



Woodridge Lake Sewer District Goshen, CT

Environmental Report and Environmental Assessment for USDA-RD Funding Application

Regional Wastewater Management Project

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ENVIRONMENTAL REPORT & ENVIRONMENTAL ASSESSMENT
REGIONAL WASTEWATER MANAGEMENT PROJECT
WOODRIDGE LAKE SEWER DISTRICT
NOVEMBER 8, 2019; REVISED ON JANUARY 16, 2020 & MARCH 25, 2020

This Environmental Report (ER) and Environmental Assessment (EA) was developed in accordance with the United States Department of Agriculture Rural Development (USDA-RD's) guidelines for preparing the ER and EA. We presented this ER and EA in outline format to facilitate review by USDA-RD's State Engineer. The guidelines are shown in black font. Our proposed ER text, as it relates to WLSLD's proposed Regional Wastewater Management Project, is shown in blue font. Attached in Appendix A are Figures 1 through 8, which are referenced throughout this ER and EA.

A. PROJECT DESCRIPTION AND LOCATION

Provide a complete project description including a description of all project-related activities such as land purchase, easements/rights-of-way procurement, acreage/area, and proposed clearing, grading, excavation, paving, new construction, utility installations, fencing, etc. that will be involved with the project. Complete descriptions, locations, and maps must be provided for each site affected by project-related activities. Maps must be equivalent to a Geological Survey 7.5-minute quadrangle map at a map scale of 1:24,000; larger scale maps may be provided for site-specific proposals. USGS maps may be obtained and purchased at <http://www.usgs.gov/pubprod/maps.html>. All project elements, if known at the time of the application, must be clearly shown on any map provided. If appropriate, photographs or aerial photographs of site-specific conditions may also be provided.

The Woodridge Lake Sewer District (WLSLD) is a private development and sewer service area around Woodridge Lake in Goshen, CT. WLSLD owns and operates a wastewater collection system and water pollution control facility (WPCF). The collection system includes approximately 89,500 LF (~17 miles) of gravity sewer mains, 400 manholes, and eight (8) pump stations. The collection system is comprised of 8 to 15-inch PVC truss pipe, and the majority of the system is almost 50 years old. There are a total of 697 connections to the system, 582 of which are tied in through gravity sewer. Additionally, there are approximately 115 homes around the lake that are served by grinder pumps.

The WLSLD WPCF was constructed in 1972, and includes preliminary treatment, activated sludge treatment, rapid rate multi-media filtration, and solids handling. The WPCF utilizes sub-surface disposal for the treated effluent, and includes approximately 90 beds over 90 acres. The WPCF operations staff directs the treated effluent to the beds through a series of piping and valves. The current configuration of piping only allows for disposal to one bed at a time.

The Connecticut Department of Energy and Environmental Protection (CT DEEP) issued a Consent Order (CO) to WLSLD in 1989, regarding its treatment and disposal practices. The CO required WLSLD to address its wastewater disposal needs. WLSLD last updated its Facilities Plan in 2011, which included recommendations for its infrastructure over the next 20 years. Based on the recommendations from the Facilities Plan, planning and design for the prior Torrington Regional Sewer Connection Project was implemented. The recommended alternative, which included decommissioning the existing WLSLD WPCF and constructing a force main to the City of Torrington, was submitted to USDA-RD and the design for the project was advanced. Upon receiving bids for the recommended alternative



and prior to awarding of the construction contracts, issues that were being discussed and negotiation included tie-in fees to be paid to the City of Torrington and fees for police and/or flaggers. These negotiations led to a project that would not be sustainable. WLS D decided to reevaluate the regional versus local alternatives in the 2019 Preliminary Engineering Report (PER). This 2019 Environmental Report/Environmental Assessment includes evaluation of the environmental impacts of the updated recommended regional alternative (Litchfield).

The recommended alternative includes decommissioning the existing WLS D WPCF and constructing a force main to the Town of Litchfield for treatment and disposal of wastewater at the Litchfield WPCF. Upgrades to the Litchfield WPCF are also recommended to accommodate the additional flows from WLS D. The recommended alternative, shown in Figure 1 in Appendix A, includes upgrading the Plant Pump Station in Goshen, CT, and constructing a new force main route along Beach Street, Milton Road, and Constitution Way, with an interconnection to the Litchfield interceptor sewer along the cross-country sewer interceptor at Whites Wood Road in Litchfield, CT.

Discussions with Litchfield indicated that there have been historical issues with the existing interceptor not having adequate conveyance capacity during major wet-weather events, and a hydraulic model was used to confirmed this. The recommended alternative includes the construction of a wastewater storage tank to store wastewater flows from WLS D during high-flow events when Litchfield could not accommodate these flows in the existing interceptor. Flows from WLS D would be pumped into the system when interceptor flows subside.

A deferred component of the recommended alternative includes the replacement of the existing Litchfield interceptor sewer (approximately 17,600 linear feet) that is downstream of the proposed new force main connection and is currently undersized to convey the additional flows from WLS D.

The proposed work at the Plant Pump Station (Figure 2) and the Litchfield WPCF (Figure 3 through 3C) are on previously disturbed land, and are within the existing parcels owned by WLS D and the Town of Litchfield, respectively. The proposed force main will be constructed on Town roads in Goshen and Litchfield, with the exception of approximately 40 LF of force main which will be constructed across Route 202 in Litchfield. WLS D will contact the Connecticut Department of Transportation (CT DOT) during the design phase for a permit for the construction phase. The recommended alternative does not require any land purchases.

The proposed upgrades to the existing Plant Pump Station include a new wet pit/dry pit with an odor control system. The proposed upgrades to the Litchfield WPCF will provide necessary improvements to aging infrastructure at the Litchfield WPCF, and increase the permitted capacity of the Litchfield WPCF from 0.80 million gallons per day (MGD) to 0.95 MGD. These upgrades will benefit the communities of Litchfield and Morris, who currently discharge flows to the Litchfield WPCF for treatment and disposal, by increasing the capacity and reliability of the regional Litchfield WPCF, as well as decreasing their respective annual O&M costs.

The proposed upgrades to the Litchfield WPCF include the following major components:

- Installation of new headworks building with influent screen and washer compactor, and new grit removal system
- Extensions to raise the existing primary clarifier, aeration basin and secondary clarifier/post-anoxic basin walls above flood elevation



- Conversion of the existing secondary clarifier to an anoxic basin with new anoxic mixer and bridge, to provide additional total nitrogen removal capacity
- New secondary clarifier tank and required internals (mechanism, weirs, baffles)
- New return activated sludge (RAS) and waste activated sludge (WAS) pump building and new RAS and WAS pumping systems
- Electrical system upgrades and new emergency generator
- Site fencing, paving and restoration

The proposed Project also includes decommissioning of the existing WLSO WPCF. Pending preliminary design and discussions with the Town of Litchfield, portions of the proposed upgrades to the Litchfield WPCF may be deferred to a future project.

B. LAND OWNERSHIP AND LAND USE

- (1) The ER must describe the amount of property to be affected or disturbed by each project site(s) including the site's current land use and, if applicable, zoning.

The proposed Project includes upgrades to the existing WLSO Plant Pump Station in Goshen, CT, the Litchfield WPCF, as well as the construction of approximately 5 miles of force main between the two points. The Plant Pump Station has been at its existing site since 1972, and the Litchfield WPCF has been at its existing site since 1971. Decommissioning of the WLSO WPCF, which was constructed in 1972, will take place at its existing site. No additional sites will be affected as a result of this Project. The Town of Litchfield owns and maintains an easement that the Litchfield interceptor sewer is located within. The proposed force main route along Beach Street, Milton Road, and Constitution Way, will be on previously disturbed roads maintained by the Towns of Litchfield and Goshen, as well as a small portion of previously disturbed road on State Route 202 in Litchfield.

- (2) The ER must document the land ownership (federal, state, or private) of each project site or rights-of-way (ROWs), including any formally classified lands such as parks, wilderness areas, state or national forests, etc. Land ownership will dictate with whom the Agency must consult with to determine whether there will be an adverse effect to such land areas or resources, or if any permits are needed. Further detail is found in 1970 Subpart L – "Land Use and Formally Classified Lands." For information related to federal lands see <http://www.geocommunicator.gov/GeoComm/>. This website provides cadastral survey and land management information and data from the National Integrated Land System specifically the distribution of the Public Land Survey System (PLSS), other survey-based data, and federal land boundaries. Please note that all roads and associated ROWs traversing federal lands are controlled by the appropriate federal agency.

The work associated with the proposed Project will take place at the existing Plant Pump Station, the WLSO WPCF, the Litchfield WPCF, along the Litchfield interceptor sewer easement, on Town roads in Litchfield and Goshen, and across Route 202 in Litchfield, CT. There are no classified lands, such as parks, wilderness areas, state forests, or national forests on the proposed Project sites. We anticipate that a construction permit from CT DOT will be required for the portion of the force main that will be constructed across Route 202 in Litchfield.



- (3) For all proposals except single family housing, the applicant must consider low income or minority populations that may be located within the vicinity of the proposal so that the Agency can document if they would be adversely affected by the proposal in accordance with 1790 Subpart E – Environmental Justice.

All work associated with the proposed Project will occur on previously disturbed land at the Plant Pump Station, the WLSD WPCF, the Litchfield WPCF, along the Litchfield interceptor sewer easement, and along Town Roads and across Route 202 in Litchfield, CT. No low income or minority populations will be disturbed or displaced by the proposed Project. The proposed Project will be funded through general taxation of WLSD residents, which is the current revenue collection at WLSD.

- (4) For all proposals except for single family housing, non-construction proposals, and for those programs which Intergovernmental Review is not required, the applicant is authorized to initiate consultation with State and local governments to afford them the opportunity to review program activities located in areas subject to their legal jurisdiction in accordance with Subpart I – Intergovernmental Review.

The State of Connecticut no longer participates in the intergovernmental review process, and there is no State Single Point of Contact (SPOC). In response to this requirement, WLSD has completed the “USDA Rural Development Intergovernmental Review Consultation Form,” included in Appendix B.

- (5) The ER must indicate whether a Phase I Environmental Site Assessment (ESA) or a Transaction Screen Questionnaire (TSQ) (or other environmental due diligence procedures) has been completed on the proposal site within the past 6 months. Any ESA or TSQ should be part of the ER.

We do not believe this is applicable to the proposed Project.

C. HISTORIC PRESERVATION

The ER must describe all steps taken to identify historic properties as required under Section 106 of the National Historic Preservation Act (NHPA) and related legislation. Implementation guidelines are located at 1970 Subpart H – “Historic Preservation.” Any correspondence with State Historic Preservation Officers (SHPOs), Tribal Historic Preservation Officers (THPOs) or Tribes should be part of the Environmental Report. In accordance with S.106 of the NHPA, federal agencies are required to take into account the effect of their undertakings on historic properties and provide the Advisory Council on Historic Preservation (ACHP) a reasonable opportunity to comment on those effects. Pursuant to 36 CFR §800.16(y), an “undertaking” is defined as a “project, activity or program funded in whole or part under the direct or indirect jurisdiction of a federal agency”. The Agency has determined that the provision of Federal financial assistance to program applicants is an undertaking subject to S. 106 and its implementing regulations, “Protection of Historic Properties” (36 CFR part 800). In accordance with 36 CFR § 800.2(d)(4), and by letters dated July 16, 2009 and August 14, 2012, RUS issued a blanket delegation authorizing all of its applicants to “initiate consultation.” This blanket delegation allows RUS applicants to proceed through S.106 review as long as the applicant and consulting parties agree on the recommended finding of effect and any determinations of eligibility. RUS, which retains responsibility to document findings and determinations as required by 54



U.S.C. part 306114 [formerly Section 110(l) of NHPA], is likely to conclude S.106 review on the basis of the agreed upon recommendations. Federally recognized Indian tribes are legally considered sovereign nations entitled to a special government-to-government relationship with the federal government. Accordingly, RUS may not delegate to an applicant the authority “to consult” with Indian tribes. However, an applicant may “work with”, “engage” or “involve” a federally recognized Indian tribe in S.106 review under delegated authority as long as the tribe is willing to participate. An applicant must involve RUS in S.106 review whenever a federally recognized Indian tribe requests the participation of the federal agency. RUS encourages federally recognized Indian tribes to work with its applicants under delegated authority in order to become involved as early as possible in S.106 review. Applicants authorized under this blanket delegation are required to involve RUS whenever there is an adverse effect, a disagreement between the applicant and consulting parties, an objection from a consulting party or the public, or a failure to adhere to regulatory requirements. The direct participation of RUS is required because all decision-making authority in S.106 review rests with the federal agency. Accordingly, only RUS can successfully resolve these issues in the public interest.

No correspondence has been made with the State Historic Preservation Officers (SHPOs) or Tribal Historic Preservation Officers (THPOs), since there are no known Native American tribes located in the Project area. It is our understanding the USDA will contact the necessary agencies directly to confirm that no historical areas are affected by the proposed Project.

D. THREATENED AND ENDANGERED SPECIES/BIOLOGICAL RESOURCES

The applicant is to assist the Agency in making determinations of effect under S. 7 of the Endangered Species Act, and thus the ER must document whether any project sites and activities will directly or indirectly affect any threatened, endangered, proposed or candidate species, or would adversely affect designated critical habitat. Applicants must obtain and provide species lists and appropriate species accounts (i.e. requisite habitat) from the Fish and Wildlife Service’s website, <http://ecos.fws.gov/ipac/>, and, if applicable, National Marine Fisheries Service’s website, <http://www.nmfs.noaa.gov/pr/species/index.htm>, for each county affected by construction. Information about potential critical habitat areas is found on the Fish and Wildlife Service’s website, <http://ecos.fws.gov/ecp/report/table/critical-habitat.html>. It is the responsibility of the applicant to comply with any requirements of the Migratory Bird Treaty Act and/or the Bald and Golden Eagle Protection Act. Refer to the Agency’s guidance for further information at 1970 Subpart N – “Biological Resources”. The applicant is to notify the Agency immediately should it appear that formal consultation with the Services will be required.

CT DEEP’s Natural Diversity Data Base (NDDDB) for State Listed Species, shown in Figure 4, was reviewed for the proposed Project area. According to the State’s GIS layer, the proposed Project has areas within the NDDDB Areas. A request for NDDDB State Listed Species Review was submitted to CT DEEP on February 3, 2020. A preliminary determination (No. 202002085) from CT DEEP was received on February 19, 2020. A number of species were identified along the Proposed Project route including Special Concern Broad-winged hawks (*Buteo platypterus*), State Endangered plant Stiff gentian (*Gentianella quinquefolia*), State Special Concern Pale green orchid (*Platanthera flava* var. *herbiola*), Northern leopard frogs (*Rana pipiens*), State Endangered American bittern, King rail, Common moorhen, Threatened Least bittern and Special Concern Alder flycatcher, and rare marsh birds utilizing the areas around Little Pond. Mitigative measures that should be taken during construction were provided by CT DEEP in the preliminary determination.



WLSD is committed to protecting the species listed in the preliminary determination, and will submit best management practices to CT DEEP, as requested in the preliminary determination, as part of the permitting phase. A copy of the request from WLSD and preliminary assessment by CT DEEP are included in Appendix C. Further correspondence with CT DEEP regarding the State Listed Species will be submitted to USDA-RD as needed.

E. WETLANDS

The ER must document whether wetlands are present on or near project sites. Without having a hired wetlands professional visit the site, mapped hydric soils are the best indicator of the presence of wetlands on a site. A map of hydric soils may be obtained from the Natural Resources Conservation Service website. Wetland maps are also available from the Fish and Wildlife Service's National Wetland Inventory (<http://www.fws.gov/wetlands/>) and state data (<http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>). Agency implementation guidelines for wetland protection are located at 1970 Subpart G – “Wetland Protection.” If the presence of wetlands is suspected and they are potentially impacted, applicants may be asked to provide a wetland delineation to establish locations, proximity, and diagnostic environmental characteristics (U.S. Army Corps of Engineers (December 1987), Wetland Delineation Manual.) with respect to proposed project sites and obtain Section 404 of the Clean Water Act authorization through the issuance of a permits from the U.S. Army Corps of Engineers.

The proposed work will take place on currently developed and previously disturbed lands. No work is to be conducted in mapped wetlands or natural resource areas, as shown in Figure 5. Wetland resource areas will be flagged by a licensed wetland scientist during the design phase. Proper erosion control and dewatering measures will be implemented to prevent sedimentation of nearby water bodies and/or wetlands.

F. NATIONWIDE GENERAL PERMITS

NWPs are issued for minor temporary wetland impacts including buried and/or aerial utility lines/cables, outfalls, discharges, and maintenance activities etc. Typically, no additional wetland information is necessary other than the NWP and verification that such actions are within the general conditions of the NWP. A wetland delineation and a search for alternatives to wetland impacts is not required for NWPs as long as the general conditions of the NWP are followed.

We do not believe this is applicable to the proposed Project.

G. REGIONAL GENERAL PERMITS

Wetland impacts authorized through a Regional General Permit (excluding NWPs) are not considered extraordinary circumstances, however proposals with general permits typically require a wetland delineation, and require consideration and documentation of alternatives completed either by ACE or by RD if desired to avoid adverse effects.

We do not believe this is applicable to the proposed Project.

H. INDIVIDUAL PERMITS

Wetland impacts authorized through an individual permit are considered an extraordinary circumstance under 1970.52 and an Environmental Assessment must be completed rather



than an ER. Public noticing will also be required.

We do not believe this is applicable to the proposed Project.

I. CONACT PROGRAMS

Agency programs authorized under Section 363 of the Consolidated Farm and Rural Development Act may not utilize Agency funds to fill, alter or manipulate a wetland. Check with the Agency to ensure that the program you are applying for does not need to separate funds for wetland impacts, if proposed.

We do not believe this is applicable to the proposed Project.

J. FLOODPLAINS

The ER must document whether any project activities or facilities are located within a floodplain. This does not apply to buried and/or aerial utilities lines. If any project-related construction activities are within floodplains, a copy of a Federal Emergency Management Agency's (FEMA) Flood Insurance Rate Map (FIRM) that shows the location of construction activities must be included. Information related to floodplains and National Flood Insurance Maps may be obtained from the Federal Emergency Management Agency's (FEMA) website, <http://msc.fema.gov/portal>. Applicants or guaranteed lenders must complete and submit with their applications a copy of FEMA Form 086-0-32, <https://www.fema.gov/media-library/assets/documents/225>. Actions that do not adversely affect the hydrologic character of a floodplain, such as installation of buried utility lines, telecommunication cables, subsurface pump stations, electric transmission lines, or purchase of existing structures within the floodplain, would not create an extraordinary circumstance, and would not require an EA, but may still require consideration of alternatives when determined appropriate by the Agency. If the proposal will convert, occupy, place fill, or modify the 100-yr floodplain, or 500-yr floodplain for critical actions, or substantially improve structures within them, as defined in 1970 Subpart F – Floodplain Management, an extraordinary circumstance exists and the proposal is not eligible for a categorical exclusion. Critical actions include any activity for which even a slight chance of flooding would be too great. Examples include: An action a structure or facility producing and/or storing highly volatile, toxic, radioactive, or water-reactive materials; structures such as hospitals, nursing homes, prisons, and schools, where occupants may not be sufficiently mobile and have available transport capability to avoid loss of life and injury given the flood warning lead times available; essential or irreplaceable resources, utilities, or other functions that could be damaged beyond repair, destroyed, or otherwise made unavailable.

Portions of the proposed Project, including the Plant Pump Station, force main route, and the Litchfield WPCF, are located within the 100-year floodplain, as shown in Figure 6. Any work within the floodplain requires an Environmental Assessment to determine any impacts to the floodplain that may result from the Project. Following is the information required to elevate this Environmental Report to an Environmental Assessment in accordance with §1970.10 and §1970.52(b)(4)(iv).

EVALUATION OF ALTERNATIVES AND NEED FOR PROJECT

The proposed construction activities within the 100-year floodplain include upgrades to the Plant Pump Station, the Litchfield WPCF, and construction of a force main through



portions of the floodplain. The force main and its structures (cleanouts, vaults, etc.) will be constructed below the surface, and are therefore exempt from further review, as they will not affect the characteristics of the floodplain. Proposed upgrades to the Plant Pump Station include construction of a new wet pit/dry pit with an odor control system, and underground storage tank. Proposed upgrades to the Litchfield WPCF include:

- Installation of new headworks building with influent screen and washer compactor, and new grit removal system
- Extensions to raise the existing primary clarifier, aeration basin and secondary clarifier/post-anoxic basin walls above flood elevation
- Conversion of the existing secondary clarifier to an anoxic basin with new anoxic mixer and bridge, to provide additional total nitrogen removal capacity
- New secondary clarifier tank and required internals (mechanism, weirs, baffles)
- New return activated sludge (RAS) and waste activated sludge (WAS) pump building and new RAS and WAS pumping systems
- Electrical system upgrades and new emergency generator
- Site fencing, paving and restoration

In accordance with E.O. 11988, E.O. 13690, and Agency objectives as part of USDA DR 9500-3, the proposed work must be evaluated to determine if there are any practical alternatives to locating work within a floodplain. The original construction of the Plant Pump Station in 1972 and the Litchfield WPCF in 1971, were built before the effective dates of the Flood Insurance Rate Maps (FIRM) of November 16, 1990 and June 15, 1982 (included in Appendix D), respectively, and therefore are not considered new construction in accordance with §1970.255(bb).

Upgrades to the existing pump station are necessary to increase the pumping capacity of the Plant Pump Station. Upgrades to the Litchfield WPCF are necessary in order to increase capacity and ensure the proper treatment and disposal of wastewater for the communities of Litchfield, Morris, and WLSL. The existing WLSL WPCF is not capable of meeting current regulatory requirements. Connection to the Litchfield WPCF will ensure proper disposal of wastewater for WLSL and improve the health and safety of surrounding communities by eliminating its subsurface disposal permit.

The proposed alternative addresses these health and safety needs through increasing the capacity of the Litchfield WPCF to accommodate flows from WLSL and raising the existing primary clarifier, aeration basin and secondary clarifier/post-anoxic basin walls above the existing flood elevation by a minimum of three feet in accordance with Executive Order (EO) 13690. A local alternative was evaluated as part of the Preliminary Engineering Report (PER), which included upgrading the WLSL WPCF to a Membrane Bioreactor (MBR) or Sequencing Batch Reactor (SBR). However, this alternative was tabled due to permitting uncertainty. Further, the local alternatives do not provide a regional benefit to multiple communities. An additional regional alternative was explored with the City of Torrington. However, this alternative was eliminated for economic reasons as well. Therefore, the only practicable alternative is to upgrade the existing Plant Pump Station and the existing Litchfield WPC, portions of which are located within the floodplain, as proposed, to accommodate the flows from WLSL. It is not feasible to relocate either facility for a number of reasons including but not limited to: a lack of available land; the cost of constructing a new facility; and permitting required to relocate an existing surface water



discharge. Conversely, a no action alternative would present significant environmental and public health risks due to the inability of the WLS D WPCF to effectively treat and dispose of wastewater.

PROPOSED MITIGATION MEASURES

Portions of the existing Plant Pump Station and Litchfield WPCF are located in a 100-year flood plain, and the proposed upgrades are considered a “critical action” as defined by §1970.255(h)(5), which states that critical actions include but are not limited to actions that increase or extend the useful life of structure or facilities within the specified categories, including utilities vital to public health and safety such as wastewater. As such, mitigative measures are proposed to ensure the longevity of the structures, and safety of the operations staff. The proposed mitigative measures include structures being designed to have a top of concrete/first floor elevations that are a minimum of three feet above the 100-year flood elevation, in accordance with Executive Order 13690.

CUMULATIVE IMPACTS

The proposed upgrades to the existing Plant Pump Station and Litchfield WPCF require evaluation of the cumulative impacts that may result from the changes in the natural values and function of the floodplain. Cumulative impacts include both direct and indirect impacts to the floodplain. The direct impacts to the flood plain include the proposed construction of new features above ground, including a new pump station, secondary clarifier, and headworks building. Minimal grading will occur, and there is no anticipated affect to the drainage patterns in the floodplain. There are no anticipated indirect impacts to the floodplain. These include disturbances that occur in areas outside of the floodplain, but affect the floodplains ability to manage large volumes of water. All of the proposed work is within the existing fence line of the Plant Pump Station and Litchfield WPCF, and on previously disturbed land within the floodplain.

EIGHT-STEP PROCESS

Following is a summary of the eight-step process, as laid out in §1970.256, and the steps completed to date.

Step 1: Determine if the Proposed Action is in a Floodplain.

The proposed action is within a 100-year floodplain.

Step 2: Preliminary Public Notices and Private Party Notification.

WLS D plans to publish a preliminary notice, in accordance with §1970.261, upon review of this EA, by USDA Rural Development.

Step 3: Search for Practicable Alternatives.

The search for practicable alternatives was completed as part of the PER and EA. The evaluation of alternatives included the proposed project, the local alternative as described in the PER and EA, the regional alternative with Torrington, and a no action alternative. The proposed project was determined to be the only practicable alternative. The local alternative is not economically feasible and does not provide the same regional benefits as the proposed



alternative, the regional alternative with Torrington was determined to not be economically feasible, and the no action alternative presents a significant public health and safety risk.

Step 4: Identify Adverse Impacts and Beneficial Values/Functions.

The cumulative impacts of the proposed Project include construction of new structures and grading within the floodplain. There are no indirect impacts anticipated, and the proposed project is not expected to affect the drainage patterns in the floodplain. The proposed construction activities will take place on previously disturbed land, within the existing fence of the Plant Pump Station and the Litchfield WPCF. No clearing of land is required. There are no concerns related to the natural environment, social impacts, economic, or legal concerns related to the proposed Project.

Step 5: Mitigate Adverse Impacts.

The proposed mitigative measures related to the Project will be implemented to ensure the longevity of the new structures, and safety of the operations staff. The proposed mitigative measures include structures being designed to have a top of concrete/first floor elevations that are a minimum of three feet above the 100-year flood elevation, in accordance with Executive Order 13690.

Step 6: Re-Evaluate Alternatives.

Based on the evaluation of the proposed alternative, it is the only practicable solution for performing a critical activity within the floodplain. It is not feasible to relocate the existing facilities, and the proposed work is necessary for public health and environmental preservation. No significant impacts to the floodplain are anticipated.

Step 7: Final Public Notice.

WLSD plans to publish a final notice, in accordance with §1970.261, upon action by USDA Rural Development on this EA.

Step 8: Implement Proposed Action with Appropriate Mitigation.

No final decision has been made by the USDA Rural Development. Upon final decision WLSD plans to follow the actions laid out in Step 8, according to §1970.256(h).

K. COASTAL AREAS

The ER must document whether any project sites are within the boundaries of a coastal zone management area (CZMA) and/or Coastal Barrier Resource Area (CBRA). For information related to CZMA, see National Oceanic and Atmospheric Administration, Office of Ocean and Coastal Resource Management's website, <https://coast.noaa.gov/czm/>. Development on Coastal Barrier Resources is prohibited except for a few narrow exceptions. More detailed instructions related to coastal areas can be found in 1970 Subpart O – Coastal Zones and Coastal Barriers.

This is not applicable. The Project site is not within the boundaries of a coastal zone management area.



L. IMPORTANT FARMLAND

The ER must document whether any project sites (except utility line construction) will convert agriculture lands defined as important farmland by the USDA Natural Resources Conservation Service (NRCS) to non-agricultural uses. For specific information related to effects to farmland see NRCS's website, <http://www.nrcs.usda.gov/wps/portal/nrcs/main/national/landuse/fppa/>. NRCS uses a land evaluation and site assessment (LESA) system to establish a "farmland conversion impact rating" score on proposed project sites. This score is used as an indicator for applicants and the Agency to consider alternative sites if the potential adverse impacts on farmland exceed the recommended allowable level (if total points are equal or exceed 160, alternative sites must be considered). The assessment is completed on a NRCS form, AD-1006, Farmland Conversion Impact Rating. The portions on the form that are indicated to be completed by a federal agency can be inputted by applicants in coordination with the Agency. The Agency, however, will coordinate the submittal of Form AD-1006 to the NRCS for processing. Implementation guidelines are located at 1970 Subpart L – "Land Use and Formally Classified Lands."

The work associated with the proposed Project will take place at the existing Plant Pump Station and WPCF sites, along the Litchfield interceptor sewer easement, as well as on Town roads and State Route 202 in Litchfield, CT. The existing sites are currently developed and do not require any additional land. As such, no existing agricultural land will be converted for non-agricultural uses. No alternative sites are being considered. Prime farmland soils and statewide important farmland soils in Goshen and Litchfield, CT are shown on Figure 7.

M. ENVIRONMENTAL RISK MANAGEMENT

The ER must document the affect hazardous materials, substances or wastes that may be released at, generated by, or required for the operation of a proposed facility may have in the context of a real estate transaction. In addition, the environmental condition of a property and any proposal's management and operation activities that use or create these materials or wastes need to be evaluated to determine and manage risks to the environment and people. These risks include the presence of lead-based paints, asbestos, or mold. In order to determine the environmental condition of a parcel of real estate, the applicant may be responsible for completing the ASTM E1528-14, Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process; ASTM E1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process; or ASTM E2247-08, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessments for Forestland or Rural Property. If the proposal includes an existing facility, the applicant may be responsible for completing the ASTM E2107, Standard Practice for Environmental Regulatory Compliance Audits. Implementation of these processes, as well as those described in 1970 Subpart J, "Environmental Due Diligence", is defined by each RD program, so consult the Agency environmental staff for further guidance.

No hazardous materials assessment for building construction materials (PCB, Asbestos, Lead Paint) has been completed at the Litchfield WPCF or the existing Plant Pump Station. As part of the Project design phase, a hazardous materials assessment will be completed at these locations. Any hazardous building materials encountered will be mitigated in accordance with all applicable local, state and federal regulations. The mitigation measures



will be completed in such a manner to minimize the risk of exposure to the surrounding areas and residents.

The proposed Project will upgrade Plant Pump Station and the existing on-site treatment systems at the Litchfield WPCF. The upgrades will improve the level of wastewater treatment and the overall effluent quality. The improved water quality will result in state-of-the-art effluent prior to discharge to the Bantam River. The improved effluent water quality will help to minimize the risk of exposure of waterborne pathogens to the environment and to the surrounding areas and residents.

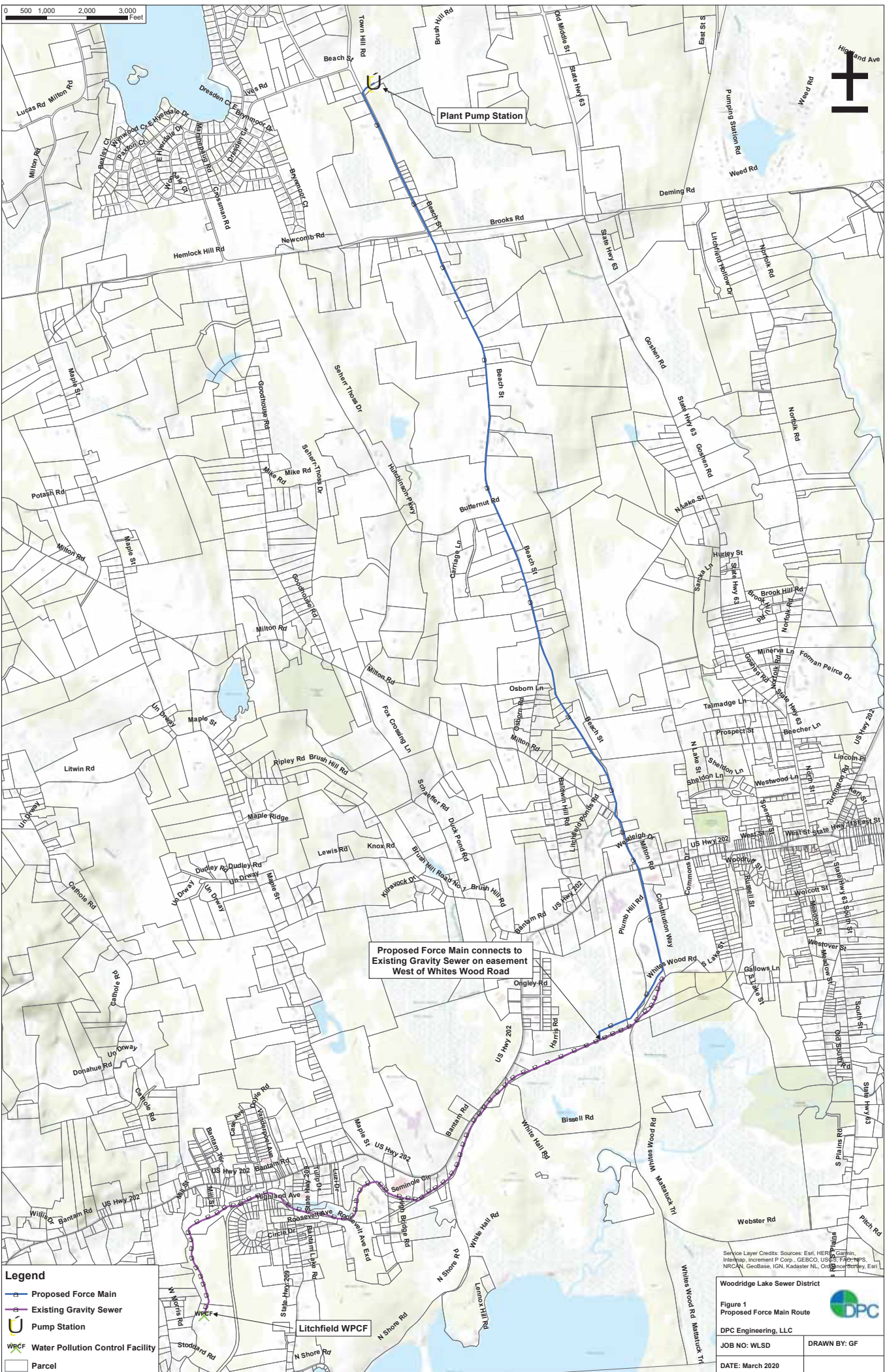
N. OTHER RESOURCES

The ER must document whether any project sites are located within key water resource areas such as sole source aquifers or wellhead protection areas. The ER must also identify, as appropriate, if the proposal will affect coral reef ecosystems of American Samoa, Florida, Guam, Hawaii, Northern Marianna Islands, Puerto Rico, and the U.S. Virgin Islands. Implementation guidelines are located at 1970 Subpart O – “Other Protected Resources.”

Portions of the proposed force main route are located in a wellhead protection area, as shown in Figure 8. WLS D is committed to ensuring that environmental requirements and standards are met during the construction of the proposed Project, and will implement mitigation efforts, where necessary.

Appendix A

Figures



Plant Pump Station

Proposed Force Main connects to Existing Gravity Sewer on easement West of Whites Wood Road

Litchfield WPCF

Legend

- Proposed Force Main
- Existing Gravity Sewer
- Pump Station
- Water Pollution Control Facility
- Parcel

Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, Geobase, IGN, Kadaster NL, Ordnance Survey, Esri

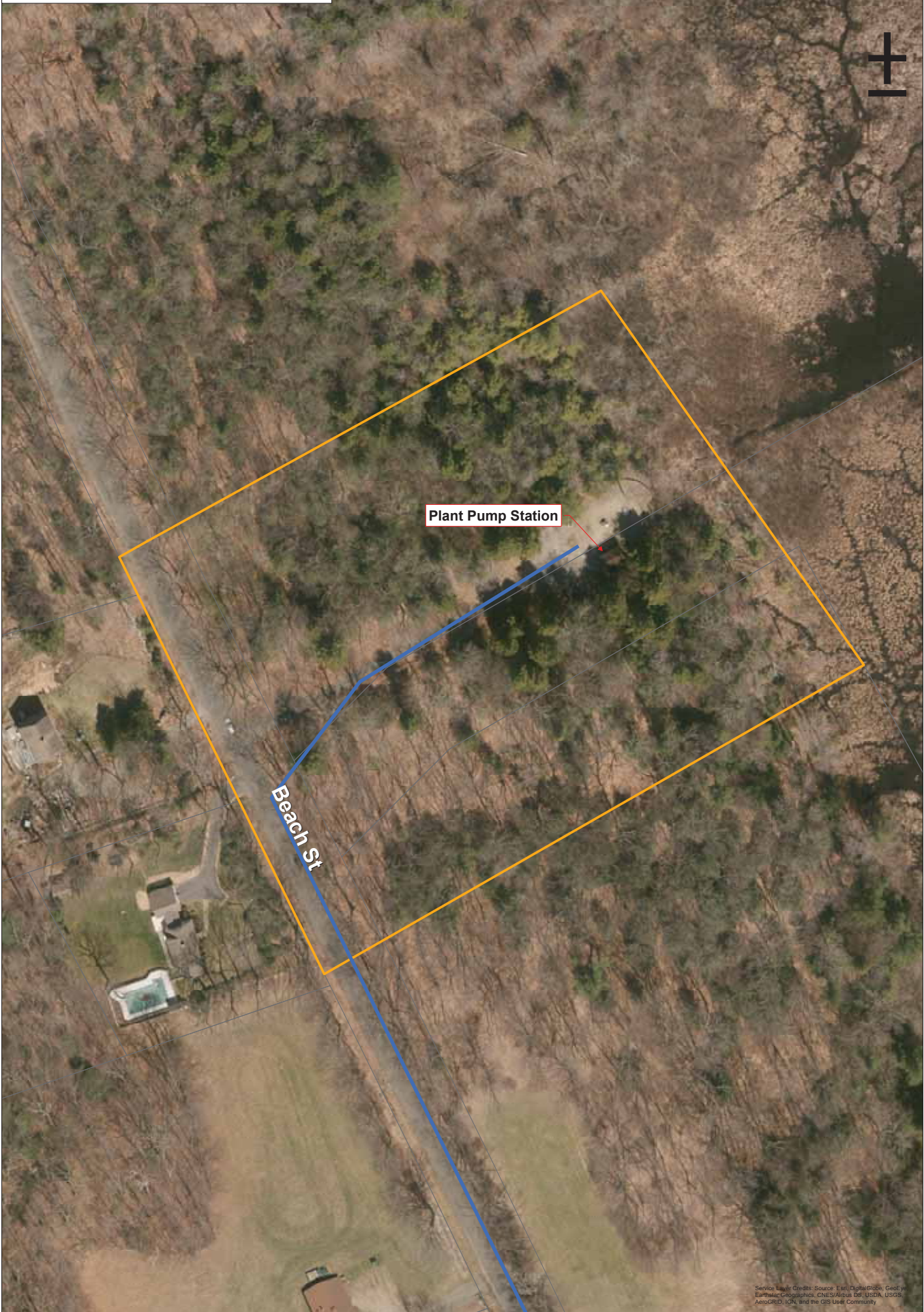
Woodridge Lake Sewer District

Figure 1 Proposed Force Main Route

DPC Engineering, LLC

JOB NO: WLSJ DRAWN BY: GF




DATE: March 2020



Plant Pump Station


Beach St

Legend

-  Proposed Force Main
-  Project Site
-  Parcel

Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Woodridge Lake Sewer District

Figure 2
Project Site - Plant Pump Station 

DPC Engineering, LLC

JOB NO: WLSJ	DRAWN BY: GF
DATE: March 2020	






Litchfield WPCF

W Morris Rd

Stoddard Rd


Legend

-  Existing Gravity Sewer
-  Project Site
-  Parcel

Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

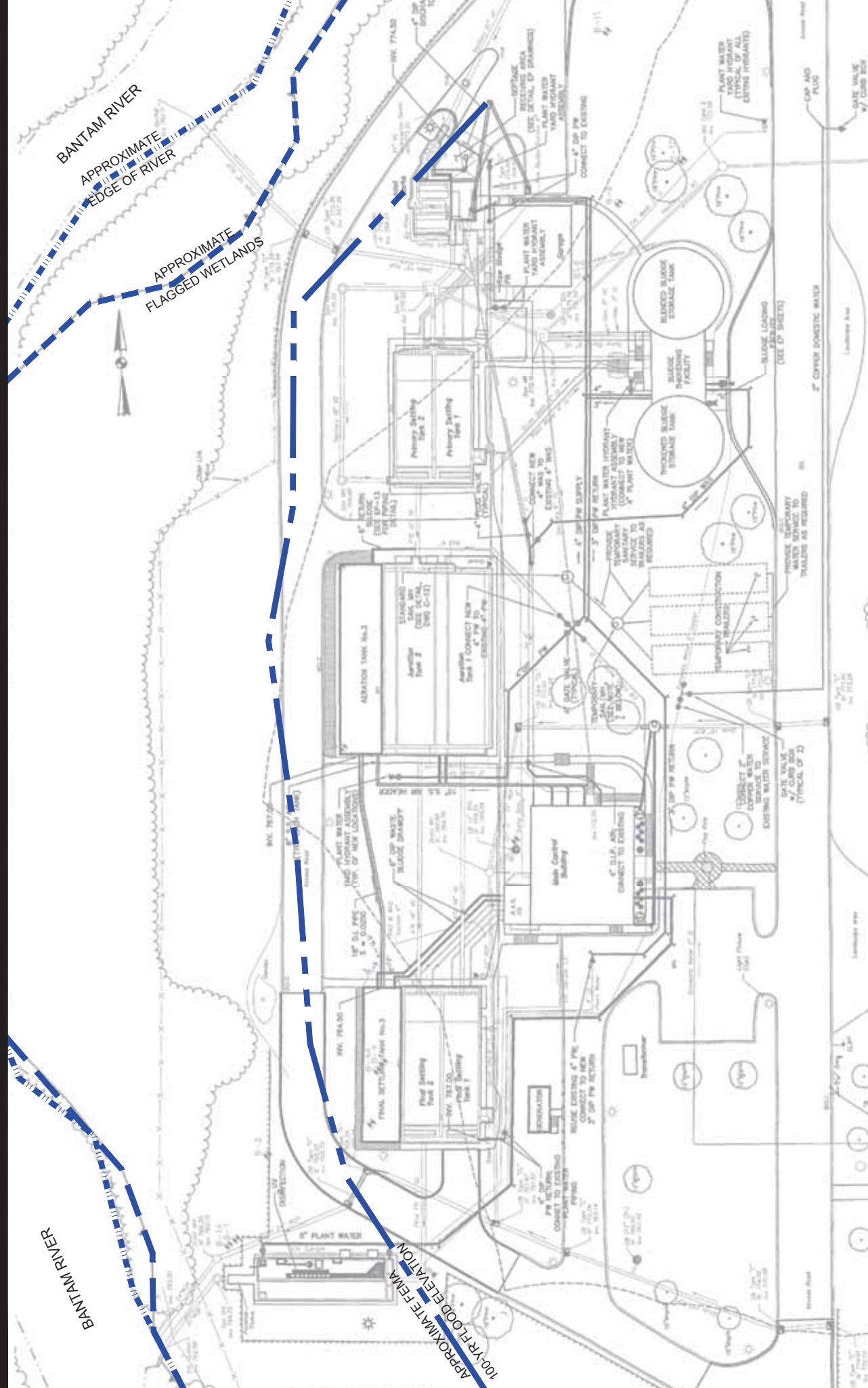
Woodridge Lake Sewer District

Figure 3
Project Site - Litchfield WPCF



DPC Engineering, LLC

JOB NO: WLSLD	DRAWN BY: GF
DATE: March 2020	



**0.6 MGD (ESTIMATED)
CURRENT CAPACITY**

EXISTING CONDITIONS PLAN

SCALE: 1" = 50'

LITCHFIELD
WATER POLLUTION
CONTROL FACILITY

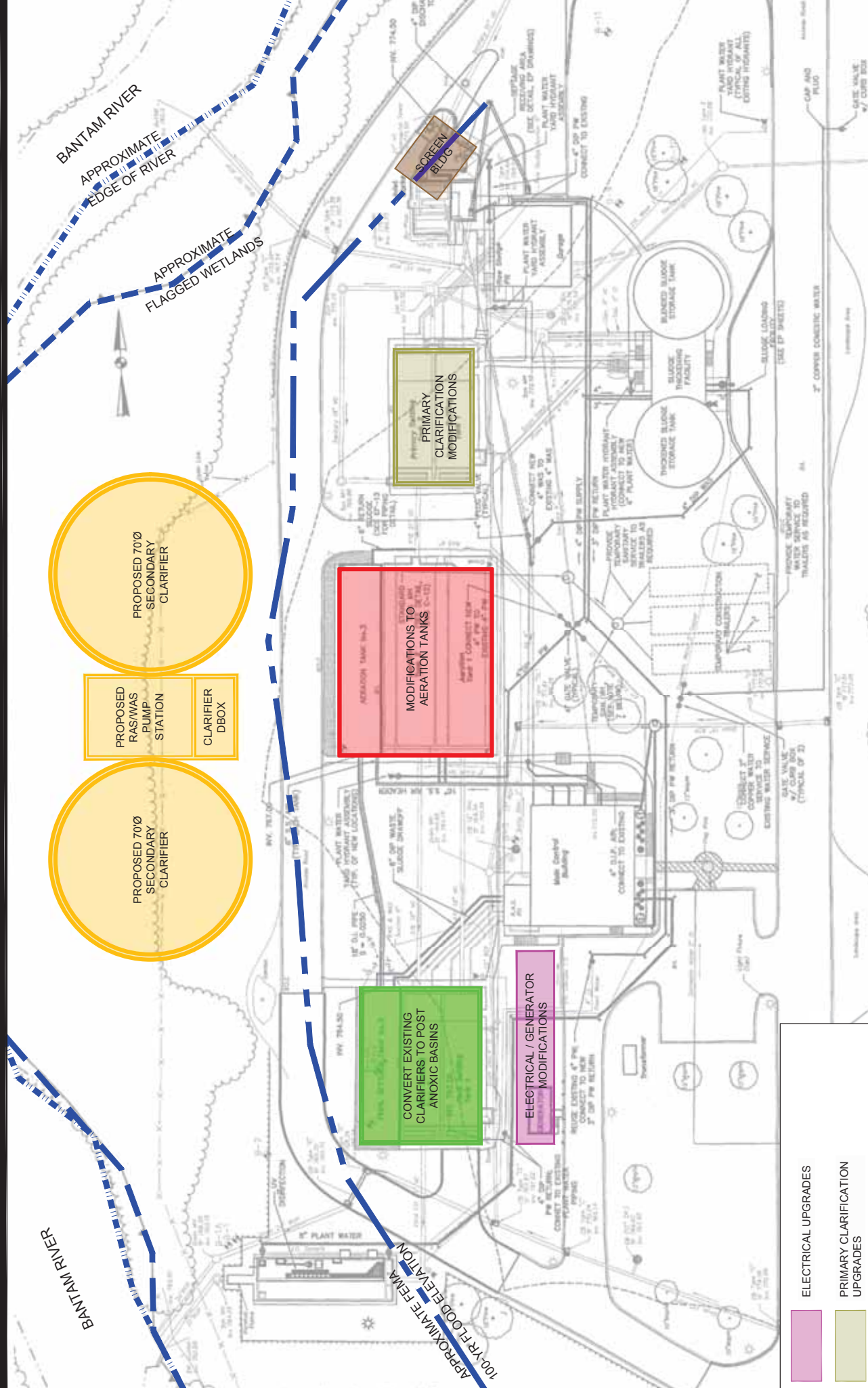
FIGURE 3B

USDA-RD: ER



DPC Engineering, LLC

MARCH 2020



LITCHFIELD WATER POLLUTION CONTROL FACILITY

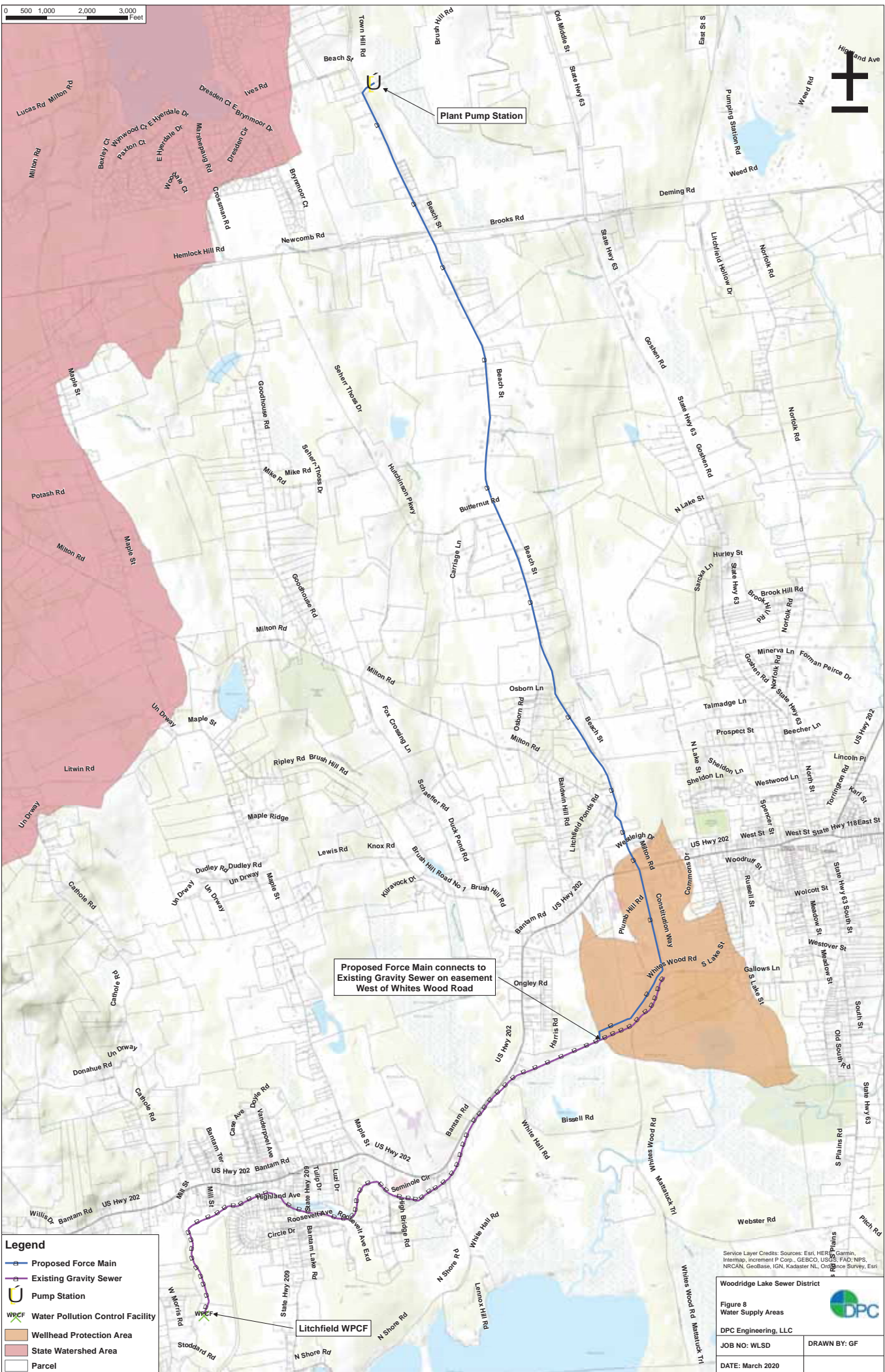
FIGURE 3C

USDA-RD: ER

0.95 MGD CONCEPT PLAN

SCALE: 1" = 50'

- ELECTRICAL UPGRADES
- PRIMARY CLARIFICATION UPGRADES
- PRE ANOXIC UPGRADES
- HEADWORKS UPGRADES
- AERATION BASIN UPGRADES
- SECONDARY CLARIFICATION UPGRADES



Plant Pump Station

Proposed Force Main connects to Existing Gravity Sewer on easement West of Whites Wood Road

Litchfield WPCF


Legend

- Proposed Force Main
- Existing Gravity Sewer
- Pump Station
- WPCF
- State Watershed Area
- Wellhead Protection Area
- Parcel

Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, Geobase, IGN, Kadaster NL, Ordnance Survey, Esri

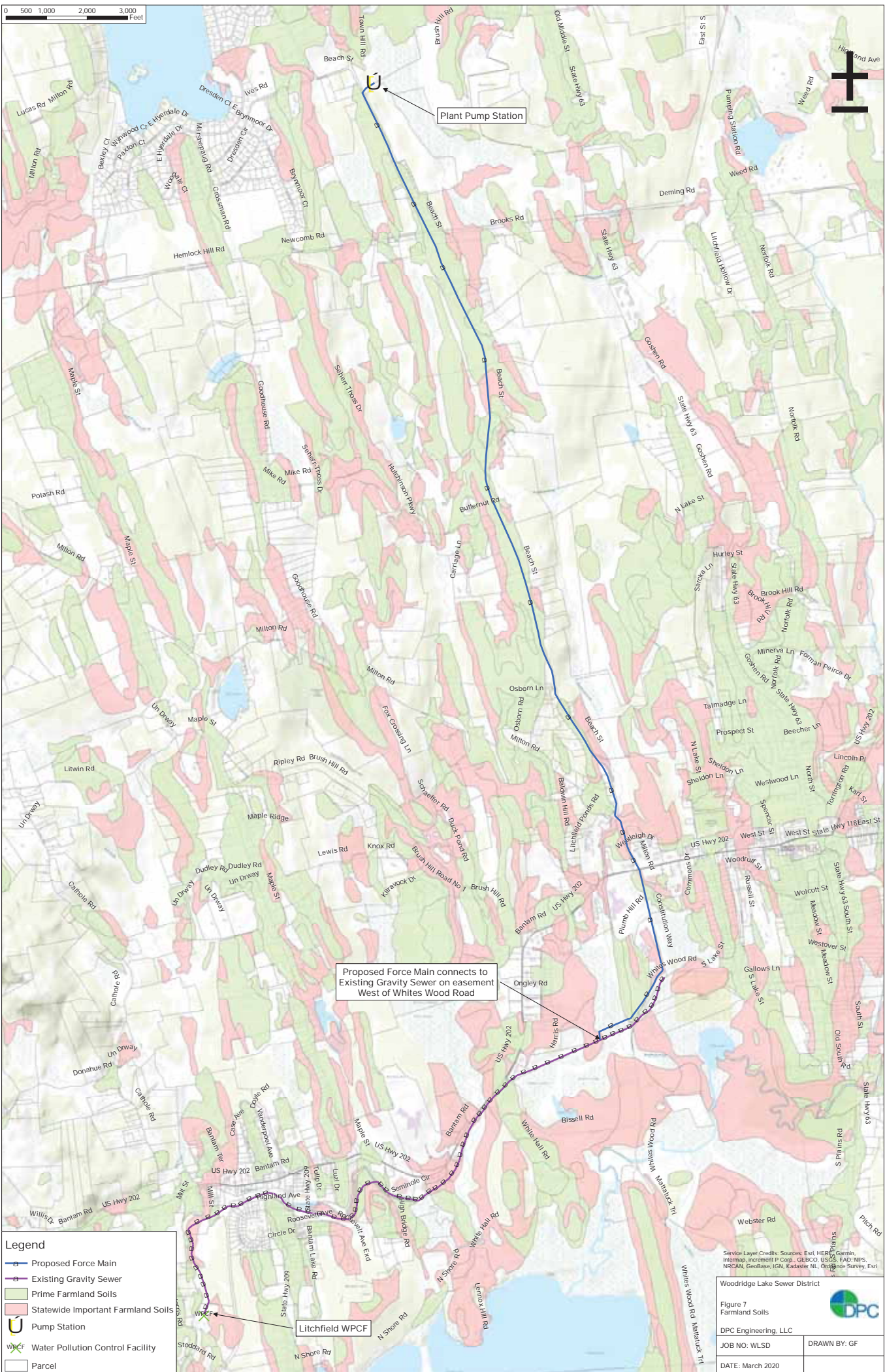
Woodridge Lake Sewer District

Figure 8
Water Supply Areas



DPC Engineering, LLC

JOB NO: WLSD	DRAWN BY: GF
DATE: March 2020	



Plant Pump Station

Proposed Force Main connects to Existing Gravity Sewer on easement West of Whites Wood Road

Litchfield WPCF

Legend

- Proposed Force Main
- Existing Gravity Sewer
- Prime Farmland Soils
- Statewide Important Farmland Soils
- Pump Station
- Water Pollution Control Facility
- Parcel

Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, Geobase, IGN, Kadaster NL, Ordnance Survey, Esri

Woodridge Lake Sewer District

Figure 7
Farmland Soils








DPC Engineering, LLC

JOB NO: WLSJ	DRAWN BY: GF
DATE: March 2020	

Figure 6
Q3 Flood Zone Data
Project Sites

Legend

-  100 Year Flood Zone
 -  100 Year Flood Zone, COBRA
 -  500 Year Flood Zone
 -  500 Year Flood Zone, COBRA
 -  Floodway in Zone AE
- Other Flood Areas**

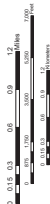
Explanation

The Q3 Flood Data are derived from Flood Insurance Rate Maps (FIRMs). They offer floodplain management, mitigation and provide insurance information for the National Flood Insurance Program (NFIP). 100 Year Flood Zones indicate that there is 1 out of 100 chances that the area will be flooded every year, while 500 Year Flood Zones indicate that there is 1 out of 500 chances that the area will be flooded every year. NOTE: The Q3 Flood Zone Data is the best available statewide. However, it is dated and may not represent current flood zone mapping. It is available for all towns except Windham. More accurate flood zone mapping data may be available for this town from FEMA. Refer to the National Flood Hazard Layer (NFHL) Database, which supersedes the Q3 Flood Data. The NFHL Database is not available for every county.

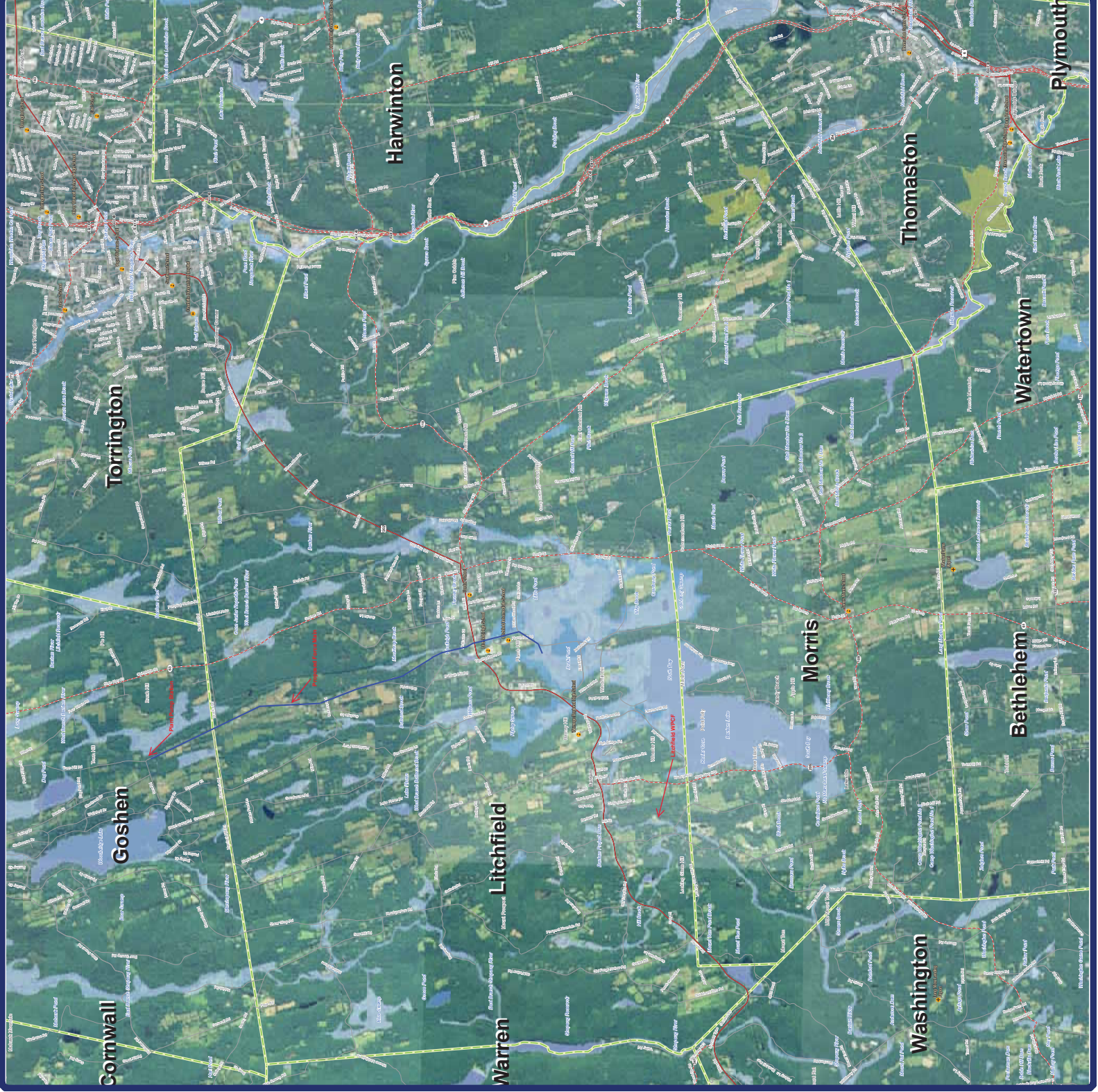
Data Sources

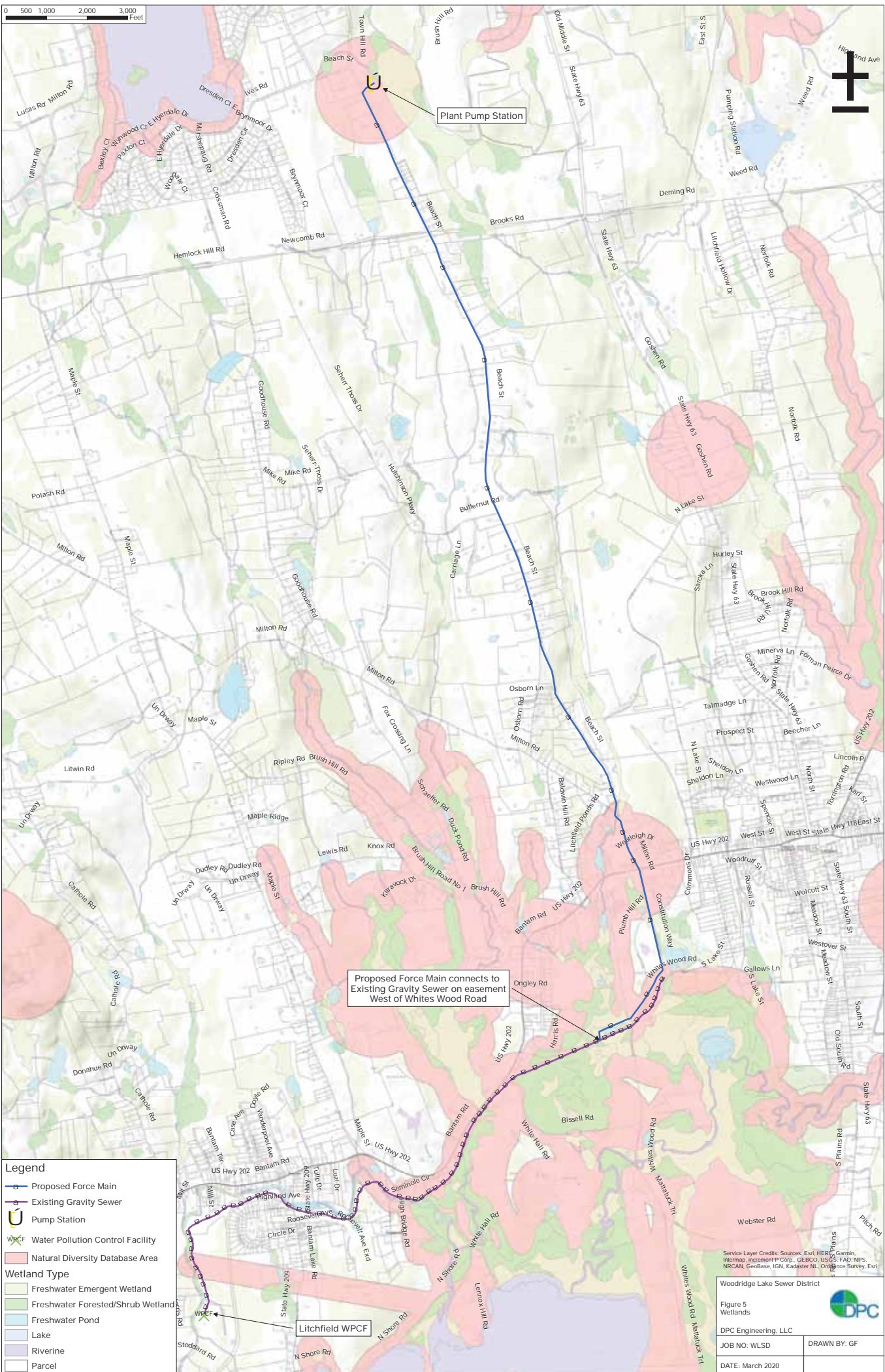
Q3 FLOOD DATA- Provided by the Federal Emergency Management Agency (FEMA).
 BASE MAP DATA - Based on data originally from 1:24,000-scale USGS 7.5 minute topographic quadrangle maps published between 1969 and 1992. It includes political boundaries and important geographic places and names. Streets and street names are from Tele Atlas copyrighted data. Base map information is neither current nor complete.

MAPS AND DIGITAL DATA - Visit the CT DEP website for this map and a variety of others. Visit the NCGS soils website for the soils data shown on this map. Visit the CT DEP website to download the base map digital spatial data shown on this map.



Map prepared by CT DEP
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 79 Hill Street
 Hartford, CT 06106-5127





Plant Pump Station

Proposed Force Main connects to Existing Gravity Sewer on easement West of Whites Wood Road

Litchfield WPCF


Legend

- Proposed Force Main
- Existing Gravity Sewer
- Pump Station
- Water Pollution Control Facility
- Natural Diversity Database Area
- Wetland Type**
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Riverine
- Parcel

Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, Geobase, IGN, Kadaster NL, Ordnance Survey, Esri

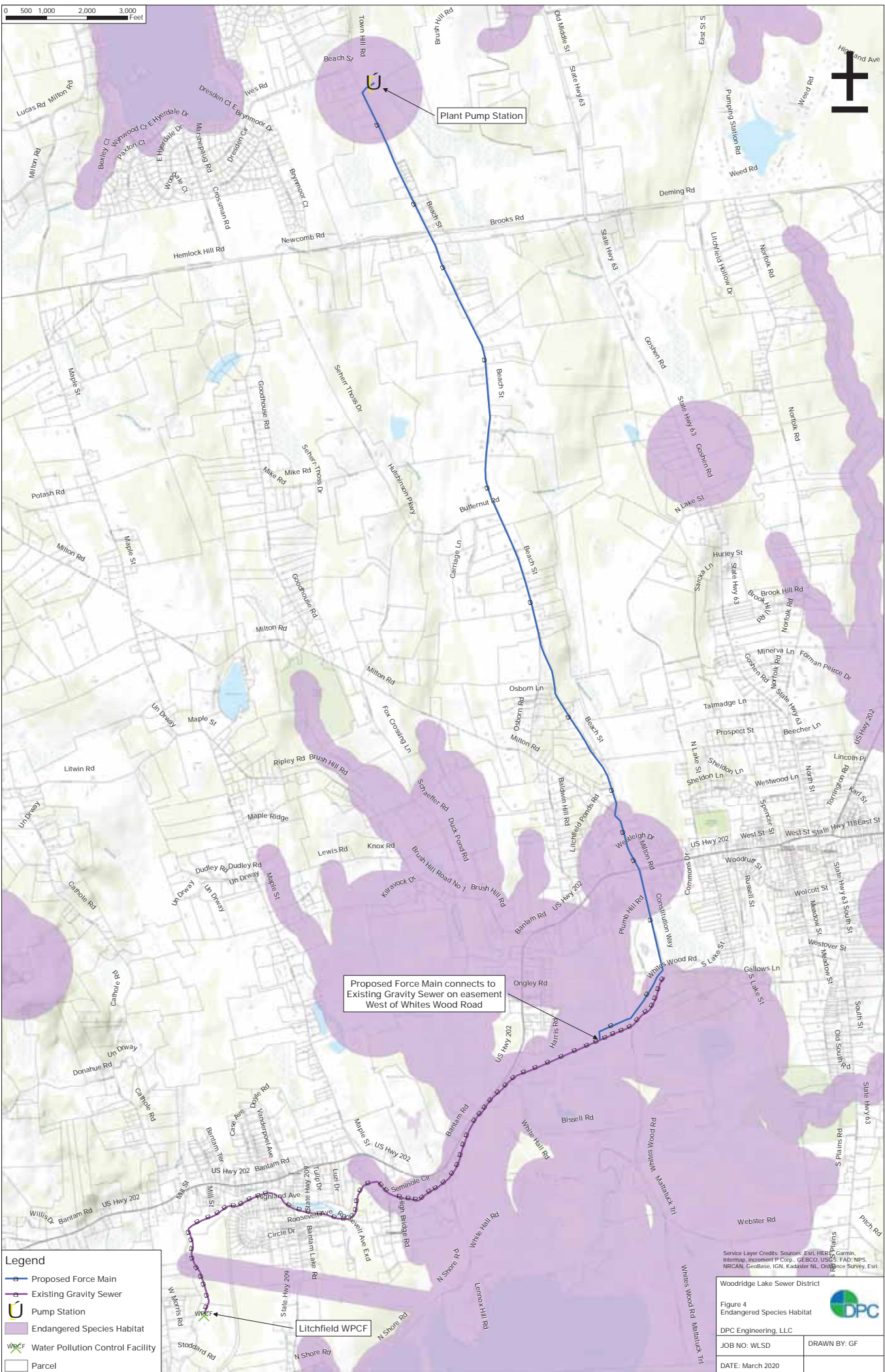
Woodridge Lake Sewer District

Figure 5
Wetlands



DPC Engineering, LLC

JOB NO: WLSJ	DRAWN BY: GF
DATE: March 2020	



Legend

- Proposed Force Main
- Existing Gravity Sewer
- Pump Station
- Endangered Species Habitat
- Water Pollution Control Facility
- Parcel

Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri

Woodridge Lake Sewer District

Figure 4
Endangered Species Habitat

DPC

DPC Engineering, LLC

JOB NO: WLSJ	DRAWN BY: GF
DATE: March 2020	

Appendix B
Intergovernmental Review
Consultation Form

- 4) Site plan [A site plan showing buildings, roads, resource locations and other key features of the proposed site]

Attachment 2: USDA Rural Development Intergovernmental Review Consultation Form

Project Name: Regional Wastewater Management Project, WLSD

- 1) Is the proposal consistent with State or local government planning goals?

Yes No

- 2) Does the proposal duplicate, run counter to, or need to be coordinated with other activities, or might it be revised to increase its effectiveness?

Yes No

- 3) Will the proposal contribute to achieving state or local government goals relating to natural and human resources or economic and community development?

Yes No

- 4) Are there environmental impacts and alternatives that should be considered in the Agency's environmental review?

Yes No

- 5) Will the proposal influence area growth or delivery of services, including any disproportionate effects on minority groups?

Yes No

6) Will the proposal impact energy resource supply and demand?

Yes No

7) Will the proposal displace people or businesses?

Yes No

8) Will the proposal be located in a Coastal Zone or Coastal Barrier Resource Area and is it consist with any State coastal management plan?

Yes No

Comments:

Signature/Title

Date

Appendix C
Request for NDDDB State
Listed Species Review



Connecticut Department of
 Energy & Environmental Protection
 Bureau of Natural Resources
 Wildlife Division

CPPU USE ONLY	
App #:	_____
Doc #:	_____
Check #:	No fee required
Program:	Natural Diversity Database Endangered Species
Hardcopy	_____ Electronic _____

Request for Natural Diversity Data Base (NDDB) State Listed Species Review

Please complete this form in accordance with the [instructions](#) (DEEP-INST-007) to ensure proper handling of your request.

There are no fees associated with NDDB Reviews.

Part I: Preliminary Screening & Request Type

<p>Before submitting this request, you must review the most current Natural Diversity Data Base "State and Federal Listed Species and Significant Natural Communities Maps" found on the DEEP website. These maps are updated twice a year, usually in June and December.</p> <p>Does your site, including all affected areas, fall in an NDDB Area according to the map instructions: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Enter the date of the map reviewed for pre-screening: <u>February 3, 2020</u></p>	
This form is being submitted for a :	
<input checked="" type="checkbox"/> <i>New</i> NDDB request <input type="checkbox"/> <i>Renewal/Extension</i> of a NDDB Request, without modifications and within two years of issued NDDB determination (no attachments required) <small>[CPPU Use Only - NDDB-Listed Species Determination # 1736]</small>	<input type="checkbox"/> New Safe Harbor Determination (optional) must be associated with an application for a GP for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities <input type="checkbox"/> <i>Renewal/Extension</i> of an existing Safe Harbor Determination <input type="checkbox"/> With modifications <input type="checkbox"/> Without modifications (no attachments required) <small>[CPPU Use Only - NDDB-Safe Harbor Determination # 1736]</small>
Enter NDDB Determination Number for Renewal/Extension:	Enter Safe Harbor Determination Number for Renewal/Extension:

Part II: Requester Information

If the requester is a corporation, limited liability company, limited partnership, limited liability partnership, or a statutory trust, it must be registered with the Secretary of State. If applicable, the name shall be stated **exactly as it is registered with the Secretary of State. Please note, for those entities registered with the Secretary of State, the registered name will be the name used by DEEP. This information can be accessed at the Secretary of the State's database CONCORD. (www.concord-sots.ct.gov/CONCORD/index.jsp)*

If the requester is an individual, provide the legal name (include suffix) in the following format: First Name; Middle Initial; Last Name; Suffix (Jr, Sr., II, III, etc.).

If there are any changes or corrections to your company/facility or individual mailing or billing address or contact information, please complete and submit the [Request to Change company/Individual Information](#) to the address indicated on the form.

1. Requester*

Company Name: **DPC Engineering, LLC**

Contact Name: **James Rivers**

Address: **22 Northfield Road**

City/Town: **Longmeadow**

State: **MA**

Zip Code: **01106**

Business Phone: **413-244-6072**

ext.

E-mail: **james.rivers@dpcengineering.com

**By providing this email address you are agreeing to receive official correspondence from the department, at this electronic address, concerning this request. Please remember to check your security settings to be sure you can receive emails from "ct.gov" addresses. Also, please notify the department if your e-mail address changes

a) Requester can best be described as:

Individual Federal Agency State agency Municipality Tribal

business entity (if a business entity complete i through iii):

i) Check type corporation limited liability company limited partnership
 limited liability partnership statutory trust Other:

ii) Provide Secretary of the State Business ID #: This information can be accessed at the
Secretary of the State's database (CONCORD). (www.concord-sots.ct.gov/CONCORD/index.jsp)

iii) Check here if your business is **NOT** registered with the Secretary of State's office.

b) Acting as (Affiliation), pick one:

Property owner Consultant Engineer Facility owner Applicant

Biologist Pesticide Applicator Other representative:

2. List Primary Contact to receive Natural Diversity Data Base correspondence and inquiries, if different from requester.

Company Name:

Contact Person:

Title:

Mailing Address:

City/Town:

State:

Zip Code:

Business Phone:

ext.

**E-mail:

Part III: Site Information

This request can only be completed for one site. A separate request must be filed for each additional site.

<p>1. SITE NAME AND LOCATION</p> <p>Site Name or Project Name: Regional Wastewater Management Project</p> <p>Town(s): Goshen, CT and Litchfield, CT</p> <p>Street Address or Location Description: Goshen/Litchfield, CT</p> <p>Size in acres, or site dimensions: N/A</p> <p>Latitude and longitude of the center of the site in decimal degrees (e.g., 41.23456 -71.68574):</p> <p>Latitude: N/A Longitude: N/A</p> <p>Method of coordinate determination (check one):</p> <p><input type="checkbox"/> GPS <input type="checkbox"/> Photo interpolation using CTECO map viewer <input type="checkbox"/> Other (specify):</p> <p>2a. Describe the current land use and land cover of the site.</p> <p>The Project includes the existing site of the Plant Pump Station in Goshen, CT and the Litchfield WPCF in Litchfield, CT, as well as the proposed in-road force main route between the two sites. The existing sites are used for wastewater pumping and processing.</p> <p>b. Check all that apply and enter the size in acres or % of area in the space after each checked category.</p> <table><tr><td><input type="checkbox"/> Industrial/Commercial _____</td><td><input type="checkbox"/> Residential _____</td><td><input type="checkbox"/> Forest _____</td></tr><tr><td><input type="checkbox"/> Wetland _____</td><td><input type="checkbox"/> Field/grassland _____</td><td><input type="checkbox"/> Agricultural _____</td></tr><tr><td><input type="checkbox"/> Water _____</td><td><input type="checkbox"/> Utility Right-of-way _____</td><td></td></tr><tr><td><input type="checkbox"/> Transportation Right-of-way _____</td><td colspan="2"><input checked="" type="checkbox"/> Other (specify): Wastewater</td></tr></table>	<input type="checkbox"/> Industrial/Commercial _____	<input type="checkbox"/> Residential _____	<input type="checkbox"/> Forest _____	<input type="checkbox"/> Wetland _____	<input type="checkbox"/> Field/grassland _____	<input type="checkbox"/> Agricultural _____	<input type="checkbox"/> Water _____	<input type="checkbox"/> Utility Right-of-way _____		<input type="checkbox"/> Transportation Right-of-way _____	<input checked="" type="checkbox"/> Other (specify): Wastewater	
<input type="checkbox"/> Industrial/Commercial _____	<input type="checkbox"/> Residential _____	<input type="checkbox"/> Forest _____										
<input type="checkbox"/> Wetland _____	<input type="checkbox"/> Field/grassland _____	<input type="checkbox"/> Agricultural _____										
<input type="checkbox"/> Water _____	<input type="checkbox"/> Utility Right-of-way _____											
<input type="checkbox"/> Transportation Right-of-way _____	<input checked="" type="checkbox"/> Other (specify): Wastewater											

Part IV: Project Information

<p>1. PROJECT TYPE:</p> <p>Choose Project Type: Stormwater/waste/water discharge , If other describe: _____</p>
<p>2. Is the subject activity limited to the maintenance, repair, or improvement of an existing structure within the existing footprint? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, explain.</p>

Part IV: Project Information (continued)

3. Give a detailed description of the activity which is the subject of this request and describe the methods and equipment that will be used. Include a description of steps that will be taken to minimize impacts to any known listed species.

This request is to determine the State Listed Species that occupy the proposed Project location as part of an Environmental Report for a USDA-RD funding application. Upon determination of the State Listed Species, further information will be submitted regarding the methods and equipment that will be used as part of the proposed Project. This request is for a preliminary study.

4. If this is a renewal or extension of an existing Safe Harbor request *with* modifications, explain what about the project has changed.

Not applicable.

5. Provide a contact for questions about the project details if different from Part II primary contact.

Name:

Phone:

E-mail:

Part V: Request Requirements and Associated Application Types

Check *one* box from either Group 1, Group 2 or Group 3, indicating the appropriate category for this request.

Group 1. If you check one of these boxes, complete Parts I – VII of this form and submit the required attachments A and B.

- Preliminary screening was negative but an NDDB review is still requested
- Request regards a municipally regulated or unregulated activity (no state permit/certificate needed)
- Request regards a preliminary site assessment or project feasibility study
- Request relates to land acquisition or protection
- Request is associated with a *renewal* of an existing permit or authorization, with no modifications

Group 2. If you check one of these boxes, complete Parts I – VII of this form and submit required attachments A, B, and C.

- Request is associated with a *new* state or federal permit or authorization application or registration
- Request is associated with modification of an existing permit or other authorization
- Request is associated with a permit enforcement action
- Request regards site management or planning, requiring detailed species recommendations
- Request regards a state funded project, state agency activity, or CEPA request

Group 3. If you are requesting a **Safe Harbor Determination**, complete Parts I-VII and submit required attachments A, B, and D. Safe Harbor determinations can only be requested if you are applying for a GP for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities

If you are filing this request as part of a state or federal permit application(s) enter the application information below.

Permitting Agency and Application Name(s): _____

Related State DEEP Permit Number(s), if applicable: _____

State DEEP Enforcement Action Number, if applicable: _____

State DEEP Permit Analyst(s)/Engineer(s), if known: _____

Is this request related to a previously submitted NDDB request? Yes No

If yes, provide the previous NDDB Determination Number(s), if known: _____

Part VI: Supporting Documents

Check each attachment submitted as verification that *all* applicable attachments have been supplied with this request form. Label each attachment as indicated in this part (e.g., Attachment A, etc.) and be sure to include the requester's name, site name and the date. **Please note that Attachments A and B are required for all new requests and Safe Harbor renewals/extensions with modifications.** Renewals/Extensions with no modifications do not need to submit any attachments. Attachments C and D are supplied at the end of this form.

<input checked="" type="checkbox"/> Attachment A:	Overview Map: an 8 1/2" X 11" print/copy of the relevant portion of a USGS Topographic Quadrangle Map clearly indicating the exact location of the site.
<input checked="" type="checkbox"/> Attachment B:	Detailed Site Map: fine scaled map showing site boundary and area of work details on aerial imagery with relevant landmarks labeled. (Site and work boundaries in GIS [ESRI ArcView shapefile, in NAD83, State Plane, feet] format can be substituted for detailed maps, see instruction document)
<input type="checkbox"/> Attachment C:	Supplemental Information, Group 2 requirement (attached, DEEP-APP-007C) <input type="checkbox"/> Section i: Supplemental Site Information and supporting documents <input type="checkbox"/> Section ii: Supplemental Project Information and supporting documents
<input type="checkbox"/> Attachment D:	Safe Harbor Report Requirements, Group 3 (attached, DEEP-APP-007D)

Part VII: Requester Certification

The requester *and* the individual(s) responsible for actually preparing the request must sign this part. A request will be considered incomplete unless all required signatures are provided.

<p>"I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that based on reasonable investigation, including my inquiry of the individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief."</p>	
<hr/> Signature of Requester (a typed name will substitute for a handwritten signature)	<hr/> February 3, 2020 Date
<hr/> James Rivers Name of Requester (print or type)	<hr/> Staff Engineer Title (if applicable)
<hr/> Signature of Preparer (if different than above)	<hr/> Date
<hr/> Name of Preparer (print or type)	<hr/> Title (if applicable)

Note: Please submit the completed Request Form and all Supporting Documents to:




CENTRAL PERMIT PROCESSING UNIT
 DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION
 79 ELM STREET
 HARTFORD, CT 06106-5127

Or email request to: deep.nddbrequest@ct.gov

Natural Diversity Data Base Areas

GOSHEN, CT

June 2019

-  State and Federal Listed Species
-  Critical Habitat
-  Town Boundary

NOTE: This map shows general locations of State and Federal Listed Species and Critical Habitats. Information on listed species is collected and compiled by the Natural Diversity Data Base (NDDB) from a variety of data sources. Exact locations of species have been buffered to produce the generalized locations.

This map is intended for use as a preliminary screening tool for conducting a Natural Diversity Data Base Review Request. To use the map, locate the project boundaries and any additional affected areas if the project is within a hatched area there may be a potential conflict with a listed species. For more information, complete a Request for Natural Diversity Data Base State Listed Species Review form (DEP-APP-007), and submit it to the NDDB along with the required maps and information. More detailed instructions are provided with the request form on our website.

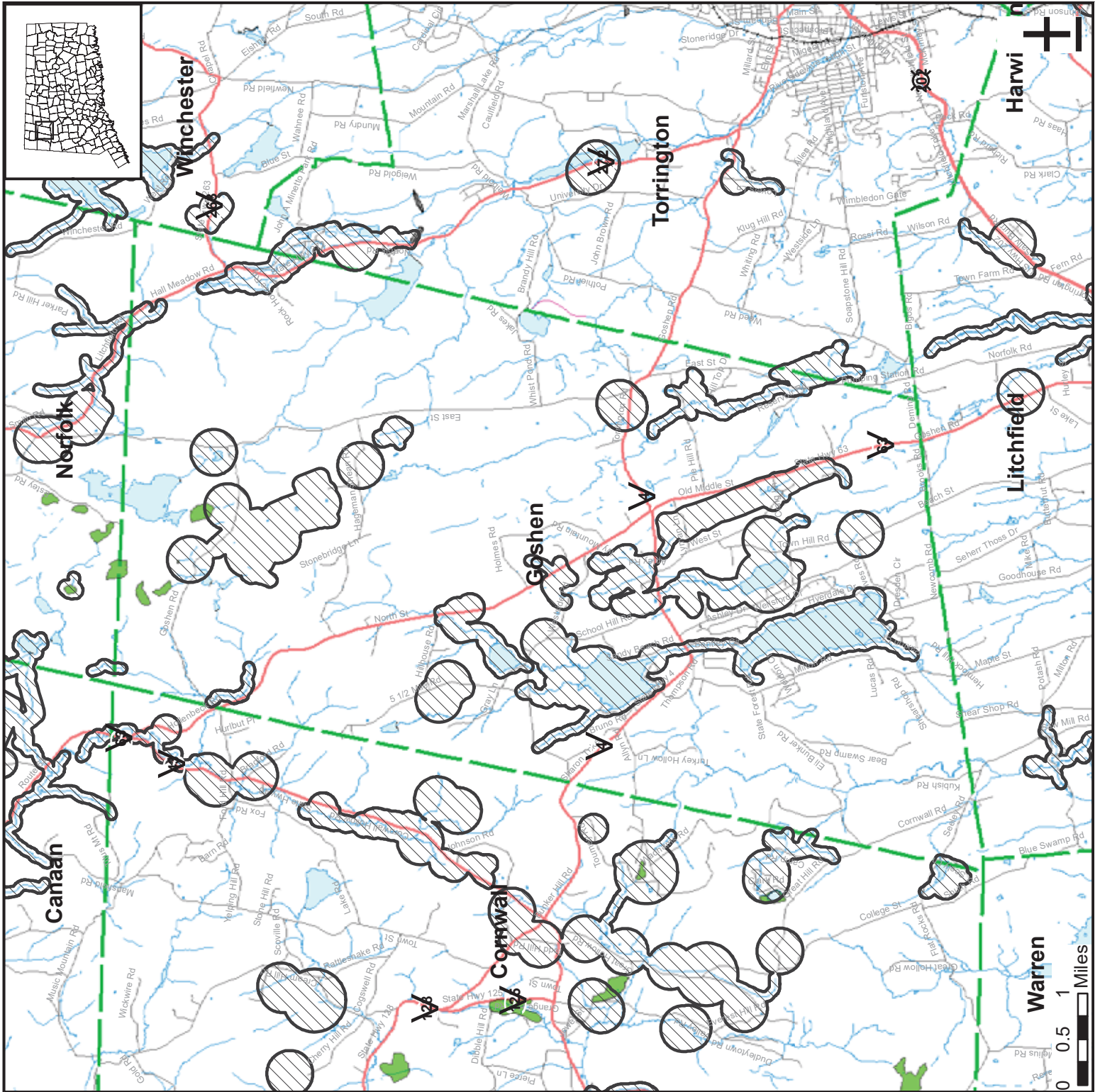
www.ct.gov/deep/nddbrequest

Use the CTECO Interactive Map Viewers at www.cteco.uconn.edu to more precisely search for and locate a site and to view aerial imagery with NDDB Areas.

QUESTIONS: Department of Energy and Environmental Protection (DEEP)
79 Elm St, Hartford, CT 06106
email: deep.nddbrequest@ct.gov
Phone: (860) 424-3011






Connecticut Department of
Energy & Environmental Protection
Bureau of Natural Resources
Wildlife Division



Natural Diversity Data Base Areas

LITCHFIELD, CT

June 2019

-  State and Federal Listed Species
-  Critical Habitat
-  Town Boundary

NOTE: This map shows general locations of State and Federal Listed Species and Critical Habitats. Information on listed species is collected and compiled by the Natural Diversity Data Base (NDDB) from a variety of data sources. Exact locations of species have been buffered to produce the generalized locations.

This map is intended for use as a preliminary screening tool for conducting a Natural Diversity Data Base Review Request. To use the map, locate the project boundaries and any additional affected areas if the project is within a hatched area there may be a potential conflict with a listed species. For more information, complete a Request for Natural Diversity Data Base State Listed Species Review form (DEP-APP-007), and submit it to the NDDB along with the required maps and information. More detailed instructions are provided with the request form on our website.

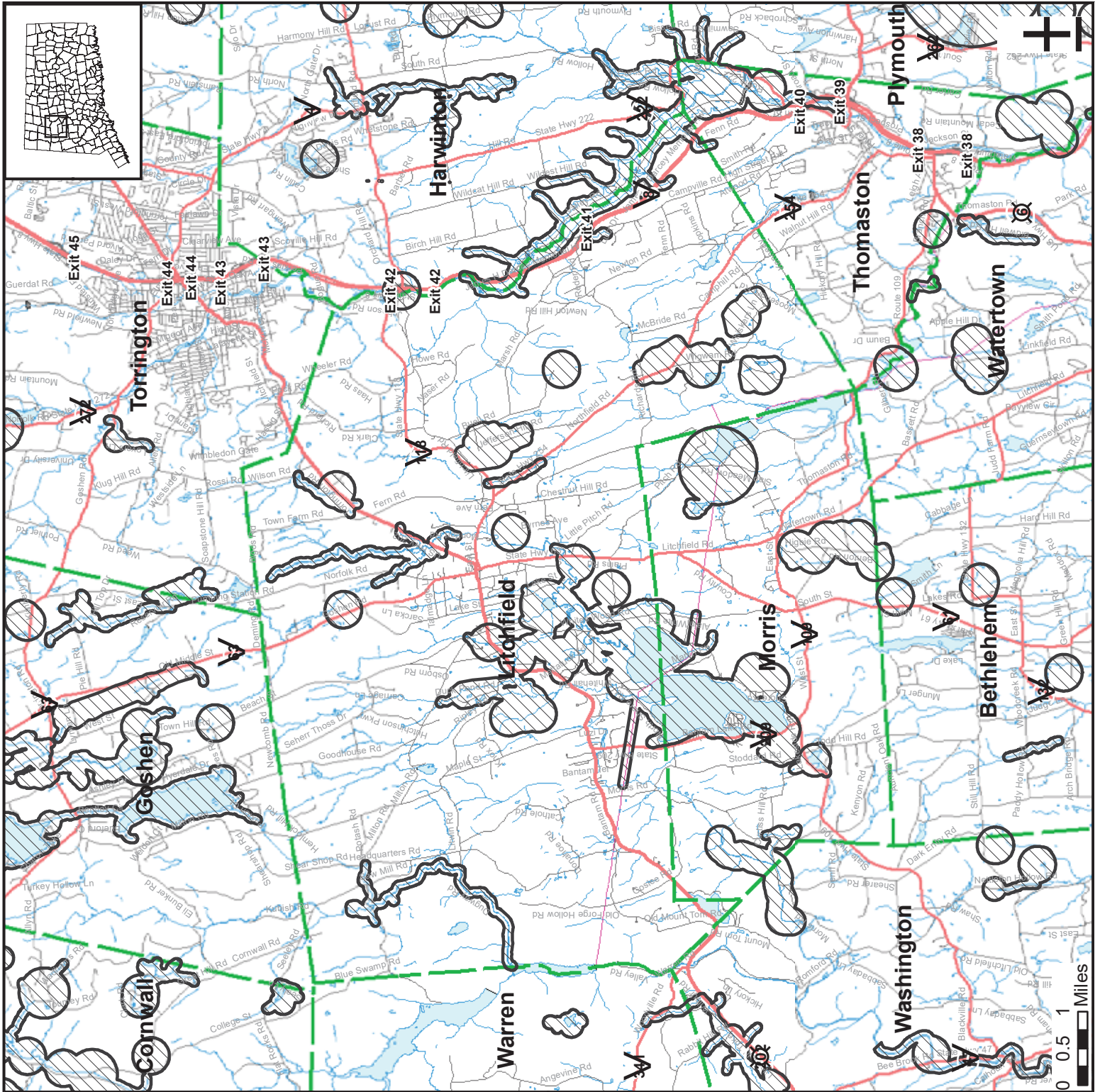
www.ct.gov/deep/nddbrequest

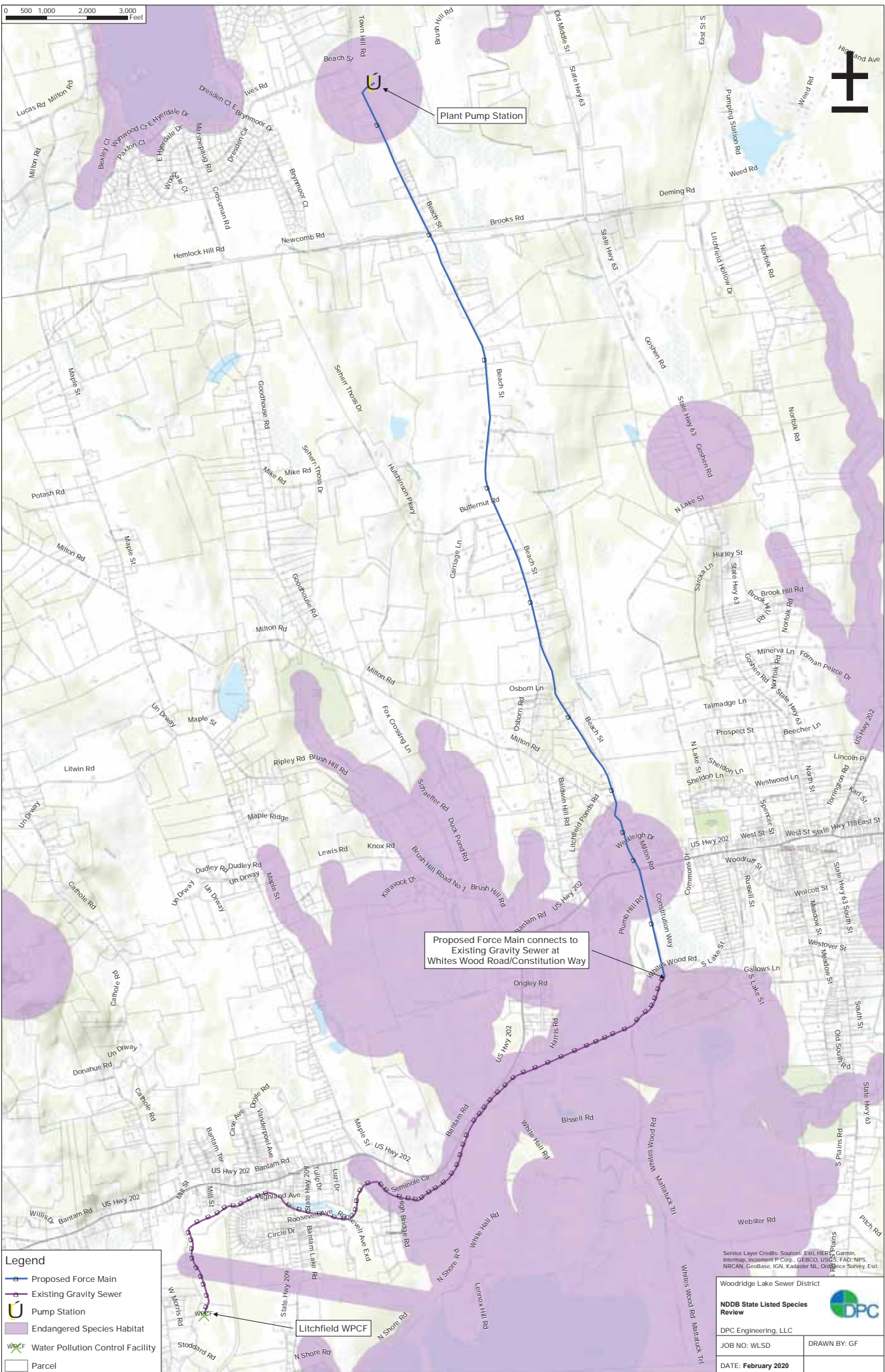
Use the CTECO Interactive Map Viewers at www.cteco.uconn.edu to more precisely search for and locate a site and to view aerial imagery with NDDB Areas.

QUESTIONS: Department of Energy and Environmental Protection (DEEP)
79 Elm St, Hartford, CT 06106
email: deep.nddbrequest@ct.gov
Phone: (860) 424-3011



Connecticut Department of
Energy & Environmental Protection
Bureau of Natural Resources
Wildlife Division





Proposed Force Main connects to Existing Gravity Sewer at Whites Wood Road/Constitution Way

Litchfield WPCF

Legend

- Proposed Force Main
- Existing Gravity Sewer
- Pump Station
- Endangered Species Habitat
- Water Pollution Control Facility
- Parcel

Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAD, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri

Woodridge Lake Sewer District

NDDB State Listed Species Review

DPC Engineering, LLC

JOB NO: WLSJ DRAWN BY: GF

DATE: February 2020



February 19, 2020

James Rivers.
DPC Engineering LLC
22 Northfield Rd
Longmeadow MA 01106
James.rivers@dpcengineering.com

Project: Preliminary Assessment for the Regional Wastewater Management Project in Goshen and Litchfield, Connecticut
NDDB Preliminary Assessment No.: 202002085

Dear Mr. Rivers,

I have reviewed Natural Diversity Database maps and files regarding the area provided for a preliminary assessment of the proposed new in-road force main route between the existing Plant Pump Station in Goshen and connecting to and upgrading the existing line to the WPCF in Litchfield, Connecticut. According to our records there are known extant populations of State Listed Species that occur within or close to the boundaries of this project.

There are records of nesting Special Concern Broad-winged hawks (*Buteo platypterus*) near the Goshen pump station. The Broad-winged hawk is a neotropical migrant hawk that nests in deciduous or mixed forest. Its breeding season extends between April 15 and the end of July. Nests are often located adjacent to wetlands or other interior forest openings. They forage on amphibians, small mammals, and insects. Active nests benefit from a 660ft (200m) setback from new activities. Do not begin to cut, clear, or remove trees between April 15- July 30.

Populations of the State Endangered plant Stiff gentian (*Gentianella quinquefolia*) and State Special Concern Pale green orchid (*Platanthera flava* var. *herbiola*) occur in a wet meadow near the intersection of Milton Road and Route 202. Any work or staging in this area should be confined to the existing road right-of-way, or plan on conducting botanical surveys and creating a protection plan.

In the area where the right-of-way passes through the Moulthrop Brook/Bantam River Alluvial Marsh Critical Habitat there are records of Northern leopard frogs (*Rana pipiens*) that occur in the right-of-way and the surrounding wetlands. The northern leopard frog is a species of Special Concern frog that utilizes open, grassy habitats either along the floodplain of a large stream or river, as well as wetlands around the margins of large lakes, and they overwinter in stream and pond bottoms. Leopard frogs are active from late March to mid-October. Recommended protection measures may include strategies to protect and enhance wetland habitat in all areas where floodplain and alluvial marsh and wet meadow habitat will be impacted. No gravel or hard surface should be placed in any floodplain or alluvial marsh habitat. If land clearing or disturbance occurs during the active season, geotextile silt fence is required to be installed along the perimeter of the project disturbance limits to prevent frogs from entering the work area. Construction personnel should be notified of the presence of this species and provide information to assist in the identification of leopard frogs. Herbicide treatments should not take place in any wetlands where tadpoles are developing. This species can be difficult to identify and differentiate from the more common pickerel frog. Photographs can aid in identification.

In this same area of marsh, there are records of State Endangered American bittern, King rail, Common moorhen, Threatened Least bittern and Special Concern Alder flycatcher, rare marsh birds utilizing the areas around Little Pond. These are mainly secretive wetland birds that nests in marsh complexes. They are most susceptible to human disturbance during the breeding season. If work is conducted outside of the breeding season (April through August), and standard protocols for protection of wetlands are followed and maintained during the course of the project, potential impacts to these species will be reduced.

Please be advised that this is a preliminary review and not a final determination. A more detailed review will be necessary to move forward with any environmental permit applications submitted to DEEP for the proposed project. **This preliminary assessment letter cannot be used or submitted with permit applications at DEEP.** This letter is valid for one year.

To prevent impacts to State-listed species, field surveys of the site should be performed by a qualified biologist with the appropriate scientific collecting permits at a time when these target species are identifiable. A report summarizing the results of such surveys should include:

1. Survey date(s) and duration
2. Site descriptions and photographs
3. List of component vascular plant and animal species within the survey area (including scientific binomials)
4. Data regarding population numbers and/or area occupied by State-listed species
5. Detailed maps of the area surveyed including the survey route and locations of State listed species
6. Conservation strategies or protection plans that indicate how impacts may be avoided for all state listed species present on the site
7. Statement/résumé indicating the biologist's qualifications. Please be sure when you hire a consulting qualified biologist to help conduct this site survey that they have the proper experience with target taxon and have a CT scientific collectors permit to work with state listed species for this specific project.

The site surveys report should be sent to our CT DEEP-NDDDB Program (deep.nddbrequest@ct.gov) for further review by our program biologists along with an updated request for another NDDDB review. Incomplete reports may not be accepted.

If you do not intend to do site surveys to determine the presence or absence of state-listed species, then you should presume species are present and let us know how you will protect the state-listed species from being impacted by this project. You may submit these best management practices or protection plans with your new request for an NDDDB review. After reviewing your new NDDDB request form and the documents describing how you will protect this species from project impacts we will make a final determination and provide you with a letter from our program to use with DEEP-Permits.

Natural Diversity Database information includes all information regarding critical biological resources available to us at the time of the request. This information is a compilation of data collected over the years by the Department of Energy and Environmental Protection's Natural History Survey, cooperating units of DEEP, landowners, private conservation groups and the scientific community. This information is not necessarily the result of comprehensive or site-specific field investigations. Consultations with the NDDDB should not be substitutes for onsite surveys necessary for a thorough environmental impact assessment. The result of this review does not preclude the possibility that listed species may be encountered on site and that additional action may be necessary to remain in compliance with certain state permits.

Please contact me if you have further questions at (860) 424-3378, or karen.zyko@ct.gov . Thank you for consulting the Natural Diversity Data Base.

Sincerely,

A handwritten signature in cursive script, appearing to read "Karen Zyko".

Karen Zyko
Environmental Analyst

Appendix D
FEMA Flood Insurance
Rate Map

LEGEND

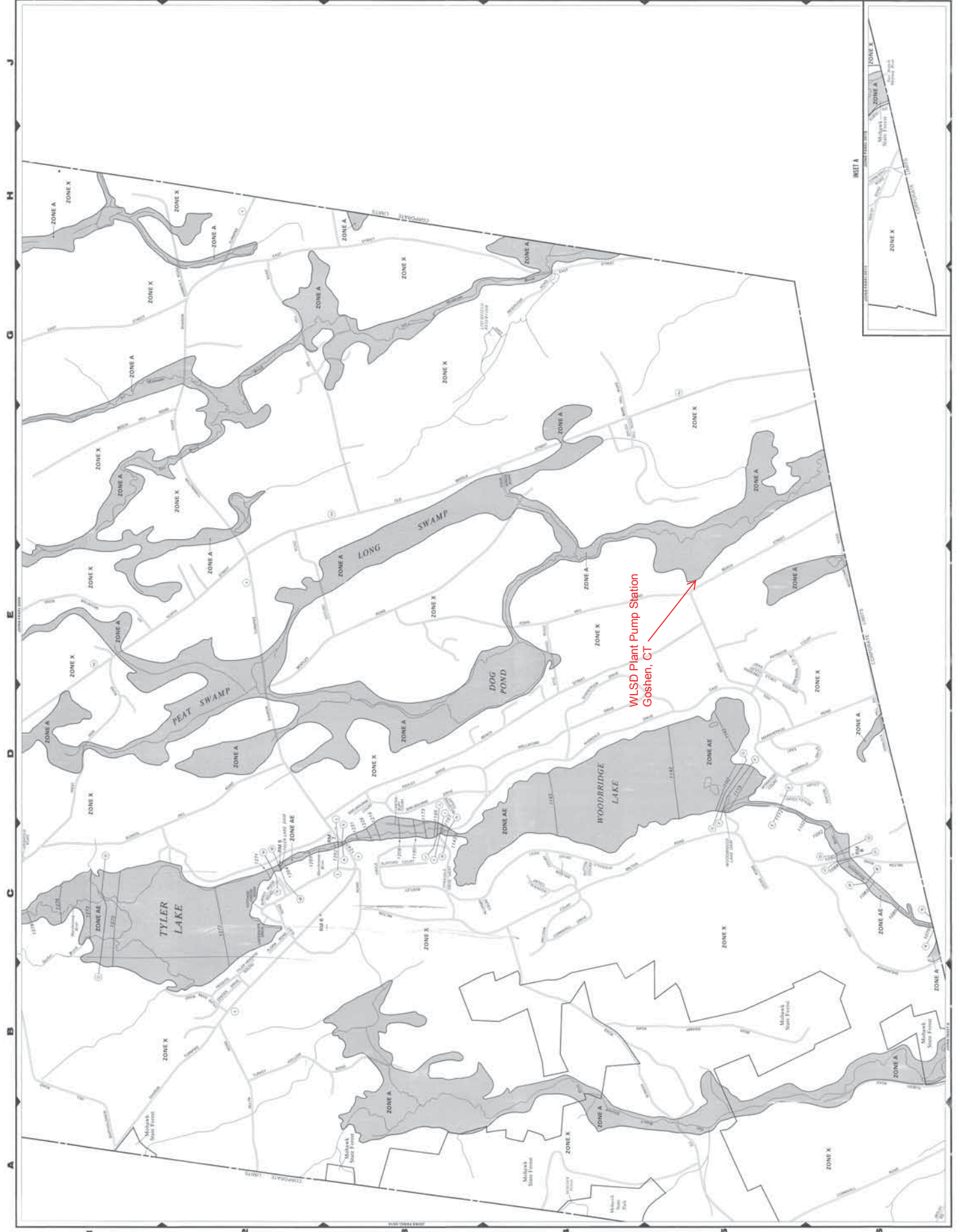
WATER FEATURES
 Zone AE (Special Flood Hazard Area - High Water Table) - Light Gray
 Zone AE (Special Flood Hazard Area - High Water Table) - Dark Gray
 Zone AE (Special Flood Hazard Area - High Water Table) - Very Dark Gray
 Zone AE (Special Flood Hazard Area - High Water Table) - Black
 Zone AE (Special Flood Hazard Area - High Water Table) - White
 Zone AE (Special Flood Hazard Area - High Water Table) - Yellow
 Zone AE (Special Flood Hazard Area - High Water Table) - Orange
 Zone AE (Special Flood Hazard Area - High Water Table) - Red
 Zone AE (Special Flood Hazard Area - High Water Table) - Purple
 Zone AE (Special Flood Hazard Area - High Water Table) - Blue
 Zone AE (Special Flood Hazard Area - High Water Table) - Green
 Zone AE (Special Flood Hazard Area - High Water Table) - Brown
 Zone AE (Special Flood Hazard Area - High Water Table) - Pink

OTHER FLOOD AREAS
 Zone X (Special Flood Hazard Area - 1% Annual Chance Flood) - Light Gray
 Zone X (Special Flood Hazard Area - 1% Annual Chance Flood) - Dark Gray
 Zone X (Special Flood Hazard Area - 1% Annual Chance Flood) - Very Dark Gray
 Zone X (Special Flood Hazard Area - 1% Annual Chance Flood) - Black
 Zone X (Special Flood Hazard Area - 1% Annual Chance Flood) - White
 Zone X (Special Flood Hazard Area - 1% Annual Chance Flood) - Yellow
 Zone X (Special Flood Hazard Area - 1% Annual Chance Flood) - Orange
 Zone X (Special Flood Hazard Area - 1% Annual Chance Flood) - Red
 Zone X (Special Flood Hazard Area - 1% Annual Chance Flood) - Purple
 Zone X (Special Flood Hazard Area - 1% Annual Chance Flood) - Blue
 Zone X (Special Flood Hazard Area - 1% Annual Chance Flood) - Green
 Zone X (Special Flood Hazard Area - 1% Annual Chance Flood) - Brown
 Zone X (Special Flood Hazard Area - 1% Annual Chance Flood) - Pink

UNDEVELOPED COASTAL AREAS
 Zone V (Special Flood Hazard Area - Very High Risk Coastal Flooding) - Light Gray
 Zone V (Special Flood Hazard Area - Very High Risk Coastal Flooding) - Dark Gray
 Zone V (Special Flood Hazard Area - Very High Risk Coastal Flooding) - Very Dark Gray
 Zone V (Special Flood Hazard Area - Very High Risk Coastal Flooding) - Black
 Zone V (Special Flood Hazard Area - Very High Risk Coastal Flooding) - White
 Zone V (Special Flood Hazard Area - Very High Risk Coastal Flooding) - Yellow
 Zone V (Special Flood Hazard Area - Very High Risk Coastal Flooding) - Orange
 Zone V (Special Flood Hazard Area - Very High Risk Coastal Flooding) - Red
 Zone V (Special Flood Hazard Area - Very High Risk Coastal Flooding) - Purple
 Zone V (Special Flood Hazard Area - Very High Risk Coastal Flooding) - Blue
 Zone V (Special Flood Hazard Area - Very High Risk Coastal Flooding) - Green
 Zone V (Special Flood Hazard Area - Very High Risk Coastal Flooding) - Brown
 Zone V (Special Flood Hazard Area - Very High Risk Coastal Flooding) - Pink

OTHER AREAS
 Zone A (Special Flood Hazard Area - 1% Annual Chance Flood) - Light Gray
 Zone A (Special Flood Hazard Area - 1% Annual Chance Flood) - Dark Gray
 Zone A (Special Flood Hazard Area - 1% Annual Chance Flood) - Very Dark Gray
 Zone A (Special Flood Hazard Area - 1% Annual Chance Flood) - Black
 Zone A (Special Flood Hazard Area - 1% Annual Chance Flood) - White
 Zone A (Special Flood Hazard Area - 1% Annual Chance Flood) - Yellow
 Zone A (Special Flood Hazard Area - 1% Annual Chance Flood) - Orange
 Zone A (Special Flood Hazard Area - 1% Annual Chance Flood) - Red
 Zone A (Special Flood Hazard Area - 1% Annual Chance Flood) - Purple
 Zone A (Special Flood Hazard Area - 1% Annual Chance Flood) - Blue
 Zone A (Special Flood Hazard Area - 1% Annual Chance Flood) - Green
 Zone A (Special Flood Hazard Area - 1% Annual Chance Flood) - Brown
 Zone A (Special Flood Hazard Area - 1% Annual Chance Flood) - Pink

NOTES
 1. This map is a general representation of the flood hazard areas and does not constitute a guarantee, warranty, or endorsement of any product or service by FEMA or the National Flood Insurance Program.
 2. The flood hazard areas shown on this map were determined by the National Flood Insurance Program using the best available data and information.
 3. The flood hazard areas shown on this map are based on the Flood Insurance Rate Study (FIRS) for the United States, which was completed in 1994.
 4. The flood hazard areas shown on this map are based on the Flood Insurance Rate Study (FIRS) for the United States, which was completed in 1994.
 5. The flood hazard areas shown on this map are based on the Flood Insurance Rate Study (FIRS) for the United States, which was completed in 1994.
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 8. The flood hazard areas shown on this map are based on the Flood Insurance Rate Study (FIRS) for the United States, which was completed in 1994.
 9. The flood hazard areas shown on this map are based on the Flood Insurance Rate Study (FIRS) for the United States, which was completed in 1994.
 10. The flood hazard areas shown on this map are based on the Flood Insurance Rate Study (FIRS) for the United States, which was completed in 1994.



Supplemental Information and Documentation

Woodridge Lake Sewer District – Town of Litchfield

Regional Sewer Extension Project

Rural Development, Memorandum, Review of Environmental Assessment, Steve Chrabascz, dated 3 April 2020 (SRC/20-051). Attached are the following documents:

Intergovernmental Review

RD Instruction 1970-I, Exhibit A, Attachment 2, “USDA Development Intergovernmental Review Consultation Form”, Blank, To Be Completed/Signed by WLSD & LF

Section 106 of National Historic Preservation Act

Letter, Section 106, NPA, CT State Historical Preservation Office, S. Chrabascz, 1 April 2020

Letter Section 106, NPA, Delaware Tribe of Indians THPO, S. Chrabascz, 1 April 2020

Letter, Section 106, NPA, Mashantucket Pequot Tribal Nation THPO, S. Chrabascz, 1 April ‘20

Letter, Section 106, NPA, Mohegan Tribe of Indians of CT THPO, S. Chrabascz, 1 April 2020

Letter, Section 106, NPA, Narragansett Indian Tribe THPO, S. Chrabascz, 1 April 2020

Letter, Section 106, NPA, Stockbridge-Munsee Community THPO, S. Chrabascz, 1 April 2020

RD Staff NPA Certification Checklist, S. Chrabascz, 2 April 2020

NPA Applicant Awareness Certification, signed James L. Mersfelder, WLSD, 2 April 2020

NPA Applicant Awareness Certification, Blank, To Be Signed by Town of Litchfield

Section 7 of Endangered Species Act

List, Federally Listed Endangered & Threatened Species in Connecticut

Section 7, Letter, USFWS, Thomas R. Chapman, 22 January 2020

Farmland Protection Policy Act

Site Plan showing 100-year Flood Elevation

NRCS Soils Map with Litchfield WPCF

Letter, DPC Engineering, Supplemental Information, 10 April 2020. Attached are the following documents:

RD Instruction 1970-I, Exhibit A, Attachment 2, “USDA Development Intergovernmental Review Consultation Form”, signed James L. Mersfelder, WLSD, 7 April 2020

RD Instruction 1970-I, Exhibit A, Attachment 2, “USDA Development Intergovernmental Review Consultation Form”, signed Denise Raap, First Selectman, 10 April 2020

NPA Applicant Awareness Certification, signed Denise Raap, First Selectman, 10 April 2020

Rural Development, Memorandum, Review of Environmental Assessment, Concurrence with Classification of Proposal, Steve Chrabascz, dated 13 April 2020 (SRC/20-054)

Rural Development, Memorandum, Review of Environmental Assessment, Approval & Public Notice Requirements, Steve Chrabascz, dated 13 April 2020 (SRC/20-055)

3 April 2020
(SRC/20-051)

SUBJECT: Woodridge Lake Sewer District/Town of Litchfield
Regional Sewer Extension Project
Review of Environmental Assessment

TO: Jennifer Lerch
Program Director

FROM: Steve Chrabaszcz
State Engineer & Environmental Coordinator

1. An environmental report (ER) prepared by DPC Consulting dated 25 March 2020 was forwarded to PSS for the above subject project. The scope of work for this project as originally planned and obligated included conveying flows from the Woodridge Lake Sewer District (WLS D) collection system to the Town of Torrington's treatment plant. An ER for that project was previously reviewed and approved in February 2016 and RD funding was obligated in April 2016. After the project was bid and after additional consideration, the project was determined not to be sustainable. Additional alternatives were then investigated and a revised Preliminary Engineering Report (PER) was developed. The revised project now includes the construction of a pump station, the installation of approximately 5 miles of 6" force main, upgrading the existing WPCF in Litchfield, and the decommissioning of the existing WLS D treatment plant in Goshen. The environmental classification for the revised project was originally considered a Categorical Exclusion with an Environmental Report, however during the preparation of the report, it was determined that a portion of work at the pump station site and a portion of the work at the existing Litchfield treatment plant would be located within the 100-year floodplain. Given there would be construction within the 100-year floodplain, an extra-ordinary circumstance now existed, and the ER would have to be elevated to an Environmental Assessment (EA). Similar projects that involved construction within the 100-year floodplain at an existing wastewater treatment plant were previously reviewed and approved by the National Office EES Staff, specifically for the Town of Deerfield and the Town of Orange. For those projects, N/O Environmental Specialist Lauren Cusick provided the guidance to elevate the environmental classification from an ER to an EA. Therefore, the ER for this revised project was converted into an EA. I have reviewed the EA and offer the following comments:

- a. Section A of the document should include a short discussion on the Litchfield system.
- b. Section B.(4) properly discusses the Intergovernmental Review Process and states WLS D completed the "USDA Rural Development Intergovernmental Review Consultation Form". The form was found within the document however it was not signed. Ideally, a similar document should also be completed and signed by the Town of Litchfield. Please forward signed forms from WLS D and Litchfield.

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451 West Street, Suite 2 • Amherst, MA 01002
Voice (413) 253-4302 • Fax (855) 596-7673
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SUBJECT: Woodridge Lake Sewer District/Town of Litchfield
Regional Sewer Extension Project
Review of Environmental Assessment

- c. Section C, HISTORIC PRESERVATION. Due to time constraints, RD elected to use the National Programmatic Agreement (NPA) for Section 106 review. Letters to CT SHPO and five (5) interested federally recognized Tribes were drafted and sent on 1 April 2020. The NPA RD Staff Certification has been completed as required. The NPA Applicant Certification from WLSD was also completed and returned to PSS. These documents have been attached to this memorandum. A similar NPA Applicant Certification must also be completed and obtained from the Town of Litchfield. The National Office NPA Tracker system will also be properly populated by PSS. Once the signed certification is obtained from Litchfield, this item will be considered closed.
- d. Section D, THREATENED AND ENDANGERED SPECIES. The document does a good job documenting the correspondence with CT DEEP which is satisfactory for State listed species, however, the report fails to mention federally listed species or habitats protected by the Endangered Species Act. In an attempt to expedite the review and approval of this report, a list of federally listed species was downloaded from USFWS. The list confirms the only federally listed species that may exist within the project limits is the Northern Long-Eared Bat. Since the project will not involve any tree removals, consultation with USFWS is not required. To complete the Section 7 process, I also downloaded the “canned” letter from USFWS. The list and letter have been attached to this memorandum. No action is required by the project engineer for this section.
- e. Section I, CONACT PROGRAMS. The report states that CONACT is not applicable. This is not correct. CONACT applies to this project, and basically the CONACT prevents RD from funding a project that proposes to fill in or otherwise manipulates a wetland in any way. For this project, there will be no direct wetland impacts, therefore the project will be compliant with the CONACT. No action is required by the project engineer for this section.
- f. Section J, FLOODPLAINS. As already explained, some of the work planned at the pump station site (Goshen) and at Litchfield’s treatment plant will be located within the 100-year floodplain. Due to this planned construction within the 100-year floodplain, the project had to be elevated from an Environmental Report to an Environmental Assessment (EA) in accordance with §1970.10 and §1970.52(b)(4)(iv). The preparer included the additional necessary documentation for the conversion, including conducting the 8-step alternatives analysis which was found to be acceptable without any modifications. Once the outstanding items have been obtained and/or corrected, the EA will then be approved. The Applicant/Project Engineer will be then informed of the public notice requirements which includes a Preliminary Public Notice for Potential Impacts to Floodplains and the Public Notice Announcing the Availability of the Environmental Assessment. The public comment period for this preliminary notice will be 14-days. A second public notice will also be required to publish the FONSI and Final Notice for Floodplain Impacts; there is no comment period for the second notice.

SUBJECT: Woodridge Lake Sewer District/Town of Litchfield
Regional Sewer Extension Project
Review of Environmental Assessment

g. Section L, FARMLANDS. A soils map was provided, however, due to the scale of the map, it was inconclusive if the soil type located at the Litchfield WPCF is important farmland soils. A separate NRCS Web Soil Survey (WSS) for the WPCF site was downloaded by PSS. The resultant report and map were used to show that all of the construction proposed at the WPCF would be on soils not considered important farmland soils (shown in RED on the map). A copy of the report and map have been attached to this memorandum. It should also be mentioned that the nearly 5 miles of force main will be installed in the existing roadway right-of-ways. Although some of this pipe will cross soils defined as important farmland soils (as shown on Figure 7), this activity is not subject to the Farmland Protection Policy Act because construction would take place on land within an existing right-of-way purchased on or before August 4, 1984. No action is required by the project engineer for this section.

In summary, once items a. (short discussion on Litchfield system), b. (Intergovernmental Review Form completed and signed from both WLSD and Litchfield), and c. (Signed NPA Applicant Certification Form from Litchfield) are provided, the EA will be complete and will be approved. In an attempt to expedite the review and approval of the EA, PSS will forward this memorandum directly to the Project Engineer.

2. If you have any questions, please feel free to contact me at 413-253-4334.



Steve Chrabasz
State Engineer & Environmental Coordinator

Original to: N. St. Jean
ecc: J. Lerch, F. Petrulli

- 4) Site plan [A site plan showing buildings, roads, resource locations and other key features of the proposed site]

Attachment 2: USDA Rural Development Intergovernmental Review Consultation Form

Project Name: _____

- 1) Is the proposal consistent with State or local government planning goals?

Yes No

- 2) Does the proposal duplicate, run counter to, or need to be coordinated with other activities, or might it be revised to increase its effectiveness?

Yes No

- 3) Will the proposal contribute to achieving state or local government goals relating to natural and human resources or economic and community development?

Yes No

- 4) Are there environmental impacts and alternatives that should be considered in the Agency's environmental review?

Yes No

- 5) Will the proposal influence area growth or delivery of services, including any disproportionate effects on minority groups?

Yes No

6) Will the proposal impact energy resource supply and demand?

Yes No

7) Will the proposal displace people or businesses?

Yes No

8) Will the proposal be located in a Coastal Zone or Coastal Barrier Resource Area and is it consist with any State coastal management plan?

Yes No

Comments:

Signature/Title

Date

1 April 2020
(LSC/20-065)

Ms. Mary Dunne
State Historic Preservation Officer
Department of Economic and Community Development
450 Columbus Boulevard
Hartford, CT 06103

RE: Notification of Intent to Use the Programmatic Agreement amount the U.S. Department of Agriculture Rural Development Programs, National Conference of State Historic Preservation Officers, Tribal Signatories, and the Advisory Council on Historic Preservation for Sequencing Section 106 (NPA) for the Woodridge Lake Sewer District, Regional Wastewater Management Project, Goshen & Litchfield, CT

Dear Ms. Dunne:

The Woodridge Lake Sewer District (WLSD) is seeking financial assistance from the USDA Rural Development (RD), Rural Utilities Service (RUS) under their Water & Wastewater Loan & Grant Program for a regional wastewater project to convey wastewater from Goshen to the neighboring Town of Litchfield's Water Pollution Control Facility (WPCF) for treatment. The project will involve the construction of a pump station, the installation of a 6" force main, upgrading the existing WPCF in Litchfield, and the decommissioning the existing WLSD treatment plant in Goshen. A proposed site plan of the overall project along with a site plan of the Litchfield WPCF have been attached.

This letter is to inform you that the RUS has chosen to apply the *Programmatic Agreement among the U.S. Department of Agriculture Rural Development Programs, National Conference of State Historic Preservation Officers, Tribal Signatories, and The Advisory Council on historic Preservation for Sequencing Section 106* (NPA) for our Applicant's proposed project in Goshen and Litchfield. RUS is applying the NPA because:

- Because the schedule may span one to five years or longer, can be composed of multiple projects that are rarely staked or precisely located and/or the nature of the undertaking is often unclear, prior to the obligation of funds.
- The applicant does not have the financial wherewithal to fund Section 106 reviews, and/or the analysis of alternatives, without some level of confidence that RD's low interest funding or grants will be available to assist them.
- To avoid an impending pooling, interest rate change, or another financial deadline.

If RUS elects to fund the proposed project it will become subject to review under Section 106 of the National Historic Preservation Act, 54 U.S.C. 306108, and its implementing regulations, 36 CFR Part 800. Should you have any questions, please contact me at 413-253-4334.

Respectfully,



Steven Chrabasz
State Environmental Coordinator

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STEVEN CHRABASCZ 413-253-4334 USDA/RD-MA 451 WEST ST AMHERST MA 01002 SHIP TO: MS. MARY DUNNE 860-500-2456 CT DEPT OF ECONOMIC & COMMUNIT 450 COLUMBUS BOULEVARD STATE HISTORIC PRESERVATION OFFICER HARTFORD CT 06103-1801	0.0 LBS LTR 1 OF 1	CT 061 9-03 	UPS NEXT DAY AIR TRACKING #: IZ 053 VOE 01 9954 1837 1		BILLING: P/P Reference # 1: CT SHPO/WLSD  <small>CS 22.0.11. WNTNVS50 83.0A.12/2019</small>
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1 April 2020
(LSC/20-066)

Dr. Brice Obermeyer
Tribal Historic Preservation Officer
Delaware Tribe of Indians
1 Kellog Circle
Emporia, KS 66801

RE: Notification of Intent to Use the Programmatic Agreement amount the U.S. Department of Agriculture Rural Development Programs, National Conference of State Historic Preservation Officers, Tribal Signatories, and the Advisory Council on Historic Preservation for Sequencing Section 106 (NPA) for the Woodridge Lake Sewer District, Regional Wastewater Management Project, Goshen & Litchfield, CT

Dear Dr. Obermeyer:

The Woodridge Lake Sewer District (WLSD) is seeking financial assistance from the USDA Rural Development (RD), Rural Utilities Service (RUS) under their Water & Wastewater Loan & Grant Program for a regional wastewater project to convey wastewater from Goshen to the neighboring Town of Litchfield's Water Pollution Control Facility (WPCF) for treatment. The project will involve the construction of a pump station, the installation of a 6" force main, upgrading the existing WPCF in Litchfield, and the decommissioning the existing WLSD treatment plant in Goshen. A proposed site plan of the overall project along with a site plan of the Litchfield WPCF have been attached.

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If RUS elects to fund the proposed project it will become subject to review under Section 106 of the National Historic Preservation Act, 54 U.S.C. 306108, and its implementing regulations, 36 CFR Part 800. Should you have any questions, please contact me at 413-253-4334.

Respectfully,


Steven Chrabasz
State Environmental Coordinator

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STEVEN CHRABASCZ 413-253-4334 USDA/RD-1MA 451 WEST ST AMHERST MA 01002 SHIP TO: DR. BRICE OBERMEYER 620-341-6699 DELAWARE TRIBE OF INDIANS 1 KELLOG CIRCLE EMPORIA KS 66801-5415	0.0 LBS LTR 1 OF 1	KS 668 0-01 	UPS NEXT DAY AIR TRACKING #: 1Z 053 V0E 01 9984 1441 1		BILLING: P/P Reference # 1: WLSD/DTI THIPO  <small>CS 22.0.11. WNTNVS50 83.0A.12/2019</small>
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1 April 2020
(LSC/20-067)

Ms. Marissa Turnbull
Tribal Historic Preservation Officer
Mashantucket Pequot Tribal Nation
2 Matts Path
Mashantucket, CT 06338-3202

RE: Notification of Intent to Use the Programmatic Agreement amount the U.S. Department of Agriculture Rural Development Programs, National Conference of State Historic Preservation Officers, Tribal Signatories, and the Advisory Council on Historic Preservation for Sequencing Section 106 (NPA) for the Woodridge Lake Sewer District, Regional Wastewater Management Project, Goshen & Litchfield, CT

Dear Ms. Turnbull:

The Woodridge Lake Sewer District (WLSD) is seeking financial assistance from the USDA Rural Development (RD), Rural Utilities Service (RUS) under their Water & Wastewater Loan & Grant Program for a regional wastewater project to convey wastewater from Goshen to the neighboring Town of Litchfield's Water Pollution Control Facility (WPCF) for treatment. The project will involve the construction of a pump station, the installation of a 6" force main, upgrading the existing WPCF in Litchfield, and the decommissioning the existing WLSD treatment plant in Goshen. A proposed site plan of the overall project along with a site plan of the Litchfield WPCF have been attached.

This letter is to inform you that the RUS has chosen to apply the *Programmatic Agreement among the U.S. Department of Agriculture Rural Development Programs, National Conference of State Historic Preservation Officers, Tribal Signatories, and The Advisory Council on historic Preservation for Sequencing Section 106 (NPA)* for our Applicant's proposed project in Goshen and Litchfield. RUS is applying the NPA because:

- Because the schedule may span one to five years or longer, can be composed of multiple projects that are rarely staked or precisely located and/or the nature of the undertaking is often unclear, prior to the obligation of funds.
- The applicant does not have the financial wherewithal to fund Section 106 reviews, and/or the analysis of alternatives, without some level of confidence that RD's low interest funding or grants will be available to assist them.
- To avoid an impending pooling, interest rate change, or another financial deadline.

If RUS elects to fund the proposed project it will become subject to review under Section 106 of the National Historic Preservation Act, 54 U.S.C. 306108, and its implementing regulations, 36 CFR Part 800. Should you have any questions, please contact me at 413-253-4334.

Respectfully,


Steven Chrabascz
State Environmental Coordinator

Rural Development • Amherst State Office
451 West Street, Suite 2 • Amherst, MA 01002
Voice (413) 253-4302 • Fax (855) 596-7673
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STEVEN CHRABASCZ 413-253-4334 USDA/RD-1MA 451 WEST ST AMHERST MA 01002 SHIP TO: MS. MARISSA TURNBULL 860-396-7570 MASHANTUCKET PEQUOT TRIBAL NATION 2 MATTS PATH MASHANTUCKET CT 06338-3804	0.0 LBS LTR 1 OF 1	CT 063 0-02 	UPS NEXT DAY AIR TRACKING #: 1Z 053 V0E 01 9848 5856 1		BILLING: P/P Reference # 1: WLSD/MPTN THPO <small>CS 22.0.11. WNTNVS50 83.0A.12/2019</small> 
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1 April 2020
(LSC/20-068)

Mr. James Quinn
Tribal Historic Preservation Officer
Mohegan Tribe of Indians of Connecticut
13 Crow Hill Road
Uncasville, CT 06382

RE: Notification of Intent to Use the Programmatic Agreement amount the U.S. Department of Agriculture Rural Development Programs, National Conference of State Historic Preservation Officers, Tribal Signatories, and the Advisory Council on Historic Preservation for Sequencing Section 106 (NPA) for the Woodridge Lake Sewer District, Regional Wastewater Management Project, Goshen & Litchfield, CT

Dear Mr. Quinn:

The Woodridge Lake Sewer District (WLSD) is seeking financial assistance from the USDA Rural Development (RD), Rural Utilities Service (RUS) under their Water & Wastewater Loan & Grant Program for a regional wastewater project to convey wastewater from Goshen to the neighboring Town of Litchfield's Water Pollution Control Facility (WPCF) for treatment. The project will involve the construction of a pump station, the installation of a 6" force main, upgrading the existing WPCF in Litchfield, and the decommissioning the existing WLSD treatment plant in Goshen. A proposed site plan of the overall project along with a site plan of the Litchfield WPCF have been attached.

This letter is to inform you that the RUS has chosen to apply the *Programmatic Agreement among the U.S. Department of Agriculture Rural Development Programs, National Conference of State Historic Preservation Officers, Tribal Signatories, and The Advisory Council on historic Preservation for Sequencing Section 106* (NPA) for our Applicant's proposed project in Goshen and Litchfield. RUS is applying the NPA because:

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Respectfully,


Steven Chrabascz
State Environmental Coordinator

Rural Development • Amherst State Office
451 West Street, Suite 2 • Amherst, MA 01002
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STEVEN CHRABASCZ 413-253-4334 USDA/RD-1MA 451 WEST ST AMHERST MA 01002 SHIP TO: MR. JAMES QUINN 860-862-6893 MOHEGAN TRIBE OF INDIANS OF CT 13 CROW HILL ROAD TRIBAL HISTORIC PRESERVATION OFFICE UNCASVILLE CT 06382-1118	0.0 LBS LTR 1 OF 1	 CT 063 0-03 	UPS NEXT DAY AIR TRACKING #: 1Z 053 V0E 01 9973 9062 1	 BILLING: P/P	 Reference # 1: WLSD/MTTC THPO <small>CS 22.0.11. WNTNVS50 83.0A.12/2019</small>
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1 April 2020
(LSC/20-069)

Mr. John Brown
Tribal Historic Preservation Officer
Narragansett Indian Tribe
4425 South County Trail
Charlestown, RI 02813

RE: Notification of Intent to Use the Programmatic Agreement amount the U.S. Department of Agriculture Rural Development Programs, National Conference of State Historic Preservation Officers, Tribal Signatories, and the Advisory Council on Historic Preservation for Sequencing Section 106 (NPA) for the Woodridge Lake Sewer District, Regional Wastewater Management Project, Goshen & Litchfield, CT

Dear Mr. Brown:

The Woodridge Lake Sewer District (WLSD) is seeking financial assistance from the USDA Rural Development (RD), Rural Utilities Service (RUS) under their Water & Wastewater Loan & Grant Program for a regional wastewater project to convey wastewater from Goshen to the neighboring Town of Litchfield's Water Pollution Control Facility (WPCF) for treatment. The project will involve the construction of a pump station, the installation of a 6" force main, upgrading the existing WPCF in Litchfield, and the decommissioning the existing WLSD treatment plant in Goshen. A proposed site plan of the overall project along with a site plan of the Litchfield WPCF have been attached.

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If RUS elects to fund the proposed project it will become subject to review under Section 106 of the National Historic Preservation Act, 54 U.S.C. 306108, and its implementing regulations, 36 CFR Part 800. Should you have any questions, please contact me at 413-253-4334.

Respectfully,



Steven Chrabascz
State Environmental Coordinator

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<p>STEVEN CHRABASCZ 413-253-4334 USDA/RD-MA 451 WEST ST AMHERST MA 01002</p> <p>SHIP TO: MR. JOHN BROWN 401-491-9459 NARRAGANSETT INDIAN TRIBE 4425 SOUTH COUNTY TRAIL TRIBAL HISTORIC PRESERVATION OFFICE CHARLESTOWN RI 02813-3655</p>	<p>0.0 LBS LTR</p> <p style="text-align: right;">1 OF 1</p>	<p style="font-size: 2em; font-weight: bold;">RI 029 9-02</p> 	<p style="font-size: 2em; font-weight: bold;">UPS NEXT DAY AIR</p> <p style="font-size: 3em; font-weight: bold;">1</p> <p>TRACKING #: IZ 053 V0E 01 9638 5075</p>		<p>BILLING: P/P</p> <p>Reference # 1: WLSD/NIT THPO</p> <p style="font-size: 0.8em;">CS 22.0.11. WNTNVS50 83.0A.12/2019</p> 
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1 April 2020
(LSC/20-070)

Ms. Bonney Hartley
Stockbridge Munsee Community
Tribal Historic Preservation Officer
65 1st Street
Troy, NY 12180

RE: Notification of Intent to Use the Programmatic Agreement amount the U.S. Department of Agriculture Rural Development Programs, National Conference of State Historic Preservation Officers, Tribal Signatories, and the Advisory Council on Historic Preservation for Sequencing Section 106 (NPA) for the Woodridge Lake Sewer District, Regional Wastewater Management Project, Goshen & Litchfield, CT

Dear Ms. Hartley:

The Woodridge Lake Sewer District (WLSD) is seeking financial assistance from the USDA Rural Development (RD), Rural Utilities Service (RUS) under their Water & Wastewater Loan & Grant Program for a regional wastewater project to convey wastewater from Goshen to the neighboring Town of Litchfield's Water Pollution Control Facility (WPCF) for treatment. The project will involve the construction of a pump station, the installation of a 6" force main, upgrading the existing WPCF in Litchfield, and the decommissioning the existing WLSD treatment plant in Goshen. A proposed site plan of the overall project along with a site plan of the Litchfield WPCF have been attached.

This letter is to inform you that the RUS has chosen to apply the *Programmatic Agreement among the U.S. Department of Agriculture Rural Development Programs, National Conference of State Historic Preservation Officers, Tribal Signatories, and The Advisory Council on historic Preservation for Sequencing Section 106* (NPA) for our Applicant's proposed project in Goshen and Litchfield. RUS is applying the NPA because:

- Because the schedule may span one to five years or longer, can be composed of multiple projects that are rarely staked or precisely located and/or the nature of the undertaking is often unclear, prior to the obligation of funds.
- The applicant does not have the financial wherewithal to fund Section 106 reviews, and/or the analysis of alternatives, without some level of confidence that RD's low interest funding or grants will be available to assist them.
- To avoid an impending pooling, interest rate change, or another financial deadline.

If RUS elects to fund the proposed project it will become subject to review under Section 106 of the National Historic Preservation Act, 54 U.S.C. 306108, and its implementing regulations, 36 CFR Part 800. Should you have any questions, please contact me at 413-253-4334.

Respectfully,



Steven Chrabascz
State Environmental Coordinator

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451 West Street, Suite 2 • Amherst, MA 01002
Voice (413) 253-4302 • Fax (855) 596-7673
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STEVEN CHRABASCZ 413-253-4334 USDA/RD-MA 451 WEST ST AMHERST MA 01002 SHIP TO: MS. BONNEY HARTLEY 518-244-3164 STOCKBRIDGE MUNSEE COMMUNITY 65 1ST STREET TRIBAL HISTORIC PRESERVATION OFFICE TROY NY 12180-4013	0.0 LBS LTR	1 OF 1
	NY 122 9-02 	UPS NEXT DAY AIR 1 TRACKING #: IZ 053 V0E 01 9832 7884
		
BILLING: P/P		
Reference # 1: WLSD/SMC THPO <small>CS 22.0.11. WNTNVS50 83.0A.12/2019</small>		
		

0 750 1,500 3,000 4,500 Feet

Woodridge Lake Sewer District/Litchfield Sewer Extension/Treatment Plant Upgrade Goshen & Litchfield, CT



Woodridge Lake Sewer District

Plant Pump Station

Proposed Sewer Extension


Litchfield WPCF

Steve Chrabascz Rural Development 1 April 2020

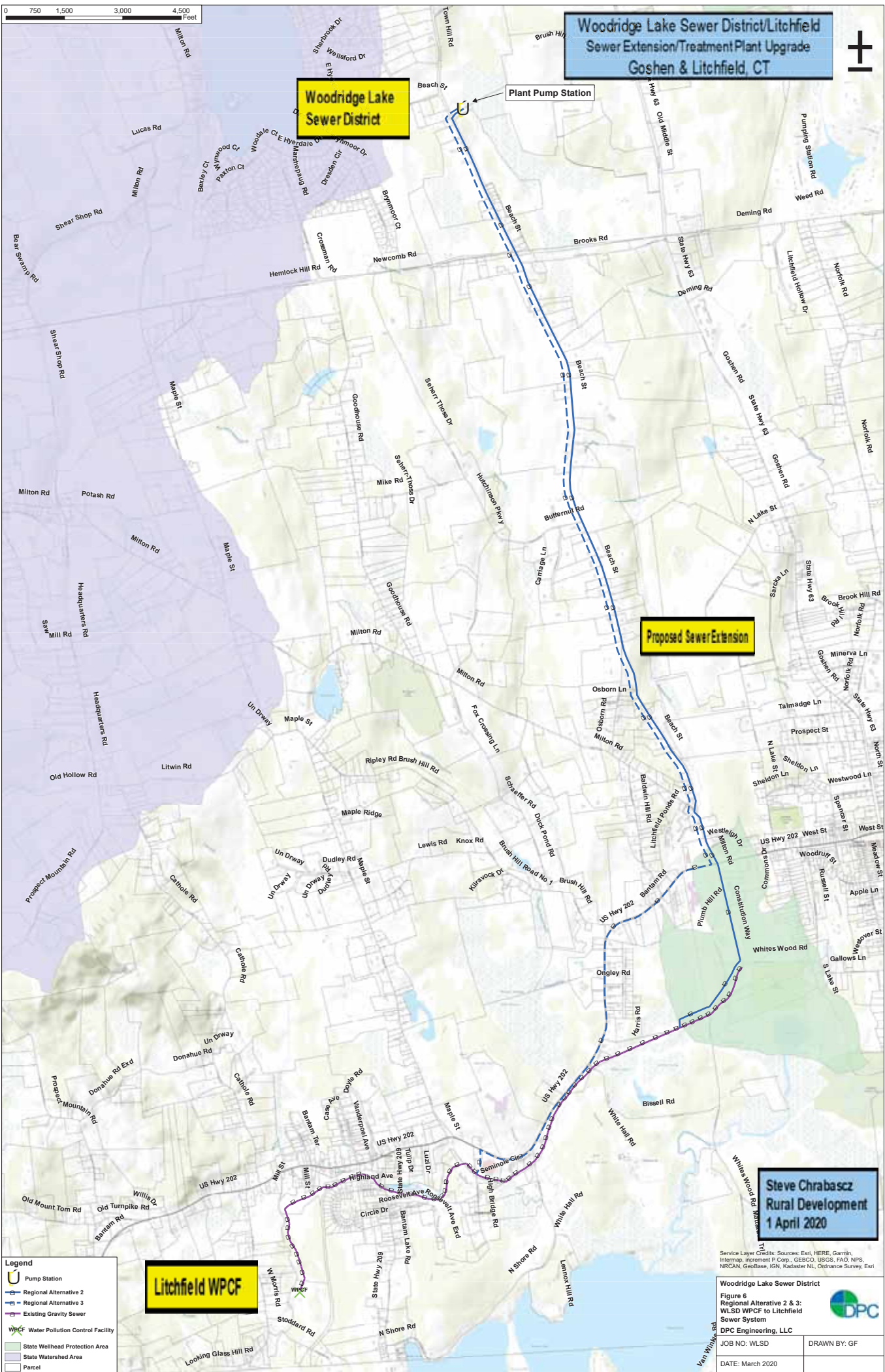
- Legend**
- Pump Station
 - Regional Alternative 2
 - Regional Alternative 3
 - Existing Gravity Sewer
 - WPCF Water Pollution Control Facility
 - State Watershed Protection Area
 - State Watershed Area
 - Parcel

Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeBCast, IGN, Kadaster NL, Ordnance Survey, Esri

Woodridge Lake Sewer District
Figure 6
Regional Alternative 2 & 3:
WLSW WPCF to Litchfield
Sewer System
DPC Engineering, LLC

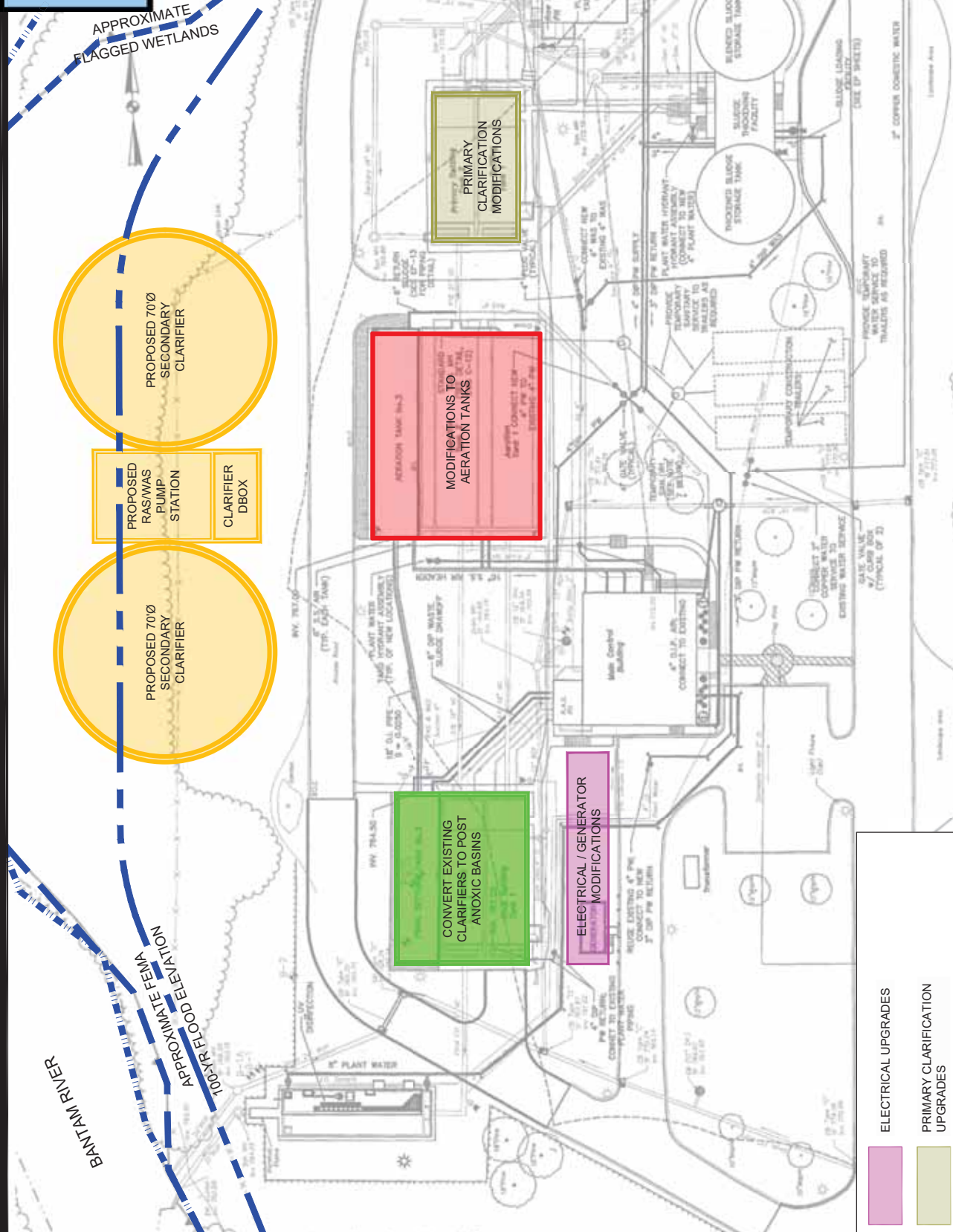


JOB NO: WLSW	DRAWN BY: GF
DATE: March 2020	



WLSD/Litchfield Sewer Project

Goshen/Litchfield



Steve Chrabaszcz
Rural Development
1 April 2020

DPC Engineering, LLC
November 2019

LITCHFIELD WATER POLLUTION CONTROL FACILITY

FIGURE 8

USDA-RD: PER

0.95 MGD CONCEPT PLAN

SCALE: 1" = 50'

- ELECTRICAL UPGRADES
- PRIMARY CLARIFICATION UPGRADES
- PRE ANOXIC UPGRADES
- HEADWORKS UPGRADES
- AERATION BASIN UPGRADES
- SECONDARY CLARIFICATION UPGRADES



RD Staff NPA Certification Checklist

Project Name: Regional Wastewater Management Project

Borrower Name: Woodridge Lake Sewer District/Town of Litchfield, CT

Program: RUS

Fiscal Year: 2020

Calendar Year: 2020

This checklist must be completed, signed, and dated for any project that will be using the Nationwide Programmatic Agreement among the U.S. Department of Agriculture Rural Development Programs, National Conference of State Historic Preservation Officers, Tribal Signatories, and The Advisory Council on Historic Preservation for Sequencing Section 106 (NPA).

- 1. I certify that the project would benefit from using the NPA, because the schedule for RD projects may span one to five years or longer, and/or can be composed of multiple projects that are rarely staked or precisely located and, or, the nature of the undertaking is often unclear, prior to the obligation of funds. **Yes** or **No**

If yes, please select one or more of the following options:

- the exact design has not been determined yet this is a multi-year work plan or loan design
- details of project will be worked out through Section 106 review other (please explain):

- 2. I certify that the project would benefit from using the NPA because the applicant does not have the financial wherewithal to fund Section 106 reviews, and/or the analysis of alternatives, without some level of confidence that RD’s low interest funding or grants will be available to assist them. **Yes** or **No**

If yes, please justify:

- 3. I certify that the project would benefit from using the NPA in order to avoid an impending pooling, interest rate change, or another financial deadline. **Yes** or **No**

Deadline Date: 5/15/2020

- 4. I certify that the project will be using the NPA to apply the appropriate appendix’s efficiencies and exemptions and not the obligation clause (This will only apply once the appendices are finished). **Yes** or **No**

- 5. I certify that the project will be using the NPA to obligate funds because of one of the reasons cited in 1-3 and the appropriate appendix’s efficiencies (This will only apply once the appendices are finished). **Yes** or **No**

- 6. I certify that the NPA is not being applied to an undertaking or parts of an undertaking that cross federal or tribal lands (Please remember that the NPA is only applicable to state and private land unless a federal or tribal agency chooses to adopt the NPA per Stipulation VII and/or VIII). **Yes** or **No**



7. I certify that the undertaking crosses federal and/or tribal lands and the NPA is applicable for this undertaking because the federal agency(ies) and tribe(s) have followed the process Stipulations VI, VII, and/or VIII of the NPA and notified the RD agency, the ACHP, the appropriate SHPO and any appropriate tribes. The official notification or two-party agreement information has been attached. **Yes** , **No** , or **Not Applicable to this project**

8. I certify that I have informed the correct RD staff member that the usage of the NPA and any undertaking related Section 106 agreements that condition the completion of Section 106 need to be attached to the applicant’s legally binding agreement documents. **Yes** or **No**

9. I certify that I or the correct RD staff member has made the applicant aware that they must “initiate Section 106 no later than ninety (90) business days after the announcement of their obligation if they have not done so already; and to notify the appropriate RD agency that Section 106 has been initiated in accordance with 36 CFR Part 800.2(c)(4), and 7 CFR Part 1970.5(b)(2) of the regulations, “Environmental Policies and Procedures” (7 CFR Part 1970)”, per Stipulation I.C of the NPA. The written notification to the applicant has been attached. **Yes** or **No**

10. I certify that I or the correct RD staff member has made the applicant aware that they need to “to submit Section 508 of the Rehabilitation Act of 1973 (29 U.S.C. § 794 (d)), as amended in 1998 (508 compliant) hard copy or electronic Section 106 documentation to SHPOs, THPOs, Indian tribes, and NHOs based on the preference of the receiving party”, per Stipulation I.D of the NPA. The written notification to the applicant has been attached. **Yes** or **No**

11. I certify that I or the correct RD staff member has made the applicant aware of Stipulation II (Deobligation of Funding) of the NPA. The written notification to the applicant has been attached. **Yes** or **No**

12. I certify that I or the correct RD staff member has made the applicant aware of Stipulation III.M (Roles and Responsibilities) of the NPA. The written notification to the applicant has been attached. **Yes** or **No**

13. I certify that I or the correct RD staff member has made the applicant aware of the RD template letters and guide available to help them through the Section 106 process. The written notification to the applicant has been attached. **Yes** or **No**

14. I certify that I or the appropriate RD staff member has or will [record](#) the use of the NPA for this project in the appropriate tracking mechanism for the end of year reporting requirement per Stipulation XIII.A. **Yes** or **No**

Name/Title: Steve Chrabasz, State Engineer/State Environmental Coordinator

Signature: 

Date: 4/2/2020



NPA Applicant Awareness Certification

Project Name: Regional Wastewater Management Plan

Borrower Name: Woodridge Lake Sewer District/Town of Litchfield, CT

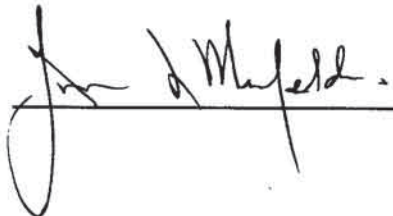
Program: RUS

Fiscal Year: 2020

Calendar Year: 2020

1. As the applicant I understand that to use the NPA I must "initiate Section 106 no later than ninety (90) business days after the announcement of my obligation if I have not done so already; and to notify the appropriate RD agency that Section 106 has been initiated in accordance with 36 CFR Part 800.2(c)(4), and 7 CFR Part 1970.5(b)(2) of the regulations, "Environmental Policies and Procedures" (7 CFR Part 1970)", per Stipulation I.C of the NPA.
2. As the applicant I understand that to use the NPA I need to "to submit Section 508 of the Rehabilitation Act of 1973 (29 U.S.C. § 794 (d)), as amended in 1998 (508 compliant) hard copy or electronic Section 106 documentation to SHPOs, THPOs, Indian tribes, and NHOs based on the preference of the receiving party", per Stipulation I.D of the NPA.
3. As the applicant I certify that I have been made aware of Stipulation II (Deobligation of Funding) of the NPA.
4. As the applicant I certify that I have been made aware of my responsibilities under Stipulation III.M (Roles and Responsibilities) of the NPA.
5. As the applicant I certify that I have been made aware of the RD template letters and guide available to help me through the Section 106 process.

Name/Title: James L. Mersfelder

Signature:  Date: 4/2/20



NPA Applicant Awareness Certification

Project Name: Regional Wastewater Management Plan

Borrower Name: Woodridge Lake Sewer District/Town of Litchfield, CT

Program: RUS

Fiscal Year: 2020

Calendar Year: 2020

1. As the applicant I understand that to use the NPA I must “initiate Section 106 no later than ninety (90) business days after the announcement of my obligation if I have not done so already; and to notify the appropriate RD agency that Section 106 has been initiated in accordance with 36 CFR Part 800.2(c)(4), and 7 CFR Part 1970.5(b)(2) of the regulations, “Environmental Policies and Procedures” (7 CFR Part 1970)”, per Stipulation I.C of the NPA.
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5. As the applicant I certify that I have been made aware of the RD template letters and guide available to help me through the Section 106 process.

Name/Title: _____

Signature: _____ **Date:** _____

**FEDERALLY LISTED ENDANGERED AND THREATENED SPECIES
IN CONNECTICUT**

COUNTY	SPECIES	FEDERAL STATUS	GENERAL LOCATION/HABITAT	TOWNS
Fairfield	Piping Plover	Threatened	Coastal Beaches	Westport, Bridgeport and Stratford
	Roseate Tern	Endangered	Coastal beaches, Islands and the Atlantic Ocean	Westport and Stratford
	Bog Turtle	Threatened	Wetlands	Ridgefield and Danbury.
	Red knot ¹	Threatened	Coastal Beaches and Rocky Shores, sand and mud flats	Coastal towns
	Northern Long-eared Bat	Threatened Final 4(d) Rule	Winter- mines and caves, Summer – wide variety of forested habitats	Statewide
Hartford	Dwarf wedgemussel	Endangered	Farmington and Podunk Rivers, Muddy Brook, Philo Brook, Stony Brook	South Windsor, East Granby, Suffield, Simsbury, Avon and Bloomfield.
	Northern Long-eared Bat	Threatened Final 4(d) Rule	Winter- mines and caves, Summer – wide variety of forested habitats	Statewide
Litchfield	Small whorled Pogonia	Threatened	Forests with somewhat poorly drained soils and/or a seasonally high water table	Sharon.
	Bog Turtle	Threatened	Wetlands	Sharon and Salisbury.
	Northern Long-eared Bat	Threatened Final 4(d) Rule	Winter- mines and caves, Summer – wide variety of forested habitats	Statewide
Middlesex	Roseate Tern	Endangered	Coastal beaches, islands and the Atlantic Ocean	Westbrook and New London.
	Piping Plover	Threatened	Coastal Beaches	Clinton, Westbrook, Old Saybrook.
	Puritan Tiger Beetle	Threatened	Sandy beaches along the Connecticut River	Cromwell, Portland
	Northern Long-eared Bat	Threatened Final 4(d) Rule	Winter- mines and caves, Summer – wide variety of forested habitats	Statewide
New Haven	Bog Turtle	Threatened	Wetlands	Southbury
	Piping Plover	Threatened	Coastal Beaches	Milford, Madison and West Haven
	Roseate Tern	Endangered	Coastal beaches, Islands and the Atlantic Ocean	Branford, Guilford and Madison
	Indiana Bat	Endangered	Mines, Caves	
	Red knot ¹	Threatened	Coastal Beaches and Rocky Shores, sand and mud flats	Coastal towns
	Northern Long-eared Bat	Threatened Final 4(d) Rule	Winter- mines and caves, Summer – wide variety of forested habitats	Statewide

Project does not involve any tree removals. Consultation with USFWS not required for the Northern Long-Eared Bat



United States Department of the Interior



FISH AND WILDLIFE SERVICE

New England Field Office
70 Commercial Street, Suite 300
Concord, NH 03301-5087
<http://www.fws.gov/newengland>

January 22, 2020

To Whom It May Concern:

This project was reviewed for the presence of federally listed or proposed, threatened or endangered species or critical habitat per instructions provided on the U.S. Fish and Wildlife Service's New England Field Office website:

<https://www.fws.gov/newengland/endangeredspecies/index.html> (accessed January 2020)

Based on information currently available to us, no federally listed or proposed, threatened or endangered species or critical habitat under the jurisdiction of the U.S. Fish and Wildlife Service are known to occur in the project area(s). Preparation of a Biological Assessment or further consultation with us under section 7 of the Endangered Species Act is not required. No further Endangered Species Act coordination is necessary for a period of one year from the date of this letter, unless additional information on listed or proposed species becomes available.

Thank you for your cooperation. Please contact David Simmons of this office at 603-227-6425 if we can be of further assistance.

Sincerely yours,

Thomas R. Chapman
Supervisor
New England Field Office

FPPA

All new construction at the Litchfield WPCF will be on soils not classified as important farmland soil (RED)

Steve Chrabascz
Rural Development
3 April 2020

PROXIMATE COURSE OF RIVER

APPROXIMATE FLAGGED WETLANDS

PROPOSED 700 SECONDARY CLARIFIER

PROPOSED RAS/WAS PUMP STATION
CLARIFIER DBOX

PROPOSED 700 SECONDARY CLARIFIER

ADAPTATION TANK 16-3
MODIFICATIONS TO EXISTING AERATION TANKS (1-12)
Aeration Tank 1 CONNECT NEW 4" PW TO EXISTING 4" PW

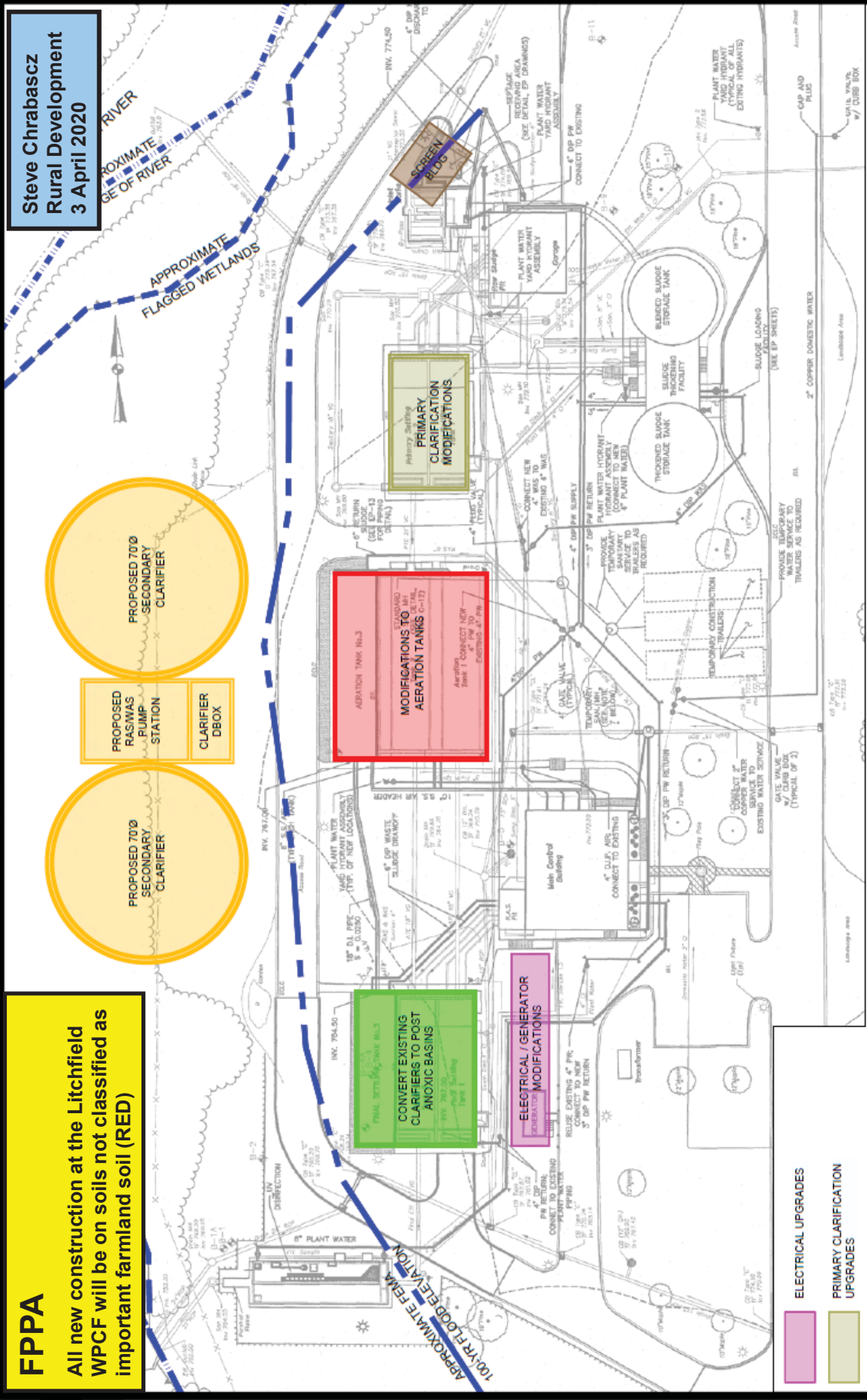
CONVERT EXISTING CLARIFIERS TO POST ANOXIC BASINS
Plant Building

ELECTRICAL / GENERATOR MODIFICATIONS
Plant Building

SCREEN BUILD

PRIMARY CLARIFICATION MODIFICATIONS
Primary Building

- ELECTRICAL UPGRADES
- PRIMARY CLARIFICATION UPGRADES
- PRE ANOXIC UPGRADES
- HEADWORKS UPGRADES
- AERATION BASIN UPGRADES
- SECONDARY CLARIFICATION UPGRADES



DPC Engineering, LLC
MARCH 2020

LITCHFIELD WATER POLLUTION CONTROL FACILITY

FIGURE 3C

USDA-RD: ER

0.95 MGD CONCEPT PLAN

SCALE: 1" = 50'

**Woodridge Lake Sewer District/Litchfield
Sewer Extension/Treatment Plant Upgrade
Goshen & Litchfield, CT**

FPPA
All new construction at the Litchfield WPCF will be on soils
not classified as important farmland soil (RED)





*Progressive
solutions for
municipal
infrastructure*

DPC Engineering, LLC
22 Northfield Road
Longmeadow, MA 01106

Phone: 413-567-6310
Fax: 413-451-1030
www.DPCengineering.com

Memorandum

To: Steve Chrabascz, P.E., State Engineer & Environmental Coordinator, USDA Rural Development

From: Dave Prickett, P.E. President, DPC Engineering, LLC
James Rivers, Staff Engineer, DPC Engineering, LLC

Date: April 10, 2020

Cc. Jim Mersfelder, Vice President & Treasurer, WLSD
Jeff Clark, Board Member, WLSD

Re: **Updates to Environmental Assessment – USDA Funding Application
Regional Wastewater Management Project, WLSD/Town of Litchfield**

This Memorandum includes a summary of key items needed to update and complete the Environmental Assessment (EA) submitted to USDA Rural Development as part of the funding application for the Wastewater System Upgrades Project for Woodridge Lake Sewer District and the Town of Litchfield, CT, as well as responses to the comments provided by USDA in their memorandum of April 3, 2020 (attached).

Item/Responses

1.a – Litchfield System

The Town of Litchfield owns and operates a wastewater collection system and water pollution control facility (WPCF) that serves approximately 1,210 customers. The collection system includes approximately 150,000 LF (~28.5 miles) of gravity sewer mains, and 665 manholes. The collection system is comprised of 6 to 21-inch AC, PVC, RCP and VC sewer pipes, and the majority of the system is over 50 years old.

The Litchfield WPCF, located at 29 Stoddard Road in Litchfield, CT, was constructed in 1970, and upgraded in 2001. The WPCF includes preliminary treatment, activated sludge treatment, secondary treatment, UV disinfection, and solids handling. The WPCF discharges treated effluent into the Bantam River, and is permitted for an average annual discharge of 0.80 MGD. The WPCF, as currently configured, is able to treat 0.60 MGD and has not undergone any major upgrades since 2001. The Litchfield WPCF does not have a history or violations or any current violations of regulatory requirements.

The proposed upgrades to the Litchfield WPCF include the following major components:

- Installation of new headworks building with influent screen and washer compactor, and new grit removal system
- Extensions to raise the existing primary clarifier, aeration basin and secondary clarifier/post-anoxic basin walls above flood elevation
- Conversion of the existing secondary clarifier to an anoxic basin with new anoxic mixer and bridge, to provide additional total nitrogen removal capacity
- New secondary clarifier tank and required internals (mechanism, weirs, baffles)



- New return activated sludge (RAS) and waste activated sludge (WAS) pump building and new RAS and WAS pumping systems
- Electrical system upgrades and new emergency generator
- Site fencing, paving and restoration

Pending preliminary design and discussions with the Town of Litchfield, portions of the proposed upgrades to the Litchfield WPCF may be deferred to a future project.

1.b – Intergovernmental Review Process

Signed copies of the USDA Rural Development Intergovernmental Review Consultation Form from WLSD and the Town of Litchfield are attached.

1.c – Historic Preservation

Signed copy of the NPA Application Certification from the Town of Litchfield is attached.

1.d – Threatened and Endangered Species

No action required by the preparer.

1.e – CONACT Programs

No action required by the preparer.

1.f – Floodplains

Pending approval of the EA, WLSD and the Town of Litchfield will publish the Preliminary Public Notice for Potential Impacts to Floodplains and the Public Notice Announcing the Availability of the Environmental Assessment.

1.g – Farmlands

No action required by the preparer.

- 4) Site plan [A site plan showing buildings, roads, resource locations and other key features of the proposed site]

Attachment 2: USDA Rural Development Intergovernmental Review Consultation Form

Project Name: Regional Wastewater Management Project, WLSD

- 1) Is the proposal consistent with State or local government planning goals?

Yes No

- 2) Does the proposal duplicate, run counter to, or need to be coordinated with other activities, or might it be revised to increase its effectiveness?

Yes No

- 3) Will the proposal contribute to achieving state or local government goals relating to natural and human resources or economic and community development?

Yes No

- 4) Are there environmental impacts and alternatives that should be considered in the Agency's environmental review?

Yes No

- 5) Will the proposal influence area growth or delivery of services, including any disproportionate effects on minority groups?

Yes No

6) Will the proposal impact energy resource supply and demand?

Yes No


7) Will the proposal displace people or businesses?

Yes No

8) Will the proposal be located in a Coastal Zone or Coastal Barrier Resource Area and is it consist with any State coastal management plan?

Yes No

Comments:



Signature/Title
James L. Mersfelder
Vice President & Treasurer

4/7/20

Date

- 4) Site plan [A site plan showing buildings, roads, resource locations and other key features of the proposed site]

Attachment 2: USDA Rural Development Intergovernmental Review Consultation Form

Project Name: Regional Wastewater Management Project, Litchfield, CT

- 1) Is the proposal consistent with State or local government planning goals?

Yes No

- 2) Does the proposal duplicate, run counter to, or need to be coordinated with other activities, or might it be revised to increase its effectiveness?

Yes No

- 3) Will the proposal contribute to achieving state or local government goals relating to natural and human resources or economic and community development?

Yes No

- 4) Are there environmental impacts and alternatives that should be considered in the Agency's environmental review?

Yes No

- 5) Will the proposal influence area growth or delivery of services, including any disproportionate effects on minority groups?

Yes No

6) Will the proposal impact energy resource supply and demand?

Yes No

7) Will the proposal displace people or businesses?

Yes No

8) Will the proposal be located in a Coastal Zone or Coastal Barrier Resource Area and is it consist with any State coastal management plan?

Yes No

Comments:

Dennis Laap, First Selectman
Signature/Title

4/10/2020
Date



NPA Applicant Awareness Certification

Project Name: Regional Wastewater Management Plan

Borrower Name: Woodridge Lake Sewer District/Town of Litchfield, CT

Program: RUS

Fiscal Year: 2020

Calendar Year: 2020

1. As the applicant I understand that to use the NPA I must "initiate Section 106 no later than ninety (90) business days after the announcement of my obligation if I have not done so already; and to notify the appropriate RD agency that Section 106 has been initiated in accordance with 36 CFR Part 800.2(c)(4), and 7 CFR Part 1970.5(b)(2) of the regulations, "Environmental Policies and Procedures" (7 CFR Part 1970)", per Stipulation I.C of the NPA.
2. As the applicant I understand that to use the NPA I need to "to submit Section 508 of the Rehabilitation Act of 1973 (29 U.S.C. § 794 (d)), as amended in 1998 (508 compliant) hard copy or electronic Section 106 documentation to SHPOs, THPOs, Indian tribes, and NHOs based on the preference of the receiving party", per Stipulation I.D of the NPA.
3. As the applicant I certify that I have been made aware of Stipulation II (Deobligation of Funding) of the NPA.
4. As the applicant I certify that I have been made aware of my responsibilities under Stipulation III.M (Roles and Responsibilities) of the NPA.
5. As the applicant I certify that I have been made aware of the RD template letters and guide available to help me through the Section 106 process.

Name/Title: DENISE RAAP, FIRST SELECTMAN

Signature: Denise Raap Date: 4/10/2020



13 April 2020
(SRC/20-054)

SUBJECT: Woodridge Lake Sewer District/Town of Litchfield
Regional Sewer Extension Project
Review of the Environmental Assessment

TO: Jennifer Lerch
Program Director

FROM: Steve Chrabascz
State Environmental Coordinator

I have reviewed the Environmental Assessment, dated 25 March 2020 along with a few supplements for the Woodridge Lake Sewer District/Town of Litchfield Regional Sewer Extension Project, and have made the following determinations:

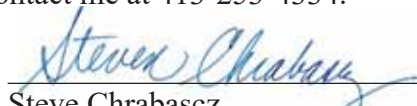
CONCURRENCE WITH CLASSIFICATION OF PROPOSAL

- Environmental Assessment (7 CFR 1970.101)
- Incorrect classification; should be Categorical Exclusion w/ Environmental Report (7 CFR 1970.54). State/National Environmental Staff instructs Processing Official to process as CE.

ACCEPTANCE OF ENVIRONMENTAL ASSESSMENT

- Acceptable. Environmental staff works with Processing Official to have Applicant prepare a combined Preliminary Notice for Potential Impacts to Floodplains and the Notice of Availability of the EA.
- Unacceptable. In order to bring the report into compliance with regulatory and Agency requirements, please address the following items:

2. If you have any questions, please feel free to contact me at 413-253-4334.



 Steve Chrabascz
 State Engineer & Environmental Coordinator

Original to: N. St. Jean
ecc: J. Lerch, F. Petrulli

Rural Development • Amherst State Office
451 West Street, Suite 2 • Amherst MA 01002
Voice (413) 253-4302 • Fax (855) 596-7673
TDD (413)253-4590

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13 April 2020
(SRC/20-055)

SUBJECT: Woodridge Lake Sewer District/Town of Litchfield
Regional Sewer Extension Project
Review of the Environmental Assessment

TO: Jennifer Lerch
Program Director

FROM: Steve Chrabascz
State Engineer & Environmental Coordinator

ENCL: (1) RD Instruction 1970-C, Exhibit C
Acceptance of Environmental Assessment
(2) Combined Template for Notice of Availability of an Environmental
Assessment and Preliminary Public Notice for Potential Impacts to
Floodplains

1. Originally the above subject project was classified as a Categorical Exclusion with an Environmental Report (ER), however, due to planned construction within the 100-year floodplain at the Litchfield Water Pollution Control Facility, the project had to be elevated to an Environmental Assessment (EA) in accordance with §1970.10 and §1970.52(b)(4)(iv). Based on input from the National Office Environmental Staff, certain edits had to be made to convert the document from an ER to an EA. These edits, including the 8-step decision making process with respect to the floodplains, were documented into the ER/EA. The edits were found to be acceptable. The EA has therefore been accepted and RD Instruction 1970-C, Exhibit C, "Acceptance of Environmental Assessment" has been completed; see Encl. (1). This form documents our concurrence with the classification of the proposal as an EA and documents our official acceptance of the EA.

2. Before the NEPA process can be considered complete and in accordance with RD Instruction 1970-C, §1970.102(b)(ii), a public notice must be published. For this project, a Public Notice Announcing the Availability of an Environmental Assessment and a Preliminary Public Notice for Potential Impacts to Floodplains must be published. These public notices have been combined into a single notice; see attached Encl. (2). The notice must be published in the non-classified section of the local newspaper that serves the surrounding counties. The Notice should be published for three consecutive days in a daily newspaper, or for two consecutive issues in a weekly newspaper. Online publication, as applicable, should be included. The Notice must include a project location map. For this project, the comment period will be 14-days beginning on the date of first publication. Prior to publication, PSS requests that the Notice be submitted to PSS for review. Once approved and published, the Applicant must provide Rural Development with two copies of tear sheets of the newspaper, or publisher's affidavits, showing that the Notice appeared. Rural Development's State Office will be the keeper of the accepted

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Voice (413) 253-4302 • Fax (855) 596-7673
Relay 711

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SUBJECT: Woodridge Lake Sewer District/Town of Litchfield
Regional Sewer Extension Project
Review of the Environmental Assessment

Environmental Assessment. Any and all questions must be directed to Jen Lerch, preferably by electronic format, and all answers will be generated by the State Office. The State Office will forward an electronic copy of the accepted EA to all parties requesting a copy. If an interested party wishes to have a hard copy, the State Office will make a copy for a non-refundable fee plus shipping. The accepted EA will be available for review in the State Office to any interested party by appointment only. PSS will provide additional instructions once the 14-day comment period has expired. To expedite publication, PSS will forward this memorandum and attachments to the Project Engineer.

2. If you have any questions, please feel free to contact me at 413-253-4334.



Steve Chrabasz
State Engineer & Environmental Coordinator

Original to: N. St. Jean
ecc: J. Lerch, F. Petrulli



13 April 2020
(SRC/20-054)

SUBJECT: Woodridge Lake Sewer District/Town of Litchfield
Regional Sewer Extension Project
Review of the Environmental Assessment

TO: Jennifer Lerch
Program Director

FROM: Steve Chrabascz
State Environmental Coordinator

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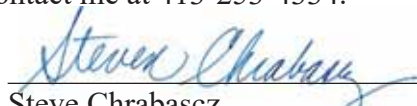
CONCURRENCE WITH CLASSIFICATION OF PROPOSAL

- Environmental Assessment (7 CFR 1970.101)
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ACCEPTANCE OF ENVIRONMENTAL ASSESSMENT

- Acceptable. Environmental staff works with Processing Official to have Applicant prepare a combined Preliminary Notice for Potential Impacts to Floodplains and the Notice of Availability of the EA.
- Unacceptable. In order to bring the report into compliance with regulatory and Agency requirements, please address the following items:

2. If you have any questions, please feel free to contact me at 413-253-4334.


 Steve Chrabascz
 State Engineer & Environmental Coordinator

Original to: N. St. Jean
ecc: J. Lerch, F. Petrulli

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Combined Template for the Public Notice Announcing the Availability of an Environmental Assessment and the Preliminary Notice for Potential Impacts to Floodplain

DEPARTMENT OF AGRICULTURE, Rural Development

AGENCY: Rural Utilities Service (RUS)

APPLICANTS: Woodridge Lake Sewer District (WLS D) and the Town of Litchfield

ACTION: Notice of Availability of an Environmental Assessment and the Preliminary Notice for Potential Impacts to Floodplains

SUMMARY: Notice is hereby given that the RUS as required by the National Environmental Policy Act, is issuing an environmental assessment (EA) in connection with possible impacts related to a project proposed by the Woodridge Lake Sewer District (WLS D) of Goshen, CT and the Town of Litchfield, of Litchfield, CT. The proposal is for construction of [**Brief Description of Project, Include Impacted Areas**]. The Applicants have submitted an application to RUS for funding of the proposal. \

FOR FURTHER INFORMATION CONTACT: Jennifer Lerch, Program Director, Rural Development, 413-253-4316, 451 West Street, Amherst, MA 01002, or via email at jennifer.lerch@usda.gov.

SUPPLEMENTARY INFORMATION: WLS D and the Town of Litchfield proposes to [**Detailed Description of Project**]. DPC Engineering, LLC, an environmental consultant, prepared an environmental assessment for RUS that describes the project, assesses the proposed project's environmental impacts and summarizes as applicable any mitigation measures used to minimize environmental effects. If implemented, the proposed project will convert [**include definition of floodplain, acreage and location and description of construction within floodplain**]. In accordance with Executive Order 11988, Floodplain Management, and USDA Departmental Regulation 9500-3, Land Use Policy, the purpose of this notice is to inform the public of this proposed conversion, alternative sites or actions that would avoid these impacts, and methods that could be used to minimize these impacts.

RUS has conducted an independent evaluation of the environmental assessment and believes that it accurately assesses the impacts of the proposed project. No significant impacts are expected as a result of the construction of the project.

The environmental documentation regarding this proposal is available for review at the address provided by appointment only. Questions and comments should also be sent to RUS at the address provided. RUS will accept questions and comments on the environmental assessment for 14 days from the date of first publication of this notice.

Any final action by RUS related to the proposed project will be subject to, and contingent upon, compliance with all relevant Federal environmental laws and regulations and completion of environmental review procedures as prescribed by 7 CFR Part 1970, Environmental Policies and Procedures.

A general location map of the proposal is shown below [**Insert general location map of the proposed project**].

Dated: [**Insert Date**]



13 April 2020

James Mersfelder
Woodridge Lake Sewer District
Vice President & Treasurer

RE: Woodridge Lake Sewer District & Town of Litchfield
Regional Wastewater Management Project
Goshen & Litchfield, CT

Dear Mr. Mersfelder:

Attached you will find a copy of the combined public Notice of Availability of an Environmental Assessment (NOA) and the Preliminary Public Notice for Potential Impacts to Floodplains which must be published for the proposed project referenced above. The attached combined Notice is to be published in the non-classified section of the local newspaper that serves the surrounding counties. The Notice should be published for three consecutive days if a daily newspaper, or for two consecutive issues if a weekly newspaper. Online publication, as applicable, should be included. Please provide a project location map to the newspaper to be included with the Notice.

Please provide Rural Development's Norwich Office with two copies of tear sheets of the newspaper, or publisher's affidavits, showing that the Notice appeared. As mentioned in the Notice, all comments must be directed to RUS at the contact information provided. For this project, the comment period will be 14-days beginning on the date of first publication. RUS will provide additional instructions once the 14-day comment period has expired.

If you have any questions concerning this letter, please contact Jennifer Lerch at 413-253-4316 or Norm St. Jean at 860-319-8081.

Sincerely,

Norm St. Jean
Attachment