

Record of Decision Northwest Science Quadrangle

University of Connecticut | Storrs, CT



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1 Decision

The University of Connecticut intends to continue with the implementation of the Northwest Science Quad (the Proposed Action), which consists of the following elements on an approximately 22-acre site on the Storrs Campus:

- Science 1 – construction of a new ~198,000 gross square foot (GSF) STEM Research Center to house new STEM teaching and research facilities, including the Institute for Materials Science and Materials Science and Engineering programs.
- Supplemental Utility Plant (SUP) – phased construction of a ~56,300 square foot (SF) utility plant which at full build out will consist of four chiller units, emergency power via two 2-MW diesel generators, dual fuel 100,000 lb/hr steam boiler, two dual fuel combustion turbines, cooling towers, and the associated auxiliary equipment needed to operate the utility generating units, as well as an approximately 50 megawatt electrical substation and above and below ground storage tanks.
- North Woodland Corridor – development of a landscaped corridor to serve as a connector between the Northwest Science Quad and the rest of the science district and provide an area to implement green infrastructure for stormwater management.
- Improvements to King Hill Road and realignment of Hillside Road and Alumni Drive which surround the site.
- Utility Tunnel from current Central Utility Plant (CUP) to proposed SUP – extension of the existing tunnel on Auditorium Road to contain domestic, reclaimed, fire protection, and chilled water; condensate; steam; and a cable tray system to support electrical cables.

- Stormwater and Utilities to serve the Northwest Science Quad – to include direct burial sanitary sewer, electricity, emergency power, and stormwater utilities.
- Surface Parking – approximately 174 parking spaces in a lot parallel to King Hill Road and adjacent to the SUP, to be constructed on an existing parking lot or other currently developed surface.

The Proposed Action is needed to replace aging STEM space, add STEM facility space to meet demand, attract top-notch faculty and students, increase utility production and distribution capacity, and to support the Next Generation Connecticut initiative to expand the University of Connecticut’s STEM programs to provide qualified individuals for Connecticut’s industries.

This decision is based upon a careful consideration of alternatives and potential environmental impacts as documented in the Environmental Impact Evaluation (EIE) (Fuss & O’Neill, Inc., December 2018) that was prepared for the Proposed Action, as well as comments received during the public review period for the EIE (December 18, 2018 – February 8, 2019). A copy of the Executive Summary that was included in the EIE is attached (see Attachment A).

2 Statement of Environmental Impact

Potential direct adverse effects resulting from the Proposed Action are those associated with the loss of an approximately 4,500 SF isolated inland wetland area. Alteration of the wetland area will be permitted under the Connecticut Department of Energy and Environmental Protection (CTDEEP) consistent with the Connecticut Inland Wetlands and Watercourses Act and

implementing regulations. Appropriate mitigation will be identified through the permitting process. Limited unavoidable temporary impacts are anticipated during the construction phase, including construction-related impacts to traffic, air quality, noise, hazardous materials, solid waste, and stormwater. These impacts will be mitigated through the use of best management practices during construction and are not anticipated to result in permanent adverse effects.

No adverse indirect effects associated with encroachment-alteration are anticipated as a result of the Proposed Action. Foreseeable indirect impacts associated with induced growth (or growth influencing) are limited to potential increases in utility capacity, which will enable growth, especially in the northern portion of the Storrs Campus. However, the construction of a Supplemental Utility Plant (SUP) was specifically identified an important element in the 2015 Storrs Campus Master Plan, and its impact as a growth influencing factor is therefore consistent with responsible planning for campus growth. Further, future construction that is enabled by the SUP will be subject to environmental review and permitting, as appropriate, and appropriate mitigation would be identified for any associated future impacts.

Short-term utility demand will increase as a result of the Proposed Action, but increases are expected to be met through existing capacity for campus-supplied utilities and ultimately offset by the phased construction of the SUP which will provide additional utility capacity for electricity, steam, and chilled water, with a cumulative benefit to campus utility capacity. Cumulative impacts to air quality inherently linked to the expansion of large fuel-burning equipment that will foreseeably occupy the SUP will be mitigated through the University's commitment to maintaining

emissions below the critical thresholds identified in the campus Title V permit, effectively limiting the potential for cumulative air quality impact by placing a cap on emissions that is specifically intended to avoid direct and cumulative air quality impacts.

All practicable means to avoid, minimize, or offset any associated environmental impacts that are identified in the EIE will be adopted. The mitigation measures identified in the EIE, and in the responses to comments on the EIE, have been adopted and will be implemented as part of the Proposed Action.

3 Summary of Consultation with Agencies and Other Persons

A Notice of Scoping for the Proposed Action was published in the Connecticut Council on Environmental Quality (CEQ) Environmental Monitor on November 21, 2017, beginning the 30-day scoping period. The scoping period ended on December 22, 2017 (Attachment B). During the scoping period, a public scoping meeting was held on the University campus on December 7, 2017. No public oral comments were received during the public meeting. During the scoping period, written comments were received from the Connecticut Department of Energy and Environmental Protection (CTDEEP), the Town of Mansfield, and the Connecticut Department of Public Health (CTDPH).

Preparation of the EIE involved coordination with Federal and State agencies and municipal officials, including CTDEEP and the Connecticut State Historic Preservation Office (SHPO). A Notice of Availability for the EIE was advertised in the CEQ Environmental Monitor and made available to the public on December 18, 2018 and again on January 8, 2019 and February 5, 2019. The notice

also appeared on the University of Connecticut Office of University Planning, Design and Construction website on December 12, 2018, and in the Willimantic Chronicle on December 18, 2018, December 24, 2018, and December 31, 2018. The public review and comment period began on December 18, 2018 and ended on February 8, 2019. Copies of the EIE public review period notices and advertisements are provided in Attachment C.

The EIE was made available for inspection during the comment period at the Mansfield Town Clerk's Office, Audrey P. Beck Municipal Building, 4 South Eagleville Road, Mansfield, Connecticut and the Mansfield Public Library, 54 Warrenville Road, Mansfield, Connecticut. The document was sent to the following agencies and entities for review and comment:

- Council on Environmental Quality
- Connecticut Department of Energy and Environmental Protection
- Connecticut Department of Public Health
- Connecticut Department of Transportation
- Connecticut Commission on Culture and Tourism
- Connecticut Office of Policy and Management
- Town of Mansfield

The EIE was also made available for review on the Council on Environmental Quality website (https://www.ct.gov/ceq/lib/ceq/Final_NW_ScienceQuad_EIE_20181206_EnvMon.pdf) and the University of Connecticut Office of University Planning, Design and Construction website ([https://updc.uconn.edu/wp-](https://updc.uconn.edu/wp-content/uploads/sites/1525/2018/12/Final_NW_ScienceQuad_EIE_20181206_reduced.pdf)

[content/uploads/sites/1525/2018/12/Final_NW_ScienceQuad_EIE_20181206_reduced.pdf](https://updc.uconn.edu/wp-content/uploads/sites/1525/2018/12/Final_NW_ScienceQuad_EIE_20181206_reduced.pdf))

4 Summary of the Public Hearing Record

A public hearing on the EIE was held on January 30, 2019 at 7:00 pm in the Konover Auditorium at the University of Connecticut Thomas J. Dodd Research Center, 405 Babbidge Road, Unit 1205, Storrs, Connecticut. The public hearing was livestreamed and can be viewed at the following link:

https://kaltura.uconn.edu/media/NW+Science+Quad+Project+-30+Jan+2019/1_jo7pabxg

A copy of the presentation provided at the hearing is included in Attachment D.

5 Response to Comments on the EIE

This Record of Decision contains all comments submitted on the EIE, including oral testimony provided during the public hearing. Copies of comments received on the EIE and their responses are provided in Attachment E. Comments were received from the Connecticut Department of Energy and Environmental Protection, the Connecticut Department of Public Health, the Town of Mansfield, Ms. Meg Reich of Mansfield Center, CT, and Dr. Anji Seth, Department of Geography, University of Connecticut.

Attachment A – Environmental Impact Evaluation (EIE)
Executive Summary
(Fuss & O’Neill, Inc., December 2018)

Executive Summary

The University of Connecticut (University or UConn) proposes to construct a new Northwest Science Quad on an approximately 22-acre site located at the northwest corner of the Storrs campus in Mansfield, CT. The site is mostly three surface parking areas Lot 9, X-Lot and L-Lot. The proposed project, which is anticipated to begin construction in the second half of 2019, consists of the following elements (Figure ES-1):

- Science 1 - An approximately 193,600 GSF STEM Research Center will be constructed to house new STEM teaching and research facilities, including the Institute for Materials Science (IMS) and Materials Science and Engineering (MSE) programs. Science 1 will incorporate best practices of sustainability with a target goal of LEED Gold certification. UConn will also conform to Connecticut High Performance Building requirements and pursue the U.S. Green Building Council Sustainable SITES certification for sustainable landscape design. The feasibility of installation of a solar array on Science 1 is also being evaluated in the design process.
- Supplemental Utility Plant (SUP) - It is anticipated that the SUP will be completed on the western side of the site in three separate phases in order to meet near-term and long-term campus utility needs. The SUP full buildout will consist of the plant building, which is anticipated to include four chiller units, emergency power via two 2-MW diesel generators, 100,000 lb/hr steam boiler, two gas combustion turbines, cooling towers and the associated auxiliary equipment needed to operate these utility generating units. The total building footprint at full buildout is anticipated to

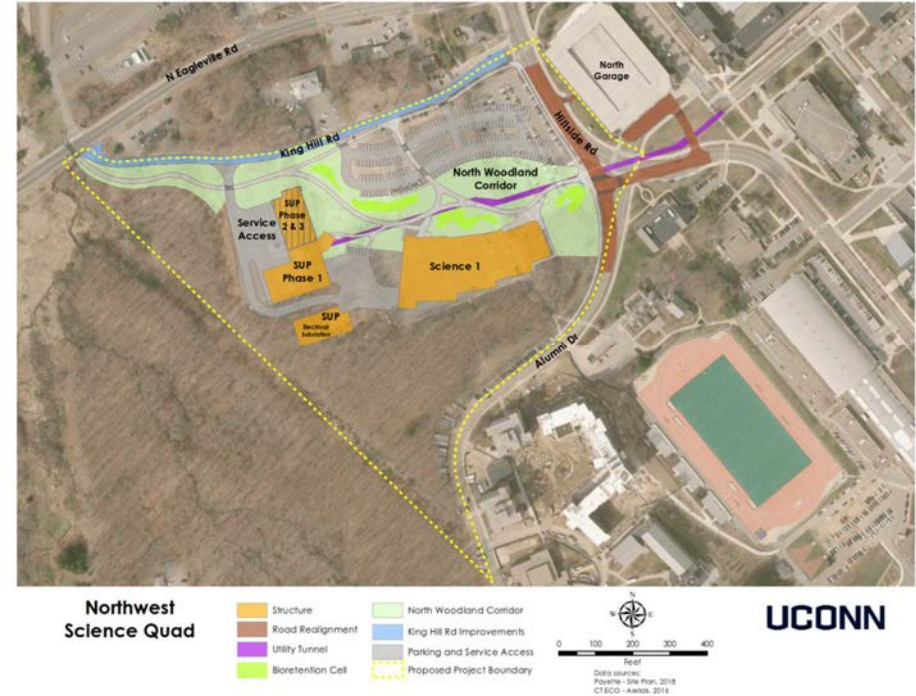


Figure ES-1. Proposed Action – Northwest Science Quadrangle

be approximately 56,300 SF. The SUP facility will also include an approximately 50 megawatt electrical substation designed for 115 KV along with utility switching equipment, above ground storage tanks for ammonia, and below ground storage tanks for diesel fuel. A green roof in Phase 2 of the SUP construction is also being evaluated in the design process. The initial phase of the SUP construction is the focus of analysis in this EIE, with full buildout considered in the analysis of cumulative impacts.

- North Woodland Corridor - Landscaping of the project area will be designed to form part of the North Woodland Corridor featured in the Campus Master Plan. The North Woodland Corridor will serve as a landscape connector and pedestrian pathway to link the Northwest Science Quad to the rest of the science district. The corridor will also provide an area to implement green infrastructure for stormwater management.
- Improvements to King Hill Road and realignment to Hillside Road and Alumni Drive - A portion of King Hill Road may be converted to one way traffic in the westbound direction. Final access to the Northwest Science Quad will be available from both the east and the west. Hillside Road and Alumni Drive will undergo realignment to clarify patterns for vehicle traffic.
- Utility Tunnel from current Central Utility Plant (CUP) to proposed SUP - The existing utility tunnel on Auditorium Road will be extended to the new SUP. Utility conveyances will be contained within the tunnel for access and ongoing maintenance. It is anticipated that the tunnel will contain domestic water, reclaimed water, chilled water, pumped condensate, steam, high pressure condensate, fire protection, and a cable tray support system to support insulated electrical cables.
- Stormwater and Utilities to serve the Northwest Science Quad - In addition to those contained in the proposed utility tunnel, sanitary sewer, electricity, emergency power, and stormwater utilities will be direct burial on-site. Stormwater management will be incorporated into the North Woodland Corridor using green infrastructure

techniques and will serve a dual purpose as a teaching tool.

- Surface Parking- A new surface parking lot will be created parallel to King Hill Road. The lot is proposed to be constructed on an existing parking lot or other currently developed surface and will contain approximately 180 parking spaces.

Project Purpose

Provide additional STEM research and teaching facilities and additional utility capacity on the UConn Storrs campus.

Project Need

Proposed Action needed to support *NextGenCT* and Master Plan initiatives and goals.

- Replace aging STEM space
- Add STEM facility space to meet demand
- Attract top-notch faculty and students
- Increase utility production and distribution capacity

The University, as the sponsoring agency for this project, has prepared an Environmental Impact Evaluation (EIE) to further evaluate the potential environmental impacts of the proposed Northwest Science Quad development, hereafter referred to as the Proposed Action.

The University considered reasonable alternatives to the Northwest Science Quad development, including the No Action alternative (i.e., “do nothing”). The alternatives evaluation is summarized below:

- No Action Alternative - The No Action Alternative would fail to address the purpose and need for the project, which is to provide state-of-the-art STEM facilities with sufficient space to support research and teaching in these disciplines. Furthermore, the No Action Alternative would not address the purpose and need of the project relative to increasing utilities capacity to support campus and master planning goals. The No Action Alternative is not aligned with Campus Master Plan goals or the goals of *NextGenCT*. Both explicitly aim to expand STEM teaching and research at UConn through updated infrastructure, new STEM research and teaching labs, and increased STEM student enrollment. Consequently, the No Action Alternative was rejected by the University.
- Alternative Campus Locations - UConn underwent an extensive planning process to develop the 2015 Campus Master Plan. That effort sought to prioritize needs, define the highest and best use for sites on the Storrs campus, and establish planning principles to guide future campus development. In considering alternatives, the Master Plan identified the North Eagleville Science District. The location identified in the Master Plan for the development of the Northwest Science Quad is a natural extension of the existing science core to the east, does not result in the loss of greenspace, and is currently occupied by surface parking lots which result in substantial runoff to Eagleville Brook. Consequently, the area occupied by Lot 9, X-Lot and L-Lot was selected as the preferred location on the Storrs campus for the development of the Northwest Science Quad. The SUP was co-located to the Northwest Science Quad, as the sciences are projected to be the largest single new user of chilled water and have the greatest need for access to new emergency power capacity (Skidmore, Owings, and Merrill, LLP, 2015b, pp. 51, 53).
- Alternative Site Concepts - Alternative site configurations for the Proposed Action within the Northwest Science Quad site were assessed throughout the project planning process (Towers Golde, 2016). Goals for the site layout included minimizing impacts to wetlands and existing trees/woodland area, providing pedestrian/vehicle separation on site, and providing a woodland corridor to allow for green infrastructure and low impact design for improved stormwater management. Off-site effects of any of the proposed site configurations are anticipated to be similar with the exception of traffic circulation, which could differ based on traffic circulation through the site and on King Hill Road but could be addressed through traffic management measures.
- Preferred Alternative - The preferred alternative to emerge from the site configuration planning process is shown in Figure ES-1. This alternative allows for the necessary buildable area to construct the key elements

needed to address the purpose and need for the Proposed Action while also meeting the goals of minimizing disturbance to natural resources on the site, providing for pedestrian vehicular separation, and allowing for development of a woodland corridor. Consequently, the site configuration shown in Figure ES-1 was selected as the Preferred Alternative which was carried forward for analysis in the CEPA process.

Potential direct adverse effects resulting from the Proposed Action are those associated with the loss of an approximately 2500 SF inland wetland area. One area of wetland impact is an isolated wetland located in the southeast corner of the proposed Science 1 building and the other is located in the northeast corner of the project area where the North Woodland Corridor pedestrian path encroaches on the wetland area in the vicinity of the intersection of King Hill Road and North Eagleville Road. Alteration of the wetland area will be permitted under the Connecticut Department of Energy and Environmental Protection (CTDEEP) *General Permit for Water Resource Construction Activities* and subject to the conditions of the U.S. Army Corps of Engineers Connecticut General Permit. Appropriate mitigation will be identified through the permitting process.

Limited construction-related impacts to traffic, air quality, noise, hazardous materials, solid waste, and stormwater are unavoidable but are temporary in nature and will be mitigated through the use of best management practices during construction and are not anticipated to result in permanent adverse effects. There are two possible types of secondary or indirect effects – encroachment-alteration and induced growth (or growth influencing). Since the project is largely a redevelopment of parking lots, there is little potential for impact from encroachment-

alternation. Although the Proposed Action is within the Eagleville Brook watershed, the redevelopment of the existing parking lots and, in particular, the improvements to stormwater management, are anticipated to have a net benefit impact to water quality. Therefore, no adverse indirect effects associated with encroachment-alteration are anticipated as a result of the Proposed Action.

Foreseeable indirect impacts associated with induced growth are limited to potential increases in utility capacity, which will enable growth, especially in the northern portion of the Storrs Campus. However, the construction of a SUP was specifically identified in the Campus Master Plan as an important element for growth to provide utility capacity and redundancy consistent with long-term master planning goals. So, while the development of a SUP will be a growth influencing factor, it is specifically intended to do so and to do so in a way that is consistent with responsible planning for campus growth. Future construction that is enabled by the SUP will also be subject to environmental review and permitting, as appropriate, and should impacts associated with future projects be identified later in time, appropriate mitigation would be identified to reduce or offset adverse effects.

Cumulative impacts to utility demand and air quality are relevant to this project. While short-term utility demand will increase as a result of the Proposed Action, a combination and campus-supplied and, in some cases, imported, capacity exists to address the additional loads for electricity, water, sanitary sewer, gas, telecommunications, stormwater drainage, and steam. As mentioned above the impact created by Science 1 to chilled water and emergency power is offset within the Proposed Action itself by the construction of the first phase of the SUP. Subsequent phases of the SUP are intended to provide the additional capacity and

resiliency in campus-wide electricity, steam, and chilled water, providing a cumulative benefit to campus utilities.

The cumulative effects on air quality are also inherently linked to the expansion of large fuel-burning equipment that will foreseeably occupy the SUP. The University's commitment to maintaining emissions below the critical thresholds identified in the campus Title V permit effectively limits the potential for cumulative air quality impact by placing a cap on emissions that is specifically intended to avoid direct and cumulative air quality impacts. The University has developed a strategy for phase-out of aging equipment at the CUP and installation of new equipment at the SUP and CUP to both address campus utility demands and maintain campus-wide emissions below the Clean Air Act de minimis rule emissions caps for NOx and VOCs.

Anticipated impacts and proposed mitigation measures to avoid, minimize, or offset potential adverse impacts are summarized in Table ES-1.

Table ES-1. Summary of Impacts and Proposed Mitigation

Resource Category	Impacts	Proposed Mitigation
Consistency with Planning	<ul style="list-style-type: none"> Will be consistent with Connecticut’s State Conservation and Development Policies Plan Will be consistent with Local Zoning and Planning Will be consistent with Campus Master Planning 	<ul style="list-style-type: none"> None
Geology, Topography, and Soils	<ul style="list-style-type: none"> No unique features or farmland soils. The site is already developed and topography and soils have been previously modified. 	<ul style="list-style-type: none"> None
Water Resources	<ul style="list-style-type: none"> Will be consistent with Eagleville Brook TMDL and Watershed Plan No floodplain-related impacts are expected. Stormwater runoff from the site is anticipated to decrease due to implementation of stormwater controls. Water quality of runoff leaving the site is expected to improve relative to existing conditions. 	<ul style="list-style-type: none"> The stormwater management system for Science 1 will be consistent with the guidelines contained in the CTDEEP <i>Connecticut Stormwater Quality Manual</i> (as amended). LID measures such as disconnected impervious areas, bioretention, and pervious surfacing. Infiltration chambers are being considered under the main parking area to manage peak rates of runoff from the project site. Good housekeeping practices will ensure ongoing operation of stormwater features.
Wetlands	<ul style="list-style-type: none"> Anticipate approximately 2000 SF of inland wetland to be directly impacted by construction of Science 1 An additional approximately 500 SF of wetland area near the western North Eagleville Road/King Hill Road intersection will be impacted by the construction of the North Woodland Corridor pathway 	<ul style="list-style-type: none"> Mitigation will be identified through the permitting process.
Natural Communities, Flora, and Fauna	<ul style="list-style-type: none"> One federally threatened/endangered species (northern long-eared bat) potentially in the region NDDDB Review indicated no negative impacts to state-listed species. Vegetation clearing, including removal of invasives. 	<ul style="list-style-type: none"> Planting of trees and native plant species to establish the North Woodland Corridor through the site. Field review for potential northern long-eared bat maternal roost trees prior to tree removal.
Noise	<ul style="list-style-type: none"> Consistent with existing institutional and commercial setting 	<ul style="list-style-type: none"> None

Table ES-1. Summary of Impacts and Proposed Mitigation

Resource Category	Impacts	Proposed Mitigation
Air Quality	<ul style="list-style-type: none"> New stationary sources to be phased into the SUP beginning with emergency generators and chiller units 	<ul style="list-style-type: none"> Stationary sources to be included in UConn facility-wide Title V air quality permit Implement operational restrictions and emissions limitations for new emissions sources subject to permitting (e.g., turbines, boilers) along with collateral conditions for emission sources not subject to permitting (e.g., new CUP chiller units) to remain below campus-wide emission thresholds set forth in the Clean Air Act De Minimis Rule. The emergency generators will be operated less than 300 hours per year pursuant to CTDEEP’s “permit-by-rule” Installation of new equipment at the SUP will be coordinated with retirement of existing equipment at the CUP to cap emissions of NOx and VOCs to remain below Clean Air Act De Minimis Rule thresholds.
Solid Waste	<ul style="list-style-type: none"> Typical institutional waste stream 	<ul style="list-style-type: none"> None
Toxic and Hazardous Materials	<ul style="list-style-type: none"> Generation of toxic and/or hazardous materials consistent with other campus laboratory facilities and Central Utility Plant. 	<ul style="list-style-type: none"> Hazardous materials to be directed to the Main Accumulation Area and managed according to existing University protocols, including the UConn Chemical Waste Disposal Guidelines, Biological Waste Guide, and UConn Radiation Safety Manual. Transport of hazardous materials from existing laboratories to the new Science 1 will be performed by a permitted hazardous materials transporter.
Public Health and Safety	<ul style="list-style-type: none"> Expansion of existing activities, equipment, and processes associated with other campus laboratories and the Central Utility Plant. 	<ul style="list-style-type: none"> Incorporation of standard laboratory, classroom, office, and utility plant safety measures.
Visual and Aesthetic Character	<ul style="list-style-type: none"> Better integration of the site with surrounding landscapes and built environment. 	<ul style="list-style-type: none"> Implementation of visual/aesthetic elements of the Campus master Plan and District guidelines, including the North Woodland Corridor, incorporation of stormwater infrastructure into the visual landscape, and use of natural materials.

Table ES-1. Summary of Impacts and Proposed Mitigation

Resource Category	Impacts	Proposed Mitigation
Socioeconomics	<ul style="list-style-type: none"> No impacts to Environmental Justice Communities Generates new construction jobs and sustainable long-term employment Contributes to the Next Generation Connecticut capital investment program and associated economic benefits 	<ul style="list-style-type: none"> None
Traffic, Parking, and Circulation	<ul style="list-style-type: none"> No expected increase in site-generated traffic volumes Shift of parking from campus core to periphery for approximately 705 vehicles No disruption of existing intersections Minimal new vehicle trips Improved pedestrian and bicycle access within campus core No anticipated impacts to event parking 	<ul style="list-style-type: none"> None, although recommendations for possible changes to signal phases/timing are suggested in the Traffic Impact Study prepared for the project.
Utilities	<ul style="list-style-type: none"> Increases in utility demands will occur due to the construction of Science 1. Immediate need for increased chilled water and emergency power capacity for operation of Science 1 since that campus-wide capacity will be exceeded. Additional electrical loads can be augmented by imported power from Eversource, although the long term goal is to reduce or remove that dependence. 	<ul style="list-style-type: none"> The initial phase of the SUP will meet the immediate needs of Science 1 for chilled water and emergency power. Future phases of the SUP will increase capacity and resiliency of campus electrical supply and reduce or eliminate use of imported electricity. Design of the buildings promotes conservation to reduce electrical and water demand. Reclaimed water will be used in Science 1 for toilet flushing.
Energy Use and Conservation	<ul style="list-style-type: none"> Increased energy demands to serve new Science 1 building Increased efficiency of energy production due to operation of new SUP 	<ul style="list-style-type: none"> Compliance with Connecticut High Performance Building requirements for both Science 1 and SUP Achievement of LEED Gold and Sustainable CITES certifications for Science 1 building Achievement of LEED Silver for SUP Emphasis on energy conservation measures in lab spaces, where the majority of energy is used Design to feature high-performance building envelope

Table ES-1. Summary of Impacts and Proposed Mitigation

Resource Category	Impacts	Proposed Mitigation
Construction Period		
Traffic, Parking, and Circulation	<ul style="list-style-type: none"> Minor, temporary disruptions to traffic in the immediate area of construction 	<ul style="list-style-type: none"> Use of construction-phase traffic management measures to maintain efficient traffic operations during the construction period including construction phasing to minimize disruptions to traffic, signage, and detours.
Air Quality	<ul style="list-style-type: none"> Construction activities may result in short-term impacts to ambient air quality due to direct emissions from construction equipment and fugitive dust emissions 	<ul style="list-style-type: none"> Contractors will be required to comply with air pollution control requirements in UConn <i>Environmental, Health, and Safety Policies, Regulations, and Rules for Construction, Service, and Maintenance Contractors</i>, including reference to such requirements in contract documents. Ensure proper operation and maintenance of construction equipment. Limit idling of construction vehicles and equipment to three minutes. Implement traffic management measures during construction. Implement appropriate controls to prevent the generation and mobilization of dust.
Noise	<ul style="list-style-type: none"> Heavy construction equipment associated with site development may result in temporary increases in noise levels in the immediate area of construction 	<ul style="list-style-type: none"> Contractors will be required to comply with noise control requirements in UConn <i>Environmental, Health, and Safety Policies, Regulations, and Rules for Construction, Service, and Maintenance Contractors</i>, including reference to such requirements in contract documents. Ensure proper operation and maintenance of construction equipment. Construction contractors should make every reasonable effort to limit construction noise impacts.
Water Resources	<ul style="list-style-type: none"> Exposure of soil increases potential for erosion and sedimentation 	<ul style="list-style-type: none"> Use of appropriate erosion and sediment controls during construction, consistent with the <i>2002 Connecticut Guidelines for Soil Erosion and Sediment Control (as amended)</i> and the <i>August 21, 2013 General Permit for Stormwater and Dewatering Wastewaters from Construction Activities</i>.

Table ES-1. Summary of Impacts and Proposed Mitigation

Resource Category	Impacts	Proposed Mitigation
Toxic and Hazardous Materials	<ul style="list-style-type: none"> Temporary on-site storage and use of fuels and other materials associated with construction vehicles and equipment 	<ul style="list-style-type: none"> Contractors will be required to comply with requirements for construction-related hazardous materials and solid waste in UConn <i>Environmental, Health, and Safety Policies, Regulations, and Rules for Construction, Service, and Maintenance Contractors</i>, including reference to such requirements in contract documents. Hazardous or regulated materials or subsurface contamination encountered during construction will be characterized and disposed of in accordance with applicable state and federal regulations.
Solid Waste	<ul style="list-style-type: none"> Generation of solid waste including construction and demolition debris 	<ul style="list-style-type: none"> Contractors will be required to comply with requirements for construction-related hazardous materials and solid waste in UConn <i>Environmental, Health, and Safety Policies, Regulations, and Rules for Construction, Service, and Maintenance Contractors</i>, including reference to such requirements in contract documents. Construction-related solid waste will be handled and disposed of in a manner that meets current regulations and University standards. Construction and demolition debris will be managed in accordance with applicable state and federal regulations and the University's contractor policies.

Attachment B – Early Public Scoping Notice



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November 21, 2017

Scoping Notices

1. Wastewater Facilities Plan, Fairfield
2. Naugatuck Industrial Park Expansion Project, Naugatuck / Waterbury
3. **NEW!** UConn Main Campus Parking Replacement Project, Mansfield
4. **NEW!** UConn NW Science Quad Improvements, Mansfield

Post-Scoping Notices: Environmental Impact Evaluation (EIE) Not Required

1. Westbrook Village, Hartford

Environmental Impact Evaluations

No Environmental Impact Evaluation has been submitted for review and comment.

State Land Transfers

No proposed Land Transfer has been submitted for publication in this edition.

The next edition of the Environmental Monitor will be published on **December 5, 2017**.

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Notices in the Environmental Monitor are written by the sponsoring agencies and are published unedited. Questions about the content of any notice should be directed to the sponsoring agency.

Scoping Notices

"Scoping" is for projects in the earliest stages of planning. At the scoping stage, detailed information on a project's design, alternatives, and environmental impacts does not yet exist. Sponsoring agencies are asking for comments from other agencies and from the public as to the scope of alternatives and environmental impacts that should be considered for further study. Send your comments to the contact person listed for the project by the date indicated.

The Following Scoping Notice has been submitted for review and comment.

1. Notice of Scoping for Wastewater Facilities Plan for the Town of Fairfield

Project Title: Wastewater Facility Plan

Municipality where proposed project might be located: Fairfield

Project Location: One Rod Highway, Fairfield

Project Description: The Wastewater Facility Plan proposes improvements to the town's wastewater treatment infrastructure. The Water Pollution Control Facility (WPCF) has a design annual average flow rate of 9 million gallons per day (MGD) and a peak flow rate of 24 MGD and currently processes an annual average flow rate of 8.64 MGD with peaks over 33 MGD. The WPCF was originally constructed in 1950 and was expanded in 1968 and 1972 to meet the needs of a growing town and expansion of the sewer collection system. Additions were made in 1980 to improve bio-solids dewatering and a composting facility for beneficial reuse of plant sludge was added in 1988. In 1996 and 2002, modifications to the plant's aeration system were completed to allow the plant to achieve nitrogen removal per the permit. In the past 5 years, flows have been increasing and the WPCF has been receiving flows greater than 90% of the design flow rate for the previous 180 days consistently since April 2017 and intermittently prior to that.

The study evaluated alternatives for providing improvements to the existing WPCF to meet the long-term needs of the town. The evaluation considered current regulatory requirements, the age and condition of the existing equipment, the capacity of existing unit processes to meet projected flows and loads, and process reliability. Major components recommended in the plan include the following:

- Improvements to preliminary and primary treatment facilities including the replacement of the mechanical bar screens, installation of screenings grinder/washer/ compactors, construction of new aerated grit tanks and a grit washer, a new raw

- sewage pump station, process and structural improvements to the primary structures to improve flow splitting to the primary settling tanks and to the Zone A aeration tanks.
- Improvements to the secondary treatment processes, including modifications to the aeration system by converting the Zone A tanks to three train operation, structural modification to facilitate the passing and removal of scum, installation of three new aeration blowers, optimization of aeration controls and methanol feed, replacement of mechanisms and drives in the final settling tanks, and improvements to process reliability and improved energy efficiency.
 - Improvements to effluent disinfection and pumping including installation of new UV disinfection in a second redundant channel, new outfall pumps to handle peak hour flows and a new plant water system.
 - Improvements to the solids handling system to account for increased flows and loadings including the installation of two screw presses, a mixing system in the secondary digester, new pumps, piping, boilers, and heat exchanger in the primary digester, a new cover on the secondary digester and two new sludge storage tanks for use during periods of high loadings to maintain the required SRT in the digesters.
 - Improvements to the compost facility to improve operator health and safety concerns including installation of negative aeration to reduce emissions within the building and new process and electrical equipment.
 - Improvements to existing Building Systems including modifications to the existing Control Building to address HVAC control issues, upgrades to specific HVAC equipment to replace items that are approaching their service life or are currently inoperable, and addressing code-related ventilation, egress and electrical classification issues in specific spaces such as the Primary Settling Tanks, Dewatering Building, Return Sludge Pump Room and Control Building.
 - Improvements to the Control Building including expansion to the men's locker room, lavatory and break room.
 - Upgrading the instrumentation and controls and SCADA system.
 - Replacing the older electrical distribution equipment that was constructed prior to the 2000 upgrade and modifying the remaining electrical distribution system as required based on process modifications to the facility.
 - Install new odor control systems for all process areas and refurbish Biofilter B to be maintained for the compost building exhaust.

Draft Facilities Plan: [View the draft Town of Fairfield Wastewater Facilities Plan.](#)

Project Map: [Location map of the Town of Fairfield WPCF.](#)

Written comments from the public are welcomed and will be accepted until the close of business on **December 7, 2017**.

There will be a Public Scoping Meeting for this project:

DATE: **November 15, 2017**

TIME: 7:30pm

PLACE: Sullivan Independence Hall, 1st Floor Conference Room, 725 Old Post Road, Fairfield

NOTES: The Connecticut Department of Energy and Environmental Protection is an Affirmative Action/ Equal Opportunity Employer that is committed to complying with the requirements of the Americans with Disabilities Act. Please contact us at (860) 418-5910 or deep.accomodations@ct.gov if you: have a disability and need a communication aid or service; have limited proficiency in English and may need information in another language; or if you wish to file an ADA or Title VI discrimination complaint. Any person needing a hearing accommodation may call the State of Connecticut relay number -711. Requests for accommodations must be made at least two weeks prior to any hearing, program, or event.

Written comments and/or requests for a Public Scoping Meeting should be sent to

Name: Ann A. Straut
 Agency: DEEP Bureau of Water Protection and Land Reuse, Water Planning and Management Division
 Address: 79 Elm Street, Hartford CT 06106-5127
 Phone: (860) 424-3137
 Fax: (860) 424-4067
 E-Mail: ann.straut@ct.gov

If you have questions about the public meeting, or other questions about the scoping for this project, contact:

Name: Ann A. Straut
 Agency: DEEP Bureau of Water Protection and Land Reuse, Water Planning and Management Division
 Address: 79 Elm Street, Hartford CT 06106-5127
 Phone: (860) 424-3137
 Fax: (860) 424-4067
 E-Mail: ann.straut@ct.gov

If you have questions about the public meeting, or other questions about the scoping for this project, please contact Ms. Straut as directed above.

2. Notice of Scoping for Greater Waterbury-Naugatuck Valley Regional Industrial Park Expansion Project

Municipalities where proposed project might be located: Naugatuck/Waterbury

Address of Possible Project Location: 0 Great Hill Road, Naugatuck, CT

Project Description: The Waterbury Development Corporation, on behalf of the City of Waterbury, is requesting up to \$2.8M in

Urban Act funding for the construction & extension of roadway & utilities from the existing Naugatuck Industrial Park into Waterbury. The Naugatuck Industrial Park is located in Naugatuck near the southern border of Waterbury, along Routes 8 & 68, across the street from the Naugatuck River and the Metro-North Waterbury Line, and is home to 49 companies.

The City of Waterbury owns 163 acres of land adjacent to the Industrial Park with 57 of those acres actually lying within Naugatuck. Approximately 60 acres of this property is relatively flat and suitable for development, but it is located at the highest elevation of the property that is not easily accessible from Waterbury. Currently the only access to this land from Waterbury lies along South Main Street but this option has proven to be cost prohibitive due to the property's steep grades. A concept of a regional economic development project involving the current Naugatuck Industrial Park and the adjacent City of Waterbury owned land has been agreed by both the City of Waterbury and Borough of Naugatuck. In order to provide access from Naugatuck, both the Waterbury Development Corporation and Borough of Naugatuck purchased an undeveloped 10 acre lot within the Industrial Park in order to provide the land needed for an access roadway with utilities to be extended from Naugatuck.

With the goal of unlocking the economic potential of Waterbury's land, alternate approaches have been studied but it has become clear that if access to the Waterbury owned 163 acres of land could be achieved via the Naugatuck Industrial Park, rather than the South Main street Waterbury approach, this property would become economically attractive for development. Please refer to the proposed [Conceptual Layouts](#).

Project Map: [Click here to view a map of the project area](#).

Written comments from the public are welcomed and will be accepted until the close of business on: **December 7th**.

Any person can ask the sponsoring agency to hold a Public Scoping Meeting by sending such a request to the address below. If a meeting is requested by 25 or more individuals, or by an association that represents 25 or more members, the sponsoring agency shall schedule a Public Scoping Meeting. Such requests must be made by **November 17th**.

Written comments and/or requests for a Public Scoping Meeting should be sent to:

Name: Nelson Tereso
 Agency: CT Dept. of Economic and Community Development
 Address: 450 Columbus Boulevard, Hartford CT 06103
 Phone: (860) 500-2322
 E-Mail: nelson.g.tereso@ct.gov

If you have questions about the public meeting, or other questions about the scoping for this project, contact:

Name: Nelson Tereso
 Agency: CT Dept. of Economic and Community Development
 Address: 450 Columbus Boulevard, Hartford CT 06103
 Phone: (860) 500-2322
 E-Mail: nelson.g.tereso@ct.gov

3. Notice of Scoping for University of Connecticut Main Campus Parking Replacement Project

Municipality where proposed project might be located: Mansfield

Address of Possible Project Location: W Lot between State Route 195 and Tower Loop Road, and undeveloped land known as Parcel D along Discovery Drive on the University of Connecticut Storrs Campus

Project Description:

The University of Connecticut (UConn) is proposing construction of up to 1000 parking spaces through the construction of up to two elevated parking decks above a portion of W Lot and a new surface lot in Parcel D, connected to each other by a restricted access drive for buses, service, and emergencies. This project is consistent with parking priorities identified in the UConn Master Plan, including replacing spaces that are lost to new construction, prioritize decks (2-3 levels) with small footprints instead of large garages, limiting parking in the campus core and supporting a robust shuttle system. The construction of this parking within the North Campus replaces other parking to be lost within the North Campus as a result of new construction.

Project Maps: Click here to view a map of the [project area](#). Click here to view a [conceptual map](#) of the proposed project.

Written comments from the public are welcomed and will be accepted until the close of business on: **Friday, December 22, 2017**

A Public Scoping Meeting will be held for this project at:

DATE: **Thursday, December 7, 2017**
 TIME: 7:00 pm. (Doors will be open at 6:30 pm.)
 PLACE: Konover Auditorium at the Dodd Center, 405 Babbidge Road, Unit 1205
 Storrs, CT 06269-1205. The closest public parking is in the South Garage, 2366 Jim Calhoun Way, Storrs, CT 06269.
 Adjacent to the UConn Bookstore.

NOTES:

To watch live go to

[http://www.kaltura.com/index.php/extwidget/preview/partner_id/2090521/uiconf_id/37902451/entry_id/1_uvccae0m/embed/auto?&flashvars\[streamerType\]=auto](http://www.kaltura.com/index.php/extwidget/preview/partner_id/2090521/uiconf_id/37902451/entry_id/1_uvccae0m/embed/auto?&flashvars[streamerType]=auto) for live-stream. Or go to <http://ait.uconn.edu/live-streaming/>; find the date and time for the event on the calendar; and choose the link based on the description on the calendar information.

Written comments should be sent to:

Name: Paul Ferri, Environmental Compliance Professional
 Agency: University of Connecticut, Office of Environmental Policy
 Address: 31 LeDoyt Road, Unit 3055, Storrs, CT 06269-3055
 Fax: (860) 486-5477
 E-Mail: paul.ferri@uconn.edu

If you have questions about the public meeting, or other questions about the scoping for this project, contact:

Name: Paul Ferri, Environmental Compliance Professional

Agency: University of Connecticut, Office of Environmental Policy

4. Notice of Scoping for University of Connecticut Northwest Science Quad Improvements

Municipality where proposed project might be located: Mansfield

Address of Possible Project Location: X Lot, Lot L, and Lot 9 and surrounding area south of King Hill Road on the University of Connecticut Storrs Campus, Mansfield, Connecticut

Project Description:

The University of Connecticut (UConn) is proposing to begin construction of the Northwest Science Quad on an approximately 22-acre site located at the northwest edge of campus which includes the existing Lot 9, X-Lot, and L-Lot. The Northwest Science Quad is identified as part of the North Eagleville Science District in the University's Campus Master Plan and is part of the capital project initiatives in support of Next Generation Connecticut to significantly expand educational opportunities, research, and innovation in the science, technology, engineering, and math (STEM) disciplines at UConn. The proposed project consists of the following:

- Science 1 building (~250,000 sf STEM Research Center)
- Supplemental Utility Plant (SUP) including substation
- Surface parking
- Improvements to King Hill Road
- Possible realignment to Hillside Road and Alumni Drive
- Northern Woodland Corridor walkway
- Stormwater and utilities to serve the Northwest Science Quad
- Utility tunnel from the current Central Utility Plan (CUP) to the proposed SUP.

Science 1 building project will incorporate best practices of sustainability with a minimum goal of LEED Gold certified, with an aspirational goal of certified for the U.S. Green Building Council Sustainable SITES program.

Project Maps: Click [here](#) to view a map of the project area. Click here to view a [conceptual map](#) of the Northwest Science Quad improvements.

Written comments from the public are welcomed and will be accepted until the close of business on: **Friday, December 22, 2017**

There will be a Public Scoping Meeting for this project at:

DATE: **Thursday, December 7, 2017**

TIME: 7:00 pm. (Doors will be open at 6:30 pm.)

PLACE: Konover Auditorium at the Dodd Center, 405 Babbidge Road, Unit 1205 Storrs, CT 06269-1205. The closest public parking is in the South Garage, 2366 Jim Calhoun Way, Storrs, CT 06269. Adjacent to the UConn Bookstore.

NOTES:

To watch live go to

[http://www.kaltura.com/index.php/extwidget/preview/partner_id/2090521/uiconf_id/37902451/entry_id/1_uvccae0m/embed/auto?&flashvars\[streamerType\]=auto](http://www.kaltura.com/index.php/extwidget/preview/partner_id/2090521/uiconf_id/37902451/entry_id/1_uvccae0m/embed/auto?&flashvars[streamerType]=auto) for live-stream. Or go to <http://ait.uconn.edu/live-streaming/>; find the date and time for the event on the calendar; and choose the link based on the description on the calendar information.

Written comments should be sent to:

Name: Paul Ferri, Environmental Compliance Professional
 Agency: University of Connecticut, Office of Environmental Policy
 Address: 31 LeDoyt Road, Unit 3055, Storrs, CT 06269-3055
 Fax: (860) 486-5477
 E-Mail: paul.ferri@uconn.edu

If you have questions about the public meeting, or other questions about the scoping for this project, contact:

Name: Paul Ferri, Environmental Compliance Professional
 Agency: University of Connecticut, Office of Environmental Policy

Post-Scoping Notices: Environmental Impact Evaluation Not Required

This category is required by the October 2010 revision of the [Generic Environmental Classification Document](#) for State Agencies. A notice is published here if the sponsoring agency, after publication of a scoping notice and consideration of comments received, has determined that an Environmental Impact Evaluation (EIE) does not need to be prepared for the proposed project.

The following Post-Scoping Notice has been submitted for publication in this edition.

1. Post-Scoping Notice for Westbrook Village

Municipality where project will be located: Hartford

CEPA Determination: On November 8, 2016 the Department of Housing published a [Notice of Scoping](#) to solicit public comments for this project in the *Environmental Monitor*. During the scoping period, the DOH received comments from the [Department of Public Health](#) and the [Department of Energy and Environmental Protection](#). The DOH has taken those comments into consideration and has concluded that the project does not require the preparation of Environmental Impact Evaluation under CEPA.

The agency's conclusion is documented in a [Memo of Findings and Determination](#) and [Environmental Assessment Checklist](#). If you have questions about the project, you can contact the agency at:

Name: Jacqueline Simpson
Agency: Department of Housing
Address: 505 Hudson Street
Hartford, CT 06106
Phone: 860-270-8038

E-Mail: jacqueline.simpson@ct.gov

What happens next: The DOH expects the project to go forward. This is expected to be the final notice of the project to be published in the *Environmental Monitor*.

EIE Notices

After Scoping, an agency that wishes to undertake an action that could significantly affect the environment must produce, for public review and comment, a detailed written evaluation of the expected environmental impacts. This is called an Environmental Impact Evaluation (EIE).

No EIE Notice has been submitted for publication in this edition.

State Land Transfer Notices

Connecticut General Statutes [Section 4b-47](#) requires public notice of most proposed sales and transfers of state-owned lands. The public has an opportunity to comment on any such proposed transfer. Each notice includes an address where comments should be sent. [Read more about the process.](#)

No Land Transfer Notice has been submitted for publication in this edition.

The Adobe Reader is necessary to view and print Adobe Acrobat documents, including some of the maps and illustrations that are linked to this publication. If you have an outdated version of Adobe Reader, it might cause pictures to display incompletely. To download up-to-date versions of the free software, click on the Get Acrobat button, below. This link will also provide information and instructions for downloading and installing the reader.



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ATTENDANCE SHEET

Northwest Science Quad and
Main Campus Parking Replacement
Mansfield, Connecticut
Connecticut Environmental Policy Act (CEPA) Project Scoping
University of Connecticut

December 7, 2017 Public Scoping Meeting

NAME	ADDRESS	TELEPHONE/ EMAIL
Eric Thomas	CT DEEP 79 Elm St Hartford, CT 06106	eric.thomas@ct.gov
Sean Vasington	UConn UPOC 31 Ledyard Rd U-3038 Storrs CT 06269	sean.vasington@uconn.edu
Michael Schrier	UConn UPOC 31 Ledyard Rd U-3038 Storrs CT 06269	michael.schrier@uconn.edu
Linda Painter	Town of Mansfield	painterlm@mansfieldct.org

Response to Scoping Comments

CT Department of Energy and Environmental Protection provided written scoping comments from Linda Brunza, Environmental Analyst, dated December 22, 2017.			
Comment Number	Comment	Response	EIE Section
1	Consider ways to document baseline and proposed development impacts to the Eagleville Brook segment immediately downstream from the long established Eagleville Brook gaging station.	Existing ambient water quality data were reviewed for the EIE and a summary of baseline conditions is discussed in Section 3.4 (Water Resources and Floodplains).	3.4
2	Monitor development proposals (cumulative impacts) in Eagleville Brook such as pending multi-family residential development proposals.	As noted, the Proposed Action is anticipated to have a positive impact on water quality in Eagleville Brook given the proposed improvements to the stormwater management system compared to existing parking lot conditions (see Section 3.4 – Water Resources and Floodplains and Section 3.15 – Utilities). While UConn will remain aware of development proposals adjacent to the campus, the potential cumulative impacts associated with actions undertaken by others are subject to review and approval by other state and local agencies.	3.4 and 3.15
3	Consider that actions by UConn and the Town of Mansfield to address the Eagleville Brook TMDL target goal of reducing impervious surface area by 31+ acres will likely be set back by potential increases in impervious surface from this proposed development.	If the compacted but unpaved existing parking areas are considered impervious surface, the Proposed Action will not result in a decrease in impervious area. However, an improvement in water quality (the goal of the TMDL) is anticipated since the stormwater management system will be significantly improved over existing conditions.	3.4 and 3.15; Appendix G
4	Engage the Eagleville Brook Watershed Advisory Team in project reviews and updates.	UConn remains in contact with the Eagleville Brook Watershed Advisory Team on an ongoing basis. Dr. Michael Dietz of the Advisory Team was contacted for data contained in Section 3.4 (Water Resources and Floodplains).	3.4
5	Discuss consistency with Eagleville Brook Watershed Management Plan.	Fuss & O'Neill reviewed the Eagleville Brook Watershed Management Plan. The Proposed Action is consistent with the goals outlined in the Eagleville Brook Watershed Management Plan for the existing Lot 9 site, which was identified as a high-priority retrofit site where LID practices should be implemented to manage stormwater runoff into Eagleville Brook. The Proposed Action will redevelop the Lot 9 site, effectively reducing impervious cover by disconnecting impervious cover from Eagleville Brook and implementing LID stormwater management features throughout the project site.	3.4 and 3.15; Appendix G
6	The project will need to obtain flood management certification from DEEP's Land and Water Resources Division.	Flood Management Certification will be sought for the proposed project since it is a State action affecting man-made storm drainage facilities. It is included in the list of potential permits in Section 6.	6

CT Department of Energy and Environmental Protection provided written scoping comments from Linda Brunza, Environmental Analyst, dated December 22, 2017.			
Comment Number	Comment	Response	EIE Section
7	NDDB request should be performed.	An NDDB review was requested by Fuss & O'Neill on January 9, 2018, and a determination letter was received from Dawn M. McKay, Environmental Analyst 3, dated January 17, 2018. The determination indicates that CTDEEP does not anticipate negative impacts to State-listed species as a result of the proposed activity based on the information included in the review request. A new NDDB Request for Review will be required if the scope of work changes or work has not begun by January 17, 2020. The NBBB request is	3.6; Appendix D
8	Conduct site reconnaissance by a certified soil scientist to determine whether there will be impacts to regulated wetlands or watercourses and pursue all related permitting as necessary (including 401/404 and DEEP permits).	Delineation of the wetland area on the western portion of the site was conducted in 2015 by GZA and follow up reconnaissance was performed in 2018 by F&O. The isolated wetland area on the southeastern edge of the site was delineated several years ago. A new delineation will be performed in 2018 to confirm wetland boundaries. Anticipated impacts will be subject to permitting as listed in Section 6 (Potential Certificates, Permits and Approvals).	3.5 and 6; Appendix C
9	Determine whether the project falls under the Locally Approvable or Locally Exempt category as defined in the General Permit for Stormwater and Dewatering Wastewaters from Construction Activities, and follow relevant procedures accordingly.	As a state project, the Proposed Action is considered Locally Exempt. As noted in the CTDEEP scoping comments, Locally Exempt projects with greater than 1 acre of disturbance must submit a registration form and Stormwater Pollution Control Plan (SWPCP) to CTDEEP under the requirements of the permit. Per the permit requirements, this submittal will be made at least 60 days prior to planned commencement of work. The SWPCP will include both erosion and sediment controls and plans for post-construction stormwater management.	6
10	3% of parking spaces should provide Level 2 electric vehicle charging stations for EV Readiness.	The Schematic Design currently includes an anticipated 2 EV charging stations, approximately 2% of the anticipated 180 spaces at Science 1.	n/a
11	Ensure that all on and off-road construction vehicles meet the latest EPA or CARB standards or have been retrofitted with appropriate emission controls.	All construction contracts will include language similar to the requirements for contractors in Article 39 of the Connecticut Department of Administrative Services Division of Construction Services (DCS) General Conditions of the Contract for Construction for Design-Bid-Build. These conditions include requirements that vehicles be retrofitted with emission control devices and comply with all state and federal emissions regulations.	4.4

CT Department of Energy and Environmental Protection provided written scoping comments from Linda Brunza, Environmental Analyst, dated December 22, 2017.			
Comment Number	Comment	Response	EIE Section
12	Limit idling of vehicles on site to three minutes. Post signs on site notifying all operators of this limit and include language to this effect in all construction contracts.	All construction contracts will include language similar to the requirements for contractors in Article 39 of the Connecticut Department of Administrative Services Division of Construction Services (DCS) General Conditions of the Contract for Construction for Design-Bid-Build. These conditions include a 3 minute idling limit in accordance with Section 22a-74-18(b)(3)(C).	3.8
13	Follow Connecticut Guidelines for Soil Erosion and Sediment Control.	An erosion and sedimentation control plan will be implemented for the construction phase of the project and will be incorporated into the SWPCP as required under the General Permit for Stormwater and Dewatering Wastewaters from Construction Activities which is one of the permits listed in Section 6 (Potential Certificates, Permits, and Approvals). All work will be consistent with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control as noted in Section 3.4 .	3.4

The State of Connecticut Department of Public Health (CTDPH), Drinking Water Section provided written scoping comments from Eric McPhee, Supervising Environmental Analyst, dated December 22, 2017.			
Comment Number	Comment	Response	EIE Section
1	CTDPH noted that the project is not located in a public drinking water supply source area, and therefore no source water protection comments were necessary.	None required.	3.1
2	Focus on energy and water efficiency in Science, Technology, Engineering, and Math (STEM) buildings, which are typically resource intensive.	Science 1 incorporates energy and water efficiency and is anticipated to achieve LEED Gold certification.	3.16
3	Prioritize upgrades of inefficient energy and water users.	Science 1 incorporates energy and water efficiency and is anticipated to achieve LEED Gold certification. Water conservation continues to be an ongoing priority for the University.	3.15 and 3.16
4	Utilize reclaimed water for cooling tower water makeup, particularly in new or renovated science buildings.	Currently, reclaimed water is planned to be used for toilet flushing in Science 1 and cooling tower makeup water in the SUP.	3.15 and 3.16
5	Design and construct the Northwest Science Quad to include the Sustainable Opportunities outlined in UConn's 2015 Campus Master Plan that promote the sustainable use of public drinking water.	Numerous strategies recommended in the Sustainability Framework Plan are incorporated into the Proposed Action, including sustainable use of public drinking water.	3.15 and 3.16

The State of Connecticut Department of Public Health, Environmental Health Section provided written scoping comments from Suzanne Blaneafior, Chief of the Environmental Health Section, dated November 22, 2017.			
Comment Number	Comment	Response	EIE Section
1	Radon resistant features should include the following: below slab installation of gas permeable layer (e.g., 4" gravel), with plastic sheeting over gas permeable layer; sealing and caulking all openings in foundation floor; installation of vent pipe from gas permeable layer to roof (e.g., 6" PVC); installation of electrical junction box for potential later tie in to vent fan.	The schematic design does not currently include specific radon resistant features, which are not required of non-residential buildings under the Connecticut State Building Code.	n/a
2	The new building should be tested for radon after construction is complete, and the aforementioned system activated if radon results are at or above 4.0 picocuries per liter.	The Science 1 building will be subject to normal UConn Environmental Health and Safety inspections.	3.11

The Town of Mansfield Planning and Zoning Commission provided written scoping comments from JoAnn Goodwin, Chair of the Commission, dated December 21, 2017. The Mansfield Town Council later voted on January 8, 2018 to endorse the comments.			
Comment Number	Comment	Response	EIE Section
1	The Commission recommends that a full Environmental Impact Evaluation (EIE) be conducted for the proposed project.	An EIE has been prepared.	n/a
2	The Commission supports pursuit of LEED Gold and Sustainable SITES certifications.	Science 1 is anticipated to achieve LEED Gold and sustainable SITES certification. The SUP is anticipated to achieve LEED Silver certification	3.16
3	Strategies recommended in the Sustainability Framework Plan adopted as part of the larger Campus Master Plan should be implemented in the project.	Numerous strategies recommended in the Sustainability Framework Plan are incorporated into the Proposed Action.	3.16
4	Conduct a full evaluation of impacts to off-campus traffic and identify any needed mitigation measures.	A traffic impact study was conducted for existing conditions and the project build year (2022) and concluded that the proposed project is not anticipated to produce significant adverse impacts to surrounding state and local road networks compared to the No Action condition.	3.14; Appendix E
5	Consider future traffic patterns related to proposed hockey rink.	Event parking will continue to be directed to the existing parking garages; no impacts to future traffic patterns are expected as a result of this project. Recently completed and on-going traffic impact analyses account for project-specific and anticipated background growth; should the hockey rink project move forward, traffic will also be assessed as part of environmental reviews and approvals conducted for that project.	3.14

The Town of Mansfield Planning and Zoning Commission provided written scoping comments from JoAnn Goodwin, Chair of the Commission, dated December 21, 2017. The Mansfield Town Council later voted on January 8, 2018 to endorse the comments.			
Comment Number	Comment	Response	EIE Section
6	Evaluate traffic impacts holistically, considering more than just the north side of campus.	A traffic impact study was conducted for existing conditions and the project build year (2022) and concluded that the proposed project is not projected to produce significant adverse impacts to surrounding state and local road networks.	3.14; Appendix E
7	Address anticipated traffic patterns on multi-event days.	Visitors for events are encouraged to park in the existing parking garages. Existing garages have sufficient capacity for event parking, and traffic patterns on multi-event days are not expected to be negatively impacted by the proposed project.	3.14
8	Include the following locations in the traffic study: the intersection of Hunting Lodge Road and North Eagleville Road, the intersection of Separatist Road and Jim Calhoun Way, and the intersection of Hunting Lodge Road and Route 44.	Each of the requested locations was included in the traffic impact analysis.	3.14; Appendix E
9	Provide the Town with an opportunity to review and comment on proposed transportation/shuttle plans for connecting the UConn community to new remote lots.	New remote parking will be located along existing bus routes (Purple Line, Blue Line) and accessible via the evening and weekend shuttle services. UConn has coordinated with the Town through the OSTA review process and will do so for future projects.	n/a
10	Provide detailed information regarding short-term replacement of W-Lot parking during garage construction.	Redevelopment of W-Lot is no longer proposed. W-Lot parking will continue to be available during the construction of the Northwest Science Quad and replacement parking at Parcel D.	n/a
11	Conduct parking study to address loss of parking from lots in proposed Northwest Science Quad, particularly impacts on attendance of events at Jorgensen Center for the Performing Arts, especially elderly and disabled access.	Existing parking garages have sufficient capacity for event parking, and event visitors will continue to be directed to the garages. No negative impacts to event parking are expected as a result of the proposed project.	3.14; Appendix E
12	Provide detailed information regarding the frequency of transit service and proposed routes.	The Northwest Science Quad will be located along the existing 2018 Blue Line, Red Line, Silver Line, and Purple Line routes and will also be accessible via the late night and weekend shuttle services.	3.14
13	Provide detailed information for plans to address parking demand during multiple on-campus events.	Existing parking garages have sufficient capacity for event parking, and event visitors will continue to be directed to the garages. No negative impacts to event parking are expected as a result of the proposed project.	3.14
14	The Commission supports use of Low-Impact Development and Green Infrastructure practices for improving stormwater quality and reducing impacts to the Eagleville Brook watershed.	A description of the LID and GI features used in the stormwater management design for the Proposed Action is included in Sections 3.4 (Water Resources and Floodplains) and Section 3.15 (Utilities).	3.4 and 3.15; Appendix G
15	Improve the pedestrian system and crossings along western portion of Eagleville Road.	The Proposed Action includes the construction of a pedestrian crossing from the Northwest Science Quad to Lot F west of the intersection of King Hill Road and North Eagleville Road.	

The Town of Mansfield Planning and Zoning Commission provided written scoping comments from JoAnn Goodwin, Chair of the Commission, dated December 21, 2017. The Mansfield Town Council later voted on January 8, 2018 to endorse the comments.			
Comment Number	Comment	Response	EIE Section
16	Provide safe pedestrian access to King Hill Road and the Northwest Science Quad.	The Woodland Corridor provides pedestrian access through the Northwest Science Quad.	3.14



To: Paul Ferri, Environmental Compliance Professional
UCONN, Office of Environmental Policy, 31 Le Doyt Road, Storrs CT

From: Linda Brunza- Environmental Analyst

Telephone: 860-424-3739

Date: 12/22/2017

Email: Linda.Brunza@ct.gov

Subject: Scoping Notice for UConn Northwest Science Quad Improvements

The Department of Energy and Environmental Protection (DEEP) has received the Notice of Scoping for the project proposed by University of Connecticut (UConn) for the construction of the Northwest Science Quad on 22 acres located on the existing Lot 9, X-Lot, and L-Lot. The project will consist of a STEM Research Center, parking, road improvements, walkway, and utilities. No detailed plans were provided in the scoping notice. The following comments are submitted for your consideration based on the information available.

Watershed Evaluation

The proposed location for the Northwest Science Quad Development project is in the contributing drainage area that influences Eagleville Brook immediately downstream from the long established Eagleville Brook gaging station. UConn should consider ways to document baseline and proposed development impacts to this segment, which has been assessed as chronically water-quality impaired for the designated “Aquatic Life Use” as well as for “Recreation Use.” In addition, UConn should closely follow pending multi-family residential development proposals to the Town of Mansfield along the adjacent King Road and North Eagleville Road area. The past and current actions by both UConn and the Town of Mansfield to effectively address the Eagleville Brook TMDL target goal reduction of impervious surface area by an aggregate of 31+ acres will likely be significantly set back by potential increases in impervious surface area additions with this proposed development. DEEP suggests that the Eagleville Brook Watershed Advisory Team be included in project reviews and updates as they reflect on potential impacts to implementation of the [Eagleville Brook Watershed Management Plan](#).

Flood Management

Any state agency proposing an activity or critical activity within or affecting a floodplain will need to obtain flood management certification from DEEP’s Land and Water Resources Division. The need to obtain certification is in accordance to Connecticut General Statutes (CGS) 25-68b, definition of “Activity.” Activity is defined as any proposed state action in a floodplain or any proposed state action that impacts natural or man-made storm drainage facilities that are located on property that the commissioner determines to be controlled by the state. For further information

contact the Land and Water Resources Division at 860-424-3019, or refer to DEEP's website at [Flood Management Certification Fact Sheet](#).

Threatened and Endangered Species

The Natural Diversity Database (NDDDB) maps represent the approximate locations of species listed by the State, pursuant to section 26-306 of the CGS, as endangered, threatened or special concern. The maps are a pre-screening tool to identify potential impacts to state listed species. The location of this projects falls within one of these areas. The applicant will be required to submit a *Request for Natural Diversity Data Base (NDDDB) State Listed Species Review Form* (DEEP-APP-007) and all required attachments, including maps, to the NDDDB for further review. Additional information concerning NDDDB reviews and the request form may be found on-line at: [NDDDB Requests](#).

7

Inland Wetlands and Watercourses

A reconnaissance of the site by a certified soil scientist is necessary to determine the if there are areas that would be regulated as wetlands or watercourses as defined by section 22a-38 (15) and (16) of the Connecticut General Statutes respectively.

Any activity within federally regulated wetland areas or watercourses at the site may require a permit from the U.S. Army Corps of Engineers pursuant to section 404 of the Clean Water Act. Further information is available on-line at [Army Corps of Engineers, New England District](#) or by calling the Corps Regulatory Branch in Concord, Massachusetts at 978-318-8338. If a permit is required from the U.S. Army Corps of Engineers, a Water Quality Certificate will also be required from DEEP pursuant to section 401 of the Clean Water Act. For further information, contact the Land and Water Resources Division at 860-424-3019. A fact sheet regarding 401 Water Quality Certification is available on-line at [401 Certification](#).

8

Stormwater During Construction

The general permit for [Stormwater and Dewatering Wastewaters from Construction Activities](#) may be applicable depending on the size of the disturbance regardless of phasing. This general permit applies to all discharges of stormwater and dewatering wastewater from construction activities. The construction stormwater general permit dictates separate compliance procedures for Locally Approvable projects and Locally Exempt projects (as defined in the permit). Locally Exempt construction projects disturbing over 1 acre must submit a registration form and Stormwater Pollution Control Plan (SWPCP) to the Department. Locally Approvable construction projects with a total disturbed area of one to five acres are not required to register with the Department provided the development plan has been approved by a municipal land use agency and adheres to local erosion and sediment control land use regulations and the CT Guidelines for Soil Erosion and Sediment Control. Locally Approvable construction projects with a total disturbed area of five or more acres must submit a registration form to the Department prior to the initiation of construction. This registration shall include a certification by a Qualified Professional who designed the project and a certification by a Qualified Professional or regional Conservation District who reviewed the SWPCP and deemed it consistent with the requirements of the general permit. The SWPCP for Locally Approvable projects is not required to be submitted to the Department unless requested. The SWPCP must include measures such as erosion and sediment controls and post construction stormwater management. A goal of 80 percent removal of total suspended solids from the stormwater discharge shall be used in designing and installing post-construction stormwater management measures. Stormwater treatment systems must be designed

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to comply with the post-construction stormwater performance management requirements of the permit. These include post-construction performance standards requiring retention of the water quality volume and incorporating control measures for runoff reduction and low impact development practices. For further information, contact the division at 860-424-3018. The construction stormwater general permit registrations can now be filed electronically through DEEP's e-Filing system known as ezFile. Additional information can be found on-line at: [Construction Stormwater GP](#).

EV Readiness

In keeping with the DEEP's interest in furthering the use of alternate fuels for transportation purposes, we recommend that Level 2 electric vehicle charging stations be included at 3% of the parking spaces in the project design. Increasing the availability of public charging stations will facilitate the introduction of the electric vehicle technology into the state and serve to alleviate the present energy dependence on petroleum and improve air quality.

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Clean Vehicles

DEEP recommends the use of newer off-road construction equipment that meets the latest EPA or California Air Resources Board (CARB) standards. If newer equipment cannot be used, equipment with the best available controls on diesel emissions including retrofitting with diesel oxidation catalysts or particulate filters in addition to the use of ultra-low sulfur fuel would be the second choice that can be effective in reducing exhaust emissions. The use of newer equipment that meets EPA standards would obviate the need for retrofits.

11

DEEP also recommends the use of newer on-road vehicles that meet either the latest EPA or California Air Resources Board (CARB) standards for construction projects. These on-road vehicles include dump trucks, fuel delivery trucks and other vehicles typically found at construction sites. On-road vehicles older than the 2007-model year typically should be retrofitted with diesel oxidation catalysts or diesel particulate filters for projects. Again, the use of newer vehicles that meet EPA standards would eliminate the need for retrofits.

Idling

Additionally, Section 22a-174-18(b)(3)(C) of the Regulations of Connecticut State Agencies (RCSA) limits the idling of mobile sources to 3 minutes. This regulation applies to most vehicles such as trucks and other diesel engine-powered vehicles commonly used on construction sites. Adhering to the regulation will reduce unnecessary idling at truck staging zones, delivery or truck dumping areas and further reduce on-road and construction equipment emissions. Use of posted signs indicating the three-minute idling limit is recommended. It should be noted that only DEEP can enforce Section 22a-174-18(b)(3)(C) of the RCSA. Therefore, it is recommended that the project sponsor include language similar to the anti-idling regulations in the contract specifications for construction in order to allow them to enforce idling restrictions at the project site without the involvement of the DEEP.

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Thank you for the opportunity to review this project. These comments are based on the reviews provided by relevant staff and offices within DEEP during the designated comment period. They may not represent all applicable programs within DEEP. Feel free to contact me if you have any questions concerning these comments.

Erosion and Sedimentation Control

In order to protect wetlands and watercourses on or adjacent to the site, strict erosion and sediment controls should be utilized during construction. The *Connecticut Guidelines for Soil Erosion and Sediment Control* prepared by the Connecticut Council on Soil and Water Conservation in

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cooperation with DEEP is a recommended source of technical assistance in the selection and design of appropriate control measures. The 2002-revised edition of the Guidelines is available online at [Erosion Control Guidelines](#).

cc: Robert Hannon, DEEP/ OPPD

STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH



Raul Pino, M.D., M.P.H.
Commissioner

Dannel P. Malloy
Governor
Nancy Wyman
Lt. Governor

Drinking Water Section

December 22, 2017

Mr. Paul Ferri
Environmental Compliance Professional
University of Connecticut
Office of Environmental Policy
31 LeDoyt Road, Unit 3055
Storrs, CT 06269

Re: Notice of Scoping for University of Connecticut Northwest Science Quad Improvements

Dear Mr. Ferri:

The Department of Public Health (DPH) Drinking Water Section (DWS) has reviewed the above referenced Notice of Scoping published for the University of Connecticut (UCONN). UCONN proposes to begin construction of the Northwest Science Quad on an approximately 22-acre site located at the northwest edge of campus which includes the existing Lot 9, X-Lot, and L-Lot. The proposed project is not located in a public drinking water supply source water area, therefore the DWS has no source water protection comments to offer.

The 2015 Campus Master Plan provides a vision for the North Eagleville Science District, which includes development of the Northwest Science Quad. The DWS recommends that the Northwest Science Quad is designed and constructed to include the Sustainability Opportunities outlined in UCONN's 2015 Campus Master Plan that promote the sustainable use of public drinking water. These opportunities include but are not limited to:

- Focus on energy and water efficiency in Science, Technology, Engineering and Math (STEM) buildings, which are typically resource intensive
- Prioritize upgrades of inefficient energy and water users
- Utilize reclaimed water for cooling tower water makeup, particularly in new or renovated science buildings

Thank you for the opportunity to comment on this project. If you have any questions, please contact Pat Bisacky of my staff.

Sincerely,

A handwritten signature in blue ink, appearing to read "Eric McPhee".

Eric McPhee
Supervising Environmental Analyst
Source Assessment and Protection Unit



Phone: (860) 509-7333 • Fax: (860) 509-7359
410 Capitol Avenue, MS#12DWS, P.O. Box 340308
Hartford, Connecticut 06134-0308
www.ct.gov/dph

Affirmative Action/Equal Opportunity Employer





STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH



Raul Pino, M.D., M.P.H.
Commissioner

Dannel P. Malloy
Governor
Nancy Wyman
Lt. Governor

Environmental Health Section

November 22, 2017

Paul Ferri, Environmental Compliance Professional
University of Connecticut, Office of Environmental Policy
31 LeDoyt Road, Unit 3055
Storrs, CT 06269-3055

RE: Notice of Scoping for University of Connecticut Northwest Science Quad Improvements

Dear Mr. Ferri:

A review of the scoping notice reveals a proposal to begin construction of the Northwest Science Quad on a 22-acre site, located at the northwest edge of campus. The proposal includes an occupied science building for STEM research. When a new building is to be constructed as part of a project plan, it is best practice to use radon resistant features for occupied spaces at or near ground level to decrease the risk of radon-induced lung cancer for the occupants.

The following summarizes the Department's position with regard to radon:

A. Radon

The Connecticut Department of Public Health Radon Program recommends that during the construction of an occupied building, radon resistant features should be built into the infrastructure of the building.

The list below describes the basic components of radon resistant new construction:

- A gas permeable layer, such as 4-inch gravel, placed beneath the slab to allow soil gases to move freely underneath the building



Phone: (860) 509-7299 • Fax: (860) 509-7295
410 Capitol Avenue, P.O. Box 340308
Hartford, Connecticut 06134-0308
www.ct.gov/dph

Affirmative Action/Equal Opportunity Employer

- Plastic sheeting over the gas permeable layer and under the slab to help prevent soil gases from entering the home
- Sealing and caulking all openings in the foundation floor to reduce soil gas entry
- A vent pipe, such as 6 inch PVC pipe, to run from the gas permeable layer through the building to the roof to safely vent soil gases above the building
- An electrical junction box installed in case an electric venting fan is needed later

The new building should be tested for radon after construction is completed. If radon results are at or above 4.0 picocuries per liter (pCi/L), the existing system should be activated by installing an in-line fan.

2

Additional inquiries on the subject of radon resistant new construction can be directed to Allison Sullivan, Environmental Analyst 3 of the Radon Program at 860-509-7299.

Sincerely,



Suzanne Blanefflor, M.S., M.P.H.
Chief, Environmental Health Section



JoAnn Goodwin, Chair

AUDREY P. BECK BUILDING
FOUR SOUTH EAGLEVILLE ROAD
MANSFIELD, CT 06268-2599
(860) 429-3330
Fax: (860) 429-6863

December 21, 2017

Mr. Paul Ferri
UConn Office of Environmental Policy
31 LeDoyt Road, U-3055
Storrs, Connecticut 06269

Subject: Main Campus Parking Replacement Project and Northwest Science Quad Scoping

Dear Mr. Ferri:

The Mansfield Planning and Zoning Commission (PZC) offers the following comments and recommendations with regard to the proposed Main Campus Parking Replacement Project and Northwest Science Quad Project. As these projects are related, we have provided one set of comments to apply to both projects. Based on the following comments, the Commission recommends that full Environmental Impact Evaluations (EIE) be conducted the proposed projects. | 1

- *Sustainability.* We support UConn's goal of attaining LEED Gold and Sustainable SITES certification for the proposed projects and encourage the University to include implementation of strategies recommended in the Sustainability Framework Plan adopted as part of the larger campus master plan. | 2,3
- *Off-Campus Traffic Impacts.* A full evaluation of the impacts of the proposed improvements on off-campus traffic should be conducted as part of an EIE to identify needed mitigation. As the university begins the process of shifting parking to the perimeter, it is anticipated that travel patterns will change as staff and commuter students seek alternate routes to their parking location. As such, while the improvements are concentrated on the north side of campus, the traffic study needs to be approached in a more holistic manner to understand how these changes will impact overall traffic patterns. Such evaluation should address anticipated traffic patterns on days where multiple events are scheduled on campus, including the potential locations for a new hockey rink that are currently under consideration. | 4,5,6,7

In particular, the Town has identified the need for the following additional locations to be included in the traffic study to better evaluate impact on off-campus roadways: | 8

- Intersection of Hunting Lodge Road and North Eagleville Road
 - Intersection of Hunting Lodge Road and Route 44
 - Intersection of Separatist Road and Jim Calhoun Way
- *Off-Campus Parking Impacts.* The Commission is very concerned that the proposed relocation of parking to more remote locations will result in increased demand for off-campus parking closer to the campus core. As previously stated in the Town's formal comments on the campus master plan: "The master plan takes an aggressive approach with regard to limiting parking on-campus as a

catalyst for increasing reliance on alternate modes of transportation. While we agree that such an approach is necessary if we are to change behaviors in the long-term, we are also concerned that the Town could be impacted in the short-term if staff and students seek alternative parking off-campus. We will look to the University to support the Town in any efforts needed to address off-campus parking if they arise, including financial support for enforcement if needed.”

This is the first project to move a substantial amount of parking out of the campus core to the periphery. There is significant concern that the added distance and inconvenience may spur pressure for off-campus parking in adjacent neighborhoods and at Storrs Center. Intrusion into residential neighborhoods and loss of parking needed for downtown businesses would be incredibly detrimental to Town residents and businesses. As such, it is imperative that the Town be provided with an opportunity to review and comment on proposed transportation/shuttle plans for connecting faculty, students and visitors to these new remote lots. Detailed information regarding short-term plans for replacement of parking at W-Lot that will be impacted by garage construction; frequency of transit service; proposed transit routes; and plans for addressing parking demand when multiple events are occurring on-campus is needed.

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- *On-Campus Parking Impacts.* In addition to a more detailed study of potential off-campus parking impacts, the evaluation should also address the potential impacts to facilities on-campus, particularly the Jorgensen Center for the Performing Arts. Much of the parking for Jorgensen is located at the Northwest Science Quad. While the north garage also provides parking for the performing arts center, it does not appear to be sufficient for popular, highly-attended events as evidenced by the use of the surface lots in the proposed Northwest Science Quad. The Town is concerned that relocation of parking may have the unintended consequence of deterring attendance of events at the performing arts center. In addition to impacts on general attendance, a parking study should also address special event parking for the elderly and disabled, as the loss of convenient parking may limit their access to events.
- *Stormwater.* We support the use of Low-Impact Development and Green Infrastructure practices to improve stormwater quality and reduce impacts to the Eagleville Brook watershed. The use of these practices will be particularly important given the location of the Northwest Science Quad in the Eagleville Brook watershed.
- *Pedestrian Safety.* With the relocation of parking and the introduction of substantial new development at the Northwest Science Quad, the existing pedestrian system along the western portion of North Eagleville Road needs to be improved, particularly with regard to crossings. Such improvements should be considered during traffic analysis, as the multitude of crossings on the eastern portion of the road can lead to traffic back-ups during heavy crossing periods. The lack of such crossings west of Discovery Drive will need to be addressed to ensure that pedestrians have safe access to King Hill Road and the Northwest Science Quad.
- *Viewshed Analysis.* Storrs Road is one of the main gateways to campus and Mansfield, known for the iconic views of Horsebarn Hill, which are representative of the town’s rural character. The west side of Storrs Road leading into campus is similarly agricultural in nature. Any addition of structured parking on the west side of the road should be hidden from view by landscaping and topography if possible; however, if the parking decks will be visible from Storrs Road, additional design treatments will be needed to reduce the visual impact of those structures on the rural character and viewsheds afforded in this area. As such, the Town recommends that a viewshed analysis be prepared as part of the environmental impact evaluation to identify the visibility of the parking decks. If a location/design alternative to limit views of the parking decks is not possible, mitigation in terms of structure design will be needed to reduce visual impacts on the landscape.

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Not applicable to this Proposed Action.

These comments are based upon discussions of the Town's Traffic Authority and Planning and Zoning Commission. The Town Council will be reviewing these comments at their January 8, 2017 meeting and may issue supplemental comments at that time.

If you have any questions regarding these comments, please contact Linda Painter, Director of Planning and Development.

Sincerely,



JoAnn Goodwin
Chair, Mansfield PZC

Cc: Town Council
Planning and Zoning Commission
Mansfield Traffic Authority

TOWN OF MANSFIELD



Paul M. Shapiro, Mayor

AUDREY P. BECK BUILDING
FOUR SOUTH EAGLEVILLE ROAD
MANSFIELD, CT 06268-2599
(860) 429-3330
Fax: (860) 429-6863

January 8, 2017

Mr. Paul Ferri
UConn Office of Environmental Policy
31 LeDoyt Road, U-3055
Storrs, Connecticut 06269

Subject: Main Campus Parking Replacement Project and Northwest Science Quad Scoping

Dear Mr. Ferri:

Thank you for providing us with the opportunity to comment on the proposed Main Campus Parking Replacement and Northwest Science Quad projects as well as considering these comments outside of the formal comment period. After review, the Mansfield Town Council voted on January 8th to endorse the comments submitted by the Planning and Zoning Commission in a letter to you dated December 21, 2017.

If you have any questions regarding these comments, please contact Linda Painter, Director of Planning and Development.

Sincerely,

Paul M. Shapiro
Mayor

Cc: Town Council
Planning and Zoning Commission
Mansfield Traffic Authority

Attachment C – EIE Review Period Notices



COUNCIL ON ENVIRONMENTAL QUALITY

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ENVIRONMENTAL MONITOR

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Environmental Monitor Archives



December 18, 2018

Scoping Notices

1. **NEW!** Notice of Prescribed Burns, Pachaug State Forest, Griswold, Voluntown
2. **NEW!** Derby Water Storage Tank, Derby

Post-Scoping Notice: Environmental Impact Evaluation (EIE) Not Required

1. **NEW!** Project Cancellation, Property Acquisition, Orange

Environmental Impact Evaluations

1. **NEW!** Northwest Science Quad, University of Connecticut, Mansfield

State Land Transfers

1. **Extended Comment Period with Additional Information.** 263 Migeon Ave, Torrington

The next edition of the Environmental Monitor will be published on **January 8, 2019**.

[Subscribe to e-alerts](#) to receive an e-mail when the Environmental Monitor is published.

Notices in the Environmental Monitor are written and formatted by the sponsoring agencies and are published unedited. Questions about the content of any notice should be directed to the sponsoring agency.

Inquiries and requests to view or copy documents, pursuant to the Freedom of Information Act, must be submitted to the sponsoring state agency.

Scoping Notices

"Scoping" is for projects in the earliest stages of planning. At the scoping stage, detailed information on a project's design, alternatives, and environmental impacts does not yet exist. Sponsoring agencies are asking for comments from other agencies and from the public as to the scope of alternatives and environmental impacts that should be considered for further study. Send your comments to the contact person listed for the project by the date indicated.

The Following Scoping Notices have been submitted for review and comment.

1. Notice of Scoping for Prescribed Burns

Project Title: Pachaug State Forest Prescribed Burn

Municipalities where proposed project might be located: Voluntown, Griswold

Addresses of Possible Project Locations: Pachaug State Forest, Stone Hill Block, Compartments 8,9, and 12, located east, west and north of Lawrence Road.

Project Description: The Department of Energy and Environmental Protection (DEEP) is planning multiple burns over three years, up to 346 acres. Leaf litter, grasses, huckleberries, logging slash, and other down wood will be burned. Repeated drought, gypsy moths and chestnut borers have killed over 90% of the oaks. Many trees have already been cut for public safety. Though much of the wood has been harvested, the

remaining tree tops increase the risk of intense wildfires.

DEEP's goals are to reduce the down wood and to regenerate young oak and pine forests. Oak forests cannot sustain themselves under current natural conditions, as seedlings cannot tolerate shade. Historically, they thrived after Native American burns, abandonment of land, clearcuts, and the chestnut blight. In the absence of these factors, the less ecologically valuable birch, beech, and maple crowd out the oaks. In time, oak forests will greatly diminish from the area without prescribed burns, which is referred to as an impending ecological crisis.

The burns will also weaken or kill shrubs and birch, beech and maple saplings in the understory, and create a better seedbed for acorns and stimulate existing oak seedlings. More sunlight will reach those seedlings.

DEEP expects to burn 36 acres in 2019, and more in the following years. Some areas may require more than a single burn. The timeframes are February to mid-May, and end of May to the end of November. Nearby trails will be closed only on the days of the burns, smoke will clear within a few hours.

Project Map(s): [Pachaug State Forest Prescribed Burn Map](#)

Written comments from the public are welcomed and will be accepted until the close of business on: **January 17, 2019**.

Any person can ask the sponsoring agency to hold a Public Scoping Meeting by sending such a request to the address below. If a meeting is requested by 25 or more individuals, or by an association that represents 25 or more members, the sponsoring agency shall schedule a Public Scoping Meeting. Such requests must be made by Friday, **December 28, 2018**.

Written comments and/or requests for a Public Scoping Meeting should be sent to

Name: Kevin Grady, Protection Forester
Agency: CT DEEP, Bureau of Natural Resources
Address: Goodwin State Forest, 23 Potter Road, Hampton, CT 06247
E-Mail: kevin.grady@ct.gov

If you have questions about the public meeting, or other questions about the scoping for this project, contact:

Name: Emery Gluck, Forester
Agency: CT DEEP, Bureau of Natural Resources
Address: Cockaponset State Forest, 18 Ranger Road, Haddam, CT 06438
Phone: 860-345-8522
E-Mail: emery.gluck@ct.gov

2. Notice of Scoping for Derby Water Storage Tank

Municipality where proposed project might be located: Derby

Address of Possible Project Location: In the vicinity of 8 Nutmeg Avenue

Project Description: South Central Connecticut Regional Water Authority (RWA) proposes to construct a one million gallon pre-stressed concrete tank in Derby to provide adequate atmospheric storage to the Ansonia-Derby Service Area. By providing atmospheric storage in this area, it will enable RWA to better meet peak flows during high water demand periods in the system and it will increase the amount of water available for emergencies. This tank would also help stabilize water pressures in the system during these high demand periods and increase the reliability of water service to approximately 13,000 customers, including a hospital and other critical customers. The work associated with this project includes a 51-foot diameter, 57-foot tall concrete storage tank; construction of approximately 175 feet of piping from the site to the intersection of Nutmeg Avenue and Chatfield Street; an access drive from Chatfield Street to the tank site; a secondary unpaved access road from Coon Hollow Road; and a paved parking area at the bottom of the unpaved access road for use by the City of Derby.

Project Map: Click [here](#) to view a map of the project area.

Written comments from the public are welcomed and will be accepted until the close of business on: **January 18, 2019**.

Any person can ask the sponsoring agency to hold a Public Scoping Meeting by sending such a request to the address below. If a meeting is requested by 25 or more individuals, or by an association that represents 25 or more members, the sponsoring agency shall schedule a Public Scoping Meeting. Such requests must be made by **December 28, 2018**.

Written comments and/or requests for a Public Scoping Meeting should be sent to

Name: Mr. Eric McPhee
Agency: Department of Public Health
 Drinking Water Section
Address: 410 Capitol Avenue, MS #12DWS
 PO Box 340308
 Hartford, CT 06134-0308

Fax: 860-509-7359
E-Mail: DPH.sourceprotection@ct.gov

If you have questions about the public meeting, or other questions about the scoping for this project, contact:

Name: Ms. Patricia Bisacky
Agency: Department of Public Health
 Drinking Water Section
 410 Capitol Avenue, MS #12DWS
Address: PO Box 340308
 Hartford, CT 06134-0308
Phone: 860-509-7333
Fax: 860-509-7359
E-Mail: Patricia.bisacky@ct.gov

Inquiries and requests to view and or copy documents, pursuant to the Freedom of Information Act, must be submitted to the sponsoring State Agency:

Name: Maura Downes
Agency: Department of Public Health
Address: 410 Capitol Avenue, MS #13CMN
 Hartford, CT 06134-0308
E-Mail: DPH.communications@ct.gov
Phone: 860-509-7286

Post-Scoping Notices: Environmental Impact Evaluation Not Required

This category is required by the October 2010 revision of the [Generic Environmental Classification Document](#) for State Agencies. A notice is published here if the sponsoring agency, after publication of a scoping notice and consideration of comments received, has determined that an Environmental Impact Evaluation (EIE) does not need to be prepared for the proposed project.

The following Post-Scoping Notice has been submitted for publication in this edition.

EIE Notices

After Scoping, an agency that wishes to undertake an action that could significantly affect the environment must produce, for public review and comment, a detailed written evaluation of the expected environmental impacts. This is called an Environmental Impact Evaluation (EIE).

The following EIE Notice has been submitted for publication in this edition.

1. Notice of EIE for the University of Connecticut Northwest Science Quadrangle

Municipality where project is proposed: Mansfield

Address of Possible Project Location(s): X-Lot, L-Lot, and Lot 9 and surrounding area south of King Hill Road on the University of Connecticut Storrs Campus, Mansfield, Connecticut

Project Description:

The University of Connecticut (UConn) is proposing to begin construction of the Northwest Science Quad on an approximately 22-acre site located at the northwest corner of campus which includes the existing Lot 9, X-Lot, and L-Lot. The Northwest Science Quad is identified as part of the North Eagleville Science District in the University's Campus Master Plan and is part of the capital project initiatives in support of Next Generation Connecticut to significantly expand educational opportunities, research, and innovation in the science, technology, engineering, and math (STEM) disciplines at UConn. The proposed project consists of the following:

- Science 1 Building – an ~193,600 gross square foot (GSF) STEM Research Center
- Supplemental utility plant (SUP)
- North Woodland Corridor walkway
- Improvements to King Hill Road and realignment of Hillside Road and Alumni Drive

- Stormwater management and other campus-wide utilities to service the Northwest Science Quad
- Extension of utility tunnel from existing Central Utility Plant (CUP) to the proposed SUP
- Surface parking (approximately 180 spaces)

Construction associated with the project will incorporate best practices of sustainability with a minimum goal for Science 1 of LEED Gold certification, with a goal of also being certified for the U.S. Green Building Council Sustainable SITES program.

The University has prepared an Environmental Impact Evaluation (EIE) to further evaluate the potential environmental impacts of the Proposed Action, as well as other alternatives, including the No Action alternative.

Project Maps: Click [here](#) to view a map of the project area. Click [here](#) to view a conceptual map of the proposed Northwest Science Quad Improvements.

Comments on this EIE will be accepted until the close of business on: **February 8, 2019**

The public can view a copy of this EIE at:

- Mansfield Town Clerk's Office, Audrey P Beck Municipal Building, 4 South Eagleville Road, Mansfield, CT
- Mansfield Public Library, 54 Warrenville Road, Mansfield, CT
- An electronic copy of the EIE is available by clicking [here](#) or visiting <http://updc.uconn.edu/blog>.

There is a public hearing scheduled for this EIE on:

DATE: **January 30, 2019**

TIME: 7 p.m. (Doors will be open at 6:30 p.m. to allow review of informational materials)

PLACE: Konover Auditorium at the Dodd Center, 405 Babbidge Road, Unit 1205 Storrs, CT 06269-1205. The closest public parking is in the South Garage, 2366 Jim Calhoun Way, Storrs, CT 06269. Adjacent to the UConn Bookstore.

NOTES: The event will be available via livestream. Details and link to livestream will be made available at <http://updc.uconn.edu/blog> as we get closer to the event.

Send your comments about this EIE to:

Name: Sean Vasington, Associate Director
Agency: UConn - Planning Design, and Construction
Address: 31 LeDoyt Road, Unit 3038, Storrs, CT 06269
E-Mail: sean.vasington@uconn.edu
Phone: 860 486-5865

If you have questions about the public hearing, or other questions about the EIE, contact Mr. Vasington as directed above.

State Land Transfer Notices

Connecticut General Statutes [Section 4b-47](#) requires public notice of most proposed sales and transfers of state-owned lands. The public has an opportunity to comment on any such proposed transfer. Each notice includes an address where comments should be sent. [Read more about the process.](#)

The Following State Land Transfer Notice has been submitted for notice in this edition.

1. NOTICE OF PROPOSED LAND TRANSFER for 263 MI GEON AVE, TORRINGTON, CT 06790

Commonly used name of property or other identifying information: **Former Harlow A. Pease House**

Number of acres to be transferred: 0.78 Acres

Click to view [map](#) of property location

Description of Property

Below is some general information about the property. It should not be considered a complete description of the property and should not be relied upon for making decisions. If only a portion of a property is proposed for transfer, the description pertains only to the portion being transferred.

Brief Description of Historical and Current Uses:

Three story, masonry and wood frame house built in 1913. **Former Harlow A. Pease House.** Historically used by the State of Connecticut as a group care home; currently not in use. Brick garage in rear of property.

The property to be transferred contains the following:

Structures:	<input type="checkbox"/> Buildings in use	<input checked="" type="checkbox"/> Buildings not in use	<input type="checkbox"/> No Structures
Other Features:	<input type="checkbox"/> Wooded land	<input type="checkbox"/> Nonagricultural fields	<input type="checkbox"/> Active agriculture
	<input type="checkbox"/> Paved areas	<input type="checkbox"/> Ponds, streams, other water, wetlands	
Water Supply:	<input checked="" type="checkbox"/> Public water supply	<input type="checkbox"/> On-site well	<input type="checkbox"/> Unknown
Waste Disposal:	<input checked="" type="checkbox"/> Served by sewers	<input type="checkbox"/> On-site septic system	<input type="checkbox"/> Unknown

Click to view parcel [map](#) of property

Click to view [photographs](#) of property

The property is in the following municipal zone:

<input checked="" type="checkbox"/> Residential	<input type="checkbox"/> Industrial	<input type="checkbox"/> Commercial	<input type="checkbox"/> Institutional
<input type="checkbox"/> Other:			
<input type="checkbox"/> Not zoned	<input type="checkbox"/> Not known		

Special features of the property, if known: **The property is listed on the National Register of Historic Places as part of the Migeon Avenue National Register Historic District.**

Value of property, if known: Unknown

Type of Sale or Transfer:

Sale or transfer of property in fee
 Sale or transfer of partial interest in the property (such as an easement).

Proposed recipient, if known: Unknown

Proposed use by property recipient, if known: Unknown

The agency is proposing to transfer the property with the following restrictions on future uses:

If checked, the state is not currently proposing restrictions on future uses.

Reason the State of Connecticut is proposing to transfer this property: No longer meets the State's needs.

Comments from the public are welcome and will be accepted until the close of business on **January 17, 2019.**

Comments may include (but are not limited to) information you might have about significant natural resources or recreation resources on the property, as well as your recommendations for means to preserve such resources.

Written comments* should be sent to:

Name: Paul F. Hinsch
Agency: Office of Policy and Management
Bureau of Assets Management
Address: 450 Capitol Avenue
Hartford, CT 06106-1379
E-Mail: Paul.Hinsch@ct.gov

*E-Mail submissions are preferred.

Send copies of comments to:

Name: Shane Mallory
Agency: Department of Administrative Services
Leasing & Property Transfer Unit
Address: 450 Columbus Boulevard, Suite 1402
Hartford, CT 06103
E-Mail: Shane.Mallory@ct.gov

(Comments from state agencies **must** be on agency letterhead and signed by agency head. Scanned copies are preferred.)

[What Happens Next?](#)

To find out if this proposed transfer is the subject of further notices, check future editions of the Environmental Monitor. [Sign up for e-alerts](#) to receive a reminder e-mail on Environmental Monitor publication dates.

The Adobe Reader is necessary to view and print Adobe Acrobat documents, including some of the maps and illustrations that are linked to this publication. If you have an outdated version of Adobe Reader, it might cause pictures to display incompletely. To download up-to-date versions of the free software, click on the Get Acrobat button, below. This link will also provide information and instructions for downloading and installing the reader.



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Environmental Monitor Archives



January 8, 2019

Scoping Notices

1. Notice of Prescribed Burns, Pachaug State Forest, Griswold, Voluntown
2. Derby Water Storage Tank, Derby

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1. Project Cancellation, Property Acquisition, Orange
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1. Northwest Science Quad, University of Connecticut, Mansfield
2. **NEW!** Resilient Bridgeport, Bridgeport

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1. **Extended Comment Period with Additional Information.** 263 Migeon Ave, Torrington

The next edition of the Environmental Monitor will be published on **January 22, 2019**.

[Subscribe to e-alerts](#) to receive an e-mail when the Environmental Monitor is published.

Notices in the Environmental Monitor are written and formatted by the sponsoring agencies and are published unedited. Questions about the content of any notice should be directed to the sponsoring agency.

Inquiries and requests to view or copy documents, pursuant to the Freedom of Information Act, must be submitted to the sponsoring state agency.

Scoping Notices

"Scoping" is for projects in the earliest stages of planning. At the scoping stage, detailed information on a project's design, alternatives, and environmental impacts does not yet exist. Sponsoring agencies are asking for comments from other agencies and from the public as to the scope of alternatives and environmental impacts that should be considered for further study. Send your comments to the contact person listed for the project by the date indicated.

The Following Scoping Notices have been submitted for review and comment.

1. Notice of Scoping for Prescribed Burns

Project Title: Pachaug State Forest Prescribed Burn

Municipalities where proposed project might be located: Voluntown, Griswold

Addresses of Possible Project Locations: Pachaug State Forest, Stone Hill Block, Compartments 8,9, and 12, located east, west and north of Lawrence Road.

Project Description: The Department of Energy and Environmental Protection (DEEP) is planning multiple burns over three years, up to 346 acres. Leaf litter, grasses, huckleberries, logging slash, and other down wood will be burned. Repeated drought, gypsy moths and chestnut borers have killed over 90% of the oaks. Many trees have already been cut for public safety. Though much of the wood has been harvested, the remaining tree tops increase the risk of intense wildfires.

DEEP's goals are to reduce the down wood and to regenerate young oak and pine forests. Oak forests cannot sustain themselves under current natural conditions, as seedlings cannot tolerate shade. Historically, they thrived after Native American burns, abandonment of land, clearcuts, and the chestnut blight. In the absence of these factors, the less ecologically valuable birch, beech, and maple crowd out the oaks. In time, oak forests will greatly diminish from the area without prescribed burns, which is referred to as an impending ecological crisis.

The burns will also weaken or kill shrubs and birch, beech and maple saplings in the understory, and create a better seedbed for acorns and stimulate existing oak seedlings. More sunlight will reach those seedlings.

DEEP expects to burn 36 acres in 2019, and more in the following years. Some areas may require more than a single burn. The timeframes are February to mid-May, and end of May to the end of November. Nearby trails will be closed only on the days of the burns, smoke will clear within a few hours.

Project Map(s): [Pachaug State Forest Prescribed Burn Map](#)

Written comments from the public are welcomed and will be accepted until the close of business on: **January 17, 2019**.

Any person can ask the sponsoring agency to hold a Public Scoping Meeting by sending such a request to the address below. If a meeting is requested by 25 or more individuals, or by an association that represents 25 or more members, the sponsoring agency shall schedule a Public Scoping Meeting. Such requests must be made by Friday, **December 28, 2018**.

Written comments and/or requests for a Public Scoping Meeting should be sent to

Name: Kevin Grady, Protection Forester
Agency: CT DEEP, Bureau of Natural Resources
Address: Goodwin State Forest, 23 Potter Road, Hampton, CT 06247
E-Mail: kevin.grady@ct.gov

If you have questions about the public meeting, or other questions about the scoping for this project, contact:

Name: Emery Gluck, Forester
Agency: CT DEEP, Bureau of Natural Resources
Address: Cockaponset State Forest, 18 Ranger Road, Haddam, CT 06438
Phone: 860-345-8522
E-Mail: emery.gluck@ct.gov

2. Notice of Scoping for Derby Water Storage Tank

Municipality where proposed project might be located: Derby

Address of Possible Project Location: In the vicinity of 8 Nutmeg Avenue

Project Description: South Central Connecticut Regional Water Authority (RWA) proposes to construct a one million gallon pre-stressed concrete tank in Derby to provide adequate atmospheric storage to the Ansonia-Derby Service Area. By providing atmospheric storage in this area, it will enable RWA to better meet peak flows during high water demand periods in the system and it will increase the amount of water available for emergencies. This tank would also help stabilize water pressures in the system during these high demand periods and increase the reliability of water service to approximately 13,000 customers, including a hospital and other critical customers. The work associated with this project includes a 51-foot diameter, 57-foot tall concrete storage tank; construction of approximately 175 feet of piping from the site to the intersection of Nutmeg Avenue and Chatfield Street; an access drive from Chatfield Street to the tank site; a secondary unpaved access road from Coon Hollow Road; and a paved parking area at the bottom of the unpaved access road for use by the City of Derby.

Project Map: Click [here](#) to view a map of the project area.

Written comments from the public are welcomed and will be accepted until the close of business on: **January 18, 2019**.

Any person can ask the sponsoring agency to hold a Public Scoping Meeting by sending such a request to the address below. If a meeting is requested by 25 or more individuals, or by an association that represents 25 or more members, the sponsoring agency shall schedule a Public Scoping Meeting. Such requests must be made by **December 28, 2018**.

Written comments and/or requests for a Public Scoping Meeting should be sent to

Name: Mr. Eric McPhee
Agency: Department of Public Health
 Drinking Water Section
Address: 410 Capitol Avenue, MS #12DWS
 PO Box 340308
 Hartford, CT 06134-0308
Fax: 860-509-7359
E-Mail: DPH.sourceprotection@ct.gov

If you have questions about the public meeting, or other questions about the scoping for this project, contact:

Name: Ms. Patricia Bisacky
Agency: Department of Public Health
 Drinking Water Section
 410 Capitol Avenue, MS #12DWS
Address: PO Box 340308
 Hartford, CT 06134-0308
Phone: 860-509-7333
Fax: 860-509-7359
E-Mail: Patricia.bisacky@ct.gov

Inquiries and requests to view and or copy documents, pursuant to the Freedom of Information Act, must be submitted to the sponsoring State Agency:

Name: Maura Downes
Agency: Department of Public Health
 410 Capitol Avenue, MS #13CMN
Address: Hartford, CT 06134-0308
E-Mail: DPH.communications@ct.gov
Phone: 860-509-7286

Post-Scoping Notices: Environmental Impact Evaluation Not Required

This category is required by the October 2010 revision of the [Generic Environmental Classification Document](#) for State Agencies. A notice is published here if the sponsoring agency, after publication of a scoping notice and consideration of comments received, has determined that an Environmental Impact Evaluation (EIE) does not need to be prepared for the proposed project.

The following Post-Scoping Notices have been submitted for publication in this edition.

1. Post-Scoping Notice for Property Acquisition, Orange

Municipality where project will be located: Orange

NOTICE OF PROJECT CANCELLATION: On August 7, 2018 the Office of Policy and Management (OPM) published a [Notice of Scoping](#) to solicit public comments for the proposed acquisition of property to encourage construction of an Orange train station and to provide future opportunities for transit-oriented development, new business opportunities, and transit options for residents of the Town. The property is located at 28 Salemme Lane (also known as 0 Marsh Hill Road).

Since the parties have been unable to reach agreement on the terms of the proposed transaction, OPM [notified the Town of Orange](#) on December 12, 2018 that the project is hereby cancelled, thereby concluding the CEPA process.

If an agency were to initiate this project in the future, a new public scoping notice will be issued.

If you have questions about the project, you can contact the agency at:

Name: Mr. Zack Hyde
Agency: Connecticut Office of Policy and Management
Address: 450 Capitol Ave, Hartford, CT 06106
Phone: 860-418-6261

E-Mail: Zack.Hyde@ct.gov

2. Post-Scoping Notice for Safety and Operational Improvements on I-84

Municipality where project will be located: West Hartford

CEPA Determination: On May 17, 2016 the Connecticut Department of Transportation (CTDOT) published a [Notice of Scoping](#) to solicit public comments for this project in the Environmental Monitor. Comments were received from the [Office of Policy and Management](#) and the [Department of Energy and Environmental Protection](#). No comments were received from the general public. CTDOT has taken the comments received into consideration and has concluded that the project does not require the preparation of Environmental Impact Evaluation under CEPA.

CTDOT's conclusion is documented in a [Memo of Findings and Determination](#) and [Environmental Assessment Checklist](#).

If you have questions about the project, you can contact the agency at:

Name: Kevin Fleming

Agency: Connecticut Department of Transportation, Office of Environmental Planning

Address: 2800 Berlin Turnpike, Newington, CT 06131

Phone: 860-594-2924

E-Mail: Kevin.Fleming@ct.gov

What happens next: CTDOT expects the project to move forward. This is expected to be the final notice of the project to be published in the Environmental Monitor.

EIE Notices

After Scoping, an agency that wishes to undertake an action that could significantly affect the environment must produce, for public review and comment, a detailed written evaluation of the expected environmental impacts. This is called an Environmental Impact Evaluation (EIE).

The following EIE Notices have been submitted for publication in this edition.

1. Notice of EIE for the University of Connecticut Northwest Science Quadrangle

Municipality where project is proposed: Mansfield

Address of Possible Project Location(s): X-Lot, L-Lot, and Lot 9 and surrounding area south of King Hill Road on the University of Connecticut Storrs Campus, Mansfield, Connecticut

Project Description:

The University of Connecticut (UConn) is proposing to begin construction of the Northwest Science Quad on an approximately 22-acre site located at the northwest corner of campus which includes the existing Lot 9, X-Lot, and L-Lot. The Northwest Science Quad is identified as part of the North Eagleville Science District in the University's Campus Master Plan and is part of the capital project initiatives in support of Next Generation Connecticut to significantly expand educational opportunities, research, and innovation in the science, technology, engineering, and math (STEM) disciplines at UConn. The proposed project consists of the following:

- Science 1 Building – an ~193,600 gross square foot (GSF) STEM Research Center
- Supplemental utility plant (SUP)
- North Woodland Corridor walkway
- Improvements to King Hill Road and realignment of Hillside Road and Alumni Drive
- Stormwater management and other campus-wide utilities to service the Northwest Science Quad
- Extension of utility tunnel from existing Central Utility Plant (CUP) to the proposed SUP

- Surface parking (approximately 180 spaces)

Construction associated with the project will incorporate best practices of sustainability with a minimum goal for Science 1 of LEED Gold certification, with a goal of also being certified for the U.S. Green Building Council Sustainable SITES program.

The University has prepared an Environmental Impact Evaluation (EIE) to further evaluate the potential environmental impacts of the Proposed Action, as well as other alternatives, including the No Action alternative.

Project Maps: Click [here](#) to view a map of the project area. Click [here](#) to view a conceptual map of the proposed Northwest Science Quad Improvements.

Comments on this EIE will be accepted until the close of business on: **February 8, 2019**

The public can view a copy of this EIE at:

- Mansfield Town Clerk's Office, Audrey P Beck Municipal Building, 4 South Eagleville Road, Mansfield, CT
- Mansfield Public Library, 54 Warrentville Road, Mansfield, CT
- An electronic copy of the EIE is available by clicking [here](#) or visiting <http://updc.uconn.edu/blog>.

There is a public hearing scheduled for this EIE on:

DATE: **January 30, 2019**

TIME: 7 p.m. (Doors will be open at 6:30 p.m. to allow review of informational materials)

PLACE: Konover Auditorium at the Dodd Center, 405 Babbidge Road, Unit 1205 Storrs, CT 06269-1205. The closest public parking is in the South Garage, 2366 Jim Calhoun Way, Storrs, CT 06269. Adjacent to the UConn Bookstore.

NOTES: The event will be available via livestream. Details and link to livestream will be made available at <http://updc.uconn.edu/blog> as we get closer to the event.

Send your comments about this EIE to:

Name: Sean Vasington, Associate Director
Agency: UConn - Planning Design, and Construction
Address: 31 LeDoyt Road, Unit 3038, Storrs, CT 06269
E-Mail: sean.vasington@uconn.edu
Phone: 860 486-5865

If you have questions about the public hearing, or other questions about the EIE, contact Mr. Vasington as directed above.

2. Notice of EIE for Resilient Bridgeport: Rebuild By Design and National Disaster Resilience Projects

Municipality where project is proposed: Bridgeport

Address of Possible Project Location: South End of Bridgeport, CT

Project Description: The State of Connecticut's Department of Housing (CTDOH) is the recipient of the U.S. Department of Housing and Urban Development (HUD) disaster recovery grant funding and is the "Responsible Entity," as that term is defined by HUD regulations at 24 Code of Federal Regulations (CFR) Part 58.2(a)(7)(i). CTDOH has prepared a Draft Environmental Impact Evaluation (EIE) for the proposed Resilient Bridgeport: National Disaster Resilience and Rebuild by Design projects (Proposed Action). The disaster recovery grants are under HUD's Community Development Block Grant Disaster Recovery (CDBG-DR) National Disaster Resilience (NDR) and Rebuild by Design (RBD) programs as part of HUD's response to the devastation following Superstorm Sandy. The Proposed Action consists of three projects located within the South End of Bridgeport, Connecticut—the RBD Pilot Project at the former Marina Village public housing site, a Flood Risk Reduction Project on the east side of the South End, and a Resilience Center—that together would provide stormwater management, dry evacuation routes (dry egress), a coastal flood defense system, and resiliency education to the community.

The Connecticut Environmental Policy Act establishes environmental policy for the State of Connecticut and requires an EIE for any state action that could affect the natural environment. In addition, the Proposed Action is considered a "major federal action significantly affecting the quality of the human environment"; therefore, it must comply with the requirements of the National Environmental Policy Act of 1969 (NEPA). As such, this EIE will jointly serve as an EIS and will meet NEPA requirements. CTDOH has prepared this Draft EIS/EIE in accordance with the Council on Environmental Quality's Regulations for Implementing the Procedural Provisions of NEPA (40 CFR Parts 1500-1508) and HUD's Environmental Review Procedures for Entities Assuming HUD Environmental Responsibilities (24 CFR 58). Scoping for the Draft EIS / EIE formally began on February 27, 2018 when the Notice of Intent to Prepare an EIS was published in the Connecticut Environmental Monitor, which commenced a 30-day comment period to solicit public and agency input that lasted through March 28, 2018 and included a public scoping hearing on March 14, 2018.

The study area is situated within the South End neighborhood of the City of Bridgeport (see linked Figures 1 and 2), a peninsula of the Connecticut coastal region located between Cedar Creek, the Long Island Sound, and Bridgeport Harbor. Overall, the study area is a cross section of the residential, institutional, utility, and recreational uses that define the South End neighborhood, all of which are susceptible to acute and chronic flooding conditions due to a combination of inadequate stormwater infrastructure in the area and its coastal location.

The purpose of the Proposed Action is to create a more resilient South End community, support its long-term viability, and improve health and safety for the community's vulnerable populations. The principal targeted outcomes follow:

- Lower the risk of acute and chronic flooding.
- Provide dry egress during emergencies.
- Educate the public about flood risks and sea level rise.

The Proposed Action will deliver additional benefits to the community, potentially unlocking development or public realm opportunities, enhancing connectivity between the South End and downtown Bridgeport (located north of the railroad and I-95), improving existing open space amenities, building up the resilience of local energy systems, and leveraging public investment in ongoing resiliency efforts through coordination with local stakeholders.

Project Maps:

[Figure 1 – Project Areas Map](#)

[Figure 2 – Project Location Map](#)

Comments on this EIE will be accepted until the close of business on: February 22, 2019.

It should be noted that due to the ongoing Federal government shutdown, the required NEPA Notice of Availability for this DEIS cannot be published in the Federal Register concurrently with this Connecticut Environmental Monitor notice. Pursuant to NEPA, a required 45-day public comment period would commence upon the Notice of Availability's publishing in the Federal Register. As such, **it is anticipated that the NEPA public comment period for the DEIS would extend beyond the CEPA deadline of February 22, 2019**, the exact length of which is dependent upon the ability to publish in the Federal Register. This does not change the anticipated public hearing date of February 12, 2019. The DEIS would still be available for public review at the physical and digital locations provided above during that time.

The public can view a copy of this EIE at:

Bridgeport City Hall

45 Lyon Terrace
Bridgeport, CT 06604
(203) 576-7081

Bridgeport Public Library Main Branch

925 Broad Street
Bridgeport, CT 06604
(203) 576-7400

Bridgeport Public Library Black Rock Branch

2705 Fairfield Avenue
Bridgeport, CT 06605
(203) 576-7025

University of Bridgeport Magnus Wahlstrom Library

126 Park Avenue
Bridgeport, CT 06604

(203) 576-2388

Project Document Website at the Connecticut Department of Housing:

<https://www.ct.gov/doh/cwp/view.asp?a=4513&q=588726>

Project Documents Direct Links:

[DEIS / EIE Document Chapters](#)

[DEIS / EIE Document Appendices](#)

There is a public hearing scheduled for this EIE on:

DATE: February 12, 2019

TIME: 6:00 p.m. to 8:00 p.m.

PLACE: Schelfhaudt Gallery (84 Iranistan Avenue, Bridgeport, CT)

NOTES: The hearing will provide an opportunity for the public to submit comments on the DEIS orally and/or in writing. Comments on this DEIS will be recorded at the hearing. Those who do not wish to voice their comments publicly will be offered an opportunity to provide a private written or verbal comment at the meeting, or submit comments through the project website, email or by mail to CTDOH (see below).

Additional information about this project can be found online at:

<https://www.ct.gov/doh/cwp/view.asp?a=4513&q=588726> and www.resilientbridgeport.com

Send your comments about this EIE to:

Name: Rebecca French, Director of Resilience
Agency: Connecticut Department of Housing
Address: 505 Hudson Street, Hartford, CT 06106
E-Mail: Rebecca.French@ct.gov

If you have questions about the public hearing, or where you can review this EIE, or similar matters, please contact:

Name: Rebecca French, Director of Resilience
Agency: Connecticut Department of Housing
Address: 505 Hudson Street, Hartford, CT 06106
E-Mail: Rebecca.French@ct.gov
Phone: 860-270-8231

Other information: N/A

State Land Transfer Notices

Connecticut General Statutes [Section 4b-47](#) requires public notice of most proposed sales and transfers of state-owned lands. The public has an opportunity to comment on any such proposed transfer. Each notice includes an address where comments should be sent. [Read more about the process.](#)

The Following State Land Transfer Notice has been submitted for notice in this edition.

1. NOTICE OF PROPOSED LAND TRANSFER for 263 MIGEON AVE, TORRINGTON, CT 06790

Commonly used name of property or other identifying information: **Former Harlow A. Pease House**

Number of acres to be transferred: 0.78 Acres

Click to view [map](#) of property location

Description of Property

Below is some general information about the property. It should not be considered a complete description of the property and should not be relied upon for making decisions. If only a portion of a property is proposed for transfer, the description pertains only to the portion being transferred.

Brief Description of Historical and Current Uses:

Three story, masonry and wood frame house built in 1913. **Former Harlow A. Pease House.** Historically used by the State of Connecticut as a group care home; currently not in use. Brick garage in rear of property.

The property to be transferred contains the following:

Structures:	<input type="checkbox"/> Buildings in use	<input checked="" type="checkbox"/> Buildings not in use	<input type="checkbox"/> No Structures
Other Features:	<input type="checkbox"/> Wooded land	<input type="checkbox"/> Nonagricultural fields	<input type="checkbox"/> Active agriculture
	<input type="checkbox"/> Paved areas	<input type="checkbox"/> Ponds, streams, other water, wetlands	
Water Supply:	<input checked="" type="checkbox"/> Public water supply	<input type="checkbox"/> On-site well	<input type="checkbox"/> Unknown
Waste Disposal:	<input checked="" type="checkbox"/> Served by sewers	<input type="checkbox"/> On-site septic system	<input type="checkbox"/> Unknown

Click to view parcel [map](#) of property

Click to view [photographs](#) of property

The property is in the following municipal zone:

<input checked="" type="checkbox"/> Residential	<input type="checkbox"/> Industrial	<input type="checkbox"/> Commercial	<input type="checkbox"/> Institutional
<input type="checkbox"/> Other:			
<input type="checkbox"/> Not zoned	<input type="checkbox"/> Not known		

Special features of the property, if known: **The property is listed on the National Register of Historic Places as part of the Migeon Avenue National Register Historic District.**

Value of property, if known: Unknown

Type of Sale or Transfer:

Sale or transfer of property in fee
 Sale or transfer of partial interest in the property (such as an easement).

Proposed recipient, if known: Unknown

Proposed use by property recipient, if known: Unknown

The agency is proposing to transfer the property with the following restrictions on future uses:

If checked, the state is not currently proposing restrictions on future uses.

Reason the State of Connecticut is proposing to transfer this property: No longer meets the State's needs.

Comments from the public are welcome and will be accepted until the close of business on **January 17, 2019.**

Comments may include (but are not limited to) information you might have about significant natural resources or recreation resources on the property, as well as your recommendations for means to preserve such resources.

Written comments* should be sent to:

Name: Paul F. Hinsch
 Agency: Office of Policy and Management
 Bureau of Assets Management
 Address: 450 Capitol Avenue
 Hartford, CT 06106-1379
 E-Mail: Paul.Hinsch@ct.gov

*E-Mail submissions are preferred.

Send copies of comments to:

Name: Shane Mallory
 Agency: Department of Administrative Services
 Leasing & Property Transfer Unit

Address: 450 Columbus Boulevard, Suite 1402
Hartford, CT 06103
E-Mail: Shane.Mallory@ct.gov

(Comments from state agencies **must** be on agency letterhead and signed by agency head. Scanned copies are preferred.)

[What Happens Next?](#)

To find out if this proposed transfer is the subject of further notices, check future editions of the Environmental Monitor. [Sign up for e-alerts](#) to receive a reminder e-mail on Environmental Monitor publication dates.

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No State Land Transfer Notice has been submitted for notice in this edition.

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February 5, 2019

Scoping Notices

No Scoping Notice has been submitted for publication in this edition.

Post-Scoping Notices: Environmental Impact Evaluation (EIE) Not Required

1. **NEW!** Wastewater Facilities Plan, Fairfield
2. **NEW!** Sprague NPU Emergency Interconnection, Sprague
3. **NEW!** Derby Water Storage Tank, Derby

Environmental Impact Evaluations

1. Northwest Science Quad, University of Connecticut, Mansfield
2. Resilient Bridgeport, Bridgeport
3. **NEW!** Project Status Clarification Post EIE - Commuter Railroad Station Project - Barnum Avenue, Bridgeport

State Land Transfers

No State Land Transfer Notice has been submitted for publication in this edition.

The next edition of the Environmental Monitor will be published on **February 19, 2019**.

[Subscribe to e-alerts](#) to receive an e-mail when the Environmental Monitor is published.

Notices in the Environmental Monitor are written and formatted by the sponsoring agencies and are published unedited. Questions about the content of any notice should be directed to the sponsoring agency.

Inquiries and requests to view or copy documents, pursuant to the Freedom of Information Act, must be submitted to the sponsoring state agency.

Scoping Notices

"Scoping" is for projects in the earliest stages of planning. At the scoping stage, detailed information on a project's design, alternatives, and environmental impacts does not yet exist. Sponsoring agencies are asking for comments from other agencies and from the public as to the scope of alternatives and environmental impacts that should be considered for further study. Send your comments to the contact person listed for the project by the date indicated.

No Scoping Notice has been submitted for review and comment.

Post-Scoping Notices: Environmental Impact Evaluation Not Required

This category is required by the October 2010 revision of the [Generic Environmental Classification Document](#) for State Agencies. A notice is published here if the sponsoring agency, after publication of a scoping notice and consideration of comments received, has determined that an Environmental Impact Evaluation (EIE) does not need to be prepared for the proposed project.

The following Post-Scoping Notice has been submitted for publication in this edition.

1. Post-Scoping Notice for the Town of Fairfield Wastewater Facilities Plan

Municipality where project will be located: Fairfield

CEPA Determination: On November 7, 2017 the Department of Energy and Environmental Protection (DEEP) published a [Notice of Scoping](#) to solicit public comments for this project in the Environmental Monitor. During the scoping period, DEEP received [comments from the Office of Policy and Management](#). DEEP considered the comments and sent a [letter of response](#) dated January 2, 2018. DEEP has concluded that the project does not require the preparation of Environmental Impact Evaluation under CEPA.

The agency's conclusion is documented in a [Memo of Findings and Determination](#) and [Environmental Checklist](#).

If you have questions about the project, please contact:

Name: Ann Straut
Agency: CT Department of Energy and Environmental Protection
Address: 79 Elm Street, Hartford CT 06106
Phone: 860-424-3137
Fax: 860-424-4067
E-Mail: ann.straut@ct.gov

What happens next: DEEP expects the project to go forward. This is expected to be the final notice of the project to be published in the Environmental Monitor.

2. Post-Scoping Notice for the Sprague Emergency Interconnection between Norwich Public Utilities and Sprague Water and Sewer Authority

Municipality where project will be located: Sprague

CEPA Determination: On July 3, 2018, the Department of Public Health (DPH) published a [Notice of Scoping](#) to solicit public comments for this project in the Environmental Monitor.

Based on the DPH's environmental assessment of this project which includes a review of [comments](#) provided by the Department of Energy and Environmental Protection (DEEP) dated August 2, 2018 and a [response](#) to the DEEP comments from CLA Engineers, Inc. on behalf of Norwich Public Utilities dated January 18, 2019, it has been determined that the project does not require the preparation of an Environmental Impact Evaluation (EIE) under CEPA. The DPH will coordinate with Norwich Public Utilities and the Sprague Water and Sewer Authority to ensure that the recommendations received during the Scoping period are implemented.

The agency's conclusion is documented in a [Memorandum](#) of Findings and Determination and an Environmental Assessment [Summary](#).

If you have questions about the project, you can contact the agency at:

Name: Mr. Eric McPhee
Agency: Department of Public Health – Drinking Water Section
Address: 410 Capitol Avenue, MS #12DWS, PO Box 340308
Hartford, CT 06134-0308
E-Mail: DPH.sourceprotection@ct.gov
Phone: 860-509-7333

Inquiries and requests to view and or copy documents, pursuant to the Freedom of Information Act, must be submitted to the sponsoring State Agency:

Name: Ms. Elizabeth Conklin
Agency: Department of Public Health

Address: 410 Capitol Avenue, MS #13CMN
Hartford, CT 06134-0308
E-Mail: DPH.communications@ct.gov
Phone: 860-509-7286

What happens next: The DPH expects the project to go forward. This is expected to be the final notice of the project to be published in the Environmental Monitor.

3. Post-Scoping Notice for Derby Water Storage Tank

Municipality where project will be located: Derby

CEPA Determination: On December 18, 2018, the Department of Public Health (DPH) published a [Notice of Scoping](#) to solicit public comments for this project in the Environmental Monitor.

Based on the DPH's environmental assessment of this project which includes a review of [comments](#) provided by the Department of Energy and Environmental Protection (DEEP) dated January 15, 2019, it has been determined that the project does not require the preparation of an Environmental Impact Evaluation (EIE) under CEPA. The DPH will coordinate with the Regional Water Authority to ensure that the recommendations received during the Scoping period are implemented.

The agency's conclusion is documented in a [Memorandum](#) of Findings and Determination and an Environmental Assessment [Summary](#).

If you have questions about the project, you can contact the agency at:

Name: Mr. Eric McPhee
Agency: Department of Public Health Drinking Water Section
Address: 410 Capitol Avenue, MS #12DWS, PO Box 340308
Hartford, CT 06134-0308
E-Mail: DPH.sourceprotection@ct.gov
Phone: 860-509-7333

Inquiries and requests to view and or copy documents, pursuant to the Freedom of Information Act, must be submitted to the sponsoring State Agency:

Name: Ms. Elizabeth Conklin
Agency: Department of Public Health
Address: 410 Capitol Avenue, MS #13CMN
Hartford, CT 06134-0308
E-Mail: DPH.communications@ct.gov
Phone: 860-509-7286

What happens next: The DPH expects the project to go forward. This is expected to be the final notice of the project to be published in the Environmental Monitor.

EIE Notices

After Scoping, an agency that wishes to undertake an action that could significantly affect the environment must produce, for public review and comment, a detailed written evaluation of the expected environmental impacts. This is called an Environmental Impact Evaluation (EIE).

The following EIE Notices have been submitted for publication in this edition.

1. Notice of EIE for the University of Connecticut Northwest Science Quadrangle

Municipality where project is proposed: Mansfield

Address of Possible Project Location(s): X-Lot, L-Lot, and Lot 9 and surrounding area south of King Hill Road on the University of Connecticut Storrs Campus, Mansfield, Connecticut

Project Description:

The University of Connecticut (UConn) is proposing to begin construction of the Northwest Science Quad on an approximately 22-acre site located at the northwest corner of campus which includes the existing Lot 9, X-Lot, and L-Lot. The Northwest Science Quad is identified as part of the North Eagleville Science District in the University's Campus Master Plan and is part of the capital project initiatives in support of Next Generation

Connecticut to significantly expand educational opportunities, research, and innovation in the science, technology, engineering, and math (STEM) disciplines at UConn. The proposed project consists of the following:

- Science 1 Building – an ~193,600 gross square foot (GSF) STEM Research Center
- Supplemental utility plant (SUP)
- North Woodland Corridor walkway
- Improvements to King Hill Road and realignment of Hillside Road and Alumni Drive
- Stormwater management and other campus-wide utilities to service the Northwest Science Quad
- Extension of utility tunnel from existing Central Utility Plant (CUP) to the proposed SUP
- Surface parking (approximately 180 spaces)

Construction associated with the project will incorporate best practices of sustainability with a minimum goal for Science 1 of LEED Gold certification, with a goal of also being certified for the U.S. Green Building Council Sustainable SITES program.

The University has prepared an Environmental Impact Evaluation (EIE) to further evaluate the potential environmental impacts of the Proposed Action, as well as other alternatives, including the No Action alternative.

Project Maps: Click [here](#) to view a map of the project area. Click [here](#) to view a conceptual map of the proposed Northwest Science Quad Improvements.

Comments on this EIE will be accepted until the close of business on: **February 8, 2019**

The public can view a copy of this EIE at:

- Mansfield Town Clerk's Office, Audrey P Beck Municipal Building, 4 South Eagleville Road, Mansfield, CT
- Mansfield Public Library, 54 Warrenville Road, Mansfield, CT
- An electronic copy of the EIE is available by clicking [here](#) or visiting <http://updc.uconn.edu/blog>.

There is a public hearing scheduled for this EIE on:

DATE: **January 30, 2019**

TIME: 7 p.m. (Doors will be open at 6:30 p.m. to allow review of informational materials)

PLACE: Konover Auditorium at the Dodd Center, 405 Babbidge Road, Unit 1205 Storrs, CT 06269-1205. The closest public parking is in the South Garage, 2366 Jim Calhoun Way, Storrs, CT 06269. Adjacent to the UConn Bookstore.

NOTES: The event will be available via livestream. Details and link to livestream will be made available at <http://updc.uconn.edu/blog> as we get closer to the event.

Send your comments about this EIE to:

Name: Sean Vasington, Associate Director
Agency: UConn - Planning Design, and Construction
Address: 31 LeDoyt Road, Unit 3038, Storrs, CT 06269
E-Mail: sean.vasington@uconn.edu
Phone: 860 486-5865

If you have questions about the public hearing, or other questions about the EIE, contact Mr. Vasington as directed above.

2. Notice of EIE for Resilient Bridgeport: Rebuild By Design and National Disaster Resilience Projects

Municipality where project is proposed: Bridgeport

Address of Possible Project Location: South End of Bridgeport, CT

Project Description: The State of Connecticut's Department of Housing (CTDOH) is the recipient of the U.S. Department of Housing and Urban Development (HUD) disaster recover grant funding and is the "Responsible

Entity," as that term is defined by HUD regulations at 24 Code of Federal Regulations (CFR) Part 58.2(a)(7)(i). CTDOH has prepared a Draft Environmental Impact Evaluation (EIE) for the proposed Resilient Bridgeport: National Disaster Resilience and Rebuild by Design projects (Proposed Action). The disaster recovery grants are under HUD's Community Development Block Grant Disaster Recovery (CDBG-DR) National Disaster Resilience (NDR) and Rebuild by Design (RBD) programs as part of HUD's response to the devastation following Superstorm Sandy. The Proposed Action consists of three projects located within the South End of Bridgeport, Connecticut—the RBD Pilot Project at the former Marina Village public housing site, a Flood Risk Reduction Project on the east side of the South End, and a Resilience Center—that together would provide stormwater management, dry evacuation routes (dry egress), a coastal flood defense system, and resiliency education to the community.

The Connecticut Environmental Policy Act establishes environmental policy for the State of Connecticut and requires an EIE for any state action that could affect the natural environment. In addition, the Proposed Action is considered a "major federal action significantly affecting the quality of the human environment"; therefore, it must comply with the requirements of the National Environmental Policy Act of 1969 (NEPA). As such, this EIE will jointly serve as an EIS and will meet NEPA requirements. CTDOH has prepared this Draft EIS/EIE in accordance with the Council on Environmental Quality's Regulations for Implementing the Procedural Provisions of NEPA (40 CFR Parts 1500-1508) and HUD's Environmental Review Procedures for Entities Assuming HUD Environmental Responsibilities (24 CFR 58). Scoping for the Draft EIS / EIE formally began on February 27, 2018 when the Notice of Intent to Prepare an EIS was published in the Connecticut Environmental Monitor, which commenced a 30-day comment period to solicit public and agency input that lasted through March 28, 2018 and included a public scoping hearing on March 14, 2018.

The study area is situated within the South End neighborhood of the City of Bridgeport (see linked Figures 1 and 2), a peninsula of the Connecticut coastal region located between Cedar Creek, the Long Island Sound, and Bridgeport Harbor. Overall, the study area is a cross section of the residential, institutional, utility, and recreational uses that define the South End neighborhood, all of which are susceptible to acute and chronic flooding conditions due to a combination of inadequate stormwater infrastructure in the area and its coastal location.

The purpose of the Proposed Action is to create a more resilient South End community, support its long-term viability, and improve health and safety for the community's vulnerable populations. The principal targeted outcomes follow:

- Lower the risk of acute and chronic flooding.
- Provide dry egress during emergencies.
- Educate the public about flood risks and sea level rise.

The Proposed Action will deliver additional benefits to the community, potentially unlocking development or public realm opportunities, enhancing connectivity between the South End and downtown Bridgeport (located north of the railroad and I-95), improving existing open space amenities, building up the resilience of local energy systems, and leveraging public investment in ongoing resiliency efforts through coordination with local stakeholders.

Project Maps:

[Figure 1 – Project Areas Map](#)

[Figure 2 – Project Location Map](#)

Comments on this EIE will be accepted until the close of business on: **February 22, 2019.**

It should be noted that due to the ongoing Federal government shutdown, the required NEPA Notice of Availability for this DEIS cannot be published in the Federal Register concurrently with this Connecticut Environmental Monitor notice. Pursuant to NEPA, a required 45-day public comment period would commence upon the Notice of Availability's publishing in the Federal Register. As such, it is anticipated that the NEPA public comment period for the DEIS would extend beyond the CEPA deadline of February 22, 2019, the exact length of which is dependent upon the ability to publish in the Federal Register. This does not change the anticipated public hearing date of February 12, 2019. The DEIS would still be available for public review at the physical and digital locations provided above during that time.

The public can view a copy of this EIE at:

Bridgeport City Hall
45 Lyon Terrace
Bridgeport, CT 06604
(203) 576-7081
Bridgeport Public Library Main Branch
925 Broad Street
Bridgeport, CT 06604
(203) 576-7400
Bridgeport Public Library Black Rock Branch
2705 Fairfield Avenue
Bridgeport, CT 06605
(203) 576-7025
University of Bridgeport Magnus Wahlstrom Library
126 Park Avenue
Bridgeport, CT 06604

(203) 576-2388

Project Document Website at the Connecticut Department of Housing:

<https://www.ct.gov/doh/cwp/view.asp?a=4513&q=588726>

Project Documents Direct Links:

[DEIS / EIE Document Chapters](#)

[DEIS / EIE Document Appendices](#)

There will be a public informational workshop (not a public hearing) for this EIE on:

DATE: **February 12, 2019**

TIME: 6:00 p.m. to 8:00 p.m.

PLACE: Schelfhault Gallery (84 Iranistan Avenue, Bridgeport, CT)

NOTES: The workshop will provide an opportunity for the public to submit comments on the DEIS in writing. Those who do not wish to provide comments at the workshop can submit comments through the project website, email or by mail to CTDOH (see below).

A public hearing on the DEIS will be scheduled at a later date, after the Federal Government shutdown has ended. Public notice of the public hearing will be provided.

Additional information about this project can be found online at:

<https://www.ct.gov/doh/cwp/view.asp?a=4513&q=588726> and www.resilientbridgeport.com

Send your comments about this EIE to:

Name: Rebecca French, Director of Resilience

Agency: Connecticut Department of Housing

Address: 505 Hudson Street, Hartford, CT 06106

E-Mail: Rebecca.French@ct.gov

If you have questions about the public hearing, or where you can review this EIE, or similar matters, please contact:

Name: Rebecca French, Director of Resilience

Agency: Connecticut Department of Housing

Address: 505 Hudson Street, Hartford, CT 06106

E-Mail: Rebecca.French@ct.gov

Phone: 860-270-8231

Other information: N/A

3. Project Status Clarification Post EIE - Commuter Railroad Station Project - Barnum Avenue

Municipality where project was proposed: Bridgeport

Project History: The Connecticut Department of Transportation (CTDOT) originally proposed to construct a new commuter railroad station along the New Haven Line of Metro North Railroad in Bridgeport, Connecticut. The station was proposed to be located on Barnum Avenue between Seaview Avenue and Pembroke Street. An Environmental Impact Evaluation (EIE) was published and subsequently noticed in the [Environmental Monitor on January 3, 2017](#). A public hearing for the EIE was conducted on February 7, 2017.

CTDOT has since determined that it is not currently in a financial position to undertake the project as proposed in the EIE, and has decided to defer the project in CTDOT's Capital Plan 2019-2023. If CTDOT initiates the project in the future, an updated environmental analysis and public scoping process will take place at that time, as appropriate. CTDOT's decision, as stated above, can be found in the [Memo of Findings and Determination](#)

Please note that the informa. on in the attached Memo of Findings and Determination provides clarification and supersedes the notice that was posted in the January 22, 2019 edition of the Environmental Monitor.

Any questions can be directed to:

Name: Kevin Fleming, Transportation Planner II

Agency: Connecticut Department of Transportation, Bureau of Policy and Planning

Address: 2800 Berlin Turnpike, Newington, CT 06131

E-Mail: Kevin.Fleming@ct.gov

Phone: (860) 594-2924

State Land Transfer Notices

Connecticut General Statutes [Section 4b-47](#) requires public notice of most proposed sales and transfers of state-owned lands. The public has an opportunity to comment on any such proposed transfer. Each notice includes an address where comments should be sent. [Read more about the process.](#)

No State Land Transfer Notice has been submitted for notice in this edition.

The Adobe Reader is necessary to view and print Adobe Acrobat documents, including some of the maps and illustrations that are linked to this publication. If you have an outdated version of Adobe Reader, it might cause pictures to display incompletely. To download up-to-date versions of the free software, click on the Get Acrobat button, below. This link will also provide information and instructions for downloading and installing the reader.



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University Planning, Design and Construction

Notice of EIE for the University of Connecticut NW Science Quadrangle

Posted on December 12, 2018 by lpr14001

The University has prepared an Environmental Impact Evaluation (EIE) to further evaluate the potential environmental impacts of the Proposed Action, as well as other alternatives, including the No Action alternative. The University of Connecticut (UConn) is proposing to begin construction of the Northwest Science Quad on an approximately 22-acre site located at the northwest corner of campus which includes the existing Lot 9, X-Lot, and L-Lot. The Northwest Science Quad is identified as part of the North Eagleville Science District in the University's Campus Master Plan and is part of the capital project initiatives in support of Next Generation Connecticut to significantly expand educational opportunities, research, and innovation in the science, technology, engineering, and math (STEM) disciplines at UConn. The proposed project consists of the following:

- Science 1 Building – an ~193,600 gross square foot (GSF) STEM Research Center
- Supplemental utility plant (SUP)
- North Woodland Corridor walkway
- Improvements to King Hill Road and realignment of Hillside Road and Alumni Drive
- Stormwater management and other campus-wide utilities to service the Northwest Science Quad
- Extension of utility tunnel from existing Central Utility Plant (CUP) to the proposed SUP
- Surface parking (approximately 180 spaces)

Construction associated with the project will incorporate best practices of sustainability with a minimum goal for Science 1 of LEED Gold certification, with a goal of also being certified for the U.S. Green Building Council Sustainable SITES program.

The EIE is available for public review and comment. It can be found electronically by clicking [here](#), and it also can be obtained at the Mansfield Town Clerk's Office, Audrey P Beck Municipal Building, 4 South Eagleville Road, Mansfield, CT and Mansfield Public Library, 54 Warrenville Road, Mansfield, CT.

A public hearing on this project will be held on January 30, 2019 at 7:00 p.m. at the Dodd Center's Konover Auditorium, 405 Babbidge Road, Unit 1205, Storrs, CT. The closest public parking is in the South Garage, 2366 Jim Calhoun Way, Storrs, CT. Adjacent to the UConn Bookstore. Doors will be open at 6:30 p.m. to allow review of informational materials. **Please note that this event will be available via livestream:**

To Watch Live:

- Go to <http://ait.uconn.edu/live-streaming/>.

- Go to the event date on the calendar (January 30, 2019).
- Look for the event by start time and name: 6:50 pm Stream04 – NW Science Quad Proj – Konover.
- In the description of the calendar event you will find info on which Live Stream will host the event. Choose the link based on the description in the calendar information.

To Watch Later:

- After your event is over, we will provide a link to the recorded event here.

Written comments should be sent to: Sean Vasington, UConn – Planning, Design, and Construction, 31 LeDoyt Road, U-3038; Storrs, CT 06269; email: sean.vasington@uconn.edu.

The deadline for comments is through February 8, 2019.

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Darnold learns from watching Rodgers

ANDY VAZQUEZ
THE RECORD

FLORHAM PARK — Jets rookie quarterback Sam Darnold is like many NFL fans in one regard. He likes watching Packers quarterback Aaron Rodgers and he marvels at some of the things the future Hall of Famer is able to do.

“During the offseason I look at Aaron all the time, just personally to watch some of the cool throws he’s able to make,” Darnold said Monday on a conference call. “He’s really is the most talented person I’ve ever seen the way he’s able to get rid of the ball and throw the football.”

Rodgers and the Packers are in the midst of a disappointing season as they head to MetLife Stadium Sunday to face the Jets (4-10).

This is the first time since 2008 that Rodgers has played all season and not led Green Bay (5-8-1) to the playoffs.

Darnold, who’s coming off his best game as a pro in Saturday’s loss to the Texans, has developed an enhanced appreciation for Rodgers now that he knows everything that goes into succeeding in the NFL.

“It’s fun as a quarterback knowing how hard the position is, knowing how hard it is to play, it’s really cool to be able to watch someone really make it look so easy,” Darnold said.

Darnold said that he’ll sometimes watch Rodgers’ tape with his personal coach, Jordan Palmer, or some of the other quarterbacks he trains with during the offseason. But he also sometimes just watches Rodgers when he has a free moment.

“He’s a really good player,” Darnold said of Rodgers. “How I need to improve is just continue to be a little more decisive in understanding when something’s there just be able to take

it and I think Aaron does a really good job of that.

“For the most part if I’m by myself and feel like watching tape I’ll be more likely to turn on his tape just because of the cool throws he’s able to make.”

Darnold made several off-schedule, creative plays of his own against the Texans. He impressed Texans linebacker J.J. Watt, another future Hall of Famer, who chased Darnold around all night. Watt said to Darnold on the field after the game that the rookie is going to be a “great pro.”

“It means a lot, coming from a guy like that,” Darnold said. “But at the same time I’ve got to continue to work hard and continue to sharpen all the tools in my tool box so that every single time I play a good player like him I can continue to play well and do my thing.”

The Packers were officially eliminated from playoff contention with Sunday’s loss to the Bears. And Rodgers didn’t appear to be moving around well in that game. Rodgers said he injured his groin on the final play of the first half, and he looked less than 100 percent in the second half.

So would the Jets prefer Rodgers sit on Sunday? Linebacker Avery Williamson said it doesn’t really matter.

“To me, whoever’s on the field, man, we’re ready to go,” Williamson said. “So if they rest him, they rest him.”

The Packers have missed the playoffs in consecutive seasons for the first time since 2005-06. After the Bears game Rodgers said he wants to play Sunday against the Jets.

“Nobody’s talked to me about [shutting me down],” Rodgers said told reporters in Chicago. “I want to play, though. So I’m expecting to start and play. I’d like to be out there and lead us the last two weeks.”

Distributed by Tribune Content Agency.

Transactions

BASEBALL

American League
NEW YORK YANKEES — Agreed to terms with LHP J.A. Happ on a two-year contract. Designated RHP Parker Brdwell for assignment.

TEXAS RANGERS — Agreed to terms with RHPs Matt Bush and Tim Lillard, LHP Zac Curtis and INF Chase d’Arnaud on minor league contracts.

National League
NEW YORK METS — Agreed to terms with C Wilson Ramos on a two-year contract and OF Rajai Davis on a minor league contract.

PITTSBURGH PIRATES — Agreed to terms with RHP Jordan Lyles on a one-year contract. WASHINGTON NATIONALS — Traded 2B Andrew Monasterio to Cleveland to complete an earlier trade.

BASKETBALL

National Basketball Association
ATLANTA HAWKS — Transferred F Alex Poythress to Erie (NBAGL). INDIANA PACERS — Named Kelly Krauskopf assistant general manager.

WASHINGTON WIZARDS — Traded F Kelly Oubre Jr. and G Austin Rivers to Phoenix for F Trevor Ariza.

FOOTBALL

National Football League
NFL — Suspended Green Bay G Alex Light one game for violating the NFL policy and program for substances of abuse.

ATLANTA FALCONS — Placed RB Ito Smith on injured reserve.

GREEN BAY PACKERS — Claimed RB Kapri Bibbs off waivers from Washington.

NEW YORK JETS — Signed WR DeAngelo Yancey to the practice squad.

Pro Football Hall of Fame
PFHOF — Signed president and CEO David Baker to a five-year contract extension.

Canadian Football League
WINNIPEG BLUE BOMBERS — Agreed to terms with LB Jesse Briggs on a two-year contract.

HOCKEY

National Hockey League
ARIZONA COYOTES — Assigned F Michael Bunting to Tucson (AHL).

NEW JERSEY DEVILS — Placed G Cory Schneider on injured reserve. Recalled G Mackenzie Blackwood from Binghamton (AHL).

NEW YORK RANGERS — Assigned LW Matt Beleskey and G Dustin Tokarski to Hartford

(AHL). Recalled G Alexandr Georgiev from Hartford.

PHILADELPHIA FLYERS — Fired coach Dave Hakstol. Named Scott Gordon interim coach. ST. LOUIS BLUES — Reassigned C Tanner Kaspick from Tulsa (ECHL) to San Antonio (AHL). Recalled LW Zach Sanford from San Antonio.

American Hockey League

HAMILTON BULLDOGS — Acquired F Tag Bertuzzi from Guelph for a 2020 second-, 2021 third- and 2022 third-round draft picks.

ECHL

ECHEL — Suspended Tulsa’s Ian McNulty one game and fined him an undisclosed amount for his actions in a Dec. 15 game at Indy. Suspended Allen’s Mike Gunn two games and fined him an undisclosed amount for his actions in a Dec. 16 at Reading.

MOTORSPORTS

INDYCAR — Promoted Jay Frye to president, effective Jan. 1.

SOCCER

Major League Soccer
FC DALLAS — Named Luchi Gonzalez coach. NEW ENGLAND REVOLUTION — Re-signed F Juan Agudelo to a multiyear contract.

PHILADELPHIA UNION — Signed D Fabinho, M Warren Creavalle and F Kacper Przybylko. SPORTING KANSAS CITY — D Brad Evans announced his retirement.

TORONTO FC — Exercised its option on M Auro Alvaro da Cruz Junior. Signed F Jahkeele Marshall-Rutty to a USL contract.

COLLEGE

INDIANA — Announced sophomore QB Jack Tuttle is transferring from Utah.

MEMPHIS — Named Steven Martin athletic development coordinator.

NEW MEXICO — Agreed to terms with baseball coach Ray Birmingham on a three-year contract. Announced Bob Robinson, senior associate athletic director/chief financial officer, will be leaving the department to pursue a career in law.

NORTH CAROLINA STATE — Named Kurt Roper quarterback coach.

OHIO STATE — Redshirt junior RB Mike Weber will declare for the NFL draft after the Rose Bowl.

RUTGERS — Named Henry Baker defensive backs coach and coordinator for the passing defense.

SACRAMENTO STATE — Named Terry Taylor football coach.

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Legal Notice

Legal Notice

EIE Notice
UCONN Northwest Science Quad
University of Connecticut, Storrs, CT

The University has prepared an Environmental Impact Evaluation (EIE) to evaluate the potential environmental impacts of the Northwest Science Quad development on an approximately 22-acre site located at the northwest corner of campus which includes the existing Lot 9, X-Lot, and L-Lot. The proposed project includes construction of an ~193,600 GSF STEM research center, a supplemental utility plant, extension of the utility from the Central Utility Plant to the site, improvements to stormwater management and construction of a woodland corridor, roadway improvements and realignment, and surface parking of approximately 180 spaces.

This document is available for public review and comment and can be obtained at one or more of the following locations: Mansfield Town Clerks Office, Audrey P Beck Municipal Building, 4 South Eagleview Road, Mansfield, CT; Mansfield Public Library, 54 Warrenton Road, Mansfield, CT; and, <https://udp.c.uconn.edu/blog/>.

A public hearing on this project will be held on January 30, 2019 at 7:00 p.m. at the Dodd Centers Konover Auditorium, 405 Babbidge Road, Unit 1205, Storrs, CT. The closest public parking is in the South Garage, 2366 Jim Calhoun Way, Storrs, CT. Adjacent to the UConn Bookstore. Doors will be open at 6:30 p.m. to allow review of informational materials.

Written comments should be sent to: Sean Vasington, UConn - Planning, Design, and Construction, 31 LeDoyt Road, U-3038; Storrs, CT 06269; Fax: 860-486-5477; sean.vasington@uconn.edu
The deadline for comments is through February 8, 2019

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Colts 28, Giants 27

Mistakes cost Giants

MICHAEL MAROT
ASSOCIATED PRESS

INDIANAPOLIS — New York Giants coach Pat Shurmur watched his team go toe to toe with a playoff contender Sunday.

Then, in the final 10 minutes, everything started slipping away.

The offense committed two penalties near its goal line, forcing a punt. The defense drew two penalties, helping the Indianapolis Colts, including Andrew Luck changed the play call from a run to a pass on the goal line, not a single Giants player came close to stopping Chester

Rogers on his decisive 1-yard touchdown that gave Indy a dramatic 28-27 come-from-behind victory.

“You win or you lose and we didn’t win,” coach Pat Shurmur said. “That’s the reality, that’s the big part of this — just keep working and you keep trying to get better, and you keep trying to find ways to make plays at the end, and both sides, really all three sides.”

While the Giants (5-10) had plenty of opportunities to close out the Colts (9-6) and spoil their playoff hopes, Andrew Luck & Co. made New York pay dearly for the inability to deliver a knockout blow.

After driving to the Colts 7 early in the fourth quarter, New York could have made it a two-possession game. Instead, Denico Autry tackled Barkley for a 2-yard loss, Eli Manning was forced to throw the ball away on third down, and they wound up with a 27-yard field goal that gave the Giants a 27-21 lead.

“We knew we needed to score more points,” Manning said. “Not getting a touchdown when we were down there that last time, had to settle for a field goal, that was tough.”

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Mighty Tigers win Clipper Classic title

CHRONICLE STAFF REPORTS

PUTNAM — Abram Rosario led four players in double-figures with 24 points and was named Most Valuable Player as the Windham Tech boys basketball team defeated Putnam, 66-42, on Saturday night in the championship game of the Bank Hometown Putnam Clipper Classic.

Cole Paquin added 10 points and eight rebounds and was selected to the all-tourney team for the Mighty Tigers (3-1).

Roland Baez added 10 points while William Ruiz finished with 10 points and six rebounds.

Abram also was named to the all-academic squad for Windham Tech, which took control over the middle two quarters when they outscored the Clippers (1-3) by a 38-22 margin to take a 48-34 lead into the fourth quarter.

On Friday, Windham Tech moved into the championship game with a 64-57 victory over Parish Hill.

Rui (10 points) scored six straight points down the stretch to give the Mighty Tigers the lead and Rosario (20 points, 9 rebounds) hit two 3-pointers to seal the win.

Cyrus Sprague (23 points), Zach Mihok (19 points) and Noah Sweat (12 points) paced the Pirates, who fought back from a 19-5 first-quarter deficit to take a 53-52 lead midway through the fourth quarter.

In other games ... Parish Hill won Saturday night’s consolation game of the Bank Hometown Putnam Clipper Classic with a 59-31 victory over Tourtellotte.

Mihok (6 rebounds) scored 15 of his 22 points in the second half while Kyler Zaiomoff added 15 points and six rebounds for the Pirates (0-4) to eight made field goals.

- Jakobe Watson scored a game-high 24 points for Windham (2-1) in a 59-55



Lyman Memorial’s Zach Bazzano battles for possession of a loose ball during a recent boys basketball game against Norwich Tech. Bazzano scored 10 points in Lyman Memorial’s 74-51 Eastern Connecticut Conference inter-division loss to Griswold on Friday night. Mike Zaritheny | For the Chronicle

Eastern Connecticut Conference inter-division victory over Montville on Friday at Callaghan Gymnasium.

Devin Marquez (12 points) and Issiah English (10 points) also were in double-figures for the Whips (2-1).

- Jack Jones scored 11 points and Hayden Abdullah chipped in with eight points as E.O. Smith (1-2 overall, 0-2 league) dropped an 85-39 Central Connecticut Conference East Division consolation decision at Manchester.

- Nate Bellhorn had 14 points and RHAM took a 27-15 halftime lead en route to a 46-39 CCC East Division cross-over win at South Windsor.

Josh Boehler added 10 points for the Sachems (2-1 overall, 1-1 league).

- Zach Dunnack scored 15 points for Lyman Memorial, which fell to Griswold, 74-51, in an ECC inter-division game on Friday night in Jewett City.

Josh Perry added 11 points and Zach Bazzano had 10 points for the Bulldogs (2-1).

Nick Gileau led the Wolverines (2-1), who led 26-9 after one quarter and 46-23 at halftime, with 20 points and

dished out seven assists with five rebounds for E.O. Smith in a 62-50 CCC East Division cross-over victory over Manchester in Storrs.

Taylor Golembiewski added 13 points with four rebounds and three steals and Megan Solinsky had 10 points, five rebounds and three steals to help lift the Panthers (4-1 overall, 2-1 CCC East).

- Jaclyn Santella (17 points) made four 3-pointers and Harleigh Roach added 11 points in a 54-39 CCC East Division cross-over victory at South Windsor.

Megan Lukowski and Sam Freeman each added seven points and Marisa Lee had five points and five rebounds for the Sachems (4-1 overall, 3-1 league).

WRESTLING

Windham finished undefeated (4-0) in pool competition at the RHAM Sachem Duals and advanced to the championship final before falling to Montville, 51-18.

Elijah Vertefeuille (113/120) won four matches by pin-fall with Kevin Fantoli (126/132) winning three matches by pin and a major decision for the Whips, who defeated Gilbert (42-36), Morgan (52-27), RHAM (48-25) and Jonathan Law (78-6).

Marcos Rodriguez (160) and Luis Rodriguez (145/152) also picked up four wins. Zack Kanaitis (106), Ryan Maleryn (152), Harold Barales (170) and Alex Otera (195) all recorded pins for RHAM against Windham.

HOCKEY

Sean Power scored on the power play in the third period as the Northeastern Shamrocks dropped a 3-1 non-league decision to Woodstock Academy at the Pomfret School.

Kyle Johnson and Andrew Crawl assisted on the goal for the Shamrocks (1-2).

Derek Leshak made 34 saves in net to keep it close for the Shamrocks.

Edelman leads Pats to AFC East title

TOM KEEGAN
BOSTON HERALD

FOXBORO, Mass. — Three players were on their backs and only one, Julian Edelman, was wearing a Patriots uniform. The Bills had the numbers, but Edelman came away with the points.

Eyes to the sky, Edelman was sitting on Jordan Poyer’s left leg, and Rafael Bush was the scene of a well.

Edelman was the only of the three alert enough to know the play had not expired.

So he popped back onto his feet and sprinted the final 15 yards of a 32-yard touchdown as Poyer and Bush turned to each other with identical “What just happened there?” expressions.

Sometimes, particularly in the AFC East, you don’t have to do anything great to win your games. You just have to do your job when the guys on the other side are falling down doing theirs.

If that means reinventing yourself on a weekly basis in order to say away from the opponents’ strengths, the Patriots know how to do that, as they proved by rushing for 273 yards.

The Bills fell down plenty Sunday in losing to the Patriots, 24-12, and the Jets are entirely capable of doing the same in next Sunday’s regular season finale at Gillette Stadium.

And that’s all it will take for the Patriots to head into the AFC playoffs as

the No. 2 seed, earning a week off and at least one home playoff game.

“Feels good for now, but we still have to play a game against a tough opponent, and that’s where our minds are going to be,” Edelman said of holding the No. 2 seed for the moment.

Eagles quarterback Nick Foles, of all people, helped the Patriots move into second in the AFC hierarchy.

“Fly, Eagles, fly,” Edelman deadpanned.

After catching six passes for 70 yards, Edelman described the third-quarter play that gave the Patriots a 21-6 lead in simple terms: “Caught the ball. Fell on a guy. Got up and ran.”

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EIE Notice
UConn Northwest Science Quad
University of Connecticut, Storrs, CT

The University has prepared an Environmental Impact Evaluation (EIE) to evaluate the potential environmental impacts of the Northwest Science Quad development on an approximately 22-acre site located at the northwest corner of campus which includes the existing Lot 9, X-Lot, and L-Lot. The proposed project includes construction of an ~193,600 GSF STEM research center, a supplemental utility plant, extension of the utility tunnel from the Central Utility Plant to the site, improvements to stormwater management and construction of a woodland corridor, roadway improvements and realignment, and surface parking of approximately 180 spaces.

This document is available for public review and comment and can be obtained at one of the following locations: Mansfield Town Clerks Office, Audrey P Beck Municipal Building, 4 South Eagleville Road, Mansfield, CT; Mansfield Public Library, 54 Warrenville Road, Mansfield, CT; and, <https://updc.uconn.edu/blog/>.

A public hearing on this project will be held on January 30, 2019 at 7:00 p.m. at the Dodd Centers Konover Auditorium, 405 Babbidge Road, Unit 1205, Storrs, CT. The closest public parking is in the South Gardens, 2366 Jim Calhoun Way, Storrs, CT. Adjacent to the UConn Bookstore. Doors will be open at 6:30 p.m. to allow review of informational materials.

Written comments should be sent to: Sean Vasington, UConn-Planning, Design, and Construction, 31 LeDoyt Road, U-3038; Storrs, CT 06269; Fax: 860-486-5477; sean.vasington@uconn.edu
The deadline for comments is through February 8, 2019

Legal Notice

LEGAL NOTICE

On 12/17/18, the Mansfield Planning and Zoning Commission approved, with conditions, the Special Permit application of North Frontage, LLC for construction of multi-family residences on property owned by Zhifeng Yang and located on North Frontage Road (Parcel ID No. L8-101.22-1).

Additional information regarding these applications can be found in the Planning Office.

J. Goodwin, Chair
V. Ward, Secretary

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Trecker rings in the New Year

Continued from Page 9

glory days have gone? Notre Dame's presence in the playoff was due to two factors: An unbeaten season coupled with its "independent" status which allows the Fighting Irish to play only a partial ACC schedule. Had the Irish been held to the same standard as other conference schools, they could have been crushed by Clemson in the league title game instead. Georgia, which took Alabama to the wire in the SEC title game, gets a consolation prize, a New Year's game against Texas in the Sugar Bowl. Nice, but it hardly seems the reward for arguably the third-best team in the country. UCLA, meanwhile, slid to a

fourth straight loss Saturday, by Liberty, 73-58, at Pauley Pavilion. The Bruins' performance left their radio broadcast team virtually speechless and led to immediate "fire coach Steve Alford" internet pleas. The Bruins' previous home game had been a 74-72 loss to another mid-major, Belmont, and they carry a 7-6 non-league record into 2019. That's so far from the John Wooden days that even a GPS can't find the location. We all should know that college sports is a subsidiary of the television networks. That is never clearer than during the holidays when we are told to enjoy the "festive season" with our families while being entertained

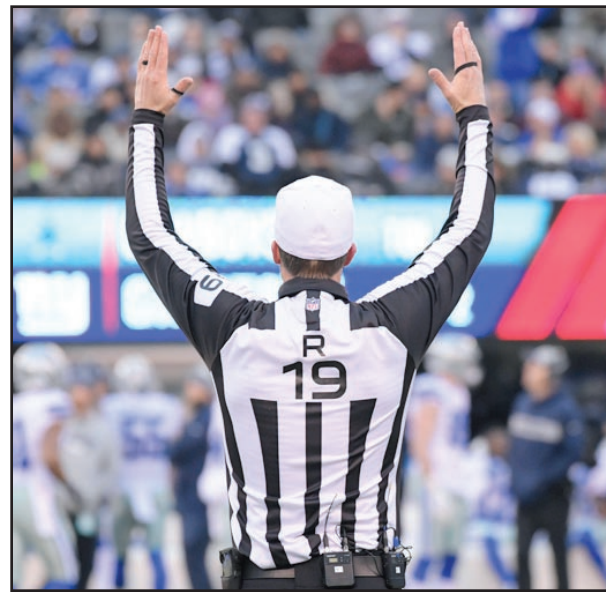
non-stop by on-the-job athletes. We understand that the NBA has made a good thing out of "owning" Christmas day on the networks and that the NHL gets much-needed attention with its New Year's Day outdoor extravaganza (this year at Notre Dame Stadium), but how can anybody justify starting the Diamond Head Classic basketball tournament game at 8 a.m. in Hawaii on Christmas Day? Right, 1 p.m. air time on the U.S. East Coast but ridiculous for the players and fans, most of whom were invisible. When will some brave college president or AD tell the TV folks that enough is enough? *Jerry Trecker has covered sports in Connecticut and across the globe for 63 years.*

ECSU hoop teams headed for home

Continued from Page 9

left as the Endicott College women's basketball team held off Eastern, 54-51, in the second game of the Salem State University Holiday Classic Sunday afternoon at Twohig Gymnasium. Eastern (7-3) out-scored Endicott (6-5) by an 11-2 margin after trailing by 10 points with 6:35 left to cut the gap to one, 52-51, with 19 seconds to go, but missed a potential game-tying free throw. Endicott grabbed the rebound and Pratt sank two free throws to make it 54-51. Led by junior forward Mya Villard's 11-of-13 marksmanship, the Warriors converted 18-of-22 free throws and out-rebounded the Gulls by nine. Eastern led by as many as six points midway through the first quarter on junior guard Sabrina LeMere's only 3-point field goal of the game, but missed its final six shots from the floor - managing only three free throws - playing catch-up until junior guard Julie Jordan sank a pair of free throws and Villard completed a 3-point play with a free

throw to give Eastern a 3-point, 33-30 lead midway through the third quarter. There were three lead changes following Villard's 3-point play before Endicott broke the seventh and final tie by scoring the final five points of the third quarter, then opened the final quarter with a 7-2 scoring run that lifted the lead to 10, 50-40, with seven minutes left. Villard had her fourth double-double in six games (missing that mark 4 other times by 1 rebound) with 19 points and 12 rebounds, moving within 21 points of 1,000 in her 3-year career and within four of 500 rebounds. Jordan had 10 points, three assists, two blocks and a career-high 15 rebounds to improve her season average in the latter category to 8.6. Senior post Kelsey Santagata chipped in eight points, six rebounds, two assists and two blocks. Eastern hosts Johnson & Wales Wednesday at 6 p.m. in the first of four straight home games and the first of six in a 7-game span.



The referee working Sunday's NFL game between the New York Giants and Dallas Cowboys signals touchdown for the Cowboys on a controversial call in the final minute. AP

Cowboys stun Giants in finale

TOM CANAVAN
ASSOCIATED PRESS

EAST RUTHERFORD, N.J. — Don't tell Dak Prescott and the Dallas Cowboys their regular season finale against the New York Giants on Sunday was a meaningless game. They played it to the end and got momentum for the playoffs. Prescott threw a 32-yard, fourth-down touchdown pass to Beasley on a play that was reversed by video replay and added a winning 2-point conversion pass to Michael Gallup with 1:12 left as the NFC East champion Cowboys rallied twice in the final 10 minutes to beat the Giants, 36-35. "You saw it out there, the intensity that we played with, the ups and the downs and how we stayed through it," Prescott said after going 27-of-44 for 387 yards and a season-high four touchdowns, three to tight end Blake Jarwin. "We stayed positive, knowing we were going to give ourselves a chance to come out on the end. It was a great win." The win was the seventh in eight games for the Cowboys and it has them looking forward to next weekend's wild card game at home. Dallas coach Jason Garrett downplayed the meaningless angle, even though he rested NFL leading rusher Ezekiel Elliott and two of his top offensive linemen. "That might be for people outside our building, talking about the meaningful or meaningless nature of a game," Garrett said. For the Giants (5-11), it was another late loss. They lost eight games by seven points or less in Pat Shurmur's first season. This also could have been quarterback Eli Manning's final start for them after a 15-year career. He has a year left on a 4-year contract but his salary will count \$23 million against the cap next season. The soon-to-be 38-year-old, who is not very mobile but still loves to play, has led New York to the playoffs once since winning the Super Bowl in February 2012. "The losses hurt and they are tough to deal with," said Manning who went 24-of-41 for 301 yards and two touchdowns. "They are tougher now than in the past because you know your opportunities are running low to make playoffs and championship runs." Saquon Barkley capped a record-setting rookie season with a sensational 2-yard touchdown drive with 3:21 to play to put the Giants ahead 35-28. However, Prescott engineered a 9-play, 70-yard drive that ended with an arching pass to Beasley that he caught in the back of the end zone. A review showed he got his knee down in bounds. **UP NEXT** Cowboys: A wild card game at home next weekend against the Seattle Seahawks. Giants: Go home and get ready for next season, with questions about Manning remaining their quarterback.

NFL

AMERICAN CONFERENCE					
East					
	W	L	T	Pct	PF PA
y-New England	11	5	0	.688	436325
Miami	7	9	0	.438	319433
Buffalo	6	10	0	.375	269374
N.Y. Jets	4	12	0	.250	333441
South					
	W	L	T	Pct	PF PA
y-Houston	11	5	0	.688	402316
x-Indianapolis	10	6	0	.600	432344
Tennessee	9	7	0	.600	310303
Kansasville	5	11	0	.313	245316
North					
	W	L	T	Pct	PF PA
y-Baltimore	10	6	0	.625	389287
Pittsburgh	9	6	1	.594	428360
Cleveland	7	8	1	.469	359392
Cincinnati	6	10	0	.375	368455
West					
	W	L	T	Pct	PF PA
y-Kansas City	12	4	0	.750	565421
x-L.A. Chargers	12	4	0	.750	504239
Denver	6	10	0	.375	329349
Oakland	4	12	0	.250	290467
NATIONAL CONFERENCE					
East					
	W	L	T	Pct	PF PA
y-Dallas	10	6	0	.625	339324
x-Philadelphia	9	7	0	.563	367348
Washington	7	9	0	.438	281359
N.Y. Giants	5	11	0	.313	369412
South					
	W	L	T	Pct	PF PA
y-New Orleans	13	3	0	.813	504353
Atlanta	7	9	0	.438	414423
Carolina	7	9	0	.438	376382
Tampa Bay	5	11	0	.313	396464
North					
	W	L	T	Pct	PF PA
y-Chicago	12	4	0	.750	421283
Minnosota	8	7	1	.531	360341
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Detroit	6	10	0	.375	324360
West					
	W	L	T	Pct	PF PA
y-L.A. Rams	13	3	0	.813	527384
x-Seattle	10	6	0	.625	428374
San Francisco	4	12	0	.250	342435
Arizona	3	13	0	.188	225425

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EASTERN CONNECTICUT REGIONAL EDUCATIONAL SERVICE CENTER

Under the provisions of the Single Audit Act of 1984, Eastern Connecticut Regional Educational Service Center has had an audit performed in accordance with generally accepted auditing standards and the requirements of the State of Connecticut Office of Policy and Management for the year ended June 30, 2018.

The audit report has been filed with the Hampton Town Clerk, and will be available for inspection by the general public on Tuesdays 9:00 a.m. to 4:00 p.m. and Thursdays from 10 a.m. to 7 p.m. at the Hampton Town Hall, P.O. Box 143, 164 Main Street, Hampton, CT; or at the Eastern Connecticut Regional Educational Service Center, 376 Hartford Turnpike, Hampton, CT., on Monday through Friday from 8:30 a.m. to 4:00 p.m. Dated 12/31/2018.

Gary S. Mala
Executive Director

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EIE Notice
UCONN Northwest Science Quad
University of Connecticut, Storrs, CT

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The deadline for comments is through February 8, 2019

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TOWN OF SCOTLAND

Notice is hereby given that a copy of the Professional Agreement between the Board of Education of Regional District Eleven and the Regional District Eleven Education Association effective July 1, 2019 through June 30, 2022 has been received and is available in the Scotland Town Clerk's Office.

Dated this 27th day of December, 2018.
Christine M. Bright
Scotland Town Clerk

CHECK OUT OUR Health & Science PAGE ON TUESDAYS

the Chronicle



Patriots earn bye

Continued from Page 9

returning from a foot injury, completed 16-of-28 passes for 167 yards, but he also had a fumble that gave New England a touchdown. In what turned out to be the final game for Jets coach Todd Bowles, New York (4-12) lost for the ninth time in 10 games. "I'm not going to talk about my job. That's been consistent since I've been here," said Bowles, who won 10 games in his first season but just 14 in the next three combined. "It's frustrating. That's our season. I wouldn't say we didn't show progress. We did show progress. We didn't win games." The Jets announced Bowles' firing a few hours after the game. Brady completed 24-of-33 passes for 250 yards and four scores overall, bouncing back from his worst performance since 2006 — a 48.3 passer rating in a 24-12 win over Buffalo. That, combined with the team's losses in Miami and Pittsburgh, again raised doubts whether the 41-year-old quarterback of the 5-time Super Bowl champions had reached the end of their run. But now they're back where they usually are: AFC East champions, a first-round bye and a team no one is eager to play in the postseason. "No matter the situation, even when it's

Schools

Continued from Page 9

Jared Swett (152/152) and Ryan Powers (152/160) won three matches by pin while Jackson Archer (126) also won three times, including a 10-0 major decision and two pins. Eamon MacMahon (113) also won twice for the Bulldogs along with Jeffrey Stober (120). Quasim Anwar (220) won twice for Coventry, which fell to Stafford (48-18), Ellis Tech (72-6) and host Killingly (77-12) at the Killingly Duals.

not looking good, everybody wants to ignore us and say we're finished," safety Duron Harmon said. "We just ignored the noise, come to fight, work hard, every week." After punting on their first possession, the Patriots scored on three straight drives. Brady hit James White for a 17-yard TD late in the first quarter, then connected with Rex Burkhead early in the second. After Elijah McGuire fumbled on the Jets' first play of the second quarter, Devin McCourty picked it up and ran it 14 yards to the eight. Five plays later, Brady scrambled right and found Phillip Dorsett in the back of the end zone to make it 21-3. New England opened a 28-3 lead in the third quarter when defensive lineman Adam Butler knocked the ball out of Darnold's arm as he raised it to throw. Kyle Van Noy picked it up and ran 46 yards for the score. Julian Edelman added a 6-yard TD catch in the fourth. "It's embarrassing," Darnold said. "It's embarrassing to go out here and lose 38-3." **UP NEXT** The Patriots will host one of three teams on Jan. 13: The Texans, Ravens or Chargers.

Attachment D – Public Hearing Presentation

Connecticut Environmental Policy Act Public Hearing

University of Connecticut Northwest Science Quad Project

Presented by:

Sean Vasington, University of Connecticut
Diane Mas, Fuss & O'Neill, Inc.

January 30, 2019

Presentation Agenda

- Purpose of Tonight's Meeting
- Project Description
 - Purpose and Need
 - Alternatives
- Potential for Impacts
- Public Comments

Purpose of Tonight's Meeting

- Provide information on the Northwest Science Quad
- Final phases of evaluation under CEPA
- Describe potential impacts and mitigation
- Solicit verbal and written comments

What is CEPA?

- Connecticut Environmental Policy Act (CEPA)
- Identify and evaluate the impacts of proposed state actions which may significantly affect the environment
- Allow for public input



CEPA Resource Considerations

Physical

- Air Quality
- Noise
- Traffic, Parking & Circulation
- Utilities & Services
- Stormwater Drainage
- Solid & Hazardous Waste
- Aesthetics
- Cultural Resources
- Energy Use & Conservation
- Construction Impacts

Natural

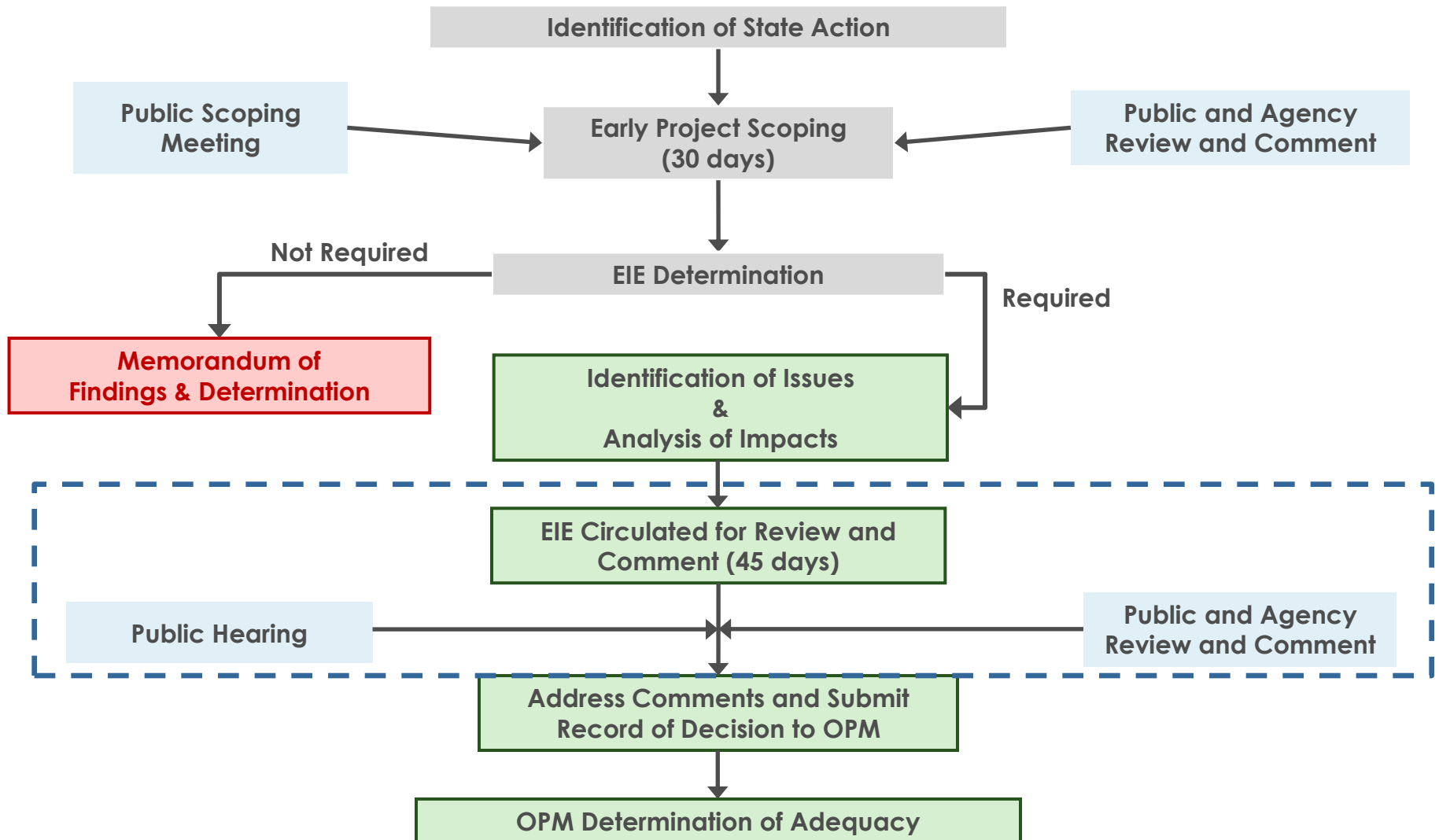
- Geology, Topography & Soils
- Surface Water
- Groundwater
- Floodplains
- Wetlands
- Fisheries
- Plants & Wildlife/
State Listed Species

Socioeconomic

- Land Use & Zoning
- State, Regional and Local Land Use Planning
- Open Space & Farmland
- Public Health & Safety
- Economy, Employment & Income
- Environmental Justice

- Direct, Indirect, Cumulative Impacts

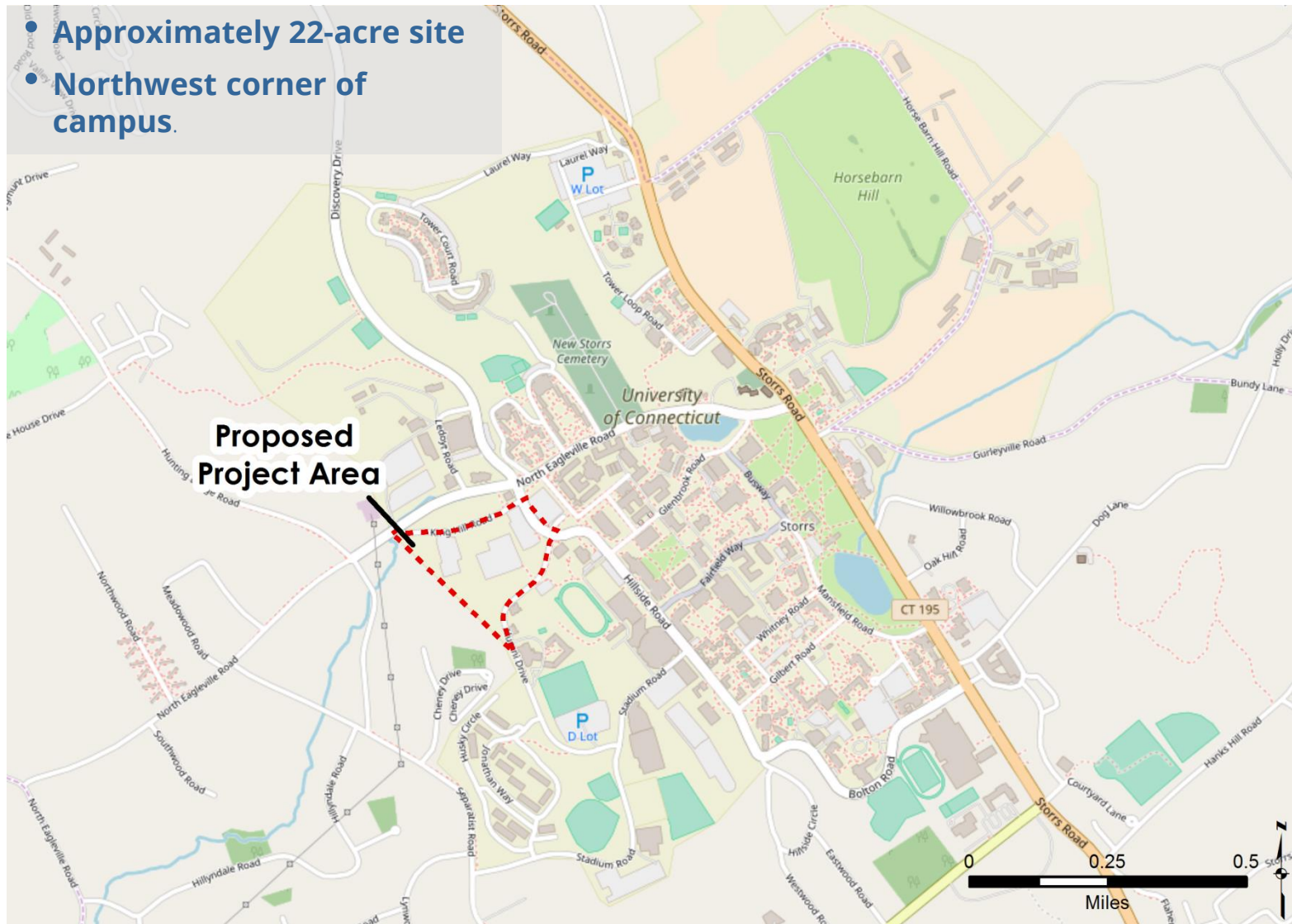
CEPA Process



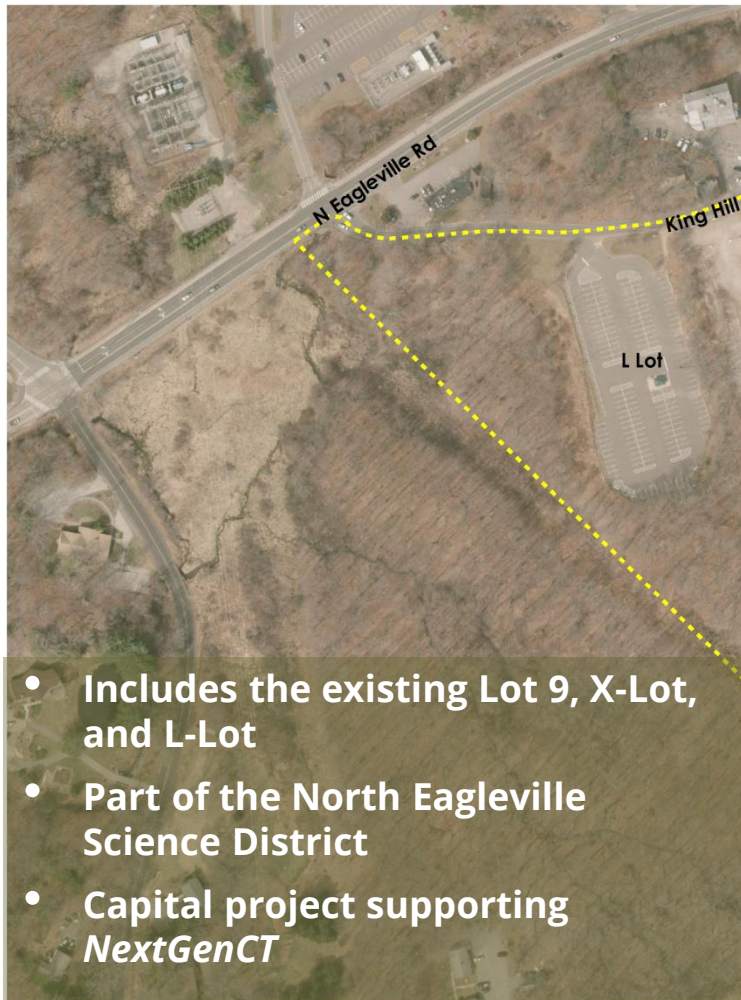
Northwest Science Quad

Project Overview

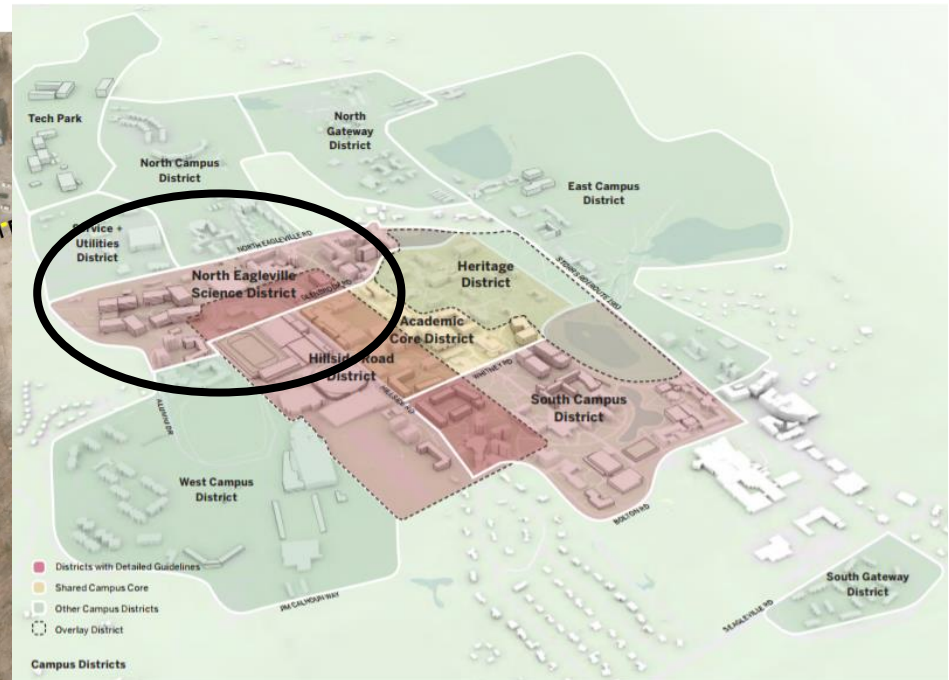
- Approximately 22-acre site
- Northwest corner of campus.



Project Overview



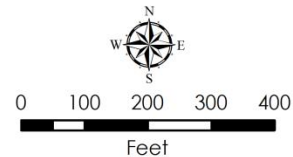
- Includes the existing Lot 9, X-Lot, and L-Lot
- Part of the North Eagleville Science District
- Capital project supporting *NextGenCT*



Northwest
Science Quad

Existing Conditions

 Proposed Project Boundary



UConn




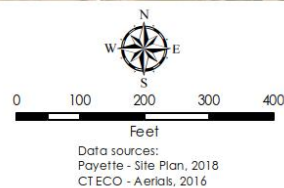
Project Overview



Northwest Science Quad

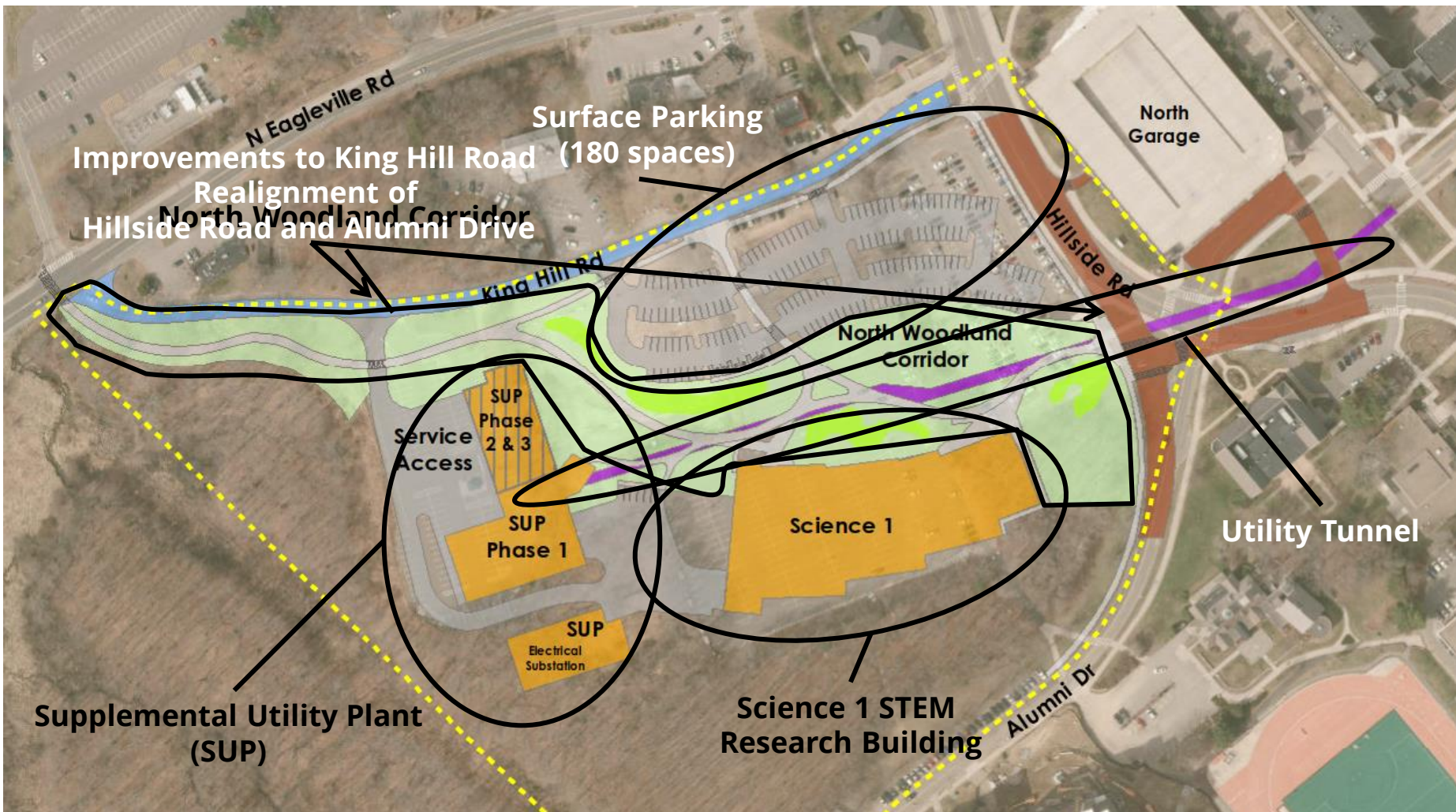
Proposed Conditions

- | | | | |
|---|-------------------|---|----------------------------|
|  | Structure |  | North Woodland Corridor |
|  | Road Realignment |  | King Hill Rd Improvements |
|  | Utility Tunnel |  | Parking and Service Access |
|  | Bioretention Cell |  | Proposed Project Boundary |



UConn

Project Overview



Project Overview

- Science 1
 - ±198,000 GSF STEM research center
 - Research, office and classroom space
 - Institute of Materials Science (IMS) (relocating) and Materials and Science Engineering (MSE)
 - Targeting LEED v4 Gold certification, conform to Connecticut High Performance Building requirements, pursuing Sustainable SITES
 - Feasibility of solar array being evaluated

Project Overview

- Supplemental Utility Plant (SUP)
 - Three phases to address near-term and long-term utility needs, LEED Silver, ~56,300 GSF at full build out
 - Phase 1 – address immediate chilled water and emergency power needs
 - 4 Chillers
 - 2 Emergency Generators
 - 50 MW Electrical Substation
 - Additional interconnection to public electrical distribution system
 - Space for boiler
 - Phase 2
 - 1 Dual Fuel Steam Boiler
 - Green roof being evaluated
 - Phase 3
 - 2 Dual Fuel Combustion Turbines

Project Overview

- Enabling Projects & Site Improvements
 - Surface parking (~180 spaces)
 - King Hill Road and Hillside Road/Alumni Drive improvements
 - Quad landscape (North Woodland Corridor) including green infrastructure (stormwater management and water quality)
 - Tunnel Extension
 - Steam
 - Condensate
 - Domestic, Fire and Reclaimed Water
 - Direct Bury Utilities
 - Sanitary sewer
 - Telecom
 - Electrical
 - Natural gas

Purpose and Need

- Purpose
 - Provide additional science, technology, engineering, and math (STEM) research and teaching facilities
 - Provide additional utility capacity on the UConn Storrs Campus
- Need
 - To support Next Generation Connecticut (NextGen CT) and Master Plan initiatives and goals
 - *Replace aging STEM space*
 - *Add STEM facility space to meet demand*
 - *Attract top-notch faculty and staff*
 - *Increase utility production and distribution capacity*

Alternatives

- No Action/No Build
- Alternative Sites
 - North Eagleville Science District (Campus Master Plan)
- Alternative Designs
 - Configuration/Elements



Resources Not Present

- No Farmland Soils
- No Sole Source Aquifers
- No Coastal Resources
- No Cultural Resources
- No State-Listed Species
- Outside of Drinking Water Supply

Resource Use Consistent with Campus

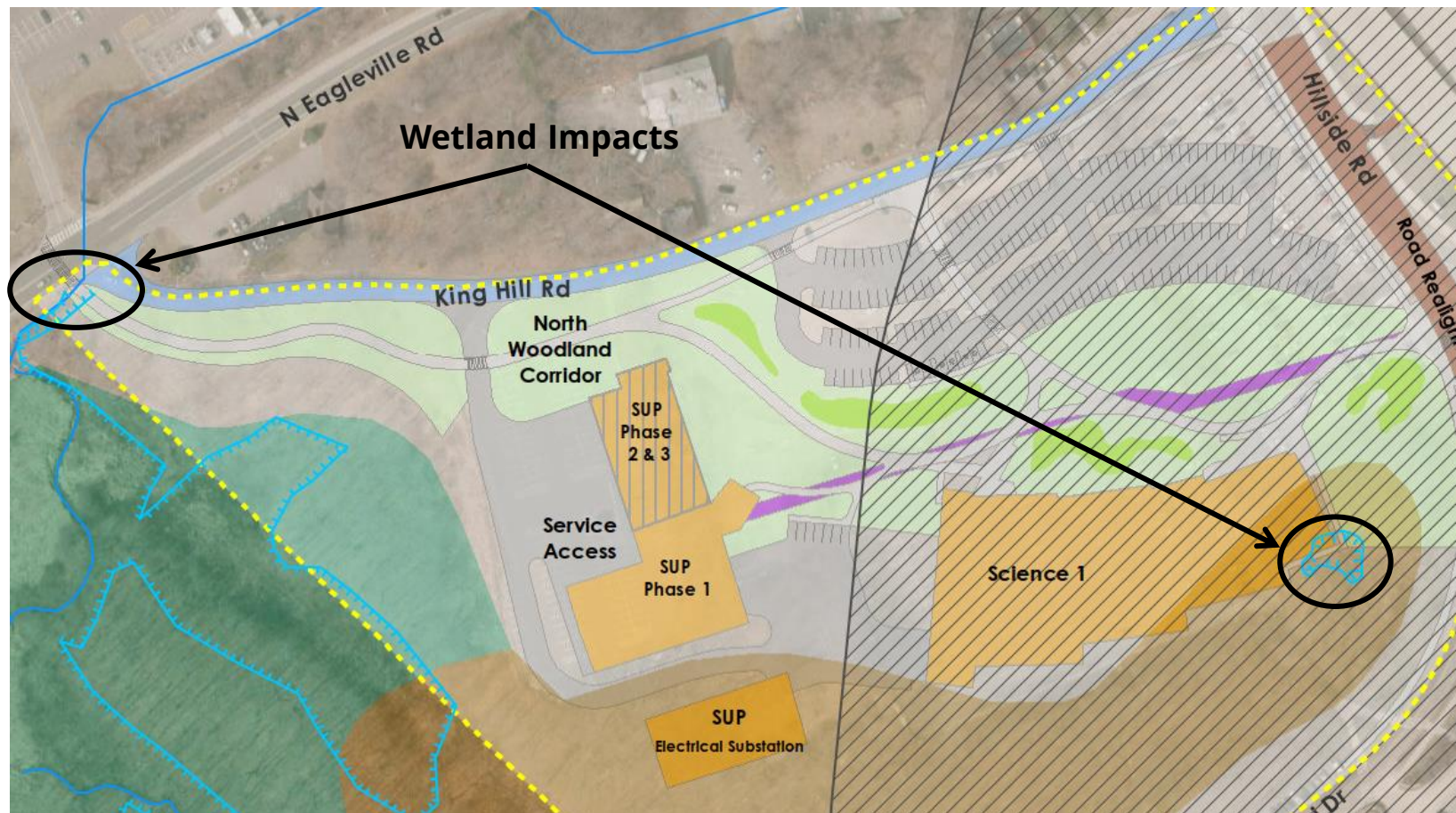
- Solid and Hazardous Waste Generation
- Noise
- Public Health and Safety
- Visual and Aesthetic Character
- Socioeconomic Factors

Natural Resources

- Water Resources
 - Anticipated net benefit to water quality and consistency with Eagleville Brook TMDL and Watershed Plan
- Threatened/Endangered Species
 - Precautionary pre-construction field review for regionally present Northern Long-Eared Bat
- Air Quality
 - New stationary sources at the SUP included in facility-wide air quality permitting
 - Strategy to phase-out aging equipment at the Central Utility Plan (CUP) and installation of new equipment at SUP and CUP for campus-wide emissions to remain below the Clean Air Act de minimis rule caps for NO_x and VOC
- Wetlands
 - ±8,500 SF of direct impact

Natural Resources - Wetlands

- ~8,500 SF of inland wetlands
- Mitigation identified through state/federal permitting



Build Environment

- Utilities

- Increased utility demand due to Science 1 (chilled water and emergency power)
- Demand offset by construction of SUP
- SUP also addresses long-term needs identified in Master Plan
- SUP increases capacity and resiliency of electrical supply, reduces use of imported electricity

- Traffic and Parking

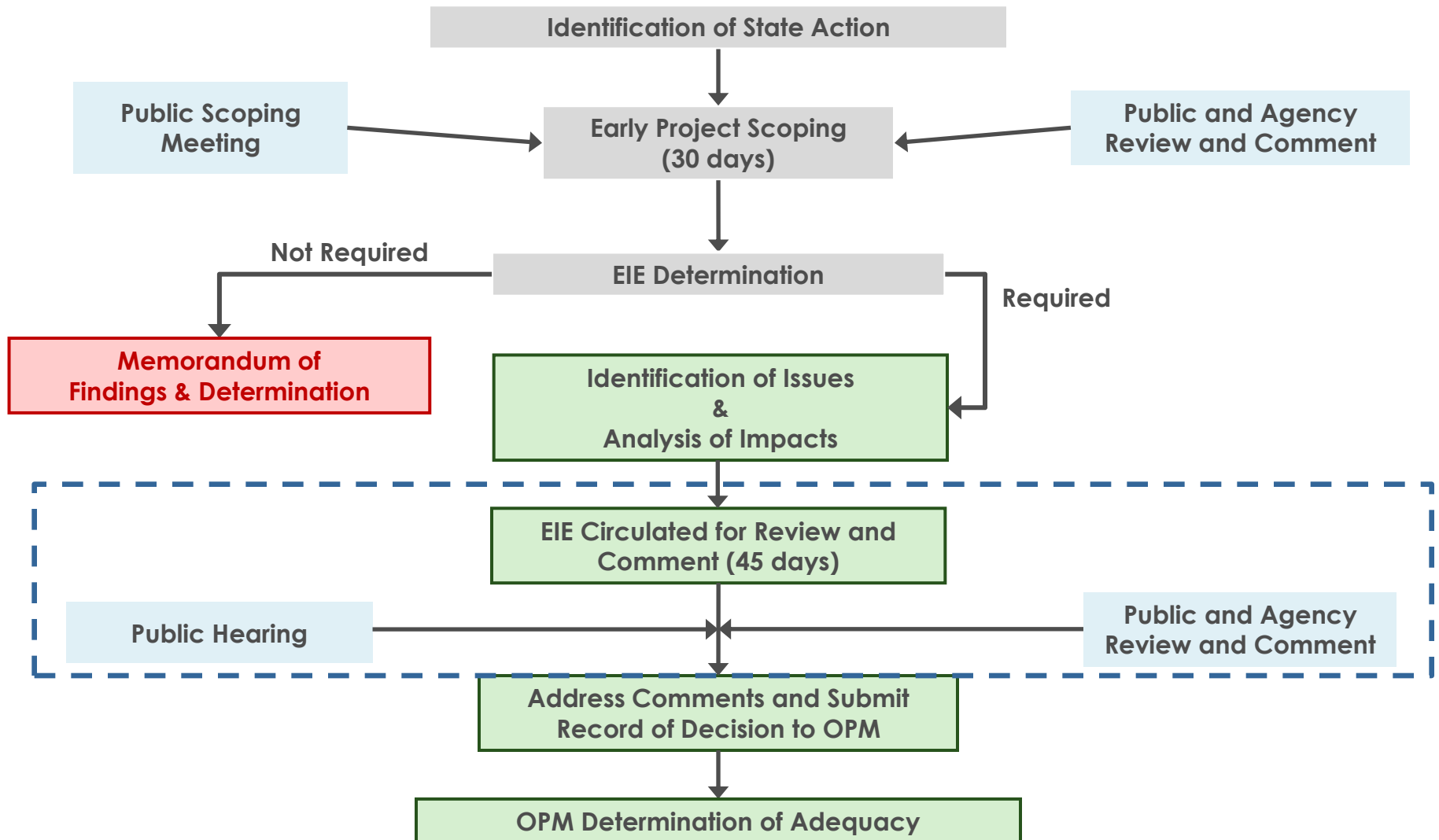
- Shift in parking from campus core to periphery (~700 spaces)
- Traffic Impact Study did not identify significant impact
- Improved pedestrian access within campus core

- Energy Use and Conservation

- Increased energy demands (Science 1) and production (SUP)
- Energy conservation in high demand areas (e.g., labs)
- LEED Gold (Science 1) and Silver (SUP)

Next Steps

CEPA Process



Schedule Milestones

Milestone	Tentative Date
Public Hearing	January 30, 2019
End of Comment Period	February 8, 2019
CEPA Record of Decision (ROD)	May 2019
Planned Start of Construction	Spring 2020

Comments

- Oral and written comments accepted tonight
- Submit comments to:

**Sean Vasington, Associate Director
UConn - Planning Design, and Construction
31 LeDoyt Road, Unit 3038
Storrs, CT 06269**

E-Mail: **sean.vasington@uconn.edu**

- **Friday, February 8, 2019** – End of Comment Period

ATTENDANCE SHEET

Northwest Science Quad
 Mansfield, Connecticut
 Connecticut Environmental Policy Act (CEPA) EIE Public Hearing
 University of Connecticut

January 30, 2019

NAME	ADDRESS	TELEPHONE/ EMAIL
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Paul Ferris	UConn 31 LeDoyt Rd	paul.ferris@uconn.edu
Diane Mas	Fuss+ O'Neill, Inc 146 Hartford Manchester Rd, Manchester, CT	dmas@fando.com

Attachment E – EIE Comments and Responses

Response to EIE Comments

CT Department of Energy and Environmental Protection (written comments from Linda Brunza, Environmental Analyst, dated February 7, 2019)		
ID	Comment	Response
DEEP1	The Summary of Impacts Table (ES-1, pg. ES-6) of the EIE, lists bioretention, disconnected impervious areas, and permeable paving as mitigating techniques to improve water quality. DEEP supports these LID techniques to manage water quality and quantity at the site as long as the design incorporates post-construction maintenance of the bioretention swales.	The EIE notes that the stormwater management system for the site will be consistent with the current edition of the CTDEEP Connecticut Stormwater Quality Manual, which includes maintenance criteria. The University of Connecticut Storrs Campus Stormwater Management Plan (https://envpolicy.uconn.edu/wp-content/uploads/sites/1389/2017/04/Storrs-Campus-Plan.pdf) further notes that “as part of the long term maintenance at the University, a maintenance plan or procedure will be developed for ensuring effectiveness of retention or detention ponds and stormwater treatment structures,” to include annual inspection and removal of accumulated sediment or other maintenance as necessary.
DEEP2	UConn is considering the use of infiltration chambers under the main parking lot. DEEP encourages the installation of infiltration chambers because, when used in combination with pre-treatment, the chambers are designed to remove 80% of the total suspended solids and 80% of oil and grease. This matches the goal of 80% removal for Stormwater and Dewatering Wastewaters from Construction Activities permit for post-construction stormwater management.	Due to the underlying soil characteristics, it has been determined that infiltration is not feasible for the project site. However, the stormwater management design will provide on-site treatment of stormwater and will meet the removal targets of the Connecticut Stormwater Quality Manual and the General Permit for Dewatering Wastewaters from Construction Activities.
DEEP3	DEEP acknowledges that the EIE recognizes the need to obtain Flood Management Certification and that if there is a potential for disturbance in the northwest section of the site, it will be addressed in the application for Flood Management Certification.	Comment acknowledged. No response required.
DEEP4	The applicant’s NDDB response from the DEEP Wildlife Division, dated January 17, 2018, stating that no negative impacts are anticipated from this project will expire January 17, 2020.	An updated review request will be filed with the Wildlife Division if the project is delayed beyond the expiration date and work has not begun by January 17, 2020.
DEEP5	Section 22a-381c of the CGS prohibits state agencies from purchasing species which appear on the Invasive Plants Council’s list of invasive or potentially invasive plants. Plant species proposed for use in the woodland corridor should be	An invasive species control plan has been developed for the site as of February 13, 2019. That plan specifies the use of native plants for consideration in all proposed plantings, as well as the need for control of invasives currently present on the site, including Asiatic Bittersweet, Autumn Olive, Garlic Mustard, Japanese Knotweed, and Multiflora Rose. The invasive species control plan also references

CT Department of Energy and Environmental Protection (written comments from Linda Brunza, Environmental Analyst, dated February 7, 2019)		
ID	Comment	Response
	checked against an updated list.	the Connecticut Invasive Plant Working Group list as the key source to consult prior to executing the field management plan. Any proposed plantings will not include those on the CT Invasive Plant List maintained by the Invasive Plants Council or those with prohibited status by state statute, and will avoid species flagged by the Council as potentially invasive.
DEEP6	Two electric vehicle charging stations have been included for the proposed new parking lot, which contains 180 spaces. DEEP recommends that 3% of parking spaces should provide electric vehicle charging stations for EV Readiness. Two additional spaces could be provided with the infrastructure installed and charging units could be purchased in the future.	Campus-wide, UConn is able to meet the current demand for EV charging stations. The two stations proposed as part of the project will provide 4 vehicle spaces for charging on the 174 spaces to be constructed at the NWSQ and the infrastructure in the project area would allow for additional stations to be installed as demand and technology evolves.

CT Council on Environmental Quality (written comments from Peter Hearn, Executive Director, dated February 7, 2019)		
ID	Comment	Response
CEQ1	The EIE carefully analyzed many potential environmental impacts of the project with regards to wetlands, natural areas, parking, traffic, and the state's Natural Diversity Data Base.	Comment acknowledged. No response required.
CEQ2	CEQ wishes to address the requirement under CEPA that states "environmental impact evaluations shall be detailed statements setting forth the following...(7) the effect of the proposed action on the use and conservation of energy resources." An aggressive CO ₂ reduction goal of 45% reduction in greenhouse gas emissions within the next 11 years was set on December 18 of 2018 by Governor's Council on Climate Change (GC3). CEQ believes this is the goal against which the Proposed Action should be judged.	Consistent with the current CEPA regulations, the EIE focused on energy conservation. However, it is important to note that UConn is on target to meet a 20% reduction in greenhouse gas emissions (GHGs) in 2020 and is targeting a 40% reduction in GHGs by 2030, which is 23 years from the baseline of 2007. This is similar to and slightly more aggressive than the 45% reduction in 29 years (baseline year of 2001) in the GC3 plan. Consequently, UConn's progress toward its GHG-reduction goals, even with the growth that has taken place on campus over the past decade, is consistent with and contributing to both UConn's Climate Action Plan targets and the State's goals for GHG reductions, including the State's 2018 Comprehensive Energy Strategy.
CEQ3	UConn's Preliminary Feasibility Study and Strategic Deployment Plan for Renewable & Sustainable Energy Projects identifies and assesses target locations for the	The Preliminary Feasibility Study and Strategic Deployment Plan for Renewable & Sustainable Energy was developed in 2011 and many things have changed since then, including the feasibility of purchasing renewable power "off the grid" through UConn's normal contract with an energy

CT Council on Environmental Quality (written comments from Peter Hearn, Executive Director, dated February 7, 2019)		
ID	Comment	Response
	development of 12 demonstration-scale renewable and sustainable energy projects for the following technologies: solar thermal, solar photovoltaic (PV), wind, fuel cells, geothermal, and biofuels. CEQ urges UConn to aggressively pursue and include these CO ₂ reduction strategies during the planning for the Science Quadrangle.	provider, or purchasing power from large-scale solar arrays, installed on- or off-campus, through a type of purchasing agreement. Under this scenario, a third party would install and operate the system, and would be responsible for maintaining the equipment. Pursuant to the goals of the Sustainability Framework (Appendix A to the 2015 Campus Master Plan) and interim Climate Action strategies, like the 2020 Vision for Campus Sustainability and Climate Leadership, UConn considers the feasibility of renewable and sustainable energy options with every capital project and major renovation. It was through just such a process that the use of rooftop PV cells was identified for this project. Consistent with the University's goals to reduce GHG emissions and promote sustainability, UConn will continue to assess the feasibility of utilizing renewable and sustainable energy on campus.
CEQ4	Biodiesel and/or fuel cells should be considered for use as alternatives to diesel to power the proposed emergency generator at the Science Quadrangle.	UConn has evaluated and will continue to evaluate the use of biofuels and/or fuel cells for projects on campus. Fuel choices depend in part on equipment requirements and fuel characteristics, including allowable storage time.
CEQ5	CEQ urges exploring the deployment of PV panels over the proposed parking areas that will be created to support the facility.	In the 2015 Campus Master Plan, the currently proposed parking lot site for the NWSQ is identified as the site of a future structure. Consistent with that planning, the parking lot is seen as temporary with the possibility for redevelopment consistent with the Master Plan at some future date. As a result, the roof of Science 1 was identified as the most feasible and preferable option for installation of PV panels as part of the Proposed Action. UConn has evaluated and will continue to evaluate the use of PV panels on and off campus.

The Mansfield Town Council and the Town of Mansfield Planning and Zoning Commission (written comments from Paul M. Shapiro, Mayor, and JoAnn Goodwin, Chair of the Planning and Zoning Commission, dated February 4, 2019)		
ID	Comment	Response
MAN1	Given that a full wetlands delineation was conducted, inclusion of that information in the EIE report would have been helpful in understanding the potential impacts and the report should be included in the future to provide full transparency on the potential impacts of the preferred alternative.	The final wetlands report was not complete at the time of the EIE's publication, however this information is included in the Record of Decision.
MAN2	At minimum, the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control should be adhered to during construction; however, newer and innovative approaches should also be considered where such measures would provide stronger protection.	As noted in the EIE, use of appropriate erosion and sediment controls consistent with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control (as amended) and the August 21, 2013 General Permit for Stormwater and Dewatering Wastewaters from Construction Activities will be adhered to during construction.
MAN3	The EIE identifies approximately 500 square feet of direct wetland impact in the vicinity of Eagleville Brook to	Design of this area is still under review by the design team and UConn. CT DEEP guidelines will be reviewed and followed where applicable. Applicable permits will be obtained if a stream crossing is

The Mansfield Town Council and the Town of Mansfield Planning and Zoning Commission (written comments from Paul M. Shapiro, Mayor, and JoAnn Goodwin, Chair of the Planning and Zoning Commission, dated February 4, 2019)		
ID	Comment	Response
	accommodate a sidewalk connection to North Eagleville Road and it appears that the sidewalk will also impact Eagleville Brook in the area where it daylights from the pipe that carries the brook under North Eagleville Road. At minimum, this stream crossing should be constructed in accordance with the CT DEEP Stream Crossing Guidelines or other similar best management practices.	pursued.
MAN4	Any required wetland mitigation should be conducted either on-site or in the abutting wetland at the western boundary of the site, as opposed to other locations on campus. Suggestions for mitigation measures include: a constructed wetland to handle the seepage currently contained by the existing isolated wetland impacted by the construction of Science 1, or a restoration project in the abutting wetlands system.	The possibility of on-site mitigation was noted in the public hearing. Final decisions regarding mitigation will be reached through the CTDEEP permitting process.
MAN5	A possible vernal pool was noted in the September 25, 2015 Wetland Report prepared by GZA and referenced in the EIE. This area needs to be fully evaluated to determine whether a vernal pool in fact exists and appropriate protections and mitigation should be considered.	<p>GZA identified a potential vernal pool outside of the project limits. It is typically recommended that there be no more than 25% disturbance within the 750-foot critical terrestrial habitat around a vernal pool. Currently, about 20% of the critical terrestrial habitat within the 750-foot critical radius of the potential pool site is “developed.” Given the distance between the potential pool and the limit of work for the NWSQ, the expansion of the developed area for the NWSQ will increase that percentage but it will likely remain below the 25% threshold.</p> <p>Of somewhat greater importance is preserving migration pathways between a vernal pool and other wetland habitats. The existing parking lots are essentially negligible upland habitat and the isolated wetland on the east side of the site is not suitable habitat. As such, there would be no migration between the potential vernal pool into the upland area and to the smaller wetland on the east of the site. Most migration will occur to the northwest, west, southwest, south and southeast.</p> <p>In sum, the proposed construction will not result in a substantial loss of critical terrestrial habitat associated with the potential vernal pool and it will not adversely affect vernal-pool dependent species from accessing quality upland or alternate wetland habitats.</p>
MAN6	Update the impact analysis to include renderings of the SUP from Hunting Lodge Road and identify appropriate mitigation measures.	A visualization of the view facing east from Hunting Lodge Road toward the project site follows this response to comments. The rendering demonstrates that the proposed site will be visually consistent with the existing campus landscape, so no mitigation is proposed. Note that foreground is not an accurate depiction of the existing or proposed foreground since existing trees, utility poles

The Mansfield Town Council and the Town of Mansfield Planning and Zoning Commission (written comments from Paul M. Shapiro, Mayor, and JoAnn Goodwin, Chair of the Planning and Zoning Commission, dated February 4, 2019)		
ID	Comment	Response
		and overhead lines that are present, and will remain, are not depicted in the rendering in order to better show the potential view of the NWSQ. The rendering is intended to provide a sense of scale of Science 1 and Phase 1 of the Supplemental Utility Plant within the existing landscape.
MAN7	Existing conditions section of the EIE should be revised to include a more comprehensive summary of economic impacts on the Town of Mansfield aside from employment.	The Proposed Action is consistent with the Next Generation Connecticut initiative, the 2015 Campus Master Plan, and the Town's Plan of Conservation and Development. The Proposed Action is not designed to expand enrollment or negatively impact Town services. An economic analysis of the impact of the initiative on the Town, dated October 2015, outlines potential economic gains and expenditure increases.
MAN8	While relocation of parking to the campus perimeter may reduce traffic demands on roads to the center of campus, additional measures are needed to reduce peak hour impacts. The Town strongly encourages the University to explore use of Traffic Demand Management practices to reduce peak hour commuting impacts on major arterials as well as local roads.	UConn is continuing its carpool and rideshare programs, as well as policies to restrict the number of residential students with cars on campus. UConn also participates in the UPass program, which currently has over 10,000 participants, and reduces commuter traffic impact by encouraging ridership on buses and trains. UConn continues to look for ways to encourage and increase use of public transit to reduce peak hour commuting impacts.
MAN9	Update mitigation measures to require installation of a traffic signal at the intersection of Route 275 and Separatist Road, which is currently operating at a LOS F. Lack of signalization combined with traffic flow creates unsafe conditions resulting in numerous accidents. This needs to be corrected prior to construction as construction traffic as well as improvements to the sports complex will result in further deterioration of traffic management at this intersection.	<p>There were a total of 8 crashes at the Route 275 and Separatist Road intersection in the 3-year study period. This is not an unexpected number for this type of intersection. As noted in the Traffic Impact Study, data on 24-hour volumes are required to determine whether a signal is warranted. However, based on the peak hour volumes, it is doubtful that the intersection would warrant a signal.</p> <p>Traffic volumes are projected to decrease as a result of the parking changes included in the Proposed Action. Because Route 275/S. Eagleville Road is a state road, CTDOT would have to approve installation of a signal. The Town can request that CTDOT include this intersection in their annual signal projects, however in that case, the Town would be responsible for part of the cost.</p> <p>This intersection will be evaluated further in 2019 as part of the Environmental Impact Evaluation process for the proposed hockey arena on Jim Calhoun Way.</p>
MAN10	Update the impact analysis and identify appropriate mitigation for the loss of 195 parking spaces proposed as part of this project.	First, to confirm - a recently completed count of parking spaces on Lot 9, X-Lot and L-Lot determined a total of 1053 spaces. The newly constructed parking lot on Parcel D on Discovery Drive includes 705 spaces and the NWSQ design currently includes 167 spaces at Science 1 and 7 spaces at the SUP. This means the net reduction in spaces compared to the current parking lot condition is 174 spaces. However, even with that net reduction, UConn has the capacity to accommodate the existing parking demand on campus. This is due in part to the prohibition of overnight parking on designated commuter lots. As a result, no significant impact to available parking in anticipated and no additional

The Mansfield Town Council and the Town of Mansfield Planning and Zoning Commission (written comments from Paul M. Shapiro, Mayor, and JoAnn Goodwin, Chair of the Planning and Zoning Commission, dated February 4, 2019)		
ID	Comment	Response
		mitigation beyond that already identified in the EIE is proposed.
MAN11	Address previous concerns expressed by the Town of Mansfield with regard to impact on off-campus parking demand and potential neighborhood impacts.	Lot 9, X-Lot and L-Lot are currently commuter and employee parking lots. With the construction of the 174 spaces at the NWSQ for employee parking and the construction of the commuter parking lot on Parcel D, there will be no significant change in the number or type of users parking in this area of the campus. For these parking users, there would be no benefit to parking outside the campus and therefore, no impact to off-campus parking demand is anticipated.
MAN12	Update existing conditions summary and impact analysis to address actual event parking conditions. Current language indicates that visitors are directed to garages but makes no mention of existing use of the surface lot for event parking.	The University has implemented a Special Event Traffic Management Plan for the Fall 2018 semester with updates in Fall 2020 and thereafter. The plan addresses the peak traffic operations with special events held at Gampel and Jorgenson Auditorium. The plan includes extensive traffic management of inbound and outbound traffic to parking facilities around Gampel Pavilion and Jorgenson Auditorium. The implemented plan has shown improved traffic operations before, during and after these University events. The event parking impacts associated with the closure of Lot N (formerly Lot 9) during the NWSQ development period are accommodated by the plan.
MAN13	Address whether the new surface lot will be available for mobility-impaired visitors for event parking.	Accessible parking will be available in the Northwest Science Quad parking lot, as noted in the EIE. Additional accessible parking for events is located nearby in the North Garage, as well in other facilities served by shuttles.
MAN14	Update impact analysis to provide specific details on location of proposed change from two-way traffic to one-way traffic on King Hill Road, impacts of the proposed change, and appropriate mitigation measures.	The comment suggests that there would be a complete change from two-way to one-way traffic along the length of King Hill Road. That is not case. This project consists primarily of physical improvements to King Hill Road. The change of a portion of the road to one-way was proposed in the Master Plan and the traffic impact study (TIS) assumed that to be the future case. As such, the potential for traffic impacts has been assessed as reported in the EIE.
MAN15	Revise the existing conditions summary to clarify actual sanitary sewer plant capacity and timing of plant improvements to restore 3.0 MGD capacity.	As noted in the EIE, the actual WPCF sanitary sewer plant capacity, based on design and permitted capacity, is 3.0 MGD. The current ability to treat sludge reduces the available capacity to 2.2 MGD. The WPCF is currently operating under available capacity at an average discharge rate of approximately 1.1 MGD. Additional improvements to the plant are not planned to be implemented at this time. (See also the response to comment MR2.)
MAN16	Update impact analysis to revise wastewater flow assumptions to be 100% of potable water use based on use of reclaimed water and to address how the composition/strength of wastewater from Science 1 may impact treatment and plant capacity.	Our reading of the comment is that it is asking if the use of reclaimed water has been accounted for in the design. It has; the project will be designed to address all the wastewater generated by Science 1 and the amount of potable water used will be reduced by whatever volume of reclaimed water is used in the building. The composition/strength of the wastewater from Science 1 is anticipated to be typical of wastewater from other similar facilities on campus and will not impact treatment. All waste streams from Science 1 will be in compliance with the current UConn wastewater regulations. As mentioned above, no impact to WPCF capacity is anticipated.

The Mansfield Town Council and the Town of Mansfield Planning and Zoning Commission (written comments from Paul M. Shapiro, Mayor, and JoAnn Goodwin, Chair of the Planning and Zoning Commission, dated February 4, 2019)		
ID	Comment	Response
MAN17	Update the impact analysis to address the off-campus drainage impacts posed by the upsizing of the existing 24-inch drainage line at the north corner of the site and work with the Town Engineer to identify and implement appropriate mitigation measures.	There is no existing 24-inch drainage line identified in that location and no upsizing of the existing 18-inch line is proposed. Should that change, UConn will make appropriate notifications.
MAN18	The Town strongly supports the installation of alternative energy systems such as the rooftop solar array being considered for Science 1 and encourages the University to fully explore other potential sites for installation of renewable energy systems to reduce reliance on fossil fuels and demand on both the existing Central Utility Plant and proposed Supplemental Utility Plant.	Noted. UConn considers the feasibility of renewable and sustainable energy options with every capital project and major renovation. It was through just such a process that the use of rooftop PV cells was identified for this project. Consistent with the University's goals to reduce GHG emissions and promote sustainability, UConn will continue to assess the feasibility of utilizing renewable and sustainable energy on campus.

Meg Reich, of 343 Bassetts Bridge Road, Mansfield Center, CT (provided verbal and written comments, dated January 30, 2019)		
ID	Comment	Response
MR1	Sewer section of the EIE is not as extensive or current as it needs to be and can only be updated via personal interviews with UConn and Town staff who know its status. There was a groundbreaking ceremony for a new sewer connection to UConn WPCF that took place on November 8, 2018, and there is a new connection from the Mansfield Town project at the intersection of Route 195 and Route 44.	Information pertinent to the potential impact of the Northwest Science Quad on availability of sewer utility services is provided in the EIE. For additional information on the Four Corners Sewer Project, please see: http://www.mansfieldct.gov/FourCorners
MR2	There have been recent improvements to WPCF sludge treatment capacity, so capacity is no longer limited.	Priority 1 repairs were completed to the WPCF to ensure it met current, near horizon needs for UConn and Mansfield. Further Priority 2 repairs have been designed but not implemented due to funding recessions occurring state-wide. This constraint mandates a "just in time" approach toward further capacity restoration efforts as we address the additional significant infrastructure needs of the campus..
MR3	A list of future connections should include Depot Campus reuse and redevelopment, other UConn projects, an assisted living facility near the Town Senior Center, and	The agreement with the Town includes a cap on the total volume for future connections that accounts for the anticipated wastewater treatment needs of the UConn campus and Town of Mansfield known projects. Therefore, as stated in the EIE, with the available capacity, there is no

Meg Reich, of 343 Bassetts Bridge Road, Mansfield Center, CT (provided verbal and written comments, dated January 30, 2019)		
ID	Comment	Response
	possible requests to connect the apartment complexes beyond the Four Corners sewer service area (i.e. Willington Oaks).	anticipated direct or cumulative impact on provision of wastewater collection or treatment as a result of the Proposed Action.
MR4	The Parking Services count in the EIE states that there are 1,053 parking spaces in the existing lots on the Northwest Science Quad site. 705 new spaces are proposed for the Parcel D/Discovery Drive Lot. This leaves a shortfall of 348 too few spaces provided. 350 more spaces are needed.	As discussed in the response to Comment MAN10 above, a recently complete count of parking spaces on Lot 9, X-Lot and L-Lot determined a total of 1053 physical spaces. The new parking lot on Parcel D on Discovery Drive includes 705 spaces and the NWSQ design currently includes 167 spaces at Science 1 and 7 spaces at the SUP. This means the net reduction in spaces compared to the current parking lot condition is 174 spaces, not 348 as the comment states. However, even with that net reduction of 174, UConn has the capacity to accommodate the existing parking demand on campus. This is due in part to the prohibition of overnight parking on designated commuter lots. As a result, no significant impact to available parking is anticipated and no additional mitigation beyond that already identified in the EIE is proposed.
MR5	The EIE reports inconsistent values for the number of existing parking spaces on the project site. Some parts indicate 1,053 spaces, while other parts of the report say there are currently 900 parking spaces in the 3 lots (Lot 9, X-Lot, and L-Lot).	To clarify, the total number of physical spaces is 1053; the number of effective spaces is approximately 900.
MR6	Appendix E-Traffic Impact Study does not address parking except to say "It will be relocated to other areas of the campus."	The primary intent of the traffic study was to address the impact of the Proposed Action on traffic movement in the area. To that end, the traffic impact study addresses the new travel paths that will arise from the relocation of parking. Parking issues are directly addressed in the body of the EIE. In addition, the CEPA process for the development of a parking lot on Parcel D along Discovery Drive (now under construction) addressed the relocation of the majority of parking to that site.
MR7	EIE says the Eagleville Brook Watershed Advisory Team will review the project to implement the Watershed Management Plan. Please add me to the Team meetings and notices. I am president of Willimantic River Alliance and all stormwater from this project will flow to Eagleville Brook, a tributary of the Willimantic River.	An introduction of the commenter to the chairperson of the Eagleville Brook Watershed Advisory Group has been made.

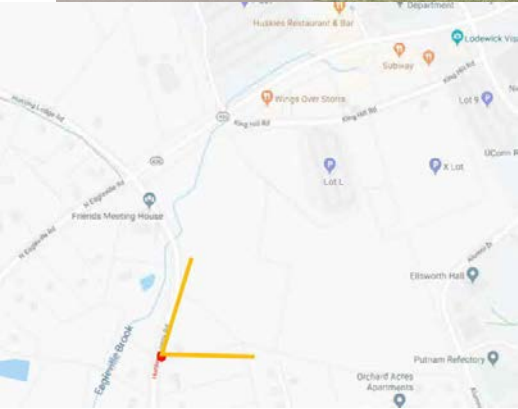
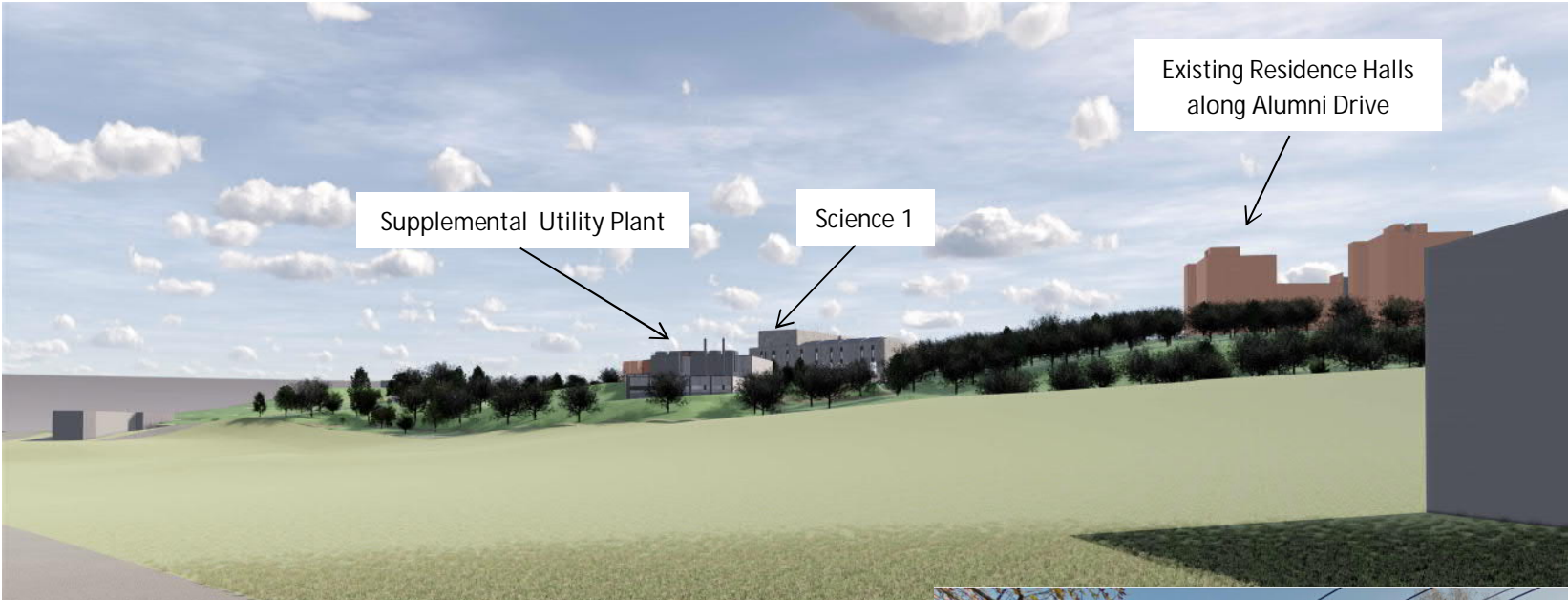
Anji Seth, Department of Geography, University of Connecticut (provided written comments, dated February 7, 2019)		
ID	Comment	Response

Anji Seth, Department of Geography, University of Connecticut (provided written comments, dated February 7, 2019)		
ID	Comment	Response
AS1	As a STEM scientist, I am supportive of the University plans for a new NW Science Quad. The LEED Gold target certification for Science 1 is to be lauded, as is the possibility of installing a solar array on its roof.	Noted. UConn considers the feasibility of renewable and sustainable energy options with every capital project and major renovation. It was through just such a process that the use of rooftop PV cells was identified for this project. Consistent with the University's goals to reduce GHG emissions and promote sustainability, UConn will continue to assess the feasibility of utilizing renewable and sustainable energy on campus.
AS2	The plans for the NW Science Quad call for the development of a Supplemental Utility Plant (SUP) which is expected to include 16 MW from two gas combustion turbines, 4 MW from two diesel generators, a large steam boiler, and auxiliary equipment. The SUP would further invest UConn in substantial new fossil fuel dependent energy infrastructure at a time when a major ramp down is required by 2030 in order to meet our stated objectives of net zero CO ₂ emissions by 2050.	It's important to also note that cogeneration and trigeneration systems in general ultimately reduce GHG emissions and carbon footprint compared to single or stand-alone generation systems by enabling capture of heat that would otherwise be lost as waste and incorporating steam production as a by-product. The SUP, and in particular the phasing of its construction, is critical to allow the phased replacement of aging and less efficient boilers in the Central Utility Plant (CUP). Because of its criticality to generation replacement, the SUP is vital to maintaining utility capacity while increasing efficiency. Therefore, the phased construction of the SUP and removal of aging equipment at the CUP is integral to moving UConn toward the 2050 emissions goals noted in the comment. In addition, the installation of 4 MW of emergency power to be installed at the SUP will provide emergency power for several locations on campus, avoiding the need to install stand-alone generators at each location, and consequently, minimizing potential emissions while addressing emergency power needs.
AS3	I have grave concerns that the proposed SUP will jeopardize UConn's standing as a leader on climate action and our ability to achieve the stated goals. My recommendation is that a commission of faculty, staff, students, and administrators with relevant forward-looking expertise (energy, finance, climate, policy, law, etc) and interest in this issue examine and provide guidance on UConn's energy/climate operational plans for 2025-2030 and out to 2050.	The comment and recommendation is noted. UConn recognizes the benefits of such an approach and the recommendation for the SUP emerged from the development of the Utility Framework Master Plan. A collaborative approach with a focus on forward-looking goals such as the one recommended in the comment was central to the development of the 2015 Utility Framework Master Plan which specifically focused on providing "capacity for future development in conjunction with UConn's sustainability goals and commitment to climate neutrality by 2050." In addition, as noted in the EIE, UConn has several ongoing energy efficiency and sustainability initiatives in place at the Storrs campus, several of which deal with energy/climate operational plans, including the UConn Climate Action Plan and 2020 Vision for Campus Sustainability and Climate Leadership. The UConn Sustainability Office in the Office of Environmental Policy will continue to be a central point of coordination for ongoing collaboration on climate action and sustainability.

CT Department of Public Health, Drinking Water Section (provided written comments from Eric McPhee, Supervising Environmental Analyst, dated February 8, 2019)			
ID	Comment	Response	
DPH1	The EIE addresses the comments that the Drinking Water Section provided during the Scoping period.	Comment acknowledged. No response required.	COMPLETE

Response to Comment MAN6 (continued):

Rendering of View of the Proposed Northwest Science Quad from near 43 Hunting Lodge Road.



The location (red dot) and orientation (between orange lines) of rendering view.



Existing street view at from Hunting Lodge Road, looking northeast toward the NWSQ site.

To: Mr. Sean Vasington, Associate Director, Planning, Design, and Construction
University of Connecticut, 31 LeDoyt Road, Unit 3038, Storrs, CT 06269

From: Linda Brunza- Environmental Analyst

Telephone: 860-424-3739

Date: 2/7/2019

Email: Linda.Brunza@ct.gov

Subject: Scoping Notice for Environmental Impact Evaluation for University of Connecticut Northwest Science Quadrangle.

Comment
ID

The Department of Energy and Environmental Protection (DEEP) has received the Notice of Scoping for the Environmental Impact Evaluation (EIE) prepared by Fuss & O'Neill for the University of Connecticut's Northwest Science Quadrangle. DEEP submitted comments dated December 22, 2017 to the scoping notice for this project. The project consists of a STEM Research Center, a Supplemental Utility Plant, parking, road modifications, and storm drainage infrastructure.

Water Resources

The proposed project is in the contributing drainage area of Eagleville Brook. The EIE recognizes the impaired status of Eagleville Brook and the Eagleville Watershed Management Plan. The EIE states that the management techniques proposed will improve water quality compared to existing conditions. The EIE recognizes DEEP's Stormwater Quality Manual and states that the project will be consistent with the manual for stormwater management systems. Stormwater design is still in the preliminary stages during CEPA review. The EIE lists conceptual measures that could be utilized to mitigate impacts of increased flows. As noted in DEEP's scoping comments, stormwater management certification will require that peak flows leaving the site are not increased from existing conditions for all storms up to and including the 100-year event. The EIE states that impervious cover will not increase and that using low impact development (LID) techniques and green infrastructure will result in a 2-4% overall decrease in total volume of stormwater runoff and peak flows and improve water quality. The proposed replacement of an undersized 24" pipe and the addition of hydrodynamic separators along with the proposed bioretention areas will be reviewed during the permitting phase of the project.

DEEP1

The Summary of Impacts Table (ES-1, pg. ES-6), lists bioretention, disconnected impervious areas, and permeable paving as mitigating techniques to improve water quality. DEEP supports these LID techniques to manage water quality and quantity at the site as long as the design incorporates post-construction maintenance of the bioretention swales. Proper maintenance is critical to maintain the effectiveness of bioretention areas long term. In addition, UConn is considering the use of infiltration chambers under the main parking lot. DEEP encourages the installation of infiltration chambers because, when used in combination with pre-treatment, the chambers are designed to remove 80% of the total suspended solids and 80% of oil and grease.

DEEP2

This matches the goal of 80% removal for the Stormwater and Dewatering Wastewaters from Construction Activities permit for post-construction stormwater management.

Flood Management

The EIE recognizes the need to obtain Flood Management Certification in accordance with section 25-68b of the CGS. The EIE notes that although FEMA maps show a portion of the project area in the northeast section is within a 100-year floodplain, that this portion of Eagleville Brook is culverted. The portion of Eagleville Brook in the northwest section will remain pervious. The EIE states that if there is a potential for disturbance in the northwest section, it will be addressed in the application for Flood Management Certification.

DEEP3

Natural Diversity Database

The applicant received a response from the Wildlife Division dated January 17, 2018, stating that no negative impacts are anticipated from this project. The determination expires January 17, 2020. The EIE states that native plants and trees will be established through this woodland corridor. This is consistent with state regulation, which states that while developing a landscaping plan for this project, only native species or non-invasive ornamental species should be used. The Invasive Plants Council, established by section 22a-381 of the Connecticut General Statutes (CGS), updates a list of plants considered to be invasive or potentially invasive. Invasive plants are non-native or exotic species introduced by human activity that rapidly disperse and establish, displacing native plants and altering ecological processes like fire occurrence and nutrient cycling. Due to their rapid growth, efficient means of seed dispersal, and tolerance of a wide range of environmental conditions, invasive plants outcompete with native species for sunlight, nutrients, and space. Species on this list should not be utilized in landscaping. Section 22a-381c of the CGS prohibits state agencies from purchasing such species listed by the Council.

DEEP4

DEEP5

EV Readiness

UConn has included two electric vehicle charging stations for the proposed new parking lot containing 180 spaces. DEEP recommends 3% of parking spaces be set aside for EV readiness, or approximately four spaces for this development. The additional two spaces could be made with the infrastructure installed and the charging units could be purchased in the future. This early preparation is more economical than disturbing the parking area to extend electricity to the parking spaces. Increasing the availability of public charging stations will facilitate the introduction of electric vehicle technology into the state and serve to alleviate the present energy dependence on petroleum and improve air quality.

DEEP6

Thank you for the opportunity to review the Environmental Impact Evaluation. Feel free to contact me if you have any questions concerning these comments.

cc: Robert Hannon, DEEP/ OPPD



COUNCIL ON ENVIRONMENTAL QUALITY

Susan D. Merrow
Chair

Alicea Charamut

Lee E. Dunbar

Karyl Lee Hall

Alison Hilding

Kip Kolesinskis

Matthew Reiser

Charles Vidich

Peter Hearn
Executive Director

February 7, 2019

Mr. Sean Vasington, Associate Director
UConn - Planning Design, and Construction
31 LeDoyt Road, Unit 3038,
Storrs, CT 06269

RE: Environmental Impact Evaluation for Northwest Science Quadrangle at the University of Connecticut, Storrs Campus

Dear Mr. Vasington:

The Council on Environmental Quality has reviewed the Environmental Impact Evaluation (EIE) for the proposed construction of the Northwest Science Quadrangle. The Council notes that the EIE carefully analyzed many potential environmental impacts of the project with regard to wetlands, natural areas, parking, traffic and the state's Natural Diversity Data Base.

The Connecticut Environmental Policy Act (CGS 22a-1b(c)) states "environmental impact evaluations shall be detailed statements setting forth the following... (7) the effect of the proposed action on the use and conservation of energy resources". It is this aspect of the proposed facility that the Council wishes to address.

The need for action to address climate warming has become more immediate among the general public and in State government policies. As evidence, the new science building, which is the subject of the EIE, is to be built to be compliant with the LEED Silver standard. The University of Connecticut (UConn) has set a goal of attaining a carbon neutral campus by 2050. It has also outlined a strategy to meet that goal in the UConn Climate Action [Plan](#).

An aggressive CO2 reduction goal was set on December 18 of 2018 when the Governor's Council on Climate Change (GC3) released recommendations for achieving the State's goals for CO2 reduction. Its goal is a forty-five percent reduction in greenhouse gas emissions within the next eleven years. The Council believes that this the goal against which this project should be judged.

The EIE makes the point that UConn's Preliminary Feasibility Study and Strategic Deployment [Plan](#) for Renewable & Sustainable Energy Projects identifies and assesses target locations for the development of twelve demonstration-scale renewable and sustainable energy projects for the following technologies: solar thermal, solar photovoltaic (PV), wind, fuel cells, geothermal, and biofuels.

Comment
ID

CEQ1

CEQ2

CEQ3

The Council urges UConn to aggressively pursue and include those CO2 reduction strategies during the planning for the Science Quadrangle. For example, the EIE describes an emergency generator for the building that will run on diesel. In UConn's Climate Action Plan the use of biodiesel in campus vehicles is recommended as a CO2 reduction strategy. Biodiesel is not a totally clean fuel, but its use as an alternative fuel for the emergency generator at this facility needs to be considered. Fuel cells, also, are not totally clean because of their dependence on natural gas. The use of these technologies (biodiesel or fuel cells) as alternatives to diesel to power emergency generation at the Science Quadrangle should be evaluated with regard to their efficacy in achieving the State's forty-five percent goal.

CEQ4

The EIE for the Northwest Science Quadrangle recommends investigating the use of photovoltaics on the building to supplement energy supply. Simultaneous with the construction of the science building, 180 new parking spaces are being created at the site. Council urges exploring the deployment of PV panels over the parking areas that will be created to support the facility.

CEQ5

If you have any questions about these comments that urge an accelerated approach to implementing CO2 reduction strategies, please do not hesitate to ask.

Sincerely,



Peter Hearn
Executive Director

TOWN OF MANSFIELD



Paul M. Shapiro, Mayor

AUDREY P. BECK BUILDING
FOUR SOUTH EAGLEVILLE ROAD
MANSFIELD, CT 06268-2599
(860) 429-3330
Fax: (860) 429-6863

February 4, 2019

Mr. Sean Vasington
UConn-Planning, Design and Construction
31 LeDoyt Road, U-3038
Storrs, Connecticut 06269

Via email: sean.vasington@uconn.edu

Subject: Northwest Science Quadrangle Environmental Impact Evaluation (EIE)

Dear Mr. Vasington

The Mansfield Town Council and Planning and Zoning Commission offer the following comments and recommendations with regard to the proposed Northwest Science Quadrangle Environmental Impact Evaluation.

Comment ID

- **Wetlands.** The following comments are provided based on the information that was made available as part of the EIE. Given that a full wetlands delineation was conducted, inclusion of that information in the EIE report would have been helpful in fully understanding the potential impacts of this project. We encourage the University to include this information in the future to provide full transparency on the potential impacts of the preferred alternative.
- *Erosion and Sedimentation Control.* Given the extensive construction anticipated and proximity to Eagleville Brook and a sensitive wetland system to the west of the project site, use of best management practices for erosion and sedimentation control is imperative to protect water quality in Eagleville Brook and downstream water bodies. At minimum, the *2002 Connecticut Guidelines for Soil Erosion and Sediment Control* should be adhered to during construction; however, newer and innovative approaches should also be considered where such measures would provide stronger protection.
- *Stream Crossing.* The EIE identifies approximately 500 square feet of direct wetland impact in the vicinity of Eagleville Brook to accommodate a sidewalk connection to North Eagleville Road. Given the small size of the conceptual site plan, it appears that the sidewalk will also directly impact Eagleville Brook in the area where it daylights from the pipe that carries the brook under North Eagleville Road. At minimum, this stream crossing should be constructed in accordance with the [CT DEEP Stream Crossing Guidelines](#) or other similar best management practices.

MAN1

MAN2

MAN3

- *Wetland Mitigation.* While direct wetland impacts are identified, the EIE notes that mitigation of these impacts will be determined during the permitting process. Given the large wetland system abutting the western boundary of the site, any mitigation should either be conducted on-site or in the abutting wetland as opposed to other locations on campus. Suggestions for potential mitigation measures include but are not limited to:
 - Addition of a constructed, functional wetland to handle the seepage currently contained by the existing isolated wetland impacted by the construction of Science 1
 - A restoration project in the wetlands system located west of the project site. Conservation Commission members noted the presence of invasive species in this system as well as recent impacts of tree removal efforts associated with the power line easement that runs through the wetland.
- *Vernal Pool.* The EIE identifies a possible vernal pool location in in the September 25, 2015 Wetland Report prepared by GZA. As wetland delineation mapping was not provided in the EIE, we were not able to identify the actual location of this possible vernal pool. This area needs to be fully evaluated to determine if in fact a vernal pool does exist and appropriate protection and mitigation should be considered.
- **Visual and Aesthetic Character.** Update the impact analysis to include renderings of the SUP from Hunting Lodge Road Extension and identify appropriate mitigation measures.
- **Socioeconomics.** The existing conditions section should be revised to include a more comprehensive summary of economic impacts on the Town of Mansfield aside from employment.
- **Traffic, Parking and Transportation.**
 - *Traffic.* While the relocation of parking to the campus perimeter may reduce traffic demands on roads to the center of campus, additional measures are needed to reduce peak hour impacts. The Town strongly encourages the University to explore use of Traffic Demand Management practices to reduce peak hour commuting impacts on major arterials as well as local roads.
 - *South Eagleville Road/Separatist Road Intersection.* Update mitigation measures to require installation of a traffic signal at the intersection of Route 275 and Separatist Road. As noted in the EIE, this intersection is currently operating at a LOS F. In addition to significant delays at peak hour, the lack of signalization at this intersection combined with traffic flow creates unsafe conditions resulting in numerous accidents. This situation needs to be corrected prior to construction of the Northwest Science Quad as construction traffic associated with this project as well as improvements to the sports complex will result in further deterioration of traffic management at this intersection.
 - *Parking.* Update the impact analysis and identify appropriate mitigation for the loss of 195 parking spaces proposed as part of this project. This analysis should also address previous concerns expressed by the Town of Mansfield with regard to impact on off-campus parking demand and potential neighborhood impacts (See December 21, 2017 letter from Planning and Zoning Commission)
 - *Event Parking.* Update existing conditions summary and impact analysis to address actual event parking conditions. Current language indicates that visitors are currently directed to garages and this practice will continue, but makes no mention of the existing use of the surface lot for event

MAN4

MAN5

MAN6

MAN7

MAN8

MAN9

MAN10

MAN11

MAN12

parking. The parking analysis should reflect actual conditions and address whether the new surface lot will be available for mobility-impaired visitors.

MAN13

- *King Hill Road.* Update impact analysis to provide specific details on location of proposed change from two-way traffic to one-way traffic on King Hill Road, impacts of the proposed change and appropriate mitigation measures.

MAN14

▪ **Utilities.**

- *Sanitary Sewer.*

- Revise the existing conditions summary to clarify actual plant capacity and timing of plant improvements to restore 3.0 MGD capacity.

MAN15

- Update impact analysis to revise wastewater flow assumptions to be 100% of potable water use based on use of reclaimed water and to address how the composition/strength of wastewater from Science 1 may impact treatment and plant capacity.

MAN16

- *Stormwater.* Update the impact analysis to address the off-campus drainage impacts posed by the upsizing of the existing 24-inch drainage line at the north corner of the site and work with the Town Engineer to identify and implement appropriate mitigation measures.

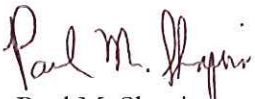
MAN17


- **Energy Use and Conservation.** The Town strongly supports the installation of alternative energy systems such as the rooftop solar array being considered for Science 1 and encourages the University to fully explore other potential sites for installation of renewable energy systems to reduce reliance on fossil fuels and demand on both the existing Central Utility Plant (CUP) and proposed Supplemental Utility Plant.

MAN18

If you have any questions regarding these comments, please contact Linda Painter, Director of Planning and Development.

Sincerely,


Paul M. Shapiro
Mayor


JoAnn Goodwin
Chair, Planning and Zoning Commission

Cc: Town Council
Planning and Zoning Commission
Mansfield Traffic Authority
Conservation Commission
Sustainability Committee

Comment Form

Northwest Science Quad, Mansfield, Connecticut
Connecticut Environmental Policy Act (CEPA)

University of Connecticut

January 30, 2019 EIE Public Hearing

Name: MEG REICH

Address: 343 Bassett's BRIDGE RD, Mansfield Center, Ct

Other Contact Information (Email, telephone): 860-455-0532 862880

Comment: megr1@outlook.com

Sewer section/WPCF

Comment ID

Not as extensive or current as it needs to be. Can only be updated via personal interviews with UConn + town staff, who know status.

MR1

① Ceremony for Groundbreaking for new sewer connection to UCONN WPCF took place Nov 8, 2018 for

new connections from Mansfield town project at Four Corners (RT 195 + RT 44) intersection.

② Improvements to WPCF ^{sludge} treatment capacity have been made recently, so no longer limited.

MR2

③ Future connections list should include Depot Campus reuse/redevelopment, other UConn projects, and assisted living facility near town senior center.

MR3

Please leave in Comment Folder
Or
Mail or Email to:
Sean Vasington, Associate Director
UConn - Planning Design,
and Construction
31 LeDoyt Road, Unit 3038
Storrs, CT 06269
E-Mail:
sean.vasington@uconn.edu
Comments accepted until
February 8, 2019.

*Hi Sean!
Meg Reich*

Possible requests to connect apartment complexes beyond Four Corners sewer service area (ie: Willington Oaks)

* MORE *
← OVER

Parking - Short by 348 spaces!
Need more parking on campus!
A garage in South Campus?!

MR4 & MR5

900#
- 700
200 to 1,053# parking spaces in NWSCI QUAD site (as counted by parking services in EIE) *
- 705 - New parcel D/Discovery Drive lot
#348 - too few spaces provided
need 350 MORE!

also Appendix E - Traffic Impact Study
does not address parking!
except to say, "It will be relocated to other areas off the campus"

MR6

parking spaces
900 vs
1,053

~~INCONSISTENT~~

* other parts of the report say there are currently 900 parking spaces in the 3 lots (Lot 9, X-lot & L-lot)

STORMWATER Plans

EIE says the Eagleville Brook Watershed Advisory Team will review the project to implement the Watershed Management Plan.

MR7

Please add me to Team meetings? Notices?
I am president of Willimantic River Alliance, and all stormwater from this project will flow to Eagleville Brook, a tributary of the Willimantic River.

Subject: FW: Comments on the Environmental Impact Evaluation (EIE) for the UConn NW Science Quad

From: Seth, Anji

Sent: Thursday, February 7, 2019 4:48:59 PM

To: Vasington, Sean

Cc: Freake, Hedley; Willig, Michael

Subject: Comments on the Environmental Impact Evaluation (EIE) for the UConn NW Science Quad

Sean Vasington, UConn – Planning, Design, and Construction, 31 LeDoyt Road, U-3038; Storrs, CT 06269

Dear Sean,

Comment ID AS1

As a STEM scientist, I am supportive of the University plans for a new NW Science Quad. The LEED Gold target certification for Science 1 is to be lauded, as is the possibility of installing a solar array on its roof. The University of Connecticut has lead the way in sustainable building and landscape design practices, food systems, and our commitment to action on sustainability is a major pillar of university and a draw for many who study and work here.

A primary example of UConn's leadership to limit global warming (and meet the objectives of the December 2015 UN Paris Agreement) is the commitment made by President Herbst to zero net carbon dioxide emissions by 2050.

Comment ID AS2

The plans for the NW Science Quad call for the development of a Supplemental Utility Plant (SUP) which is expected to include 16 MW from two gas combustion turbines, 4-MW from two diesel generators, a large steam boiler, and auxiliary equipment. The SUP would further invest UConn in substantial new fossil fuel dependent energy infrastructure at a time when a major ramp down is required by 2030 in order to meet our stated objectives of net zero CO2 emissions by 2050.

Comment ID AS3

Thus, I have grave concerns that the proposed SUP will jeopardize UConn's standing as a leader on climate action and our ability to achieve the stated goals. My recommendation is that a commission of faculty, staff, students, and administrators with relevant forward-looking expertise (energy, finance, climate, policy, law, etc) and interest in this issue examine and provide guidance on UConn's energy/climate operational plans for 2025-2030 and out to 2050.

Sincerely,
Anji Seth

STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH

Raul Pino, M.D., M.P.H.
Commissioner



Ned Lamont
Governor
Susan Bysiewicz
Lt. Governor

Drinking Water Section

February 8, 2019

Mr. Sean Vasington
Associate Director
UCONN Planning, Design and Construction
31 LeDoyt Road, Unit 3038
Storrs, CT 06269

Re: Notice of EIE for the University of Connecticut Northwest Science Quadrangle

Dear Mr. Vasington:

The Drinking Water Section of the Department of Public Health has reviewed the above-mentioned EIE. The review concludes that the EIE addresses the comments dated December 20, 2017 that the Drinking Water Section provided during the Scoping period.

DPH1

Thank you for the opportunity to comment on this EIE.

Sincerely,

A handwritten signature in blue ink, appearing to read "Eric McPhee".

Eric McPhee
Supervising Environmental Analyst
Drinking Water Section



Phone: (860) 509-7333 • Fax: (860) 509-7359
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410 Capitol Avenue, P.O. Box 340308
Hartford, Connecticut 06134-0308
www.ct.gov/dph

Affirmative Action/Equal Opportunity Employer



Attachment F – Wetland Report

WETLAND DELINEATION REPORT

REGULATORY CONTEXT

Inland wetlands and watercourses are regulated in the State of Connecticut by Connecticut General Statutes, Inland Wetlands and Watercourses Act, Chapter 440, sections 22a-36 to 22a-45. **Wetlands** are defined as “soil types designated as poorly drained, very poorly drained, alluvial, and floodplain by the National Cooperative Soils Survey.” **Watercourses** are defined as “rivers, streams, brooks, waterways, lakes, ponds, marshes, swamps, bogs and all other bodies of water, natural or artificial, vernal or intermittent, public or private.” **Intermittent watercourses** are identified by “a defined permanent channel and bank and the occurrence of two or more of the following characteristics: (a) Evidence of scour or deposits of recent alluvium or detritus, (b) the presence of standing or flowing water for a duration longer than a particular storm incident, and (c) the presence of hydrophytic vegetation. “

Federal jurisdictional wetland boundaries are defined by 33 CFR 328-329. **Federal jurisdictional wetlands** are “those areas that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions.” Federal wetlands were delineated in accordance with the *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Northcentral and Northeast Region* (Version 2.0, January 2012). Activities occurring within Inland Waters and Wetlands within the State of Connecticut are subject to approval by the US Army Corps of Engineers, New England District.

SUMMARY OF SOILS

Wetland Soils

Aquents: Poorly to very poorly drained soils formed in human transported material or on excavated (cut) landscapes. No development to incipient B-horizon typical. Evidence of aquic moisture regime found where saturation results in redoximorphic features in upper 20 inches. The project parcel contains no soils mapped as Aquents. However, unmapped Aquents were observed in the isolated wetland between Lot N and Alumni Drive.

Aquepts: Poorly to very poorly drained soils with an aquic moisture regime and showing some soil development in the B-horizon. Soils mapped as Aquepts at the project parcel belong to the Series known as Ridgebury, Leicester, and Whitman (Map Unit 3). These are deep, poorly drained soils formed in depressions and drainage ways in lodgment till. They are nearly level to gently sloping and extremely stony. In the project parcel, this Series is found in the wetlands and uplands west of Lot L.

Upland Soils

Udorthents: Well drained to excessively drained soils that have been disturbed by cutting or filling, and areas that are typically covered by buildings and pavement. As mapped by National Cooperative Soils Survey, “Udorthents – urban land complex” (Map Unit 306) are located from North Eagleville Road to approximately the southern ends of Lot L and Lot X. A smaller area of this Series is located along the project parcel’s southeastern boundary along Alumni Drive. In addition, udorthents classified as “Urban land” (Map Unit 307) are mapped in and around Lot N (along Hillside Road). This classification is given to developed areas containing buildings, roads, and parking lots.

WETLAND DELINEATION REPORT

The site also contains the upland soil Series known as Woodbridge fine sandy loam (Map Units 46 and 47). These are moderately well-drained loamy soil found in glacial upland. It has formed in lodgment till on nearly level to moderately steep slopes.

SUMMARY OF WATERCOURSE AND HYDROLOGY

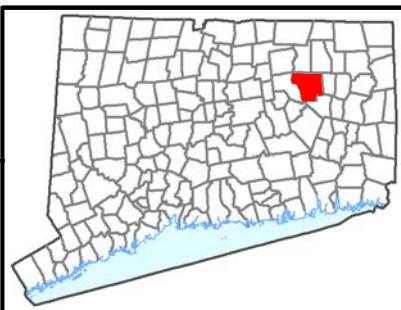
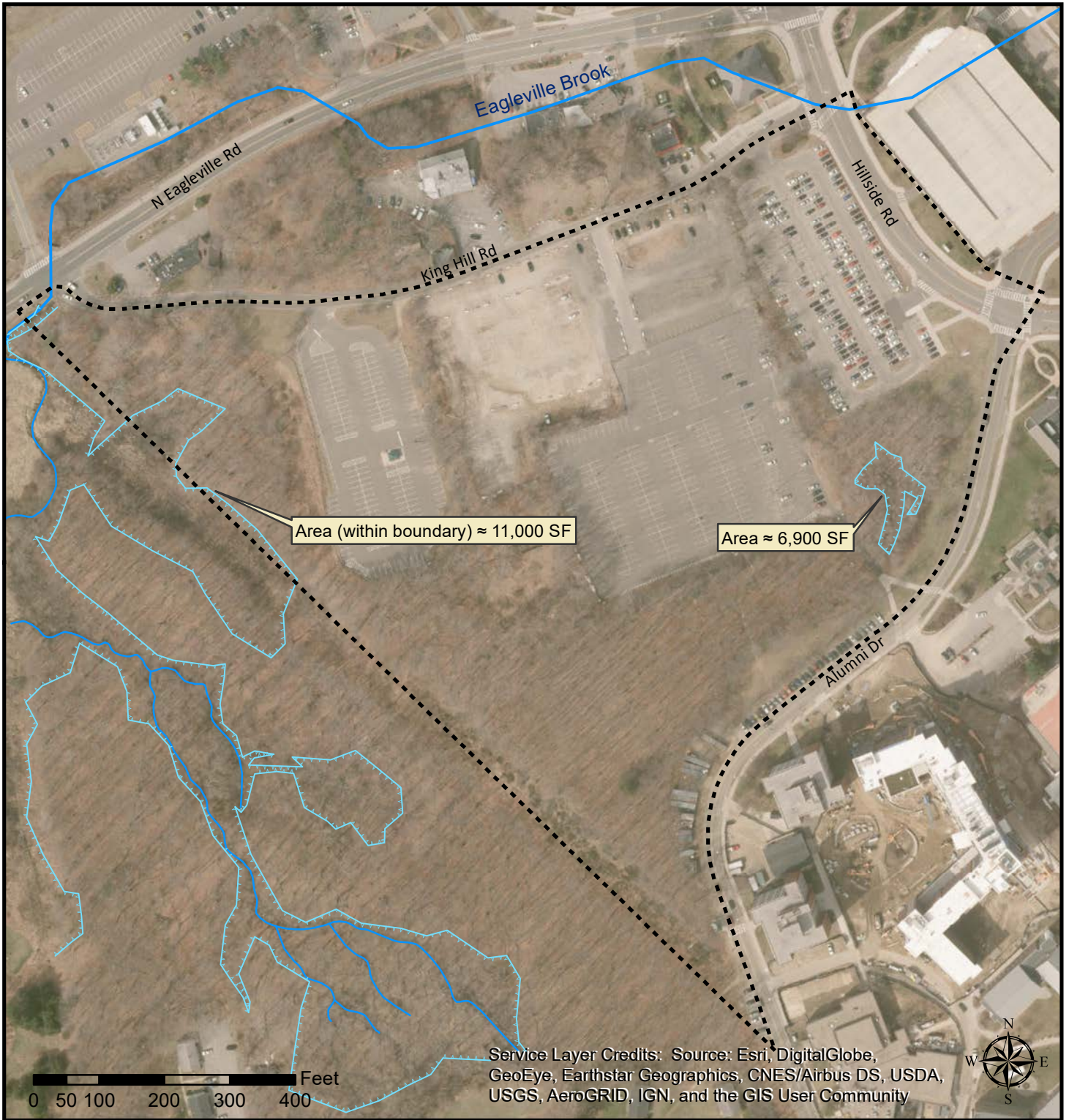
This project parcel is located in the Willimantic River watershed and is drained by Eagleville Brook. The Brook flows westerly across the northern portion of the project parcel. In the developed area of campus east of the project parcel, Eagleville Brook is piped underground and crosses the northeastern corner of the project parcel. As the Brook continues west, it resumes surface flow as a channelized stream along south then north sides of North Eagleville Road. This channel remains outside of the project parcel until the Brook again crosses under the road at the intersection with King Hill Road. Immediately downstream from this road crossing, Eagleville Brook flows through the northwest corner of the project parcel and then continues southwest to the Willimantic River via Eagleville Pond. Downstream of the project parcel, the Brook is largely unaltered in its natural course and land use in the watershed is rural/residential development (ie, reduced impervious cover). This lower reach of the Brook and the associated wetlands support several functions and values; on the project parcel, however, past alterations to the Brook limit these to minimal roles in Groundwater Recharge/Discharge and Floodflow Alteration.

Two wetlands were identified and mapped on the project parcel. The first is located along the western boundary of the project parcel. This wetland is a small part of a complex that borders Eagleville Brook. Within the project parcel, the wetland's easternmost edge is deciduous forest, which transitions to a scrub-shrub or emergent wetland between the project parcel and Eagleville Brook. As mentioned in the preceding paragraph, the wetlands bordering Eagleville Brook support a number of function and values, including: Groundwater Recharge/Discharge, Floodflow Alteration, Sediment/Pollutant Retention, Nutrient Removal, Production Export, Shoreline Stabilization, Wildlife Habitat, Educational/Scientific Value, and Visual Quality/Aesthetics. The total area of this wetland found within the project parcel is approximately 11,000 square feet.

The second wetland, located in the eastern portion of the project parcel, is a small forested wetland. It has formed in a depression at the toe of a modified slope, and there is no indication of surface water inflow or outflow. Rather, groundwater seeps maintain a high water table; on the day of the field investigation, shallow standing water and discolored leaf litter were observed. The surface water appears to infiltrate and rejoin groundwater within the area delineated. Due to its size and isolation, only Groundwater Recharge/Discharge and Floodflow Alteration are identified as the primary functions and values supported by this wetland. It also has potential to support the following secondary functions and values: Sediment/Pollutant Retention, Nutrient Removal, and Wildlife Habitat. The total area of this wetland is approximately 6,900 square feet.

ATTACHMENTS

- Wetland Delineation Map
- Site Sketch
- NRCS Soil Drainage Class Mapping
- USACE Wetland Determination Form



Project Parcel Boundary

Hydrology

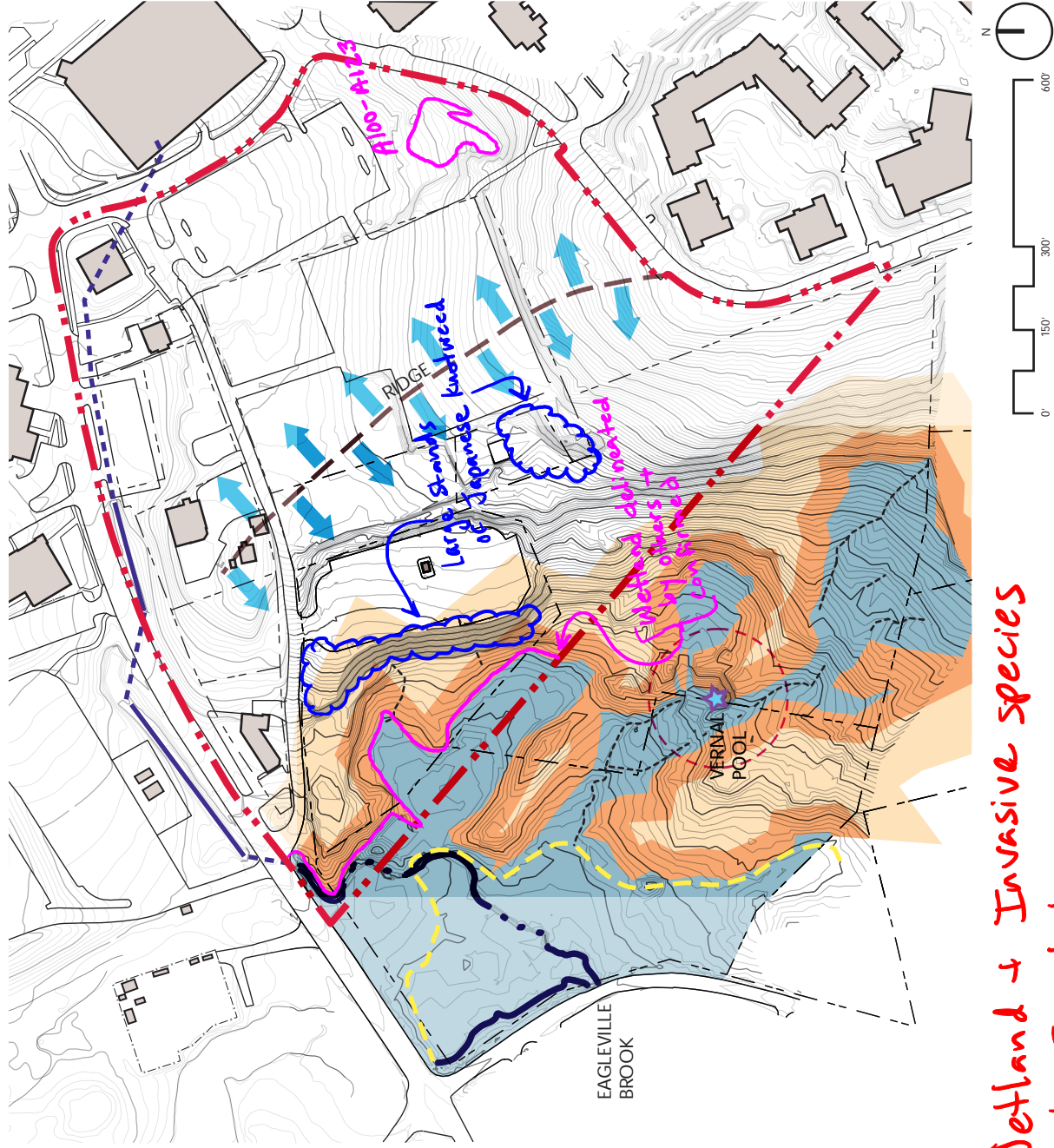
Streams

Inland wetlands

Wetland Delineation Map
 UConn Northwest Science Quad

Date of field delineation: 12/05/2018





LEGEND

	SITE BOUNDARY
	WETLANDS
	RIDGE LINE
	WATER COURSE
	PIPED WATER COURSE
	DRAINAGE SWALE
	SWAMP LINE
	VERNAL POOL
	50' UNDISTURBED WETLAND BUFFER (DEEP REGULATED)
	150' REGULATED WETLAND BUFFER (DEEP REGULATED)

Sources: CAD survey prepared by Alfred Benesch & Company, 2015; Inland Wetlands and Watercourses Model Municipal Regulations, State of Connecticut Dept. of Environmental Protection

Regionally this site is part of the Willimantic River watershed and hydrologically is divided roughly in half running north and south by an existing ridge. Approximately 4% of the site is designated a wetland. This wetland is located in the extreme North West corner and is contiguous with a much larger wetland on the adjacent property. In addition, Eagleville Brook runs through the site in this same area. The historical course for Eagleville Brook once ran across the Northeast corner of the site as well, but has been modified greatly in the past and is piped below grade for a significant portion of its course.

*Wetland + Invasive species
Site Sketch
12/6/18 - J. Wilson & M. Soares*

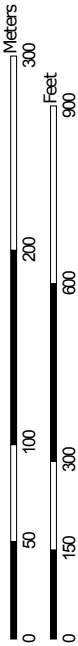
WETLANDS & HYDROLOGY

EXISTING SITE CONDITIONS ANALYSIS FOR NORTHWEST SCIENCE QUAD

Drainage Class—State of Connecticut
(Northwest Science Quad, UConn-Storrs)





































Map Scale: 1:3,890 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84

MAP LEGEND

Area of Interest (AOI)	 Excessively drained
 Area of Interest (AOI)	 Somewhat excessively drained
Soils	 Well drained
Soil Rating Polygons	 Moderately well drained
 Excessively drained	 Somewhat poorly drained
 Somewhat excessively drained	 Very poorly drained
 Well drained	 Subaqueous
 Moderately well drained	 Not rated or not available
 Somewhat poorly drained	Water Features
 Poorly drained	 Streams and Canals
 Very poorly drained	Transportation
 Subaqueous	 Rails
 Not rated or not available	 Interstate Highways
Soil Rating Lines	 US Routes
 Excessively drained	 Major Roads
 Somewhat excessively drained	 Local Roads
 Well drained	Background
 Moderately well drained	 Aerial Photography
 Somewhat poorly drained	
 Poorly drained	
 Very poorly drained	
 Subaqueous	
 Not rated or not available	
Soil Rating Points	

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:12,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: State of Connecticut
Survey Area Data: Version 18, Dec 6, 2018

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Apr 30, 2013—Sep 23, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Drainage Class

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
3	Ridgebury, Leicester, and Whitman soils, 0 to 8 percent slopes, extremely stony	Poorly drained	1.7	5.9%
46B	Woodbridge fine sandy loam, 0 to 8 percent slopes, very stony	Moderately well drained	0.5	1.6%
47C	Woodbridge fine sandy loam, 3 to 15 percent slopes, extremely stony	Moderately well drained	6.2	22.3%
306	Udorthents-Urban land complex	Well drained	16.5	59.0%
307	Urban land		3.1	11.1%
Totals for Area of Interest			28.0	100.0%

Description

"Drainage class (natural)" refers to the frequency and duration of wet periods under conditions similar to those under which the soil formed. Alterations of the water regime by human activities, either through drainage or irrigation, are not a consideration unless they have significantly changed the morphology of the soil. Seven classes of natural soil drainage are recognized-excessively drained, somewhat excessively drained, well drained, moderately well drained, somewhat poorly drained, poorly drained, and very poorly drained. These classes are defined in the "Soil Survey Manual."

Rating Options

Aggregation Method: Dominant Condition

Component Percent Cutoff: None Specified

Tie-break Rule: Higher

WETLAND DETERMINATION DATA FORM – Northcentral and Northeast Region

Project/Site: Northwest Science Quad, University of CT-Storrs City/County: Storrs (Tolland County) Sampling Date: 12/5/18
 Applicant/Owner: University of Connecticut State: CT Sampling Point: _____
 Investigator(s): Joshua Wilson, Michael Soares Section, Township, Range: Mansfield
 Landform (hillside, terrace, etc.): toeslope Local relief (concave, convex, none): concave Slope (%): _____
 Subregion (LRR or MLRA): LRR R, MLRA 144A Lat: 41.807547 Long: 72.258803 Datum: CT State Plane 1983
 Soil Map Unit Name: Wodbridge (Map Unit 47) NWI classification: n/a

Are climatic / hydrologic conditions on the site typical for this time of year? Yes No _____ (If no, explain in Remarks.)
 Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes No _____
 Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes <input checked="" type="checkbox"/> No _____	Is the Sampled Area within a Wetland? Yes _____ No <input checked="" type="checkbox"/> If yes, optional Wetland Site ID: _____
Hydric Soil Present?	Yes _____ No <input checked="" type="checkbox"/>	
Wetland Hydrology Present?	Yes <input checked="" type="checkbox"/> No _____	
Remarks: (Explain alternative procedures here or in a separate report.)		

HYDROLOGY

Wetland Hydrology Indicators: <u>Primary Indicators (minimum of one is required; check all that apply)</u> <input checked="" type="checkbox"/> Surface Water (A1) <input checked="" type="checkbox"/> Water-Stained Leaves (B9) <input checked="" type="checkbox"/> High Water Table (A2) _____ Aquatic Fauna (B13) _____ Saturation (A3) _____ Marl Deposits (B15) _____ Water Marks (B1) _____ Hydrogen Sulfide Odor (C1) _____ Sediment Deposits (B2) _____ Oxidized Rhizospheres on Living Roots (C3) _____ Drift Deposits (B3) _____ Presence of Reduced Iron (C4) _____ Algal Mat or Crust (B4) _____ Recent Iron Reduction in Tilled Soils (C6) _____ Iron Deposits (B5) _____ Thin Muck Surface (C7) _____ Inundation Visible on Aerial Imagery (B7) _____ Other (Explain in Remarks) _____ Sparsely Vegetated Concave Surface (B8)	<u>Secondary Indicators (minimum of two required)</u> _____ Surface Soil Cracks (B6) _____ Drainage Patterns (B10) _____ Moss Trim Lines (B16) _____ Dry-Season Water Table (C2) _____ Crayfish Burrows (C8) _____ Saturation Visible on Aerial Imagery (C9) _____ Stunted or Stressed Plants (D1) _____ Geomorphic Position (D2) _____ Shallow Aquitard (D3) _____ Microtopographic Relief (D4) <input checked="" type="checkbox"/> FAC-Neutral Test (D5)
---	---

Field Observations: Surface Water Present? Yes <input checked="" type="checkbox"/> No _____ Depth (inches): _____ Water Table Present? Yes <input checked="" type="checkbox"/> No _____ Depth (inches): _____ Saturation Present? Yes _____ No _____ Depth (inches): _____ (includes capillary fringe)	Wetland Hydrology Present? Yes <input checked="" type="checkbox"/> No _____
---	--

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

VEGETATION – Use scientific names of plants.

Sampling Point: _____

	Absolute % Cover	Dominant Species?	Indicator Status																	
Tree Stratum (Plot size: _____)																				
1. <u><i>Acer rubrum</i></u>	60	Yes	FAC	Dominance Test worksheet: Number of Dominant Species That Are OBL, FACW, or FAC: <u>4</u> (A) Total Number of Dominant Species Across All Strata: <u>4</u> (B) Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100.0%</u> (A/B)																
2. <u><i>Fraxinus pennsylvanica</i></u>	20	Yes	FACW																	
3. _____																				
4. _____																				
5. _____																				
6. _____																				
7. _____																				
	80	=Total Cover		Prevalence Index worksheet: <table style="width:100%; border:none;"> <tr> <td style="text-align:right">Total % Cover of:</td> <td style="text-align:center">Multiply by:</td> </tr> <tr> <td>OBL species <u>0</u></td> <td>x 1 = <u>0</u></td> </tr> <tr> <td>FACW species <u>40</u></td> <td>x 2 = <u>80</u></td> </tr> <tr> <td>FAC species <u>65</u></td> <td>x 3 = <u>195</u></td> </tr> <tr> <td>FACU species <u>0</u></td> <td>x 4 = <u>0</u></td> </tr> <tr> <td>UPL species <u>0</u></td> <td>x 5 = <u>0</u></td> </tr> <tr> <td>Column Totals: <u>105</u></td> <td>(A) <u>275</u> (B)</td> </tr> <tr> <td colspan="2" style="text-align:center">Prevalence Index = B/A = <u>2.62</u></td> </tr> </table>	Total % Cover of:	Multiply by:	OBL species <u>0</u>	x 1 = <u>0</u>	FACW species <u>40</u>	x 2 = <u>80</u>	FAC species <u>65</u>	x 3 = <u>195</u>	FACU species <u>0</u>	x 4 = <u>0</u>	UPL species <u>0</u>	x 5 = <u>0</u>	Column Totals: <u>105</u>	(A) <u>275</u> (B)	Prevalence Index = B/A = <u>2.62</u>	
Total % Cover of:	Multiply by:																			
OBL species <u>0</u>	x 1 = <u>0</u>																			
FACW species <u>40</u>	x 2 = <u>80</u>																			
FAC species <u>65</u>	x 3 = <u>195</u>																			
FACU species <u>0</u>	x 4 = <u>0</u>																			
UPL species <u>0</u>	x 5 = <u>0</u>																			
Column Totals: <u>105</u>	(A) <u>275</u> (B)																			
Prevalence Index = B/A = <u>2.62</u>																				
Sapling/Shrub Stratum (Plot size: _____)																				
1. <u><i>Lindera benzoin</i></u>	20	Yes	FACW																	
2. <u><i>Acer rubrum</i></u>	5	Yes	FAC																	
3. _____																				
4. _____																				
5. _____																				
6. _____																				
7. _____																				
	25	=Total Cover																		
Herb Stratum (Plot size: _____)																				
1. _____				Hydrophytic Vegetation Indicators: <u> </u> 1 - Rapid Test for Hydrophytic Vegetation <u>X</u> 2 - Dominance Test is >50% <u> </u> 3 - Prevalence Index is ≤3.0 ¹ <u> </u> 4 - Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) <u> </u> Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.																
2. _____																				
3. _____																				
4. _____																				
5. _____																				
6. _____																				
7. _____																				
8. _____																				
9. _____																				
10. _____																				
11. _____																				
12. _____																				
Woody Vine Stratum (Plot size: _____)																				
1. _____				Definitions of Vegetation Strata: Tree – Woody plants 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height. Sapling/shrub – Woody plants less than 3 in. DBH and greater than or equal to 3.28 ft (1 m) tall. Herb – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall. Woody vines – All woody vines greater than 3.28 ft in height.																
2. _____																				
3. _____																				
4. _____																				

Remarks: (Include photo numbers here or on a separate sheet.)

SOIL

Sampling Point: _____

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix		Redox Features				Texture	Remarks
	Color (moist)	%	Color (moist)	%	Type ¹	Loc ²		
0-6	10YR 2/1						Mucky Loam/Clay	fsl
6-12	10YR 4/3	70	10YR 4/2	20	C	M	Loamy/Clayey	Faint redox concentrations
			10YR 5/4	10	C	M		Faint redox concentrations

¹Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. ²Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators:

- Histosol (A1)
- Histic Epipedon (A2)
- Black Histic (A3)
- Hydrogen Sulfide (A4)
- Stratified Layers (A5)
- Depleted Below Dark Surface (A11)
- Thick Dark Surface (A12)
- Sandy Mucky Mineral (S1)
- Sandy Gleyed Matrix (S4)
- Sandy Redox (S5)
- Stripped Matrix (S6)
- Dark Surface (S7)

- Polyvalue Below Surface (S8) (LRR R, MLRA 149B)
- Thin Dark Surface (S9) (LRR R, MLRA 149B)
- High Chroma Sands (S11) (LRR K, L)
- Loamy Mucky Mineral (F1) (LRR K, L)
- Loamy Gleyed Matrix (F2)
- Depleted Matrix (F3)
- Redox Dark Surface (F6)
- Depleted Dark Surface (F7)
- Redox Depressions (F8)
- Marl (F10) (LRR K, L)

Indicators for Problematic Hydric Soils³:

- 2 cm Muck (A10) (LRR K, L, MLRA 149B)
- Coast Prairie Redox (A16) (LRR K, L, R)
- 5 cm Mucky Peat or Peat (S3) (LRR K, L, R)
- Polyvalue Below Surface (S8) (LRR K, L)
- Thin Dark Surface (S9) (LRR K, L)
- Iron-Manganese Masses (F12) (LRR K, L, R)
- Piedmont Floodplain Soils (F19) (MLRA 149B)
- Mesic Spodic (TA6) (MLRA 144A, 145, 149B)
- Red Parent Material (F21)
- Very Shallow Dark Surface (TF12)
- Other (Explain in Remarks)

³Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: _____
 Depth (inches): _____

Hydric Soil Present? Yes _____ No X

Remarks:
 This data form is revised from Northcentral and Northeast Regional Supplement Version 2.0 to reflect the NRCS Field Indicators of Hydric Soils version 7.0 March 2013 Errata. (http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs142p2_051293.docx)



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