

**SUNY ALBANY  
 CAPITAL PROJECT PLAN  
 SUPPLEMENTAL GENERIC ENVIRONMENTAL IMPACT STATEMENT  
 STATE ENVIRONMENTAL QUALITY REVIEW ACT (SEQRA)  
 (6 NYCRR Part 617)  
 STATEMENT OF FINDINGS**

**Date:** February 11, 2015

**Lead Agency:** University at Albany, SUNY  
**Address:** Errol Millington, Director  
 Office of Campus Planning  
 University at Albany, SUNY  
 1400 Washington Avenue, Service Building A  
 Albany, NY 12222

Pursuant to Article 8 (SEQRA) of the New York State Environmental Conservation Law (ECL) and its implementing regulations (6 New York Code, Rules and Regulations [6 NYCRR] Part 617, the University at Albany, SUNY as SEQRA Lead Agency makes the following findings.

**Name of Action:** Capital Project Plan, Modification

**Description of Action:** The University has developed a Capital Project Plan that encompasses the foreseeable capital needs of the Uptown campus over a five year planning horizon. The Capital Project Plan is largely focused on advancing the goal of renovating and improving the existing physical assets of the University. The University proposes to modify one project that is part of the Capital Project Plan, and add a project to the Plan. A Draft Supplemental Generic Environmental Impact Statement (DSGEIS) and a Final Supplemental Generic Environmental Impact Statement (FSGEIS) have been prepared for this action.

The following Table 1 provides a summary of the projects that constitute this modification of the Capital Project Plan.

**Table 1. Capital Project List.**

<b>Project Name</b>	<b>Project Description</b>	<b>Approximate Construction Start</b>
<b>Emerging Technology and Entrepreneurship Complex (ETEC)</b>	Construction of academic building of approximately 219,000 gsf	2015 Projected Start; 2018 Projected Completion
<b>Storage Building</b>	A 115,000 gsf building for archival storage and collections in an accessible manner; will facilitate first phase of renovation of the University Library. Also, availability for centralizing some other storage needs.	No Scheduled Date

These elements of the Capital Project Plan have further been described in the DSGEIS and FSGEIS, and by the following project parameters (see Table 2), also contained in the DSGEIS and the FSGEIS. The information contained in the DSGEIS and FSGEIS have provided the environmental, social and economic considerations that have been weighed in making decisions about these two projects of the Capital Project Plan.

**SEQR Thresholds for Further Evaluation.** Two components of the FGEIS define the threshold limits of this generic SEQR process. If elements of the Capital Project Plan exceed these thresholds, a supplemental review pursuant to SEQR may be required. These criteria are defined by the parameters in the following two tables, and in Attachment 1 of this Findings Statement (also found in Appendix T of the FGEIS). The two tables consist of:

- (1) Table 2, following (Table 2 of the FSGEIS), titled “Baseline Project Parameters,” contains a range of project characteristics for the proposed two projects that were the subject of the modification of the Capital Project Plan and the subject of the DSGEIS.

**Table 1. Baseline Project Parameters**

Project	Footprint/ New Impermeable Surfaces	Bldg. Height	Number of Occupants (occupants not new to campus/ new to campus)	Heating/ Chilling/ Power	Potable Water Needs	Wastewater Generation	Other Items
9 Emerging Technology and Entrepreneurship Complex (ETEC)	208,875*	68 ft	2,841 (max.), 1,015 (ave.) /397	Heating: 74 gpm HTHW  Chilling: 600 tons  Power: 2500/3125 KVA	45,456 gpd (max.)  16,240 gpd (ave.)  6,352 gpd (new pop.)	42,615 gpd (max.)  15,225 gpd (ave.)  5,995 gpd (new)	219,000 gsf net of 39 new parking spaces
14 Storage Building	Subject to design options	Two story	50/No new occupants to campus	Heating: 6.0 MMBtu  Cooling: 300 tons	1,000 gpd	1,000 gpd	115,000 gsf
<b>*Results in a net gain of 23,221 sq ft of impervious surface from present, but does not account for potential green roof on top of ETEC.</b>							

- (2) Appendix A of the FSGEIS titled “Mitigation Recommendations and Potential Thresholds for Further Evaluation” provides recommendations for mitigation for the two projects that were the subject of the DSGEIS, as well as cumulative impacts identified in the DSGEIS.

**Location:** The two components of this project will be located on only UAlbany’s Uptown Campus, that is, the campus area bounded by Fuller Road to the west, Washington Avenue to the north, the Harriman Research and Technology Park to the east, and Western Avenue to the south.

**Final Generic Environmental Impact Statement Filed:** January 30, 2015

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## **Facts and Conclusions in the FGEIS Relied Upon to Support the Decision:**

The following facts and conclusions are derived from the FSGEIS dated January 30, 2015, including the DGEIS dated December 12, 2014, and the public and agency comment record. They are set forth herein as the basis of the Lead Agency's findings and to document the environmental, socioeconomic and other factors and standards used by the Lead Agency in making its decision.

### **I. Scope of Review**

In accordance with the requirements of SEQRA, the FSGEIS contains:

- a concise description of the proposed action, its purpose, public need and benefits, including social and economic considerations;
- a concise description of the environmental setting of the areas to be affected, sufficient to understand the impacts of the proposed action and alternatives;
- a statement and evaluation of the potential significant adverse environmental impacts and the reasonable likelihood of their occurrence including:
  - reasonably related short-term and long-term impacts, cumulative impacts and other associated environmental impacts;
  - those adverse environmental impacts that cannot be avoided or adequately mitigated if the proposed action is implemented;
  - irreversible and irretrievable commitments of environmental resources that would be associated with the proposed action should it be implemented;
  - growth inducing aspects of the proposed action;
  - impacts of the proposed action on the use and conservation of energy; and
  - impacts of the proposed action on solid waste management.
- a description of mitigation measures;
- a description and evaluation of the range of reasonable alternatives (including the no action alternative) to the action that are feasible, considering the objectives and capabilities of the applicant; and
- comments received during the public and agency review period and the Lead Agency's responses to substantive comments.

### **II. Project Impacts & Mitigation**

The FSGEIS (including the DSGEIS incorporated by reference) identifies both short-term, construction-related activities and long-term impacts associated with the implementation of the individual projects of the Capital Project Plan. Specifically, these potential impacts, as well as recommended mitigative measures to be integrated into the individual projects, or implemented as part of the overall Capital Project Plan, were presented in Appendix A of the FSGEIS.

Implementation of the Capital Project Plan will avoid or minimize adverse environmental impacts to the maximum extent practicable. Adverse environmental impacts will be avoided or minimized to the maximum extent practicable by incorporating, as conditions to these findings, those mitigative measures that were identified as practicable in the DSGEIS and the FSGEIS. Compliance with relevant regulations, incorporation of design features, and the anticipated acquisition of permits from involved agencies have also been considered. The identified practicable mitigation measures for each option are also summarized in Attachment A to this Statement of Findings.

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### **III. Unavoidable Adverse Impacts**

In addition to potential short-term impacts, unavoidable adverse impacts which are expected as a result of project implementation were identified and evaluated. These consist primarily of localized impacts which will affect the project area and its vicinity. Mitigation to reduce the magnitude of unavoidable impacts is described in the Attachment A of this Findings Statement. The following impacts are described in the DSGEIS and FSGEIS.

*Construction Phase Activities.* Potential unavoidable adverse environmental impacts as a result of construction phase activities associated with the Capital Project Plan include:

- short-term disruption and exposure of soils as a result of excavation, grading, and restoration activities
- increased potential for sedimentation and erosion as a result of disruption and exposure of soils
- consumption of petroleum hydrocarbon fuels during construction phase activities and the subsequent release of air pollutants and GHGs, including carbon monoxide, particulate matter, carbon dioxide, and nitrous oxide
- potential short-term and localized increases in dust and vehicle/equipment emissions due to construction activities
- temporary construction-related noise
- increased traffic on campus due to the personal vehicles of construction workers; this will occur concurrent with traffic peaks on campus at the beginning and end of the work day
- increased truck traffic on campus from construction vehicles which is anticipated to be the 2011-2012 academic year.

The potential unavoidable adverse environmental impacts identified above will be temporary in nature and limited in scope. The University has a staging plan to mitigate to an extent the impacts of construction, and will utilize a routing plan presently in preparation to minimize on campus traffic impacts.

*Operational Phase Activities.* Potential unavoidable adverse environmental impacts as a result of operational phase activities associated with the Capital Project Plan include:

- commitment of previously undeveloped land on the Uptown Campus for implementation of components of the Capital Project Plan
- modification or loss of existing terrestrial and forested habitats, vegetative cover, and landscaped open space
- displacement of wildlife associated with existing urban habitats
- potential for increased surface runoff as a result of an increase in impervious surfaces
- consumption of petroleum hydrocarbon fuels and the subsequent release of air pollutants and GHGs, including carbon monoxide, particulate matter, carbon dioxide, and nitrous oxide
- localized and short-term increase in traffic levels along roadways in the vicinity of the Uptown Campus during normal campus hours.
- visual impacts from the installation of the 100 ft tall instrument tower, if constructed.

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The potential unavoidable adverse environmental impacts identified above are not anticipated to be significant. Appropriately designed and implemented mitigation measures, as detailed in the DSGEIS and FSGEIS, and summarized in Attachment A, will minimize the potentially unavoidable adverse environmental impacts associated with the implementation of the Capital Project Plan.

**Certification To Approve/Fund/Undertake:**

Having considered the Draft and Final Supplemental Generic Environmental Impact Statement and having considered the preceding written facts and conclusions relied on to meet the requirements of 6 NYCRR Part 617.11, this Statement of Findings certifies that:

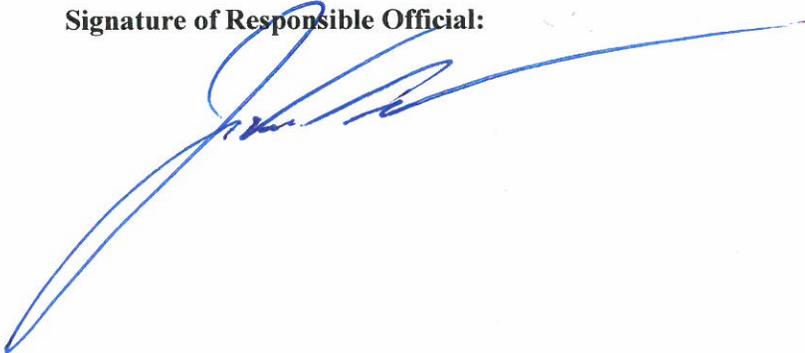
1. The requirements of 6 NYCRR Part 617 have been met; and
2. Consistent with social, economic and other essential considerations from among the reasonable alternatives available, the action is the one that avoids or minimizes adverse environmental impacts to the maximum extent practicable, and that adverse impacts will be avoided or minimized to the maximum extent practicable by incorporating as conditions to the decision those mitigative measures that were identified as practicable.
3. Consistent with the applicable policies of Article 42 of the Executive Law, as implemented by 19 NYCRR Part 600.5, this action will achieve a balance between the protection of the environment and the need to accommodate social and economic considerations.

**Name of Agency:** University at Albany, SUNY  
**Address of Agency:** University at Albany, SUNY  
1400 Washington Avenue  
Albany, NY 12222

**Name and Title of Responsible Official:** James Van Voorst  
- Vice President for Finance and Administration  
University at Albany  
State University of New York  
University Hall 212  
1400 Washington Avenue  
Albany, NY 12222

**Date:** February 11, 2015

**Signature of Responsible Official:**



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**ATTACHMENT A**

**Mitigation Recommendations and  
Thresholds for Further Evaluation**

Appendix A. Mitigation Recommendations and Potential Thresholds for Further Evaluation

Project Number	Project	Resource Impact Topic	Impacts	Mitigation/Recommendations <sup>1</sup>	SEQR Thresholds for Further Evaluation <sup>2</sup>
9.	Emerging Technology and Entrepreneurship Complex (ETEC)	Land (Soils)	<ul style="list-style-type: none"> <li>Temporary, localized soil disturbances as a result of clearing, excavation, and grading activities associated with construction</li> </ul>	<ul style="list-style-type: none"> <li>Project activities requiring site clearing and/or excavation will include stabilization practices to minimize soil erosion. A SWPPP will be prepared to instruct personnel on mitigation measures to prevent pollutants in storm water runoff from entering storm sewers and surface waters. The SWPPP will be prepared in accordance with the NYSDEC SPDES General Permit for Stormwater Discharges from Construction Activities, Permit No. GP-0-10-001 (effective April 1, 2010). It will include erosion and sediment control facilities that consider the following documents:               <ul style="list-style-type: none"> <li>NYSDEC Standards and Specifications for Erosion and Sediment Control (2005).</li> <li>New York State Stormwater Management Design Manual (the Design Manual) prepared by the Center for Watershed Protection for the NYSDEC (2010).</li> </ul> </li> <li>In accordance with the General Permit, the University or its agent will be responsible to provide a qualified person to inspect disturbed areas for compliance with the SWPPP and the proposed erosion and sediment control measures. These inspections are to be completed at least every 7 days (1 inspection/week if disturbance &lt;5 acres; 2/week if &gt;5 acres). Based on the results of the inspection, the pollution prevention measures identified in the SWPPP are to be revised and implemented as appropriate by the Contractor within seven calendar days following the date of the inspection. Further mitigation measures are to be taken by the Contractor if warranted to keep sediment transport off site or discharge of sediment-laden runoff off site.</li> <li>General Permit for Stormwater Discharges from MS4s Permit No. GP-0-10-02 also applies to the Uptown campus.</li> <li>Mitigation measures that may be employed to limit erosion include:               <ul style="list-style-type: none"> <li>restricting the limits of construction to the minimum practicable area required to complete the work (including minimizing the location, number and width of required access routes)</li> <li>restoring temporarily disturbed areas as soon as practicable to pre-development conditions</li> <li>minimizing the amount of bare soil exposed at one time</li> <li>stockpiling material away from steep slopes and flowing water to minimize erosion</li> <li>managing excess spoils off-site in accordance with applicable regulations (reuse alternatives should be considered by the contractor)</li> <li>installing mulch and/or erosion control matting on disturbed areas</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Storm water pollution prevention techniques typical for construction projects will be utilized as noted herein, regardless of the area exposed at any specific point in time during construction. The contractor and the University will be obligated by regulatory requirements to maintain conditions that preclude erosion and sedimentation.</li> </ul>

<sup>1</sup> Recommended mitigation measures may require approval by a body other than the University at Albany, SUNY. Recommendations are not considered mitigation to be implemented until they are authorized by permit and/or approval by the reviewing agency with authority to approve implementation.

<sup>2</sup> "SEQR Thresholds for Further Evaluation" refers to situations or limitations under which a supplemental environmental impact statement may be required

Project Number	Project	Resource Impact Topic	Impacts	Mitigation/Recommendations <sup>1</sup>	SEQR Thresholds for Further Evaluation <sup>2</sup>
				<ul style="list-style-type: none"> <li>○ installing rip-rap or erosion control matting at the bottom of drainage</li> <li>○ installing silt fencing and hay bales on slopes and around stockpiled material</li> <li>○ using trench plugs and dewatering equipment (i.e., pumps and hoses) to direct sediment laden water from dewatering operations to temporary sediment traps or other approved devices to allow for sedimentation prior to discharge to adjacent streams.</li> </ul> <ul style="list-style-type: none"> <li>● In addition, after construction activities are completed, the following restoration measures will be implemented: <ul style="list-style-type: none"> <li>○ subsoil will be properly graded and scarified before topsoil is added (loosening the soil surface where heavy equipment has been used by contour furrowing, imprinting with dozer, or scarification to facilitate subsequent vegetative growth or plantings)</li> <li>○ seeding and mulching (site restoration will occur earlier in areas where no further disturbance is anticipated), and appropriate landscaping</li> <li>○ temporary erosion control devices will be removed from the site upon final site stabilization</li> <li>○ “green” alternatives such as the use of pervious surfaces for access routes will also be evaluated.</li> </ul> </li> <li>● Also, much of the new parking lot associated with the ETEC Building is proposed to be constructed using porous asphalt to reduce the potential for runoff.</li> </ul>	
		Land (Topography)	<ul style="list-style-type: none"> <li>● Alteration of topography through site grading</li> </ul>	<ul style="list-style-type: none"> <li>● Contractors will be required to backfill excavations to the original ground surface level unless otherwise directed. Excavation areas will be filled according to the site-specific standards with suitable materials and compacted according to the contract specifications to minimize site alteration.</li> </ul>	<ul style="list-style-type: none"> <li>● Preliminary designs of the project have indicated that there will be no negative impact if common construction practices are followed to prevent erosion.</li> </ul>
		Water Resources (Surface Waters, Ground Water)	<ul style="list-style-type: none"> <li>● No significant adverse impacts to surface or ground waters</li> </ul>	<ul style="list-style-type: none"> <li>● No mitigation necessary (also see “Water Supply and Wastewater” and “Drainage”)</li> </ul>	<ul style="list-style-type: none"> <li>● Storm water pollution prevention techniques typical for construction projects will be utilized as noted herein, regardless of the area exposed at any specific point in time during construction. The contractor and the University will be obligated by regulatory requirements to maintain conditions that preclude erosion and sedimentation.</li> </ul>
		Water Supply and Wastewater	<ul style="list-style-type: none"> <li>● Use of up to 45,456 gpd of potable water</li> <li>● Generation of 42,615 gpd of wastewater</li> </ul>	<ul style="list-style-type: none"> <li>● City of Albany has indicated that adequate water supply is available for the University’s use.</li> <li>● City’s wastewater transmission capacity constraints may necessitate the option of transmitting wastewater to the Town of Guilderland, as was done for other projects that were the subject of the DGEIS.</li> <li>● Plan also may amend connections from existing buildings to provide offsetting capacity relief.</li> </ul>	<ul style="list-style-type: none"> <li>● Waste water to be transmitted to the Town of Guilderland</li> </ul>
		Drainage	<ul style="list-style-type: none"> <li>● No significant adverse impacts to surface or ground waters</li> </ul>	<ul style="list-style-type: none"> <li>● Site to be managed to prevent erosion through site-specific construction SWPPP.</li> <li>● Use of storm water control techniques in construction of site (e.g., vegetated swales, permeable pavers, rain gardens); preparation of a</li> </ul>	<ul style="list-style-type: none"> <li>● Operational stormwater control dependent on incorporation of subsurface detention structure.</li> </ul>

Project Number	Project	Resource Impact Topic	Impacts	Mitigation/Recommendations <sup>1</sup>	SEQR Thresholds for Further Evaluation <sup>2</sup>
				<p>SWPPP for the completed project site</p> <ul style="list-style-type: none"> <li>Stormwater will be directed to a subsurface detention structure when building is complete and released to Indian Pond when capacity is available</li> </ul>	
		Air	<ul style="list-style-type: none"> <li>Short term release of exhaust from the combustion of fossil fuels in construction vehicles and equipment</li> <li>Short term generation of dust during construction activities such as clearing, grading, and excavation</li> <li>Potential for localized increase in vehicular exhaust resulting from construction-related delays (queued vehicles)</li> <li>Generation of emissions associated with heating, chilling and hot water</li> <li>Potential for generation of emissions from emergency generator(s)</li> </ul>	<ul style="list-style-type: none"> <li>To minimize potential construction-related adverse air impacts, contractors will be required to adhere to the standard contract documents and performance specifications set forth by University and SUCF during the construction bid phase. Documents typically include mitigation measures and conduct requirements that should eliminate or minimize the potential to adversely impact local air quality. Regardless of the option selected, engineering controls, including the following, will be implemented in accordance with applicable regulations to mitigate potential adverse air impacts: <ul style="list-style-type: none"> <li>a) contractors will be required to develop, implement and maintain dust suppression measures that may include the use of filters, covers, wetting, sweeping of paved areas, and mulching in unpaved areas.</li> <li>b) preparation and implementation of a maintenance and protection of traffic plan to minimize traffic delays and queued vehicle exhaust emissions</li> <li>c) use of appropriate emission control devices on vehicles and equipment</li> </ul> </li> </ul> <p>A highly conservative, worst case analysis of potential air emissions from the proposed projects in the Capital Project Plan indicates that even under such assumptions, there will not be a significant impact on air emissions.</p>	<ul style="list-style-type: none"> <li>Compliance with federal/state air regulations should not require other than a modification of the existing permit.</li> </ul>
		Climate Change	<ul style="list-style-type: none"> <li>Generation of greenhouse gases associated with heating, chilling and hot water</li> </ul>	<ul style="list-style-type: none"> <li>UAlbany has signed the American College and University Presidents Climate Commitment obligating the university to move to a carbon neutral position</li> <li>As the next step in its commitment, UAlbany has prepared a Climate Action Plan indicating how it will achieve that goal.</li> </ul>	<ul style="list-style-type: none"> <li>Project operation will maintain consistency with the Climate Action Plan developed by the University.</li> </ul>
		Plants, Animals and Habitat	<ul style="list-style-type: none"> <li>No significant adverse impacts; ETEC Building site largely is a surface parking lot. No significant loss of urban habitat associated with new parking lot; part of a small wooded plot to be lost, but replacement landscaping will include native trees in accordance with the University's Landscaping Plan.</li> </ul>	<ul style="list-style-type: none"> <li>No mitigation necessary</li> </ul>	<ul style="list-style-type: none"> <li>Should project location be modified, potential for impacts to be evaluated and mitigation developed.</li> </ul>

Project Number	Project	Resource Impact Topic	Impacts	Mitigation/Recommendations <sup>1</sup>	SEQR Thresholds for Further Evaluation <sup>2</sup>
		Aesthetic Resources (Noise, Light, Visual)	<ul style="list-style-type: none"> <li>No significant adverse impacts: <ul style="list-style-type: none"> <li>Noise generation from building operation minimal</li> <li>Exterior security lighting and interior lighting consistent with adjacent campus buildings; not visible to residential areas or other sensitive receptors</li> <li>Visual profile consistent with adjacent campus buildings</li> <li>Instrument tower would extend to a height of approximately 100 ft above grade</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Lighting to be shielded and focused down to reduce spillover and dark sky impacts.</li> <li>No other mitigation necessary</li> </ul>	<ul style="list-style-type: none"> <li>Construct building consistent with university standards.</li> <li>Re-evaluate if height of instrument tower is to be significantly increased.</li> </ul>
		Cultural, Historical and Archeological	<ul style="list-style-type: none"> <li>Potential for disruption of undiscovered archeological resources due to construction</li> </ul>	<ul style="list-style-type: none"> <li>Phase 1A/1B did not find any resources; no additional studies recommended</li> </ul>	<ul style="list-style-type: none"> <li>No resources discovered; maintain general awareness.</li> </ul>
		Transportation	<ul style="list-style-type: none"> <li>Facility will consolidate some activities/facilities on campus, as well as result in the hire of new faculty and draw additional students and graduate students/postgraduate students</li> <li>Displacement of parking spaces by ETEC Building. New surface lot will result in net addition of 39 spaces</li> <li>Traffic study indicates no significant impact of additional vehicular to on campus circulation, or to off campus intersections</li> </ul>	<ul style="list-style-type: none"> <li>Traffic study conclusions indicate that no mitigation is necessary: <ul style="list-style-type: none"> <li>“The existing internal roadway network for the Uptown campus will not be significantly affected with regard to decreased functionality.” Maximum increases would be a delay of 1.7 seconds on the internal intersections occurring during the Wednesday and Thursday peak hour from 2:00 p.m. to 3:00 p.m.</li> <li>“Minimal increases in delay were only noted at the 190/Washington Avenue intersection,” with no loss in the Level of Service (LOS).</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>The University will implement a traffic plan for construction vehicles and vehicles of construction workers based on the estimate of vehicles as presented in Appendix J of the DGEIS.</li> </ul>
		Energy	<ul style="list-style-type: none"> <li>Heating: 6.0 MMBtu/hr</li> <li>Cooling: 600 tons</li> <li>Power: 2500/3125 kVA</li> </ul>	<ul style="list-style-type: none"> <li>New ductbank to bring two new feeders from the OGS high yard to the campus.</li> <li>Energy efficiency options to be evaluated at the time of design.</li> <li>Project designed for LEED Gold with emphasis on energy efficiency and sustainability</li> </ul>	<ul style="list-style-type: none"> <li>Should anticipated sources of electricity be insufficient, a supplemental evaluation may be required for the new alternative.</li> <li>LEED Gold and other energy efficiency measures are considered integral to the project.</li> </ul>
		Public Health and Safety	<ul style="list-style-type: none"> <li>Potential increased short-term impact on emergency services during construction activities (additional calls for emergency services – municipal and campus EMS, fire, police).</li> <li>Potential impact on emergency services during operations due to incidents typical to a science, engineering or technology facility (chemical spills, injuries, fire, explosion).</li> </ul>	<ul style="list-style-type: none"> <li>Potential impacts on emergency services can be mitigated by implementation of the following measures: <ul style="list-style-type: none"> <li>contractor adherence to a “Maintenance and Protection of Traffic Plan”, which would be coordinated with UAlbany and off-campus emergency service providers</li> <li>maintenance of secure construction sites including secure storage of construction-related equipment and materials (<i>i.e.</i>, locked trailers, flammable and/or chemical storage cabinet)</li> <li>adherence to best management practices associated with the proper storage and use of chemical and petroleum products during construction operation phases, including spill response procedures</li> </ul> </li> <li>Construction activities would likely result in impacts on traffic flow on-campus roads, which could be mitigated by the implementation of a traffic plan.</li> </ul>	<ul style="list-style-type: none"> <li>Appropriate plans and coordination relating to this project will be conducted with municipal emergency services so that effective response can be anticipated.</li> </ul>

Project Number	Project	Resource Impact Topic	Impacts	Mitigation/Recommendations <sup>1</sup>	SEQR Thresholds for Further Evaluation <sup>2</sup>
		Community Character and Land Use	<ul style="list-style-type: none"> <li>Open Space and Recreation – no significant impacts associated with open space and recreation, either on or off campus; project will remove some limited open space for the relocation of a surface parking lot</li> <li>Environmental Justice – no significant impacts associated with environmental justice; project will not adversely impact off-campus socioeconomics, demographics, or quality of life</li> </ul>	<ul style="list-style-type: none"> <li>No mitigation necessary</li> </ul>	<ul style="list-style-type: none"> <li>A significant modification of the following elements of project plan may require a supplemental review, and possibly a supplemental environmental impact statement: <ul style="list-style-type: none"> <li>Size of the building (gsf)</li> <li>Location of the building with respect to the perimeter road, property boundary</li> <li>Building footprint</li> <li>Building height</li> <li>Height of proposed instrument tower</li> </ul> </li> </ul>
		Solid Waste	<ul style="list-style-type: none"> <li>No significant adverse impacts associated with solid waste management anticipated</li> <li>Options available to minimize solid waste generation and to divert materials away from landfills consistent with campus' recycling and sustainability program (<a href="http://www.albany.edu/gogreen/recycling-and-waste-reduction.shtml">http://www.albany.edu/gogreen/recycling-and-waste-reduction.shtml</a>)</li> </ul>	<ul style="list-style-type: none"> <li>Solid waste, consisting predominantly of typical office trash, will be stored in an enclosed, lidded unit prior to transportation and management off-site.</li> <li>Hazardous waste will be managed consistent with the University's existing plans and protocols for compliance with applicable regulations.</li> <li>During the construction phase, contractors will be required to identify performance criteria related to construction methods and materials, which include: <ul style="list-style-type: none"> <li>an evaluation of material selection for interior and exterior building materials for recycled content and local material</li> <li>diversion of construction and land clearing debris from landfill disposal</li> <li>redirecting recyclable-recovered resources back to the manufacturing process</li> </ul> </li> <li>redirecting reusable materials to appropriate sites.</li> </ul>	<ul style="list-style-type: none"> <li>None required</li> </ul>
14.	Storage Building	Land (Soils)	<ul style="list-style-type: none"> <li>Temporary, localized soil disturbances as a result of clearing, excavation, and grading activities associated with construction</li> </ul>	<ul style="list-style-type: none"> <li>Project activities requiring site clearing and/or excavation will include stabilization practices to minimize soil erosion. A SWPPP will be prepared to instruct personnel on mitigation measures to prevent pollutants in storm water runoff from entering storm sewers and surface waters. The SWPPP will be prepared in accordance with the NYSDEC SPDES General Permit for Stormwater Discharges from Construction Activities, Permit No. GP-0-10-001 (effective April 1, 2010). It will include erosion and sediment control facilities that consider the following documents: <ul style="list-style-type: none"> <li>NYSDEC Standards and Specifications for Erosion and Sediment Control (2005).</li> <li>New York State Stormwater Management Design Manual (the Design Manual) prepared by the Center for Watershed Protection for the NYSDEC (2010).</li> </ul> </li> <li>In accordance with the General Permit, the University or its agent will be responsible to provide a qualified person to inspect disturbed areas for compliance with the SWPPP and the proposed erosion and sediment control measures. These inspections are to be completed at least every 7 days (1 inspection/week if disturbance &lt;5 acres; 2/week if &gt;5 acres). Based on the results of the inspection, the pollution prevention measures identified in the SWPPP are to be revised and implemented as appropriate by the Contractor within seven calendar days following the date of the inspection. Further mitigation measures are to be taken by the Contractor if warranted to keep sediment transport off site or discharge of sediment-laden runoff off site.</li> </ul>	<ul style="list-style-type: none"> <li>Storm water pollution prevention techniques typical for construction projects will be utilized as noted herein, regardless of the area exposed at any specific point in time during construction. The contractor and the University will be obligated by regulatory requirements to maintain conditions that preclude erosion and sedimentation.</li> </ul>

Project Number	Project	Resource Impact Topic	Impacts	Mitigation/Recommendations <sup>1</sup>	SEQR Thresholds for Further Evaluation <sup>2</sup>
				<ul style="list-style-type: none"> <li>• General Permit for Stormwater Discharges from MS4s Permit No. GP-0-10-02 also applies to the Uptown campus.</li> <li>• Mitigation measures that may be employed to limit erosion include: <ul style="list-style-type: none"> <li>○ restricting the limits of construction to the minimum practicable area required to complete the work (including minimizing the location, number and width of required access routes)</li> <li>○ restoring temporarily disturbed areas as soon as practicable to pre-development conditions</li> <li>○ minimizing the amount of bare soil exposed at one time</li> <li>○ stockpiling material away from steep slopes and flowing water to minimize erosion</li> <li>○ managing excess spoils off-site in accordance with applicable regulations (reuse alternatives should be considered by the contractor)</li> <li>○ installing mulch and/or erosion control matting on disturbed areas</li> <li>○ installing rip-rap or erosion control matting at the bottom of drainage</li> <li>○ installing silt fencing and hay bales on slopes and around stockpiled material</li> <li>○ using trench plugs and dewatering equipment (i.e., pumps and hoses) to direct sediment laden water from dewatering operations to temporary sediment traps or other approved devices to allow for sedimentation prior to discharge to adjacent streams.</li> </ul> </li> <li>• In addition, after construction activities are completed, the following restoration measures will be implemented: <ul style="list-style-type: none"> <li>○ subsoil will be properly graded and scarified before topsoil is added (loosening the soil surface where heavy equipment has been used by contour furrowing, imprinting with dozer, or scarification to facilitate subsequent vegetative growth or plantings)</li> <li>○ seeding and mulching (site restoration will occur earlier in areas where no further disturbance is anticipated), and appropriate landscaping</li> <li>○ temporary erosion control devices will be removed from the site upon final site stabilization</li> <li>○ “green” alternatives such as the use of pervious surfaces for access routes will also be evaluated.</li> </ul> </li> </ul>	
		Land (Topography)	<ul style="list-style-type: none"> <li>• No significant adverse impacts to topography</li> </ul>	<ul style="list-style-type: none"> <li>• Contractors will be required to backfill excavations to the original ground surface level unless otherwise directed. Excavation areas will be filled according to the site-specific standards with suitable materials and compacted according to the contract specifications to minimize site alteration.</li> <li>• Minimize the amount of bare soil exposed at one time.</li> </ul>	<ul style="list-style-type: none"> <li>• Based on the level topography of the project site options, there will be no negative impact if common construction practices are followed to maintain grade and prevent erosion.</li> </ul>
		Water Resources (Surface Waters, Ground Water)	<ul style="list-style-type: none"> <li>• No significant adverse impacts to surface or ground waters</li> </ul>	<ul style="list-style-type: none"> <li>• No mitigation necessary (also see “Water Supply and Wastewater” and “Drainage”)</li> </ul>	<ul style="list-style-type: none"> <li>• Storm water pollution prevention techniques typical for construction projects will be utilized as noted herein, regardless of the area exposed at</li> </ul>

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					any specific point in time during construction. The contractor and the University will be obligated by regulatory requirements to maintain conditions that preclude erosion and sedimentation.
		Water Supply and Wastewater	<ul style="list-style-type: none"> <li>Use of less than 1,000 gpd of water</li> <li>Generation of less than 1,000 gpd of wastewater</li> </ul>	<ul style="list-style-type: none"> <li>City of Albany has indicated that adequate water supply is available for the University's use.</li> <li>City's wastewater transmission capacity constraints may necessitate the option of transmitting wastewater to the Town of Guilderland, as was done for other projects that were the subject of the DGEIS.</li> </ul>	<ul style="list-style-type: none"> <li>Obtain permission for discharge of wastewater from the City of Albany or the Town of Guilderland, as has been done for other projects in the Capital Project Plan.</li> </ul>
		Drainage	<ul style="list-style-type: none"> <li>Potential for erosion on slopes</li> <li>Increase in impervious surfaces at both potential site locations</li> </ul>	<ul style="list-style-type: none"> <li>An existing detention facility will be enhanced to accommodate stormwater generated by the increased impervious surfaces due to the construction of this facility. The site adjacent to the Boor Building consists of pervious surfaces. The location will require evaluation as to the appropriate method of stormwater control should it be selected.</li> </ul>	<ul style="list-style-type: none"> <li>Operational stormwater control dependent on incorporation of a detention structure.</li> </ul>
		Air	<ul style="list-style-type: none"> <li>Generation of emissions associated with heating, chilling and hot water</li> <li>Potential for generation of emissions from emergency generator(s)</li> </ul>	<ul style="list-style-type: none"> <li>Will require modification of existing state facility permit</li> <li>A highly conservative analysis of potential air emissions from the proposed projects in the Capital Project Plan indicates that even under such assumptions, there will not be a significant impact on air emission.</li> </ul>	<ul style="list-style-type: none"> <li>Compliance with federal/state air regulations should not require other than a modification of the existing permit.</li> </ul>
		Climate Change	<ul style="list-style-type: none"> <li>Generation of greenhouse gases associated with heating, chilling and hot water</li> </ul>	<ul style="list-style-type: none"> <li>UAlbany has signed the American College and University Presidents Climate Commitment obligating the University to move to a carbon neutral position</li> <li>UAlbany has prepared a Climate Action Plan indicating how it will achieve that goal.</li> </ul>	<ul style="list-style-type: none"> <li>Project operation will maintain consistency with the Climate Action Plan developed by the University.</li> </ul>
		Plants, Animals and Habitat	<ul style="list-style-type: none"> <li>No significant adverse impacts - loss of landscaping and urban habitat</li> <li>Site vegetation consists of lawn and/or other landscape plants, not characteristic hydrophytic wetland vegetation</li> </ul>	<ul style="list-style-type: none"> <li>No mitigation necessary</li> </ul>	<ul style="list-style-type: none"> <li>Avoid regulated habitat if present or acquire appropriate state and federal approvals if regulated habitat will be impacted.</li> </ul>
		Aesthetic Resources (Noise, Light, Visual)	<ul style="list-style-type: none"> <li>No significant adverse impacts: <ul style="list-style-type: none"> <li>Noise generation from building operation minimal</li> <li>Exterior security lighting and interior lighting consistent with adjacent campus buildings; not visible to residential areas or other sensitive receptors</li> </ul> </li> <li>Visual profile consistent with adjacent campus buildings</li> </ul>	<ul style="list-style-type: none"> <li>Lighting to be shielded and focused down to reduce spillover and dark sky impacts.</li> <li>No other mitigation necessary</li> </ul>	<ul style="list-style-type: none"> <li>None required.</li> </ul>
		Cultural, Historical and Archeological	<ul style="list-style-type: none"> <li>Potential for disruption of undiscovered archeological resources due to construction</li> </ul>	<ul style="list-style-type: none"> <li>Central portion of the campus was extensively and significantly disturbed during grading and construction of the campus, as confirmed in a 1962 photograph.</li> <li>Phase IA/IB investigation may be necessary if site is selected outside the historically disturbed area.</li> </ul>	<ul style="list-style-type: none"> <li>None required.</li> </ul>
		Transportation	<ul style="list-style-type: none"> <li>Not anticipated to induce additional traffic to or off campus – trips will involve transfers from site to site on campus</li> </ul>	<ul style="list-style-type: none"> <li>No mitigation necessary</li> </ul>	<ul style="list-style-type: none"> <li>None required.</li> </ul>
		Energy	<ul style="list-style-type: none"> <li>Heating: 6.0 MMBtu/hr</li> <li>Cooling: 300 tons</li> <li>Power needs unknown at this time, but not expected to</li> </ul>	<ul style="list-style-type: none"> <li>No new electrical facilities will be required.</li> <li>Energy efficiency options to be evaluated at the time of design.</li> <li>Project designed for LEED Gold with emphasis on energy</li> </ul>	<ul style="list-style-type: none"> <li>Should anticipated sources of electricity be insufficient, a supplemental evaluation may be required for the new alternative.</li> </ul>

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			be significant	efficiency and sustainability	
		Public Health and Safety	<ul style="list-style-type: none"> <li>Potential increased short-term impact on emergency services during construction activities (additional calls for emergency services – municipal and campus EMS, fire, police)</li> <li>Potential increased impact on municipal emergency services when project is constructed (additional calls for emergency services – EMS, fire, campus police).</li> </ul>	<ul style="list-style-type: none"> <li>Potential impacts on emergency services can be mitigated by implementation of the following measures: <ul style="list-style-type: none"> <li>contractor adherence to a “Maintenance and Protection of Traffic Plan”, which would be coordinated with UAlbany and off-campus emergency service providers</li> <li>maintenance of secure construction sites including secure storage of construction-related equipment and materials (<i>i.e.</i>, locked trailers, flammable and/or chemical storage cabinet)</li> <li>adherence to best management practices associated with the proper storage and use of chemical and petroleum products during construction operation phases, including spill response procedures</li> </ul> </li> <li>Construction activities would likely result in impacts on traffic flow on-campus roads, which could be mitigated by the implementation of a traffic plan.</li> </ul>	<ul style="list-style-type: none"> <li>None required.</li> </ul>
		Community Character and Land Use	<ul style="list-style-type: none"> <li>Open Space and Recreation – no significant impacts associated with open space and recreation, either on or off campus; project will remove some limited open space</li> <li>Environmental Justice – no significant impacts associated with environmental justice; project will not adversely impact off-campus socioeconomics, demographics, or quality of life</li> </ul>	<ul style="list-style-type: none"> <li>No mitigation necessary</li> </ul>	<ul style="list-style-type: none"> <li>None required.</li> </ul>
		Solid Waste	<ul style="list-style-type: none"> <li>No significant adverse impacts associated with solid waste management anticipated</li> <li>Options available to minimize solid waste generation and to divert materials away from landfills consistent with campus’ recycling and sustainability program (<a href="http://www.albany.edu/gogreen/recycling-and-waste-reduction.shtml">http://www.albany.edu/gogreen/recycling-and-waste-reduction.shtml</a> )</li> </ul>	<ul style="list-style-type: none"> <li>Solid waste, consisting predominantly of typical office trash, will be stored in an enclosed, lidded unit prior to transportation and management off-site.</li> <li>During the construction phase, contractors will be required to identify performance criteria related to construction methods and materials, which include: <ul style="list-style-type: none"> <li>an evaluation of material selection for interior and exterior building materials for recycled content and local material</li> <li>diversion of construction and land clearing debris from landfill disposal</li> <li>redirecting recyclable-recovered resources back to the manufacturing process</li> </ul> </li> <li>redirecting reusable materials to appropriate sites.</li> </ul>	<ul style="list-style-type: none"> <li>None required.</li> </ul>
n/a	Cumulative Impacts	Land (Soils, Geology, Topography)	<ul style="list-style-type: none"> <li>Capital Project Plan will directly impact approximately 15 acres on the Uptown Campus, converting them to impervious surfaces</li> <li>Disturbances and exposure of soils, and potential impacts to topography at some locations</li> <li>These two projects do not alter the conclusions of the DGEIS/FGEIS with respect to this resource.</li> </ul>	<ul style="list-style-type: none"> <li>On a project-by-project basis, construction necessitates typical and commonly applied measures to address the following: <ul style="list-style-type: none"> <li>Measures to limit land clearing to instances where necessary and to conserve existing topsoil, where present</li> <li>Limiting soil disturbance to only those areas as is necessary at any point in the construction schedule</li> <li>Erosion control and stabilization measures during soil exposure</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Storm water pollution prevention techniques typical for construction projects will be utilized as noted herein, regardless of the area exposed at any specific point in time during construction. The contractor and the University will be obligated by regulatory requirements to maintain conditions that preclude erosion and sedimentation.</li> </ul>
		Water Resources (Surface Waters, Ground Water)	<ul style="list-style-type: none"> <li>Potential for erosion and sedimentation to surface water bodies and sewer systems from construction activities</li> <li>These two projects do not alter the conclusions of the DGEIS/FGEIS with respect to this resource.</li> </ul>	<ul style="list-style-type: none"> <li>Soils to be managed to prevent erosion through site-specific construction SWPPP.</li> <li>Soils to be managed to prevent erosion through site-specific construction SWPPP; stabilization of site through typical erosion control measures; landscaping of property.</li> </ul>	<ul style="list-style-type: none"> <li>Storm water pollution prevention techniques typical for construction projects will be utilized as noted herein, regardless of the area exposed at any specific point in time during construction. The contractor and the University will be obligated by regulatory requirements to maintain conditions that preclude erosion and sedimentation.</li> </ul>

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		Water Supply and Wastewater	<ul style="list-style-type: none"> <li>The DGEIS provided an estimate of total water need of 112,000 – 140,000 gpd for the project elements of the Capital Project Plan, with 190,000 gpd on days of maximum capacity events at the athletic facilities</li> <li>Portions of the City of Albany sewer system may have constraints on the ability to accept additional wastewater connections.</li> <li>These two projects do not alter the conclusions of the DGEIS/FGEIS with respect to this resource.</li> </ul>	<ul style="list-style-type: none"> <li>City of Albany has indicated that adequate water supply is available for University's use</li> <li>Potential options for wastewater disposal, subject to final design calculations and project specific consultation with the City if Albany and the Town of Guilderland, include (a) connecting to the City of Albany system via the Woodville Pump Station, (b) connecting to the northern portion of the City of Albany system, and (c) connecting to the Town of Guilderland system. Evaluations performed as part of the Student Housing Project and the Athletics Improvements Project indicate that there appears to be sufficient capacity to accommodate wastewater from these projects.</li> <li>Note that a campus-wide evaluation has not been performed to ascertain the level of decrease in wastewater generation from buildings taken off-line during their rehabilitation, while new construction is used as surge space. These offsetting reductions would be largely implemented outside the five year planning horizon of this Capital Project Plan.</li> <li>Plan may also involve amending connections from existing buildings to provide off-setting capacity relief</li> <li>Discussions between the University and both the City of Albany and Town of Guilderland have identified feasible options for the management of wastewater generated by several of the proposed projects. However, project-specific wastewater studies may be required by the municipalities before they will accept wastewater into their sewer systems</li> </ul>	<ul style="list-style-type: none"> <li>As has occurred with respect to the Student Housing Project, discussions between the University and both the City of Albany and Town of Guilderland will be necessary to confirm that feasible options for the management of wastewater are available on a project specific basis. Project-specific wastewater studies may be required by the municipalities as design plans are developed before the municipalities will accept wastewater into their sewer systems.</li> </ul>
		Drainage	<ul style="list-style-type: none"> <li>Total runoff volume from new impervious surfaces has been provided in Table 3.1-2 of the FGEIS for building construction projects as part of this Capital Project Plan.</li> <li>Inadequate storm water control can result in drainage issues on campus, to adjacent neighborhoods, and in municipal combined sewers.</li> <li>Previously available information has been significantly upgraded with completion of a Stormwater Master Plan (Chazen and O'Brien &amp; Gere 2012).</li> <li>These two projects do not alter the conclusions of the DGEIS/FGEIS with respect to this resource.</li> </ul>	<ul style="list-style-type: none"> <li>Proposed facilities will be designed in accordance with the NYS Stormwater Management Design Manual and provide sufficient mitigation to reduce post-development runoff rates to pre-developed conditions or desired rates.</li> </ul>	<ul style="list-style-type: none"> <li>The Stormwater Master Plan provides a framework for stormwater management on campus. Storm water management may be incorporated into site and project designs and utilize existing aboveground detention (such as Indian Pond); new on site retention (such as below ground basins or in-pipe storage); new on-campus, above ground retention basins or; through discussions with the City or the Town of Guilderland, discharge to their storm systems. Specific recommendations have been made for several of the projects in the Capital Project Plan based on modeling performed of the Uptown Campus' storm system.</li> <li>These options are considered reasonable; however, given the potential for issues with sewer capacities, they will be subject to site-specific storm water studies that may be required by the municipalities before they will accept storm water into their sewer systems.</li> <li>Another common practice for cost-effective storm water management is the use of offsets, that is, the design of on-site controls for storm water discharges at an existing site, allowing storm water discharges from a new project; this option also would be subject to the approval of the municipal authority.</li> </ul>
		Air	<ul style="list-style-type: none"> <li>Short term release of exhaust from the combustion of</li> </ul>	<ul style="list-style-type: none"> <li>To minimize potential construction-related adverse air impacts,</li> </ul>	<ul style="list-style-type: none"> <li>Compliance with federal/state air regulations</li> </ul>

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			<ul style="list-style-type: none"> <li>fossil fuels in construction vehicles and equipment</li> <li>• Short term generation of dust during construction activities such as clearing, grading, and excavation</li> <li>• Potential for localized increase in vehicular exhaust resulting from construction-related delays (queued vehicles)</li> <li>• Generation of emissions associated with heating, chilling and hot water</li> <li>• Potential for generation of emissions from emergency generator(s)</li> <li>• These two projects do not alter the conclusions of the DGEIS/FGEIS with respect to this resource.</li> </ul>	<ul style="list-style-type: none"> <li>contractors will be required to adhere to the standard contract documents and performance specifications set forth by University and SUCF during the construction bid phase. Documents typically include mitigation measures and conduct requirements that should eliminate or minimize the potential to adversely impact local air quality. Regardless of the option selected, engineering controls, including the following, will be implemented in accordance with applicable regulations to mitigate potential adverse air impacts: <ul style="list-style-type: none"> <li>a) contractors will be required to develop, implement and maintain dust suppression measures that may include the use of filters, covers, wetting, sweeping of paved areas, and mulching in unpaved areas.</li> <li>b) preparation and implementation of a maintenance and protection of traffic plan to minimize traffic delays and queued vehicle exhaust emissions</li> <li>c) use of appropriate emission control devices on vehicles and equipment</li> </ul> </li> <li>• Operations – will require modification of existing state facility permit</li> <li>• Estimated Worst Case Total Emissions (lb/yr) of nitrogen oxides would total 72% of the emission cap; sulfur dioxide emissions would be 61% of the emission cap. This conclusion is reached with the double counting of the emissions from the Science Surge Building and the ETEC Building; the actual impacts, therefore, will be significantly lower.</li> <li>• As a result, UAlbany, having reduced its emissions profile even with these projects, in conjunction with the redevelopment of the Harriman Campus and future development of the SUNY Polytechnic Institute campus and the UAlbany Uptown Campus, is not anticipated to adversely impact the area's air quality.</li> </ul>	<ul style="list-style-type: none"> <li>should not require other than a modification of the existing permit.</li> <li>• A significant increase in estimated cooling and heating needs for one or projects in the Capital Project Plan from that noted in the FGEIS (see Table 3.1-1) and the DSGEIS may impact cumulative air emissions (as presented in Appendix H of the DGEIS). Under this circumstance, a supplemental review may be required.</li> </ul>
		Climate Change	<ul style="list-style-type: none"> <li>• Generation of greenhouse gases associated with heating, chilling and hot water</li> <li>• These two projects do not alter the conclusions of the DGEIS/FGEIS with respect to this resource.</li> </ul>	<ul style="list-style-type: none"> <li>• UAlbany has signed the American College and University Presidents Climate Commitment obligating the University to move to a carbon neutral position</li> <li>• UAlbany has prepared a Climate Action Plan indicating how it will achieve that goal.</li> </ul>	<ul style="list-style-type: none"> <li>• Project operation will maintain consistency with the University's Climate Action Plan presently being developed by the University.</li> <li>• A significant increase in estimated cooling and heating needs from that noted in the FGEIS (see Table 3.1-1) or the DSGEIS may impact GHG emissions. Under this circumstance, a supplemental review may be required.</li> </ul>
		Plants, Animals and Habitat	<ul style="list-style-type: none"> <li>• Significant impacts largely associated with the Student Housing Project</li> <li>• For the Student Housing Project: <ul style="list-style-type: none"> <li>○ Removal of wetland habitat</li> <li>○ Removal of wooded habitat</li> <li>○ Field habitat survey does not indicate presence of habitat of rare, threatened or endangered species listed for Albany County</li> </ul> </li> <li>• Cumulatively, for other projects: <ul style="list-style-type: none"> <li>○ No significant adverse impacts - loss of landscaping and urban habitat</li> <li>○ Site vegetation consists of lawn and other landscape plants, not characteristic hydrophytic wetland vegetation</li> </ul> </li> <li>• These two projects do not alter the conclusions of the</li> </ul>	<ul style="list-style-type: none"> <li>• For the Student Housing Project <ul style="list-style-type: none"> <li>○ Location of the project will result in the disruption of eight wetlands totaling 0.332 acres. A joint application has been submitted to the NYSDEC and U.S. Army Corps of Engineers, which will evaluate the application and rule on the nature of mitigation to be required. It is anticipated that mitigation may involve the expansion of wetlands around Indian Pond in compensation for 0.332 acres of wetlands disrupted at the project site. There is appropriate area at the wetlands associated with Indian Pond to implement this type of mitigation.</li> <li>○ Removal of some wooded habitat is an unavoidable adverse impact of this project; new plantings of deciduous and evergreen trees will be placed to provide buffer of the site from the Tudor Road neighborhood.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• For the Student Housing Project: <ul style="list-style-type: none"> <li>○ Compliance with mitigation requirements of the U.S. Army Corps of Engineers and the NYSDEC will be required, which will likely include monitoring of mitigation success.</li> <li>○ If project plans are modified such that additional wetlands will be disrupted, supplemental review may be required.</li> <li>○ Techniques to mitigate damage to that portion of the wooded area near the construction site that will not be removed include tying back overhanging tree branches and limbs; the use of proper pruning techniques for trees damaged</li> </ul> </li> </ul>

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			DGEIS/FGEIS with respect to this resource.	<ul style="list-style-type: none"> <li>• Cumulatively, for other projects:               <ul style="list-style-type: none"> <li>○ Landscaping to be consistent with guidelines in the Landscape Master Plan.</li> <li>○ Potential project locations on campus, other than those consisting only of landscaping, to be evaluated for the potential presence of critical habitat.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>○ during construction; and protecting the trunks of trees near the construction corridor. In the course of establishment of woody species, it is anticipated that edge type habitats will form along the transition from the constructed site to the new buffer plantings, thereby increasing floral and faunal diversity.</li> <li>○ Slash (vegetative debris) produced from the clearing of vegetation within the easements will be temporarily stockpiled. Contractors will be required to provide for adequate storage and maintenance of excess spoils generated from construction activities (<i>i.e.</i>, from site clearing, material displaced by pipeline, <i>etc.</i>). In addition, a portion of the cleared vegetation may be chipped via mechanical means by contractors and used to mulch areas that have been seeded. Permanent stockpiles of cleared vegetation on the completed site will not be permitted.</li> <li>○ The University commits to the site plan as proposed and described in the DGEIS that includes a berm and a vegetated buffer between the project and the Tudor Road residential neighborhood. The plantings will be a mix of conifer and deciduous trees that will be maintained by the University, which will monitor the success of the plantings. The plantings will be selected for success in the site specific environment.</li> <li>○ Should the vegetated buffer not be implemented, a supplemental environmental impact statement will be prepared to evaluate options to address the issues (noise, visual, light, natural environment) that are the basis for its selection for mitigation.</li> <li>• Cumulatively, for other projects, none likely to be required. If potential critical habitat (defined as other than landscaped areas) is present at a proposed project location, appropriate evaluations will be performed and permits/approvals acquired from regulatory agencies prior to project implementation.</li> </ul>
		Aesthetic Resources (Noise, Light, Visual)	<ul style="list-style-type: none"> <li>• No significant adverse impacts:               <ul style="list-style-type: none"> <li>○ Noise generation from building operation minimal</li> <li>○ Exterior security lighting and interior lighting consistent with adjacent campus buildings; not visible to residential areas or other sensitive receptors</li> </ul> </li> <li>• Visual profile consistent with adjacent campus</li> </ul>	<ul style="list-style-type: none"> <li>• During construction, the following mitigation measures may be implemented:               <ul style="list-style-type: none"> <li>○ Contractors will be responsible for using appropriate mufflers on machinery to mitigate potential construction-related noise impacts</li> <li>○ Limiting work day construction activities to normal hours (the NYSDEC program policy suggests that limiting activity to normal work day hours is an effective</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• None required, except as incorporated into Student Housing Project Plan (see Project No. 1, preceding) to address potential for project-specific issues.</li> </ul>

Project Number	Project	Resource Impact Topic	Impacts	Mitigation/Recommendations <sup>1</sup>	SEQR Thresholds for Further Evaluation <sup>2</sup>
			<ul style="list-style-type: none"> <li>buildings</li> <li>These two projects do not alter the conclusions of the DGEIS/FGEIS with respect to this resource.</li> </ul>	<ul style="list-style-type: none"> <li>mitigation [NYSDEC 2001])</li> <li>Lighting to be shielded and focused down to reduce spillover and dark sky impacts.</li> <li>Mitigation has been incorporated into Student Housing Project Plan to address potential for project-specific issues.</li> </ul>	
		Cultural, Historic, Archeological	<ul style="list-style-type: none"> <li>Impacts not anticipated</li> </ul>	<ul style="list-style-type: none"> <li>Central portion of the campus was extensively and significantly disturbed during grading and construction of the campus, as confirmed in a 1962 photograph.</li> <li>Subsurface at locations would have been significantly disturbed during excavation and grading for existing buildings and other campus development since the 1960s.</li> <li>No mitigation necessary</li> </ul>	<ul style="list-style-type: none"> <li>An independent archaeologist has indicated that no cultural resource investigations at the project sites are recommended. Concurrence with his conclusion by NYSOPRHP on a project-specific basis will be requested, as is the present direction of the NYSOPRHP. Should NYSOPRHP require additional site investigations for further confirmation, they will be performed by the University, as appropriate</li> <li>If significant cultural resources are identified within a project area, project modifications may be made to the extent practicable to avoid or minimize potential impacts. Where avoidance is not feasible, a resource recovery plan will be developed that balances resource preservation, engineering, and environmental and economic concerns. This plan will be forwarded to the NYSOPRHP for review and approval prior to implementation and will include: field methodologies, crew characteristics (with resumes), techniques of collection, excavation, data recovery and analysis, facilities for treatment, preservation and storage of materials, and disposition of artifacts and specimens.</li> </ul>
		Transportation	<ul style="list-style-type: none"> <li>Potential for localized increase construction-related delays (queued vehicles)</li> <li>Except for ETEC Building, completed projects not anticipated to induce additional traffic to or from campus. Traffic study indicates no decrease in LOS due to increased trips related to the ETEC Building.</li> </ul>	<ul style="list-style-type: none"> <li>The University will implement project-specific traffic plans for construction vehicles and vehicles of construction workers based on the estimate of vehicles as presented in Appendix J of the DGEIS. As noted in the DGEIS (Section 3.10.2), the University often has multiple construction or building rehabilitation projects active on campus concurrently, and has experience developing plans to minimize traffic disruption, and impacts to the safety of the campus community.</li> <li>For traffic related to special events, most notably for the stadium improvements as part of Project No. 5, the University will work with NYSOGS to use the Harriman Campus parking lots, with campus-provided shuttle services, as appropriate.</li> </ul>	<ul style="list-style-type: none"> <li>The University will coordinate with local municipalities for traffic control planning related to special events on campus. These will likely occur more often at times (weekends) that do not conflict with peak traffic in the area.</li> <li>Most stadium events that will result in capacity or attendance significantly above that at present are likely to occur in the evening or on weekends, when parking lots on the Uptown Campus or the Harriman Campus are underutilized or largely not utilized. As noted herein, the University has confirmed with the New York State Department of General Services that parking lots on the Harriman Campus may be used for stadium events.</li> </ul>
		Energy	<ul style="list-style-type: none"> <li>Table 3.1-1 in the FGEIS presents estimated heating, cooling and power needs for the major building infrastructure elements of this Capital Project Plan. The DSGEIS supplements that information for the two Projects that it addresses.</li> </ul>	<ul style="list-style-type: none"> <li>Bringing these buildings on line will not significantly impact energy supplies or ability to deliver energy to the campus.</li> <li>No new electrical facilities will be required.</li> <li>As part of UAlbany's commitment to reduce GHG emissions under the ACUPCC, and its sustainability planning process, the University is evaluating energy efficiency options.</li> <li>Project designed for LEED Silver (minimum) with emphasis on energy efficiency and sustainability</li> </ul>	<ul style="list-style-type: none"> <li>Should anticipated sources of and needs for cooling, heating and power change from that contained in Table 3.1-1 of this FGEIS, a supplemental environmental review may be necessary.</li> </ul>
		Public Health and Safety	<ul style="list-style-type: none"> <li>Potential increased short-term impact on emergency</li> </ul>	<ul style="list-style-type: none"> <li>Potential impacts on emergency services can be mitigated by</li> </ul>	<ul style="list-style-type: none"> <li>Appropriate plans and coordination relating to</li> </ul>

Project Number	Project	Resource Impact Topic	Impacts	Mitigation/Recommendations <sup>1</sup>	SEQR Thresholds for Further Evaluation <sup>2</sup>
			<p>services during construction activities (additional calls for emergency services – municipal and campus EMS, fire, police)</p> <ul style="list-style-type: none"> <li>• These two projects do not alter the conclusions of the DGEIS/FGEIS with respect to this resource.</li> </ul>	<p>implementation of the following measures:</p> <ul style="list-style-type: none"> <li>○ contractor adherence to a “Maintenance and Protection of Traffic Plan”, which would be coordinated with UAlbany and off-campus emergency service providers</li> <li>○ maintenance of secure construction sites including secure storage of construction-related equipment and materials (<i>i.e.</i>, locked trailers, flammable and/or chemical storage cabinet)</li> <li>○ adherence to best management practices associated with the proper storage and use of chemical and petroleum products during construction operation phases, including spill response procedures</li> </ul> <ul style="list-style-type: none"> <li>• Construction activities would likely result in impacts on traffic flow on-campus roads, which could be mitigated by the implementation of a traffic plan.</li> <li>• Nominal increased need for emergency services over the long term is anticipated.</li> </ul>	<p>this project will be conducted with municipal emergency services so that effective response can be anticipated both during construction and during operation.</p> <ul style="list-style-type: none"> <li>• The University will implement a traffic plan for construction vehicles and vehicles of construction workers based on the estimate of vehicles as presented in Appendix J of the DGEIS.</li> </ul>
		Community Character and Land Use	<ul style="list-style-type: none"> <li>• Socioeconomics – no significant adverse impacts on local economics, although events at new stadium likely will require supplies and services to be derived from the community.</li> <li>• Community services – while University has its own police and EMT services, the project may result in additional calls for support from surrounding communities.</li> <li>• Environmental Justice – will not adversely impact environmental justice communities.</li> <li>• Recreation – no significant adverse impacts to recreational resources</li> <li>• Land use – will result in a reconfiguration of land uses in this area of campus, especially related to Project No. 1 (Student Housing Project)</li> <li>• Open Space – no significant adverse impacts to open space resources.</li> <li>• These two projects do not alter the conclusions of the DGEIS/FGEIS with respect to this resource.</li> </ul>	<ul style="list-style-type: none"> <li>• Mitigation consists of adequate consultation and planning with surrounding municipalities to coordinate needs for external services, if necessary</li> <li>• New trees and other landscaping features will be added as part of these projects; will be consistent with campus landscaping plan (Trowbridge &amp; Wolf, 2009).</li> <li>• Some elements of the Capital Project Plan will enhance the community’s recreational use of the campus. Purple Path and Bicycle-Pedestrian Path will provide the community with an improved and safer opportunity for recreational bicycle use, walking, and jogging.</li> <li>• Measures to be taken to reduce the impacts of the Student Housing Project to the adjacent neighborhood:</li> <li>• Buildings to be located as far west on property as possible, away from property boundary with neighborhood necessitating relocation of campus road</li> <li>• Lighting in parking lot and around buildings to be shielded and focused down to reduce spillover</li> <li>• Berm to be constructed along property boundary to reduce sight lines and sound</li> <li>• Conifer plantings along slopes of berm to decrease site lines, and to buffer noise, light and view of the buildings</li> </ul>	<ul style="list-style-type: none"> <li>• None required.</li> </ul>
		Solid Waste	<ul style="list-style-type: none"> <li>• No significant adverse impacts associated with solid waste management anticipated</li> <li>• Options available to minimize solid waste generation and to divert materials away from landfills consistent with campus’ recycling and sustainability program (<a href="http://www.albany.edu/gogreen/recycling-and-waste-reduction.shtml">http://www.albany.edu/gogreen/recycling-and-waste-reduction.shtml</a> )</li> <li>• Regulated (hazardous, biological) waste from science building and other operations continue to be managed in accordance with state and federal requirements</li> <li>• These two projects do not alter the conclusions of the DGEIS/FGEIS with respect to this resource.</li> </ul>	<ul style="list-style-type: none"> <li>• Solid waste, consisting predominantly of typical office trash, will be stored in an enclosed, lidded unit prior to transportation and management off-site.</li> <li>• During the construction phase, contractors will be required to identify performance criteria related to construction methods and materials, which include: <ul style="list-style-type: none"> <li>○ an evaluation of material selection for interior and exterior building materials for recycled content and local material</li> <li>○ diversion of construction and land clearing debris from landfill disposal</li> <li>○ redirecting recyclable-recovered resources back to the manufacturing process</li> <li>○ redirecting reusable materials to appropriate sites.</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• None required.</li> </ul>