1.88 | 254.53 | 1.00 | 36.0 |
| 0.74 | 254.64 | 1.00 | 36.0 |
| 3.93 | 254.59 | 1.00 | 36.0 |
| 2.26 | 254.59 | 1.00 | 36.0 |

Albany Public Health Lab Hydrology Calculations

Pond Table - Time: 0.00 hours

| ID | Label | Volume Type | Initial Elevation Type | Elevation (Initial) (ft) | Hydraulic Grade (ft) | Storage (Maximum) (gal) |
|-----------------------|------------------------|-----------------|------------------------|--------------------------|----------------------|-------------------------|
| 534 | Basin 1 | Elevation-Area | Invert | 0.00 | 241.00 | 349,888.1 |
| 535 | Basin 2 | Elevation-Area | Invert | 0.00 | 247.00 | 213,627.0 |
| Flow (Total In) (cfs) | Flow (Total Out) (cfs) | Is Overflowing? | Notes | | | |
| 0.00 | 0.00 | False | | | | |
| 0.00 | 0.00 | False | | | | |

APPENDIX D:
COMMUNITY FACILITIES



Environmental, Planning, and Engineering Consultants

34 South Broadway
Suite 300
White Plains, NY 10601
tel: 914 949-7336
fax: 929 284-1085
www.akrf.com

May 7, 2024

Chief Joseph W. Gregory
Albany Fire Department
Fire and Emergency Services
26 Broad Street
Albany, NY 12202
jgregory@albanyny.gov

Re: Request for Information Regarding the Proposed Development of the New York State Life Sciences Public Health Laboratory

Dear Chief Gregory:

AKRF, Inc. has been retained by the Dormitory Authority of the State of New York (“DASNY”) to assess the potential environmental effects of the development of a new Life Sciences Public Health Laboratory building and accessory surface parking lot (the “Proposed Project”) located at 1220 Washington Ave in the City of Albany (the “Project Site”). The Proposed Project includes the redevelopment of the 27-acre Project Site on the southeastern portion of the W. Averell Harriman State Office Building Campus (“Harriman Campus”) with a new, four-story (plus mechanical floor) state-of-the-art laboratory building containing approximately 647,000 gross square feet (“gsf”) and surface parking lot with approximately 930 parking spaces. The Proposed Project would centralize and consolidate the existing operations of the Wadsworth Center, the public health laboratory for the State of New York, in a new Life Sciences Public Health Laboratory building that would maximize resources in support of public health testing, collaborative research, and learning opportunities.

AKRF is preparing the Draft Environmental Impact Statement (DEIS) under New York State Environmental Quality Review Act (SEQRA). For our analysis, we need to obtain information regarding the services provided by the Albany Fire Department to the Project Site. The conceptual site plan and location are shown in the attached figure. Additional information regarding the Proposed Project and its SEQRA documentation may be viewed online at <https://www.dasny.org/node/164824>.

Specifically, we request the following information:

- Existing level of staffing;
- Existing equipment;
- Anticipated response time to the Project Site;
- Number and types of all service calls by the Department to the Project Site for the past 5 years;
- Number and types of all service calls by the Department within the City of Albany overall for the past 5 years;
- Specialized facility related training.

In addition to the above information, please provide any relevant information on anticipated changes to your Department that may affect its future capacity to respond to emergencies, such as, new equipment, anticipated changes in personnel or budget, or other factors that are expected to increase or decrease capacity or operational efficiency.

Thank you for your time and consideration of this request for information. You can respond via mail or telephone to the address/telephone number above or via email to **mkenney@akrf.com**.

Sincerely,
AKRF, Inc.

Megan Kenney
Planner

Attachments: New York State Life Sciences Public Health Laboratory Site Plan



Environmental, Planning, and Engineering Consultants

34 South Broadway
Suite 300
White Plains, NY 10601
tel: 914 949-7336
fax: 929 284-1085
www.akrf.com

May 7, 2024

Chief Eric Hawkins
Albany Police Department
Department of Public Safety
165 Henry Johnson Boulevard
Albany, NY 12210
officeofthechief@albanyny.gov

Re: Request for Information Regarding the Proposed Development of the New York State Life Sciences Public Health

Dear Chief Hawkins:

AKRF, Inc. has been retained by the Dormitory Authority of the State of New York (“DASNY”) to assess the potential environmental effects of the development of a new Life Sciences Public Health Laboratory building and accessory surface parking lot (the “Proposed Project”) located at 1220 Washington Ave in the City of Albany (the “Project Site”). The Proposed Project includes the redevelopment of the 27-acre Project Site on the southeastern portion of the W. Averell Harriman State Office Building Campus (“Harriman Campus”) with a new, four-story (plus mechanical floor) state-of-the-art laboratory building containing approximately 647,000 gross square feet (“gsf”) and surface parking lot with approximately 930 parking spaces. The Proposed Project would centralize and consolidate the existing operations of the Wadsworth Center, the public health laboratory for the State of New York, in a new Life Sciences Public Health Laboratory building that would maximize resources in support of public health testing, collaborative research, and learning opportunities.

AKRF is preparing the Draft Environmental Impact Statement (DEIS) under New York State Environmental Quality Review Act (SEQRA). For our analysis, we need to obtain information regarding the services provided by the Albany Police Department to the Project Site. The conceptual site plan and location are shown in the attached figure. Additional information regarding the Proposed Project and its SEQRA documentation may be viewed online at <https://www.dasny.org/node/164824>.

Specifically, we request the following information:

- Existing level of staffing;
- Existing equipment;
- Anticipated response time to the Project Site;
- Number and types of all service calls by the Department to the Project Site for the past 5 years;
- Number and types of all service calls by the Department within the City of Albany overall for the past 5 years;
- Specialized facility-related training.

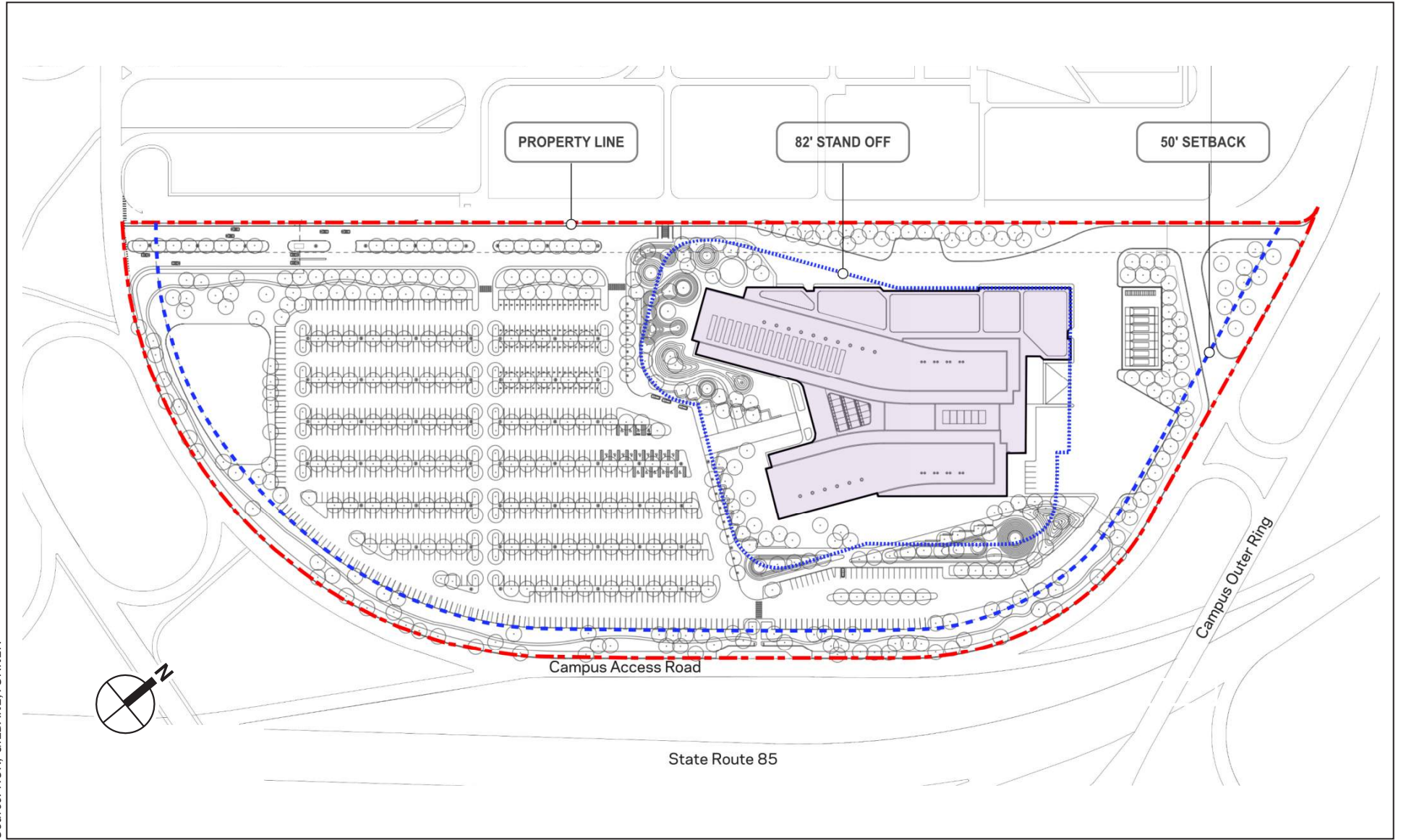
In addition to the above information, please provide any relevant information on anticipated changes to your Department that may affect its future capacity to respond to emergencies, such as, new equipment, anticipated changes in personnel or budget, or other factors that are expected to increase or decrease capacity or operational efficiency.

Thank you for your time and consideration of this request for information. You can respond via mail or telephone to the address/telephone number above or via email to **mkenney@akrf.com**.

Sincerely,
AKRF, Inc.

Megan Kenney
Planner

Attachments: New York State Life Sciences Public Health Laboratory Site Plan



 Project Site

NOTE: FOR ILLUSTRATIVE PURPOSES ONLY

Re: New York State Life Sciences Public Health Laboratory - Request for Emergency Services Information

Megan Kenney <mkenney@akrf.com>

Thu 6/13/2024 1:09 PM

To:jgregory@albanyny.gov <jgregory@albanyny.gov>

Cc:Connor Lacefield <clacefield@akrf.com>

Dear Chief Gregory,

I am writing to follow up on the attached letter I sent on 5/7/24, requesting information regarding emergency services provided by Albany Fire Department at 1220 Washington Avenue.

Any information you can provide would be greatly appreciated!

Thank you,

Megan Kenney

Megan Kenney (she/her)

Planner

P: 914.922.2368 | mkenney@akrf.com | www.akrf.com

Re: New York State Life Sciences Public Health Laboratory - Request for Emergency Services Information

Megan Kenney <mkenney@akrf.com>

Thu 6/13/2024 1:08 PM

To:officeofthechief@albanyny.gov <officeofthechief@albanyny.gov>

Cc:Connor Lacefield <clacefield@akrf.com>

Dear Chief Hawkins,

I am writing to follow up on the attached letter I sent on 5/7/24, requesting information regarding emergency services provided by Albany Police Department at 1220 Washington Avenue.

Any information you can provide would be greatly appreciated!

Thank you,

Megan Kenney

Megan Kenney (she/her)

Planner

P: 914.922.2368 | mkenney@akrf.com | www.akrf.com

34 South Broadway, Suite 300, White Plains, NY 10601