



WATER INFRASTRUCTURE PROJECT

Environmental Review Information Document



PROJECT TITLE: Brookside Cooperative Wastewater Improvements	
FUNDING RECIPIENT (ENTITY): Brookside Cooperative Inc.	
COORDINATES: 43.5283162,-71.7039087	
PUBLIC WATER SYSTEM: None Specified	PWS #: None Specified
ENVIRONMENTAL REVIEW POINT OF CONTACT: Consultant	
ORGANIZATION: Horizons Engineering	
EMAIL ADDRESS: cconway@horizonsengineering.com	

PROJECT LOCATION(S)				
ADDRESS	TOWN	COUNTY	TAX MAP	TAX LOT
Park Street	HILL	Merrimack	R9	53

INTRODUCTION

The Brookside Cooperative, Inc., (Cooperative) has applied for funds through the State of New Hampshire Department of Environmental Services (NHDES) American Rescue Plan Act (ARPA) to finance a water infrastructure improvements project.

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

PROJECT BACKGROUND

The Cooperative includes 20 homes with two vacant lots. The Cooperative is connected to the Hill Water Works municipal system and there is a single master meter. The wastewater system includes on site wastewater disposal with individual septic systems, the exact location of the tanks and leach fields are not known. There have been failures of systems in the past. Given the number and density of leach fields in the community, the Cooperative should give consideration for shared septic systems to consolidate the management of wastewater systems.

PURPOSE AND NEED

Based on the Property Condition report completed by Dubois and King (D&K), field investigations, D&K was made aware of possible failed septic systems at the lower/southern end of the park. The exact age of these septic systems was not able to be determined. The failed septic system at 33 Park Street showed areas of staining from standing water at the low end of the leach field, where the ends of the pipe are understood to be located. The failed septic at 41 Park Street is an elevated/mounded leach field with a broken vent pipe. It was reported that wastewater would surface at the vent pipe and occasionally runoff towards the adjacent home. The mounded leach field is served by a septic tank that pumps into it. It is not known if the pump is located in a separate chamber from the tank. One likely cause of the failure would be solids being pumped into the leach field and blocking the ability for effluent to leach into the ground. It is recommended that both septic systems be addressed in the immediate term. Given the number and density of leach fields in the community, the Cooperative should give consideration for shared septic systems to consolidate the management of wastewater systems.

Provide background of this infrastructure including year of construction: The exact age of the existing water

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distribution system is unknown but is assumed to have been originally constructed with the initial land subdivision and park construction. The plan from Ron Mitchell dated 1982 suggests that the system is about 40 years old.

Each home site has an on-site wastewater disposal system consisting of a septic tank and leach field. The location and condition of the on-site systems is not known for each of the home sites. The approximate locations of septic systems are known for most of the homes but precise locations with measurements to septic tanks are not available for the majority of the septic systems in the park. According to residents, there have been septic system failures in the past within the park. Common repairs included excavating and extending the existing systems. These repairs do not appear to have been documented when they were made. Soils information from the Web Soil Survey indicate that the soils are generally sandy and would be adequate for percolation. However, the density of systems in the park combined with possible misuse of the septic systems through lack of regular pumping and/or disposal of fats, oils, and grease appear to have caused periodic failures within the park at various times in the past. The approximate width of Park Street is 20-feet and the length is approximately 1,350 feet. There is no known drainage infrastructure (pipes or catch basins) within the park. Surface runoff generally flows to the south towards the brook abutting the property to the south. The asphalt road surface is estimated to be 20-30 years old and shows signs of cracking in some locations.

ALTERNATIVES

Additional Description: Three alternatives were reviewed.

No Build would not solve the problem of failed and aging septic systems.

Replacement in kind with individual onsite septic systems was reviewed. The difficulty with this alternative is the number and density of leach fields and the required maintenance for each system.

Construction of a sewer collection system and one shared leach field. This will improve maintenance with one or two tanks to pump versus 20 tanks. This system will require a pump station and additional sewer main to make the connections. There is undeveloped land available for the system. This will improve management of the on-site system.

PROJECT DETAILS

Replacement of all individual septic systems with a community on-site septic system. This would include construction of gravity sewer collection, a pump station, and a community leach field. Potential location for a community septic system may conflict with potential new home sites on the northwest portion of the property.

Shim and overlay of the existing roadway with a 1 inch overlay. This new coat of pavement will prolong the life of the road.

Permanent Disturbance: 48.00 sq. ft.

Temporary Disturbance: 36,879.00 sq. ft.

Total Disturbance: 36,927.00 sq. ft.

FUNDING PLAN

The Cooperative voted to authorize funding in the amount of \$462,684 for this project on 09/26/2022.

The estimated cost of the overall project is \$462,684.00.

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.

Air impacts will be limited to some dust created during the construction portion of the project. Dust will be prevented and controlled through the use of water or other best practices. No long term air impacts are anticipated, mitigation measures will be employed if needed.

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)? No

Type(s) of fuel burning devices: N/A

Type(s) of fuel: N/A

Number of Diesel Engines: 0

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

Does the project include any demolition?

No

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?

Unknown

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

The applicable procedures in Env-A 1800 will be followed for any activity that involves the demolition or renovation of existing infrastructure, which must include an inspection for asbestos-containing material (ACM). Activities that are potentially subject to this rule involve the removal or disturbance of ACM during renovation and demolition of existing structures, including heating, ventilation, and air conditioning (HVAC) systems; piping or ductwork; siding, insulation, and utility infrastructure, including but not limited to transite pipe, electrical line, water line, sewer line, or storage tanks. If the project includes the disturbance of any those items, there may be additional notification requirements and required procedures for the removal, packaging, and disposal of any ACM, that are required by Env-A 1800.

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, 12/13/23

Comments: There are no activities described that will impact ambient air quality standards. If the project includes

the addition or replacement of a fuel burning device such as a boiler or internal combustion engine (i.e., generator or water pump engine) then permitting thresholds will require consideration.

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, 12/13/23

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): Yes

Reviewer: Thomas Guertin

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, provided the procedures under Environmental Concerns and Mitigation above are followed.

Reviewer: Ray Walters, 12/18/23

Comments: The description above under Environmental Concerns and Mitigation of the steps to be taken to conduct an inspection to determine the presence of asbestos and the procedures to be followed in the event asbestos-containing materials are present indicate that the project will comply with Env-A 1800.

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, 12/12/23

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, 12/12/23

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, 12/12/23

Comments:

Will the project require an Alteration of Terrain permit?

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

Reviewer: Mike Schlosser, 12/12/23

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: Hill 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 any adverse effects from this project.

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

Answer (Yes, No, N/A): No
Reviewer: Andrew Hoffman
Comments: There are no superfund sites in Hill.

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?

No

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, No, N/A): N/A
Reviewer: Tracie Sales 12/8/2023
Comments: Based on the information provided, the proposed project to install a community septic system in Hill, NH will not impact any state designated river.

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 (Yes, No, N/A): N/A
Reviewer: Tracie Sales 12/8/2023
Comments: Based on the information provided, the proposed project to install a community septic system in Hill, NH will not impact any federally designated Wild and Scenic river.

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?

No Type of Well: N/A

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

No

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:

N/A

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, 12/12/2023

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: No

Reviewer: Andrew Koff, 12/12/2023

Comments: A groundwater discharge permit would be required if the nitrates setback areas of the leachfield were not able to be kept within the property boundaries. I did not see or review a plan that depicted the nitrate setback areas in relation to the property boundaries. I would recommend that plans ensure that the nitrate setback areas remain within the property boundary so no additional permitting would be required under Env-Wq 402.

The following was received from the project engineer in response to the comment above. Regarding the nitrate setbacks and groundwater discharge permitting, our plan is to obtain a nitrate easement from the abutting property. We spoke with the neighbor and provided a concept sketch of what we would be looking for, they were agreeable in principle so we are drafting the plans so that we can provide them with accurate dimensions on the easement area. This consensus was critical before moving forward with the design so that we can be sure to fit the field in the area we want to locate it.

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, 12/12/2023

Comments:

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

Answer: N/A

Reviewer: Andrew Koff, 12/12/2023

Comments:

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

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

Reviewer: Eric Skoglund; December 11, 2023

Comments: There are no open or ongoing violations associated with the public water system this development is connected to.

FARMLAND PROTECTION POLICY ACT

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

Yes

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

Unknown

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: Natural Resources Conservation Service (NRCS)

Comments: Although areas within the project site are mapped as farmland of statewide importance, the area that may potentially be converted is minimal. A NRCS consultation of Web Soil Survey data is in process.

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): N/A

Reviewer: B. Malcolm

Comments:

HISTORICAL, CULTURAL, AND RECREATIONAL RESOURCES

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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?

No

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?

No

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

Yes - Current Land Use: Brookside Mobile Home Park; Previous Land Use: Undeveloped vegetated woodland.

Disturbances: Existing roads will be dug up to expose existing water mains.

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) will review the project scope. Should the scope of the project change, additional review by DHR will be required.

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) will review the project scope. Should the scope of the project change, additional review by DHR will be required.

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) will review the project scope. Should the scope of the project

change, additional review by DHR will be required.

INTERGOVERNMENTAL REVIEW

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

No

Have the results been received?

N/A

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): No

Reviewer: Department of Energy

Comments: The Department of Energy will review the project scope.

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.

Yes

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

The noise from construction activities should be limited in duration. Noise impacts, if encountered, will be minimized by scheduling work to reduce effects in the area. No long-term noise impacts are anticipated.

PLANTS AND WILDLIFE

Has an NHB Datacheck/IPAC/NOAA been submitted?

Submitted?: Yes NHB Reference Number: NHB23-1970

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?

Yes

Please characterize the vegetation to be removed:

Other: trees along roadway

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

0.01 ac.

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

May-October

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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). To be determined.

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): N/A
Reviewer: NHB, NH Fish and Game
Comments: Consultation with the Natural Heritage Bureau (NHB) DataCheck (NHB23-1970) determined that there is a NHB record of state species of conservation concern/rare wildlife/plant/natural community present in the vicinity, and recommends consultation with NH Fish and Game.

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

Answer (Yes, No, N/A): Yes
Reviewer: US Fish and Wildlife Service (IPaC), NHB, NH Fish and Game
Comments: The USFWS Section 7 Consultation has identified the potential for Monarch Butterfly and Northern Long-eared Bat in the project vicinity. Consultation with the USFWS Section 7 digital planning tool: Information for Planning and Consultation (IPaC) determined based upon the IPaC submission and a standing analysis, the project is not reasonably certain to cause incidental take of the northern long-eared bat. Appropriate conservation measures for the Northern Long-eared Bat can be found through the Environmental Conservation Online System Northern Long-eared 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.

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

Answer (Yes, No, N/A): Yes
Reviewer: NHB, IPaC
Comments: The Bald Eagle may occur in the vicinity of the project. Wherever possible, schedule earth clearing outside the window of when Bald Eagles are present to avoid possible impacts. Appropriate conservation measures for Bald and Golden Eagles can be found at the following links: <ul style="list-style-type: none">• 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: Wherever possible, schedule earth moving activities outside the window of when these species may be present to avoid impacts to migratory birds. Appropriate conservation measures for migratory birds can be found at the following links: <ul style="list-style-type: none"> • 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): N/A
Reviewer: B. Malcolm
Comments:

SHORELAND

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

No

Has a Shoreland Permit been obtained or applied for?

Permit?: N/A Permit Number: N/A

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

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?

Yes

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 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?

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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?

No

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

N/A

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: Hayley Franz 12/19/2023
Comments: Because the project will not result in one acre or more of total land disturbance or a dewatering discharge to a surface water, no State Surface Water Discharge Permits or Federal NPDES Permits are required.

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

Answer (Yes, No, N/A): No
Reviewer: Hayley Franz 12/19/2023
Comments: Because the project does not require any State Surface Water Discharge Permits or Federal NPDES Permits, the antidegradation policy does not apply.

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

Answer (Yes, No, N/A): No
Reviewer: Teresa Ptak, 12/15/2023
Comments:

WETLAND PROGRAM

Does the project area contain any vernal pools?

Unknown

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 from desktop review within the proposed Disturbed Area. There are wetland area adjacent to the site along Needle Shop Brook.

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?

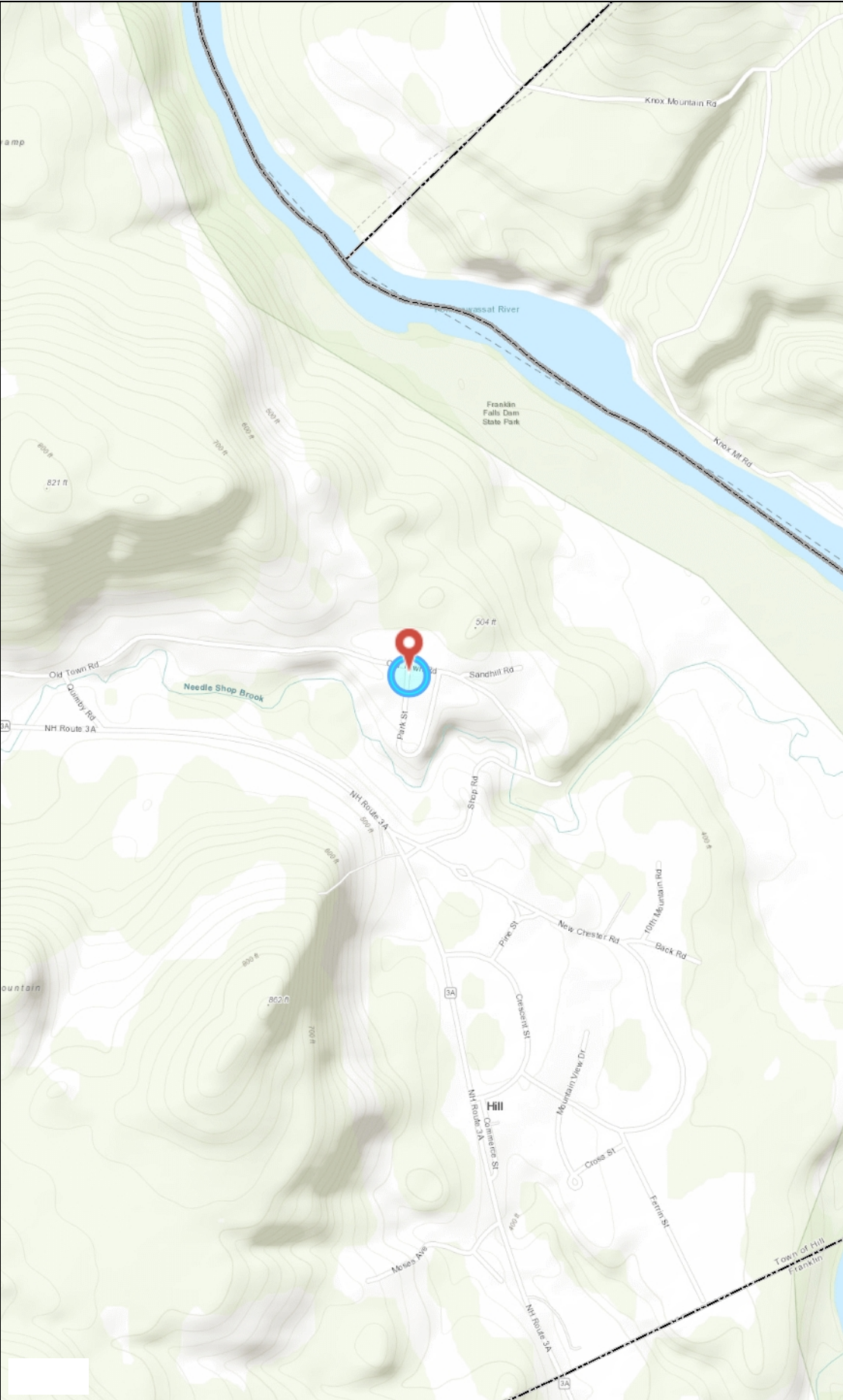
Answer (Yes, No, N/A): N/A
Reviewer: B. Malcolm
Comments:

PUBLIC REVIEW

A public notice will be published by NHDES and public comment period held in accordance with 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 two pages includes a map showing the project location and a site plan showing the area of temporary and permanent disturbance.

USGS Topographic Map



Legend

- State
- County
- City/Town

Map Scale

1: 12,988

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 Map Generated: 7/10/2023



Notes

Brookside Mobile Home Park
 Park Street
 Hill, New Hampshire



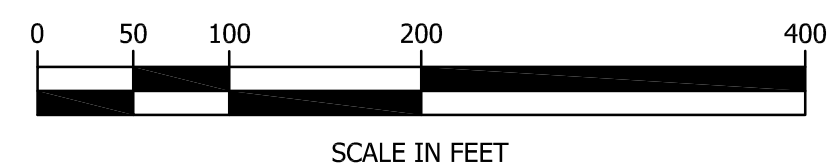


PUMP STATION
PERMANENT DISTURBED
AREA:
48 SQ. FT.

CONSTRUCTION AREA
FOR PUMP STATION
TEMPORARY DISTURBED
AREA:
352 SQ. FT.

NEW SEWER MAIN ALONG
PARK STREET
TEMPORARY DISTURBED
AREA WITHIN THE RIGHT
OF WAY:
36,527 SQ. FT.

LEACH FIELD
TEMPORARY DISTURBED AREA
WITHIN THE LEACH FIELD:
5,525 SQ. FT.



AREA OF ENVIRONMENTAL REVIEW	
TEMPORARY DISTURBANCE	SQ. FT.
RIGHT OF WAY @ 25' WIDE	36,527
LEACH FIELD @ 65'x85'	5,525
PUMP STATION CONSTRUCTION	352
TOTAL	42,404
PERMANENT DISTURBANCE	
PUMP STATION	48

- APPROXIMATE PROPERTY LINE
- s --- PROPOSED SEWER LINE
- ▨ ENVIRONMENTAL REVIEW AREA

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**BROOKSIDE
MOBILE HOME PARK
SEWER MAIN IMPROVEMENT**
HILL, NEW HAMPSHIRE

ENVIRONMENTAL REVIEW EXHIBIT

NO.	DATE	REVISION DESCRIPTION	ENG	DWG

DATE: MAY 2023	PROJECT #: 230245
ENG'D BY: XXX	DRAWN BY: DMW
CHECK'D BY: XXX	ARCHIVE #: H-___

**FOR REVIEW
NOT FOR CONSTRUCTION**

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