



WATER INFRASTRUCTURE PROJECT

Environmental Review Information Document



PROJECT TITLE: WWTF Oxidation Ditch Upgrade	
FUNDING RECIPIENT (ENTITY): North Conway Water Precinct	
COORDINATES: 44.022668,-71.12106949999999	
PUBLIC WATER SYSTEM: NA	PWS #: NA
ENVIRONMENTAL REVIEW POINT OF CONTACT: Paige Durant	
ORGANIZATION: Wright-Pierce	
EMAIL ADDRESS: paige.durant@wright-pierce.com	

PROJECT LOCATION(S)				
ADDRESS	TOWN	COUNTY	TAX MAP	TAX LOT
104 Sawmill Lane	CONWAY	Carroll		

INTRODUCTION

The North Conway Water Precinct has applied for funds through the State of New Hampshire Department of Environmental Services (NHDES) Clean Water State Revolving Fund (CWSRF) and American Rescue Plan Act (ARPA), to finance a water infrastructure improvements project.

This document fulfills the requirements Env-Wq 508 relative to providing information on the environmental review required by Env-Wq 500.

PROJECT BACKGROUND

The North Conway Water Precinct (NCWP or Precinct) owns and operates a Wastewater Treatment Facility (WWTF) located at 104 Sawmill Lane, North Conway, New Hampshire. The WWTF is permitted to discharge treated municipal wastewater to the Saco River aquifer via rapid infiltration basins through a groundwater discharge permit (GWP-198907055-C-006). The WWTF includes the following major processes: mechanical fine screening, grit removal, two oxidation ditches, secondary clarification, UV disinfection, automated septage receiving system, and sludge dewatering. In anticipation of accepting additional wastewater flow from the Conway Village Fire District (CVFD), the WWTF was rerated as part of a secondary treatment upgrade completed in 2014 from the original 1.5 million gallons per day (MGD) average daily flow rate to 2.28 MGD.

The Precinct provides treatment to the CVFD and sewered portions within North Conway. With the addition of the CVFD in 2014, steady increases in local development within the Precinct have also contributed to steady increases in flows and loading to the WWTF. In addition to regional development, the Precinct has also seen a significant increase in septage since completing an automated septage receiving upgrade in 2018. The Precinct has used septage receiving as a revenue source for the WWTF to offset operational and maintenance costs and has a goal of increasing septage receiving capabilities in the future.

PURPOSE AND NEED

Based on the historical flows and loads, the WWTF has only needed to operate one of the two available oxidation

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ditches at a time. As seasonal flows and loadings continue to increase at the WWTF, in addition to their increased septage receiving volumes, the Precinct is approaching the limit of capacity for a single oxidation ditch carousel. The goal of the proposed project is to upgrade the existing oxidation ditch system to provide additional secondary treatment capacity to meet the Precinct's updated loading conditions, and to upgrade the Oxidation Ditch A equipment, currently offline, to provide renewed redundancy in the oxidation ditch system.

Based on proposed upgrades to Oxidation Ditch A, additional equipment loads will be added to the existing standby generator power system. The existing standby generator is a diesel powered 500 kilowatt (kW) unit with a remote radiator and 4,000 gallon diesel underground storage tank. The standby generator and associated electrical equipment are over 25 years old, which is nearing the end of the equipment's reliable useful life. Recent testing of the standby generator by a third party has confirmed that the standby generator should be replaced soon. As a result, the proposed project will also include design of a new standby power generator system as a Bid Alternate. Additional ancillary equipment upgrade recommendations are included in the Preliminary Design Report (Wright-Pierce, June 2023) to cover any of the other items recommended (i.e., Heating, Ventilation and Air Conditioning (HVAC) upgrades and control panel upgrades).

Both equipment in Oxidation Ditch A and the existing standby generator are original to the WWTF's construction in 1997.

ALTERNATIVES

The proposed project will include work where only a small disturbance is required, such as for upgrades, and no increase or expansion is planned.

An oxidation ditch upgrade alternatives analysis was completed by Wright-Pierce in 2022 which compared several different aeration upgrade technologies. The results of this evaluation included the recommendation of a mechanical aerator upgrade.

PROJECT DETAILS

The existing oxidation ditch aeration system consists of two separate carrousels (Oxidation Ditch A and B) which have had aeration equipment that was installed/upgraded at different times. The existing single oxidation ditch system installed in Oxidation Ditch B (125 horsepower (HP) mechanical aerator, supplemental diffused air) is currently operating near or at full capacity during summer months and from additional septage received. Based on an evaluation of the secondary treatment system, it was determined that a single ditch with upgraded aeration equipment could provide approximately 40% additional summer capacity and 60% additional winter capacity from the baseline 2021 influent flows and loads. Given the Precinct's preferences and operational advantages of continuing to operate only a single oxidation ditch, it was recommended that the NCWP upgrade the aeration equipment in Oxidation Ditch A (equipment vintage 1997) to provide additional capacity for future build-out conditions.

Increasing capacity in a single ditch will:

- 1) Provide the NCWP with additional oxidation ditch capacity in the future.
- 2) Provide oxidation ditch redundancy during non-peak summer months.
- 3) Current seasonal low-flow loading conditions do not support 2-ditch operation, necessitating regular switching between 1-and 2-ditch operation which poses operational challenges.
- 4) Single ditch operation offers greater energy efficiency than operating two ditches simultaneously.
- 5) Replace 25-year-old mechanical equipment in Oxidation Ditch A (i.e., mixers and mechanical aerators) which have outlived their reliable equipment design life.

In addition to the secondary treatment upgrades, the existing standby generator will be replaced and relocated outside in an exterior enclosure, east of the Process Building near the solar array control panel. The standby generator will be supplied with a double-walled, aboveground underbelly diesel storage tank. Based on the estimated height of the underbelly fuel tank, the standby generator will be accessible via an aluminum access platform, handrails, and stairs. The proposed Oxidation Ditch Upgrade project will consist of design phase engineering, construction phase engineering, and construction of:

- Installation of a new, larger mechanical aerator in Oxidation Ditch A with a variable frequency driver (VFD).
- Modification of the existing “E-house” to accommodate the new mechanical aerator electrical requirements.
- Update of the Oculus Control System including new instrumentation including dissolved oxygen, ammonia , and Oxidation-reduction potential (ORP) probes.
- Replacement of two (2) new submersible mixers in each Fermentation Zone of Oxidation Ditch A.
- Replacement of two (2) new vertical mount mixer in each First Anoxic Zone of both ditches.
- Installation of VFDs for the existing re-aeration blowers.
- Replacement of two (2) new vertical mount mixers in each Second Anoxic Zone.
- Civil, Instrumentation, and Electrical Upgrades as necessary to provide a complete project upgrade.
- Demolition of the existing standby generator and installation of a new larger exterior standby generator as part of a Bid Alternate.

Permanent Disturbance: 450 square feet (sq. ft.)

Temporary Disturbance: 0.00 sq. ft.

Total Disturbance: 450 sq. ft.

FUNDING PLAN

The North Conway Water Precinct voted to authorize funding in the amount of \$3,987,000 for this project on 03/30/2022.

The estimated cost of the overall project is \$3,550,000. The funding plan for this project is outlined below.

Funding Source	Loan Amount	Grant Amount	Loan/Grant Number
American Rescue Plan Act (ARPA)	\$0.00	\$997,000	
Clean Water State Revolving Fund (CWSRF)	\$2,093,000	\$0.00	

ENVIRONMENTAL CONCERNS & MITIGATION

The following sections evaluate the potential environmental and socio-economic impacts that may result from the proposed project and identify all existing or anticipated environmental permits related to the project.

AIR RESOURCES

Describe any anticipated air quality related impacts and proposed mitigation efforts.

Updated air permit if Bid Alternate A is accepted for a new exterior standby generator.

Does the project include the addition or replacement of a fuel burning device, stationary engine, and/or internal combustion engine (e.g. boiler, generator, water pump engine, space heater)? Yes

Type(s) of fuel burning devices: Emergency Generator

Type(s) of fuel: Diesel

Number of Diesel Engines: 1

Maximum heat output rating in million BTUs per hour (MMbtu/hr): 0.29

Does the project include any demolition?

Yes

Does the project include any renovation which includes any structures, siding, roofing, heating systems, piping or ductwork, insulation, or utility infrastructure, including but not limited to transite pipe, electrical line, water line, sewer line or storage tanks?

Yes

Will the project and/or construction generate any toxic air pollutants or fugitive dust?

No

Describe any Best Management Practices that will be implemented to avoid and minimize air impacts.

0.29

Air Resources Division Review (the following section completed by NHDES staff)

Will the ambient air quality remain within national ambient air quality standards as a direct result of the implementation of the project?

Answer (Yes, No, N/A): Yes
Reviewer: Thomas Guertin, 10/23/23
Comments: The heat input of the engine, as proposed, is less than the permitting threshold and therefore does not require a permit. If the engine(s) purchased is (are) larger than what is proposed and the heat input exceeds the permitting threshold, then a permit application must be submitted prior to the installation of the new or modified device(s). Rule Note: The heat input for all engines that are greater than or equal to 10% of the permit threshold (0.15 MMBtu/hr.) must be totaled to establish the total heat input for the installation. If the total heat input for the installation exceeds 1.5 MMBtu/hr., then a permit is required.

Will the siting, construction, and operation of the project be consistent with applicable State statutes and/or regulations concerning: regulated toxic air pollutants, fugitive dust, and/or opacity?

Answer (Yes, No, N/A): Yes
Reviewer: Thomas Guertin, 10/23/23
Comments: The designation of "Yes" assumes that best management practices are used to control dust from construction equipment and vehicular movement in the construction zone.

Will the project meet national emission standards for hazardous air pollutants?

Answer (Yes, No, N/A):
Reviewer: Thomas Guertin, 10/23/23
Comments: None of the activities described have the potential to emit any hazardous air pollutants.

Will the project be in compliance with the requirements specified in Env-A 1800 Asbestos Management and Control?

Answer (Yes, No, N/A): Yes if the steps described below are followed.
Reviewer: Ray Walters, 11/02/23
Comments: The summary of this project indicates that a demolition of an existing standby generator is planned. It is not clear if this demolition includes a structure, or not. An inspection for asbestos-containing material (ACM) is required before any demolition, including the submittal of a Notification for Demolition to ARD at least 10-working days prior to beginning the demolition, whether any ACM is found or not. The summary of this project does not indicate that ACM is present, but ACM may be encountered in many materials including heating systems, piping, or ductwork; siding, insulation, and utility infrastructure, including but not limited to transite pipe, electrical line and systems, water line, sewer line, or storage tanks. If any ACM is identified during the inspection done prior to the project, which will be result in the removal or disturbance of the ACM, then it is likely that there would be additional notification, work practice, packaging, and disposal requirements for the ACM.

ALTERATION OF TERRAIN

Does the project include any of the following earth moving activities as defined in Env-Wq 1502.19 (filling, grading, dredging, mining, excavation, construction, topsoil removal, stump removal, stockpiling earth material, or any other activity that results in a change to the pre-existing conditions and/or contours)?

Yes

Does the project include a temporary or permanent disturbance of 100,000 square feet of terrain, or 50,000 square feet of terrain with any portion of disturbance within the protected shoreland as defined by RSA 483-B?

No

Does the project include the disturbance of an area exceeding the steep slope criteria of Env-Wq 1502.58(b)(1)?

No

Does the project meet the criteria outlined in Env-Wq 1503.03 General Permit by Rule?

Yes

Alteration of Terrain Program Review (the following section completed by NHDES staff)

Does the project involve earth moving activities, as defined under Env-Wq 1502.19, that would trigger an Alteration of Terrain review?

Answer (Yes, No, N/A): No
Reviewer: Mike Schlosser, 11/3/23
Comments:

Is the project consistent with all criteria outlined in Env-Wq 1503.03, allowing the project to proceed under the General Permit by Rule (GPBR)?

Answer (Yes, No, N/A): Yes
Reviewer: Mike Schlosser, 11/3/23
Comments:

If the project is not consistent with all criteria in Env-Wq 1503.03, can the project proceed under the GPBR if a waiver is requested and approved?

Answer (Yes, No, N/A): N/A
Reviewer: Mike Schlosser, 11/3/23

Comments:

Will the project require an Alteration of Terrain permit?

Answer (Yes, No, N/A): No

Reviewer: Mike Schlosser, 11/3/23

Comments:

COASTAL ZONE MANAGEMENT

Is the project located within any of the municipalities in NH’s coastal zone?

No

Will the project require a federal license of permit (e.g. Army Corps of Engineers section 10 or 404 permit; National Pollution Discharge Elimination System (NPDES) permit)?

N/A

Coastal Zone Management Review (the following section completed by NHDES staff)

Is the project consistent with the enforceable policies of the NH Coastal Program in accordance with Section 307 of the Coastal Zone Management Act of 1972, as amended? [PL 92-583]

Answer (Yes, No, N/A): N/A

Reviewer: Chris Williams

Comments: Conway is located outside New Hampshire’s coastal zone.

CONTAMINATION AND HAZARDOUS WASTE SITES

Is the project located within one-half (1/2) mile of any known environmental contamination sources?

No

Waste Management Division Review (the following section completed by NHDES staff)

Does the WMD anticipate any adverse effects from this project?

Answer (Yes, No, N/A): No

Reviewer: Meaghan Broderick

Comments: WMD does not anticipate adverse effects from this project, but we note that there is a closed LUST project and closed LAST project (N Conway Water Precinct WWTF, DES#198907055) in the project area. As with all excavation projects near LAST and LUST sites, it is possible that residual petroleum contamination could be encountered. If so, please contact Meaghan Broderick of the NHDES Oil Remediation and Compliance Bureau at 603-271-2427.

Given the potential for encountering petroleum contamination at this site, the Precinct may wish to contact the NH Petroleum Reimbursement Fund Manager, Jennifer Marts, at 603-271-2570, to discuss whether the Precinct is eligible to receive financial assistance from the Petroleum Reimbursement Fund in the event that petroleum from the LUST or LAST site is encountered.

Does the Superfund Section anticipate any adverse effects from this project?

Answer (Yes, No, N/A): No

Reviewer: Andrew Hoffman
Comments: This project is not in proximity to, nor will it impact, any superfund sites.
Will the project address any active and ongoing violations and/or enforcement actions?
Answer (Yes, No, N/A): No
Reviewer: Meaghan Broderick
Comments:

DESIGNATED RIVERS

Does the project fall within a Designated River Corridor?

Yes

Rivers Management & Protection Program Review (*the following section completed by NHDES staff*)

Is the project consistent with the provisions of the Rivers Management and Protection Act and have appropriate advisory committees been notified? [RSA 483]

Answer: Yes
Reviewer: Amanda Barker-Jobin, 11/20/2023
Comments: Based on the information provided, the proposed WWTF upgrade located at 104 Sawmill Lane in Conway, NH, is located within the corridor of the Saco River. The Saco-Swift Rivers LAC was notified of the proposal on October 23, 2023. The LAC did not submit any comments regarding the proposed project. The Rivers Program has no concerns with the proposal.

Will the project avoid adversely affecting any rivers designated, or which are being considered for designation, under the federal Wild & Scenic Rivers Act? [PL 90-542]

Answer: N/A
Reviewer: Amanda Barker-Jobin, 11/20/2023
Comments: Based on the information provided, the proposed project will not impact any federally designated Wild & Scenic Rivers.

DRINKING WATER AND GROUNDWATER

Does the project include the siting, rehabilitation, hydrofracking, or permitting of one of the following: a community water supply well OR a non-community, non- transient water supply well for a non-profit entity?

N/A (Wastewater projects only) **Type of Well:** N/A

Will the project result in any wastewater discharge (including treatment backwash) onto or into the ground?

Yes

The project may require registration or permitting from the Underground Injection Control and/or Groundwater Discharge Programs. If the project is already registered/permited, provide the registration and/or permit number:

GWP-198907055-C-006

Have adequate measures been taken to ensure that activities associated with this project will not lead to the discharge of potential contamination to the ground and comply with rule Env-Wq 401 regarding Best Management Practices for Groundwater Protection?

Yes

Drinking Water and Groundwater Bureau Review (the following section completed by NHDES staff)

Does the DWGB anticipate any adverse effects from this project on groundwater resources (e.g. bedrock/overburden aquifers, private water supplies, or public water supplies/systems)?

Answer: No
Reviewer: Andrew Koff 10/27/2023
Comments:

Does the project require registration or permitting from the Underground Injection Control and/or Groundwater Discharge programs? [Env-Dw 404; Env-Dw 402]

Answer: Yes
Reviewer: Andrew Koff 10/27/2023
Comments: The facility is permitted through the groundwater discharge program and in good standing

Have adequate measures been taken to ensure that activities associated with this project will not lead to the discharge of potential contamination to the ground, and comply with rule Env-Wq 401 regarding Best Management Practices for Groundwater Protection?

Answer: Yes
Reviewer: Andrew Koff 10/27/2023
Comments:

Is the project consistent with the Sole Source Aquifers program? [SDWA 1421(e)]

Answer: N/A
Reviewer: Andrew Koff 10/27/2023
Comments:

Will the project address any active and ongoing violations and/or enforcement actions?

Answer: N/A
Reviewer: Eric Skoglund; October 24, 2023
Comments: This project appears to have no adverse effects to the public water system.

FARMLAND PROTECTION POLICY ACT

Does the project involve acquisition of undeveloped land, conversion of undeveloped land, new construction, or site clearance?

No

Will the project impact prime farmland, unique farmland, and/or land of statewide or local importance?

No

Environmental Review Coordinator Review (the following section completed by NHDES staff)

Will the project avoid adversely affecting significant amounts of prime agricultural land or agricultural operations on this land? [Farmland Protection Policy Act]

Answer (Yes, No, N/A): Yes
Reviewer: NRCS
Comments: Based on a review of Natural Resources Conservation Service (NRCS) Web Soil Survey data, work will occur in an area designated as farmland of local importance. The project work will occur within a previously disturbed area, therefore impacts are not expected; consultation with NRCS is in progress.

FLOODPLAIN MANAGEMENT

Is the project located within, or will it have an impact on, a 100-year floodplain (Zone A) or Coastal High Hazard zone (Zone V) as identified by FEMA?

No

Please describe why the project cannot be located outside of these areas, including a summary of any and all alternatives that were considered. Also provide a description of the measures proposed to mitigate these impacts.

N/A

Environmental Review Coordinator Review (the following section completed by NHDES staff)

Is the project consistent with Executive Order 14030 (Federal Flood Risk Management Standard [FFRMS]) regarding construction on floodplains?

Answer (Yes, No, N/A): NA
Reviewer: FEMA Firmette
Comments:

HISTORICAL, CULTURAL, AND RECREATIONAL RESOURCES

Has a Request for Project Review (RPR) been submitted to the NH Division of Historical Resources (NHDHR) for the entire project scope?

No

Will the project result in changes to historical resources (including archaeological resources, cultural resources, or historic properties)?

No

Does the project require work on, or demolition of, any historic buildings (greater than 45 years old), structures (bridges, walls, culverts, etc.), districts, and/or landscapes?

No

Provide the age of the resource(s) to be impacted.

N/A

Is the project located within, or directly adjacent to, a historic district?

Yes

Is the project scope limited to the repair, replacement, or installation of infrastructure piping, equipment, and/or appurtenances where all work will occur within an existing building footprint, utility trenches, road surfaces?

Yes

Does the project involve ground disturbing activity? Describe current and previous land use and disturbances.

Yes - Removal of the existing exterior underground fuel storage tank that services the standby generator would be required if a new exterior generator is installed as a bid alternative. This area was previously disturbed to place the fuel storage tank.

Will construction activities occur within 25 feet of a cemetery?

No

Environmental Review Coordinator Review (the following section completed by NHDES staff)

Will the project comply with Executive Order 11593 – Protection and Enhancement of the Cultural Environment?

Answer (Yes, No, N/A): Yes
Reviewer: DHR
Comments: The Division of Historical Resources (DHR) review is in process.

Will the project comply with sections 106 and 110 of the National Historic Preservation Act?

Answer (Yes, No, N/A): Yes
Reviewer: DHR
Comments: The Division of Historical Resources (DHR) review is in process.

Will the project avoid significant adverse effects on parklands or other public lands, or areas of recognized scenic or recreational value?

Answer (Yes, No, N/A): Yes
Reviewer: DHR
Comments: The Division of Historical Resources (DHR) review is in process.

INTERGOVERNMENTAL REVIEW

Has a request for intergovernmental review been submitted to the NH Office of Strategic Initiatives for the entire project scope?

Yes

Have the results been received?

Yes

Environmental Review Coordinator Review (the following section completed by NHDES staff)

Has the Intergovernmental Review Process been completed and have all comments been adequately addressed? [NH EO 83-10]?

Answer (Yes, No, N/A): Yes
Reviewer: Department of Energy
Comments: SAI # NH22.196 completed 7/8/2022

NOISE

Will the project result in increased noise sources, or impact noise-sensitive areas (e.g. residential areas, schools, libraries)? Please consider both permanent and temporary impacts.

No

Describe any anticipated noise impacts that will occur as a result of the project (both temporary and permanent).

N/A

PLANTS AND WILDLIFE

Has an NHB Datacheck/IPAC/NOAA been submitted?

Submitted?: No NHB Reference Number: N/A

Will the project occur entirely within a developed area (an area that is already paved or supports structures) and the only vegetation is limited to frequently mowed grass or conventional landscaping?

Yes

Will the project involve the removal of trees and/or vegetation?

No

Please characterize the vegetation to be removed:

N/A

Please quantify the vegetation to be removed in acreage (ONE acre is 43,560 square feet):

N/A

Timing of Activity (what month(s) vegetation removal will occur):

N/A

Have any sensitive plant and/or animal species, exemplary natural communities, and/or natural community systems been identified within the project area in any of the consultations.

Yes

What any or all conservation and/or mitigation measures will be incorporated into the project (including measures that would reduce a significant impact to a less than significant impact, if applicable).

See below.

Environmental Review Coordinator Review (the following section completed by NHDES staff)

Will the project comply with State regulations regarding state-listed threatened or endangered species or exemplary communities? [RSA 212-A; RSA 217-A]

Answer (Yes, No, N/A): Yes
Reviewer: NHB
Comments: The NHB consultation is in progress.

Will the project comply with the Endangered Species Act of 1973? [PL 93-05]

Answer (Yes, No, N/A): Yes
Reviewer: IPaC
Comments: The US Fish and Wildlife Service (USFWS) Section 7 Consultation has identified the potential for Monarch Butterfly and Northern Long-eared Bat and the Tricolored Bat within the project proximity. Consultation with USFWS regarding the Northern Long-Eared Bat was initiated regarding the proposed project. According to the Service’s digital project planning tool, Information for Planning and Consultation (IPaC), updated determination keys for the Northern Long-Eared Bat, the project has reached the determination of “No Effect”. As the project does not include wind turbine operations, no impacts are expected for the Tricolored Bat.

Voluntary conservation measures for the monarch butterfly can be found through the [Monarch Joint Venture at Who Are You? | The Monarch Joint Venture](#).

USFWS recommends that project proponents reevaluate the project in IPaC if: 1) the scope, timing, duration, or location of the project changes (includes any project changes or amendments); 2) new information reveals the project may impact (positively or negatively) federally listed species or designated critical habitat; or 3) a new species is listed, or critical habitat designated. If any of the above conditions occurs, additional coordination with USFWS should take place to ensure compliance with the Endangered Species Act of 1973. The species list should be verified after 90 days.

A NHB consultation is in progress.

Will the project comply with the Bald and Golden Eagle Protection Act?

Answer (Yes, No, N/A): Yes

Reviewer: IPaC

Comments: The Bald Eagle may occur within proximity to the project area.

[Appropriate conservation measures for Bald and Golden Eagles can be found at the following links:](#)

- [USFWS Eagle Management Program](#)
- [Supplemental Information for Migratory Birds and Eagles in IPaC](#)

Will the project comply with the Migratory Bird Treaty Act of 1918?

Answer (Yes, No, N/A): Yes

Reviewer: IPaC

Comments: Comments: Several migratory bird species may occur within proximity to the project area including the Bald Eagle, Bay-breasted Warbler, Bicknell's Thrush, Black-billed Cuckoo, Bobolink, Canada Warbler, Cape May Warbler, Chimney Swift, Eastern Whip-poor-will, Evening Grosbeak, Lesser Yellowlegs, Olive-sided Flycatcher, Rose-breasted Grosbeak, Veery, and Wood Thrush. Please consider scheduling any earth moving or tree clearing activities to occur outside the window of when these species may be present to the greatest extent possible to avoid impacts to migratory birds.

Appropriate conservation measures for migratory birds can be found at the following links:

- [Measures for avoiding and minimizing impacts to birds](#)
- [Incidental Take Beneficial Practices: Transportation](#)
- [Nation-wide conservation measures for birds](#)

If any waterbodies will be impounded, diverted, controlled, or modified then will the project comply with the Fish and Wildlife Coordination Act?

Answer (Yes, No, N/A): NA

Reviewer: B. Malcolm

Comments:

SHORELAND

Will any portion of the project occur within 250 feet of public waters?

Yes

Has a Shoreland Permit been obtained or applied for?

Permit?: No Permit Number: N/A

Shoreland Program Review (*the following section completed by NHDES staff*)

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The project appears to require review and permitting by the Shoreland Protection Program. [RSA 483-B]

Answer (Yes, No, N/A): No
Reviewer: D. Forst
Comments:

Will the project address any active and ongoing violations and/or enforcement actions?

Answer (Yes, No, N/A): No
Reviewer: D. Forst
Comments:

SOCIAL AND ECONOMIC

Will the project serve a disadvantaged community or result in any impacts on disadvantaged residential areas?

No

Environmental Review Coordinator Review (*the following section completed by NHDES staff*)

Will the siting avoid having a significant adverse effect on an existing residential area in accordance with Executive Order 12898 regarding Environmental Justice?

Answer (Yes, No, N/A): Yes
Reviewer: B. Malcolm
Comments: This project is expected to have positive social and economic impacts for the community served. The financial impact on ratepayers is expected to be reduced due to funding provided by the Clean Water State Revolving Fund and the American Rescue Plan Act.

WASTEWATER – RESIDUALS MANAGEMENT

Does the proposed project include any construction that may encounter wastewater or wastewater treatment facility (WWTF) sludge/biosolids? Not applicable for Wastewater projects.

No

Does the drinking water system contain a drinking water treatment facility (DWTF)?

N/A

Does the proposed project involve infrastructure (e.g. piping, pumps/stations/storage) for raw water (from the source to system inlet) or treated water (from the DWTF outlet to the end user)?

N/A

Does the DWTF include the discharge of water residuals from treatment equipment backwash process to an external infiltration lagoon/basin for dewatering/disposal?

N/A

Does the proposed project include any construction that may encounter drinking water treatment facility sludge?

No

Wastewater – Residuals Management Review (the following section completed by NHDES staff)

Is the project consistent with EPA’s most recent version of Standards for the Use and Disposal of Sewage Sludge? [40 CFR 503]

Answer (Yes, No, N/A): N/A
Reviewer: Wade Pelham
Comments:

Is the project consistent with EPA’s 1996 handbook “Technology Transfer Handbook: Management of Water Treatment Plant Residuals”?

Answer (Yes, No, N/A): N/A
Reviewer: Wade Pelham
Comments:

Is the project consistent with the current State regulations regarding sludge disposal? [Env-Wq 800]

Answer (Yes, No, N/A): N/A
Reviewer: Wade Pelham
Comments:

WASTEWATER AND STORMWATER PERMITTING

Will the total contiguous land disturbance for this project and any additional phases be one (1) acre or more?

No

Will there be a dewatering discharge to a surface water during construction?

No

Is the discharge contaminated, or does it have the potential to be contaminated?

N/A

Does the project involve the construction or upgrade of a wastewater treatment facility or water treatment facility?

Yes

Will the completed project result in a new or increased discharge to a surface water?

No

Does the project involve the addition, modification, or relocation of a stormwater discharge?

No

Wastewater – Permitting Review (the following section completed by NHDES staff)

Does the project require any State Surface Water Discharge Permits and/or Federal NPDES Permits, including the NPDES Stormwater Permits? [CWA 402; 40 CFR 122.26 (b) et seq.; CWA 402(p)]

Answer (Yes, No, N/A): No
Reviewer: Zach Lorch, 10/23/2023
Comments: The Construction General Permit (CGP) will not be required. This facility is not identified as discharging to a surface water.

Is the project subject to the state antidegradation policy? [40 CFR 131.12; Env-Wq 1708]

Answer (Yes, No, N/A): No
Reviewer: Zach Lorch, 10/23/2023
Comments: The Construction General Permit (CGP) will not be required. This facility is not identified as discharging to a surface water.

Will the project address any active and ongoing violations and/or enforcement actions?

Answer (Yes, No, N/A): No
Reviewer: Teresa Ptak, 10/26/2023
Comments:

WETLAND PROGRAM

Does the project area contain any vernal pools?

No

Describe what measures and construction practices will be implemented to minimize impacts to these resources.

N/A

Are impacts to wetlands and/or streams anticipated as a result of this project?

No

Describe the impacts and quantify, in square footage, the temporary and permanent disturbance.

N/A

Has a wetland permit been obtained from the NHDES Land Resource Management Program?

N/A

Does the project include stream crossings consisting of repair, replacement, replacement-in-kind, rehabilitation (e.g. slip lining); installation of a culvert, arch, or bridge; or installation of a temporary stream crossing?

No

Will any waterbodies be impounded, diverted, controlled, or modified as part of the project?

No

Stream Crossing Structure Details			
STRUCTURE TYPE	OPENING	TYPE OF REPAIR	IMPACT DESCRIPTION

Wetland Program Review (the following section completed by NHDES staff)

Under the provisions of RSA 482-A the project appears to require review and permitting by the Wetlands Bureau.

Answer (Yes, No, N/A): No
Reviewer: K. Benedict
Comments: No wetlands identified within the proposed project location.

Are there any ongoing enforcement actions which will be affected by this project?

Answer (Yes, No, N/A): No

Reviewer: K. Benedict
Comments:
Will the project comply with the Magnuson-Stevens Fishery Conservation and Management Act?
Answer (Yes, No, N/A): NA
Reviewer: K. Benedict
Comments:

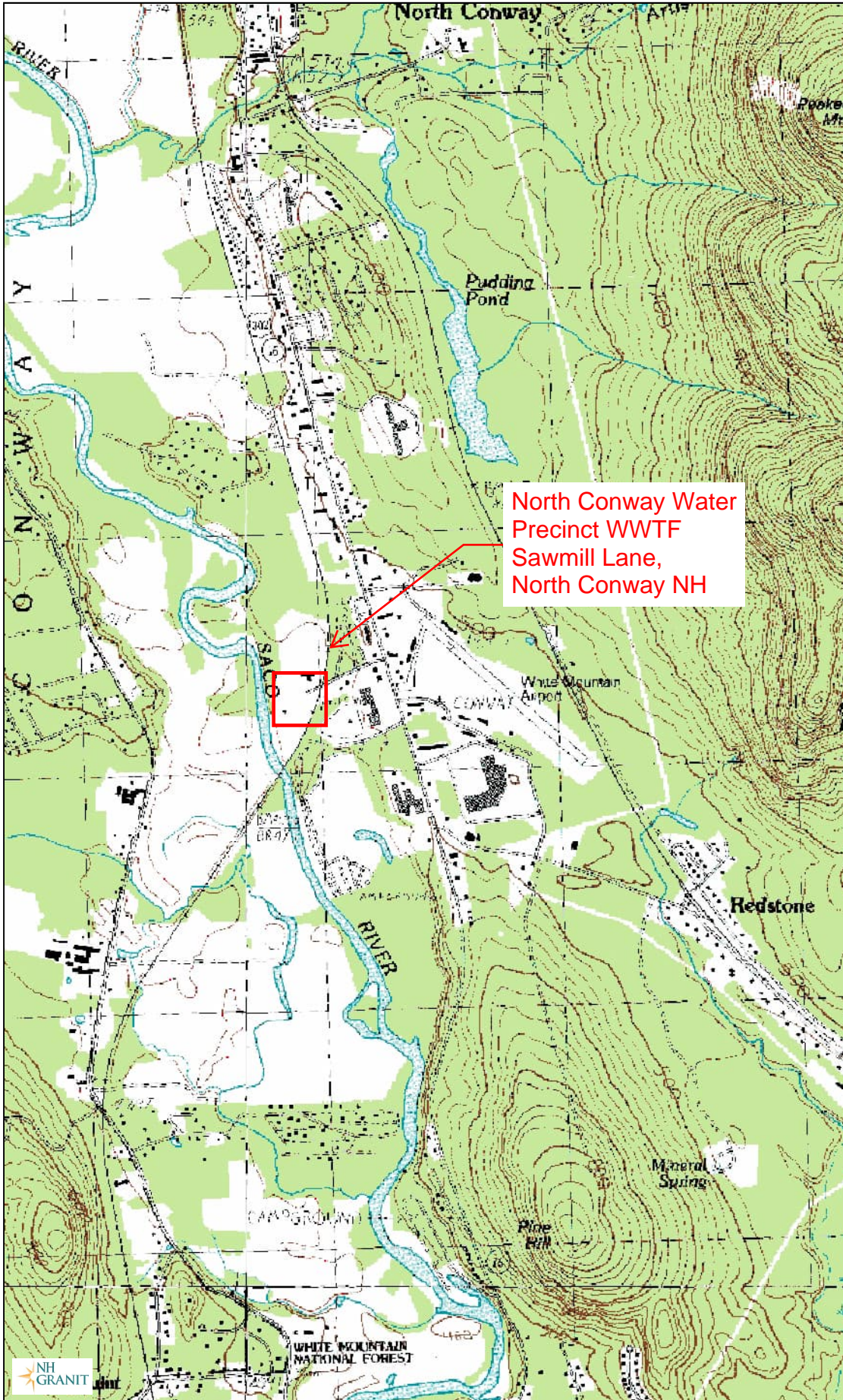
PUBLIC REVIEW

A public notice will be published by NHDES and a public comment period held in accordance with the Env-Wq 500.

Based on the information outlined above and in accordance with Env-Wq 500, NHDES has determined that project qualifies for a Categorical Exclusion (CE).

The material on the following page includes a map showing the project location.

Map by NH GRANIT



North Conway Water
Precinct WWTF
Sawmill Lane,
North Conway NH

Legend

- State
- County
- City/Town

Map Scale

1: 24,000

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Map Generated: 6/13/2022



Notes

