

Barton Village, Inc.
Regular Trustees Meeting

Monday, April 22, 2024
6:00pm
Barton Village Memorial Hall

Agenda

- A. Call to Order
- B. Changes to the Agenda/Additions or Deletions
- C. Privilege of the Floor

ACTION ITEMS:

- D. Minutes from Regular Board of Trustees Meeting April 8, 2024
- E. Bills and Warrants
- F. Local Emergency Management Plan (LEMP)
- G. BVI Hydro Project – Northern Border Regional Commission (NBRC) Catalyst Application
- H. Pageant Park Caretaker Agreement 2024
- I. Financials for Period Ending March 31, 2024
- J. Letter of Intent – SFY25 Municipal Roads Grants-in-Aid
- K. Property Lien for Electric Service

DISCUSSION ITEMS:

- L. Department Operations Updates
- M. Management/Staff Report

OTHER ITEMS:

- N. Other Business

EXECUTIVE SESSION ITEMS:

- O. Executive Session - Legal Action: 1 V.S.A. § 313 (a)(1)(E)
- P. Executive Session - Personnel: 1 V.S.A. § 313 (a)(3)

- Q. Adjourn

Upcoming Meetings:

Second Annual Meeting: April 30, 2024

Regular Board Meeting: May 13, 2024

Barton Village, Inc.
Regular Trustees Meeting

Monday, April 8, 2024

6:00pm

Barton Village Memorial Hall

Attendance: Marilyn Prue (Trustee), Ellis Merchant (Trustee), Vera LaPorte (Business Manager)

Agenda

- A. **Call to Order** – Marilyn Prue called the meeting to order at 6:10pm.
- B. **Changes to the Agenda/Additions or Deletions** – Vera LaPorte added Water/Sewer Rates to Action Items, labeled G1.
- C. **Privilege of the Floor** – None.

ACTION ITEMS:

- D. **Minutes from Regular Board of Trustees Meeting March 25, 2024** – After review, Marilyn Prue made a motion to approve the minutes from Regular Board of Trustees Meeting March 25, 2024. Ellis Merchant seconded. The motion carried.
 - E. **Minutes from Special Board of Trustees Meeting March 29, 2024** – After review, Marilyn Prue made a motion to approve the minutes from Special Board of Trustees Meeting March 29, 2024. Ellis Merchant seconded. The motion carried.
 - F. **Bills and Warrants** – After review, Marilyn Prue made a motion to approve the Bills and Warrants as presented. Ellis Merchant seconded. The motion carried.
 - G. **Wastewater Deficit/Short-Term Loan** – After discussion, Ellis Merchant made a motion to approve the transfer of \$200,000 from the Village reserve to the Wastewater department. This transfer shall be considered a short-term loan, not to exceed a period of one year. The Wastewater department shall pay the Village reserve interest quarterly on the loan in the amount of 3.5% for the period the amount remains outstanding and unpaid to the Village. Marilyn Prue seconded. The motion carried.
- G1. Water/Sewer Rates** – Vera LaPorte informed the Board that while changing the water and sewer rates was at the Board’s discretion, the Village’s Water Ordinance outlined a specific process to do so (not so for Wastewater). The Board must warn and hold an informational meeting, and then meet to vote on the new water rates. After discussion, Marilyn Prue made a motion to direct Vera LaPorte to warn the informational meeting for 04/22/2024 (before the Regular Trustees Meeting), include a letter with the 04/13/2024 water/sewer bills warning the meeting, and advertising the meeting in the Barton Chronicle. The Board would then vote on

the water rates during the Regular Trustees Meeting directly after. Ellis Merchant seconded. The motion carried.

DISCUSSION ITEMS:

- H. Department Operations Updates** – Vera LaPorte updated the Board with ongoing department activities (in an effort to streamline the information presented, the following will be moved to Management/Staff Report as part of the ongoing list of items):

Electric Department – Winter disconnection rules are no longer in effect and disconnections will resume 04/23/2024, with a total of \$82,256.37 past due and collectible. Outages during the last storm were relatively brief and mainly due to trees on the lines, which is improving as we gain on tree trimming.

Wastewater Department – New rates for wastewater will be implemented with the 04/13/2024 billing (\$44.23 base and \$8.33/1000 gallons – notice to customers was sent 03/13/2024). Disconnection procedure has been finalized and disconnections will begin with the new billing cycle.

Water Department – Water Manager Lucas DiMauro is seeking an additional estimate for the rehabilitation of the carbon filters at the water plant. New water rates will be implemented with the 05/13/2024 billing following the informational meeting and Board vote (proposed increase to \$26.93 base and \$6.53/1000 gallons). Disconnection procedure will be the same as wastewater (as dictated by the Water Ordinance).

- I. Salt/Sand Shed Update** – USDA funding for the salt/sand shed will not be as much as anticipated. The Board approached the Town regarding possible funding through their Miscellaneous Grants Fund at their Regular Selectboard Meeting on 04/01/2024, but have not had a response. Vera LaPorte and Crystal Currier are exploring additional options.
- J. Management/Staff Report** – See ongoing list of items in the Board packet at <https://bartonvt.com/agenda-minutes/>

OTHER ITEMS:

- K. Other Business** – Ellis Merchant advised the Board that he confirmed the drop-off/pick-up and parking areas with Barton Academy & Graded School and that the caution sign project can proceed. Vera LaPorte will work with DPW Foreman Andy Sicard to identify the proper placement for the signs and the cost of installation.

EXECUTIVE SESSION ITEMS:

- L. Executive Session** - Legal Action: 1 V.S.A. § 313 (a)(1)(E) – None.
- M. Executive Session** - Personnel: 1 V.S.A. § 313 (a)(3) – None.
- N. Adjourn** – Marilyn Prue made a motion to adjourn. Ellis Merchant seconded. The motion carried and the meeting adjourned at 7:06pm.

Upcoming Meetings:

Regular Board Meeting: April 22, 2024

Second Annual Meeting: April 30, 2024

Regular Board Meeting: May 13, 2024

Regina Lyon, Board of Trustees Chair

Barton Village, Inc.
PO Box 519
Barton, Vermont 05822
(802) 525-4747

Memorandum

To: Barton Village Board of Trustees
From: Vera LaPorte
Date: April 22, 2024
Subject: Local Emergency Management Plan (LEMP)
Agenda: Agenda Item "F"

In accordance with 20 VSA § 6 and State Emergency Management Plan, "All municipal jurisdictions are expected to review and update their Local Emergency Management Plan (LEMP) annually and to formally readopt them between Town Meeting Day - on the first Tuesday in March - and May 1st." A current LEMP is also required for municipalities to receive federal preparedness funds and increased state reimbursement through the [Emergency Relief and Assistance Fund](#) (ERAF).

The Village's LEMP is ready for approval and adoption.

Proposed Motion: Motion to approve and adopt the Local Emergency Management Plan (LEMP) as presented.

Local Emergency Management Plan Municipal Adoption Form

Town/City of BARTON VILLAGE, INC.
17 VILLAGE SQUARE
BARTON, **VT** 05822

The Local Emergency Management Plan (LEMP) must be (re)adopted annually, after town meeting day, and submitted to the appropriate Regional Planning Commission (RPC) by May 1st.

At a warned public meeting (regular selectboard/city council meeting), the municipality adopted the Local Emergency Management Plan (LEMP) on the date shown at right.

At a warned public meeting (regular selectboard/city council meeting), the municipality adopted the National Incident Management System (NIMS) on the date shown at right.

If Vermont Emergency Management needs to contact municipal leaders to determine status and support requirements during an emergency, the Emergency Management Director (EMD) and two other local Points Of Contact (POCs) who should have authoritative local information are listed at right.

Mark this block if a readopted plan has no changes since the previous year.

Municipality	Barton Village, Inc.
LEMP Adoption Date	04/22/2024
NIMS Adoption Date	05/27/2015
EMD Name	Regina Lyon
Position	EMD
Primary Phone	802-673-9309
Alternate Phone	
Email	ginalyonbvt@gmail.com
POC 2 Name	Marilyn Prue
Position	Village Trustee
Primary Phone	802-487-7555
Alternate Phone	
Email	mprue@villageoforleansvt.org
POC 3 Name	Vera LaPorte
Position	Business Manager
Primary Phone	702-281-3998
Alternate Phone	
Email	businessmanager@bartonvt.com

I hereby certify that the LEMP meets Vermont National Incident Management System (NIMS) requirements and current LEMP Implementation Guidance as on page 2:

Signed* _____

Regina Lyon, EMD/Board of Trustees Chair
Printed Name; certifying individual must have taken, at a minimum, ICS402 or ICS100/IS-100 training

I hereby attest that the municipality has adopted NIMS and the LEMP as stated above:

Signed* _____

Marilyn Prue, Village Trustee
Printed Name, Selectboard / council member

Once completed, send adoption form (2 pages) and copy of Local Emergency Management Plan to Regional Planning Commission.

*A typed name is acceptable as an electronic signature if it represents an act of that person in accordance with 9 V.S.A. § 278.



Local Emergency Management Plan (LEMP)

Required Elements

Check boxes below indicating the plan has the required elements and, if not using a template, fill in page numbers to report completion of required elements.

Municipal Adoption		
<input type="checkbox"/>	Municipal Adoption Form	
	Municipal adoption of National Incident Management System (NIMS)	<input type="checkbox"/>
	Contact information for local authorities during an emergency	<input type="checkbox"/>
	Certification that LEMP meets Vermont NIMS / Implementation Guidance	<input type="checkbox"/>
	LEMP adoption by local selectboard / city council (annual)	<input checked="" type="checkbox"/>
LEMP Required Elements		Page
<input checked="" type="checkbox"/>	Planners	
	List of people who wrote / maintain the LEMP	
<input checked="" type="checkbox"/>	Municipal Emergency Operations Center (EOC)	
	Activation authority	
	EOC staff positions and duties (minimum 1)	
	List of potential EOC staff members (minimum 1)	
	Facility information for potential EOC locations (minimum 1)	
<input checked="" type="checkbox"/>	Resources	
	Emergency purchasing agent and spending limits (if any)	
	List of municipal contracts that can be used during an emergency (if any)	
	List of other local resources that could be used during an emergency (if any)	
	National Incident Management System (NIMS) Typed Resource List	
<input checked="" type="checkbox"/>	Public Information and Warning	
	VT-Alert contact information	
	Local website / social media information (if any)	
	List of local media outlets (if any)	
	Public notice sites for non-phone/Internet information	
	Vermont 2-1-1 contact information	
<input checked="" type="checkbox"/>	Vulnerable Populations	
	List of organizations/facilities that serve local vulnerable populations	
	Identification and monitoring process	
<input checked="" type="checkbox"/>	Shelters	
	Spontaneous and regional shelter information	
	Opening information for local shelters (if any)	
	Service information for local shelters (if any)	
<input checked="" type="checkbox"/>	Contact Information	
	Emergency Management personnel	
	Response organizations	
	Municipal officials / public works	
	State, region, and adjacent municipality contacts	

Vermont Emergency Management (VEM) encourages municipalities to create and maintain optional LEMP annexes as required. Examples might include plans for specific incident types, shelters, evacuation, and volunteer management - see the VEM website for models, samples, and examples at: <http://vem.vermont.gov>

Local Emergency Management Plan

1. Emergency Management (EM) planners

<i>These are the people who wrote and/or maintain this plan.</i>	
Regina Lyon, Board of Trustees Chair	Vera LaPorte, Business Manager
Marilyn Prue, Trustee	Bruce Melendy, NVDA
Ellis Merchant, Village Trustee	

2. Municipal Emergency Operations Center (EOC)

<i>The EOC is an organization that coordinates information, support, and response across the municipality for Incident Commanders and town officials. Its main functions are to maintain situational awareness for municipal leaders, coordinate resource and information requests, and provide public information.</i>	
Who, by position, can activate the EOC?	EMD, Village Trustees
Preferred EOC Positions and Duties	
EOC Director	Regina Lyon Supervises and directs all EOC activities coordinating municipal support and response
	Enoch Rowell, Orleans Fire Department Chief
Potential EOC Staff Members	
<i>Name</i>	<i>Notes / Contact Information</i>
Vera LaPorte	Produces and posts public information and press releases
Jacqueline Laurion	Coordinates with Village EM Committee
Emily Marlow	Staffs phones, radios 802-525-7203
Julie Nelson	Staffs phones, radios 802-525-7201
Andy Sicard	Monitors roads and Village infrastructure
Primary EOC Location	
Facility / Address:	Barton Memorial Building, 17 Village Square, Barton, Vermont 05822
Phone Numbers:	802-525-4747
Equipment/Notes:	Telephone, Internet, Restrooms>Showers, Refrigerator, Full Kitchen, Generator, Radio Communications
Alternate EOC Location	
Facility / Address:	
Phone Numbers:	
Equipment/Notes:	

National Incident Management System (NIMS) Typed Resources											
Type	I	II	III	IV	Other	Type	I	II	III	IV	Other
Critical Incident Stress Management Team						Hydraulic Excavator, Large Mass Excavation					
Mobile Communications Center						Hydraulic Excavator, Medium Mass Excavation					
Mobile Communications Unit						Hydraulic Excavator, Compact					
All-Terrain Vehicles						Road Sweeper				1	
Marine Vessels						Snow Blower, Loader Mounted				1	
Snowmobile						Track Dozer					
Public Safety Dive Team						Track Loader					
SWAT/Tactical Team						Trailer, Equipment Tag-Trailer					
Firefighting Brush Patrol Engine						Trailer, Dump					
Fire Engine (Pumper)						Trailer, Small Equipment					
Firefighting Crew Transport						Truck, On-Road Dump			1	1	
Aerial Fire Truck						Truck, Plow		1	1		
Foam Tender						Truck, Sewer Flusher					
Hand Crew						Truck, Tractor Trailer					
HAZMAT Entry Team						Water Pumps, De-Watering					
Engine Strike Team						Water Pumps, Drinking Water Supply - Auxiliary Pump					
Water Tender (Tanker)						Water Pumps, Water Distribution					
Fire Boat						Water Pumps, Wastewater					
Aerial Lift - Articulating Boom						Water Truck					
Aerial Lift - Self Propelled, Scissor, Rough Terrain						Wheel Dozer					
Aerial Lift - Telescopic Boom						Wheel Loader Backhoe			1		
Aerial Lift - Truck Mounted						Wheel Loader, Large					
Air Compressor						Wheel Loader, Medium					
Concrete Cutter/Multi-Processor for Hydraulic Excavator						Wheel Loader, Small					
Electronic Boards, Arrow						Wheel Loader, Skid Steer			1		
Electronic Boards, Variable Message Signs						Wheel Loader, Telescopic Handler					
Floodlights						Wood Chipper					
Generator						Wood Tub Grinder					
Grader											

Information about the NIMS Typed resources can be found at: <https://rtilt.preptoolkit.org>

4. Public Information and Warning

<i>During a significant emergency, the Emergency Operations Center (EOC) and Incident Command Posts (ICPs) will coordinate and manage public information, both by producing accurate, timely reports and by tracking what is publicly reported to minimize confusion and help ensure a positive public response.</i>	
VT-Alert message - State: Other VT-Alert managers:	Vermont Emergency Management: 800-347-0488
Important Local Websites / Social Media channels:	Barton Village Facebook Barton Village Website
Local Newspaper, Radio, TV:	The Barton Chronicle Newport Daily Express WCAX TV WMOO FM 92.1 WJMT FM 97.7 WJJZ FM 94.5 WDEV AM 550 or FM 96.1
Public Notice locations:	Barton Village Office/C&C Market/Post Office
<i>Vermont 2-1-1 is a United Ways of Vermont system that provides 24x7x365 information and referral services in cooperation with a large number of state and local government and community based entities. 2-1-1 collects and maintains a database of local resource information and is available to take calls from the general public to inform and instruct them in relation to emergency events, and to refer them to the appropriate response and recovery resource, if necessary.</i>	
To provide information for 2-1-1	Dial 211 or (802) 652-4636

5. Vulnerable Populations

<i>If necessary, the EOC may contact organizations and facilities, below, that serve vulnerable populations to identify residents who are at risk based on the emergency. If there are residents at risk or in danger, the EOC should monitor their status and if required coordinate support for them until their situation stabilizes.</i>	
Name / Notes	Contact Info
CARE (Citizen Assistance Registration for Emergencies)	(Supporting PSAP)
Barton Graded School	802-525-3636
Lake Region High School	Andre Messier 802-754-6462
Rural Edge (Apartments)	802-535-3555

6. Shelters

<i>During some emergencies, the EOC will monitor or coordinate support for residents who are displaced due to property or infrastructure damage.</i>	
Spontaneous Sheltering	
<ul style="list-style-type: none"> • Determine the approximate number of people who need sheltering • Call the State EOC / Watch Officer at 800-347-0488 and request support • Track the status of residents who need shelter until their situation stabilizes 	
Regional Shelter	
Location / Address:	North Country Union High School, 209 Veterans Ave, Newport, VT
Opening Contact:	State EOC, 800-347-0488; American Red Cross, 802-660-9130
Phone Numbers:	802-334-7921
Primary Local Shelter	
Location / Address:	Barton Memorial Building
Facility Contact(s):	Regina Lyon
Phone Numbers:	Cell: 802-673-9309 Office: 802-525-4747
Shelter Manager:	Regina Lyon, Marilyn Prue, Vera LaPorte
Staff Requirements:	Minimum of 2 onsite
Services:	Warm/Cool -Y Overnight-Y Food Prep-Y Rest Rooms-Y Showers-Y Healthcare-N
Notes:	
	Capacity: 25 Generator? Y Pets Allowed? N
Alternate Local Shelter	
Location / Address:	
Facility Contact(s):	
Phone Numbers:	
Shelter Manager:	
Staff Requirements:	
Services:	Warm/Cool Overnight Food Prep Showers Healthcare
Notes:	
	Capacity: Generator? Y / N Pets Allowed? Y / N

Annexes (Optional, create and letter as needed)

See the Vermont Emergency Management (VEM) web site at <http://vem.vermont.gov> for samples and examples of annexes, such as: forms; delegations of authority; debris plans; incident-specific plans, checklists, and matrices; animal disaster references; etc.

Contact Information	Name	Phone numbers - indicate Mobile, Home, Work		E-mail
		Primary	Alternate	
Local Emergency Management Team				
EMD	Regina Lyon	802-673-9309	802-525-4032	ginalyonbvt@gmail
EM Coordinator				
Local Response Organization Contacts				
Fire Chief	Orleans Village FD	802-323-2850		orleansfiredepartment@gmail.com
Assistant/Deputy Fire Chief	Jay Ratte	802-745-9842		
EMS Chief	None			
Chief of Police or Constable	None			
State Police or County Sheriff	VSP Derby Orleans Cty Sheriff	802-334-8881 802-334-3333		
Local Dispatch Center	Newport Police Department	911 Routing	802-334-6733	
Local Public Works Contacts				
Road Foreman	Andrew Sicard	M: 802-673-5545	W:802-525-4747	dpwforeman@bartonvt.com
Road Commissioner				
Town Garage	Andrew Sicard	802-673-5545		dpwforeman@bartonvt.com
Drinking Water Utility	Lucas DiMauro	802-238-1433		watermanager@bartonvt.com
Wastewater Utility	Nathan Therrien	802-673-3443		wwmanager@bartonvt.com
Municipal Government Contacts				
Town Administrator				
Business Manager	Vera LaPorte	702-281-3998	802-525-7204	businessmanager@bartonvt.com
Trustees Chair	Regina Lyon	802-673-9309		ginalyonbvt@gmail.com
Trustee Alt	Marilyn Prue	802-487-7555		mprue@villageoforleansvt.org
Selectboard Alt				
Village Clerk	Shelia Martin	802-754-6616	802-334-4406	skbmartin@hotmail.com
Village Treasurer / Finance	Shelia Martin	802-754-6616	802-334-4406	skbmartin@hotmail.com
Town Health Officer	None-see Town of Barton			
Forest Fire Warden	None-see Town of Barton			
Animal Control Officer	None-see Town of Barton			
Barton Graded School	Jenna Lawrence, Principal	802-525-3636		llawrence@ocsu.org
St. Paul's School	Joanne Beloin, Principal	802-525-6578		jbeloin@st.paulscatholicschool.org

Contact Information

	Name	Phone numbers - indicate Mobile, Home, Work			E-mail
		Primary	Alternate		
School District Office	Orleans Central Supervisory Union	802-754-6521			
Other Contacts					
WCAX		802-652-6300			
The Chronicle		802-525-3531			
Newport Daily Express		802-334-6568			
WMMO 92.1		802-766-4487			
WJJZ 94.5		802-766-4487			
WDEV AM550 or FM96.1		802-244-7321			
WGMT FM 97.7		802-626-9800			

Barton Village, Inc.
PO Box 519
Barton, Vermont 05822
(802) 525-4747

Memorandum

To: Barton Village Board of Trustees
From: Crystal Currier
Date: April 22, 2024
Subject: Electric Hydro Upgrades/2024 Spring Catalyst Grant Application
Agenda: Agenda Item "G"

As the Board is aware, the Village's hydro facility located in West Charleston is in need of several significant upgrades. Denis Fortin, BVI's hydro operator had previously informed the Board (former Board) of his concerns and recommended that repairs be completed. Unfortunately, the cost is significant and the prior Board did not make a decision and/or move forward. At this point, Denis has indicated that portions of the facility are becoming critical and if the improvements are not completed, the facility may need to shut down.

The hydro provides a significant resource to Barton's resource need – ranging from 25% to 40% of the required load. While the cost of the upgrades are significant, the loss of this resource will be much higher and that cost will be borne by the rate payers served by the electric utility.

The initial estimate of the improvements is approximately \$ 3.0 million (see attached draft Opinion of Propable Construction Cost from Dubios and King). Assuming the full cost is financed over a 20 yr period at an interest rate of 3.95%, the total cost would be approximately \$4.5 million. The loss of the hydro and replacing the power needed over the same 20 yr period would be approximately \$7.9 million.

To reduce the cost to ratepayers, I have been working on a grant application from the Northern Border Regional Commission's (NBRC) Catalyst Program. The initial pre-application was submitted and was accepted through the pre-application process, meaning that Barton was accepted to the "application" round. This application is due on May 3rd and the maximum award amount for infrastructure projects is \$ 1.0 million.

If Barton were to receive the full grant award of \$1 million, and subsequently finance the remainder of the project cost (approx. \$2m), the overall cost would be reduced to \$3.0 million (vs the \$4.5 million if the full project cost is financed) – this assumes the same financing terms.

As part of the application process, I have obtained letters of support for Barton's application. Those include letters from NVDA (regional support) and Denis Fortin (as BVI's hydro operator) and I expect a letter from Ken Nolan as VPPSA's General Manager to be forthcoming.

In order to move the NBRC application and this project forward, I am requesting the following from the Board:

- 1) Authorization for submission of Barton's application in the NBRC's Catalyst Program
- 2) A letter of support from the Board of Trustees in support of the project (draft attached for consideration)
- 3) Authorization for staff (including VPPSA staff) to move forward with obtaining quotes/terms from local financing institutions for the short-term financing to be used for the NBRC application process and the 108 (c) financing approval process

Proposed Motion:

Motion to provide authorization and support for the NBRC's Catalyst Program Grant application and to authorize staff to move forward with the related financial efforts as needed.

Barton Village, Inc.

PO Box 519
17 Village Square
Barton, Vermont 05822
(802) 525-4747

April 22, 2024

Northern Regional Border Commission
JC Cleveland Federal Bldg., Suite 1501
53 Pleasant Street
Concord, NH 03301

RE: Catalyst Spring Application/ Barton Village Hydro Project

Dear NRBC,

Barton Village has submitted an application in the spring round of the Catalyst program for the Village's Hydro Facility project upgrades. This facility is a municipally owned hydro facility located on the Clyde river in West Charleston, Vermont.

As a Board, we are responsible for the operations of a village department, highway department, electric utility, water facility and a wastewater facility. We are realizing significant needs/improvements in all departments and had to make some very tough decisions during the CY2024 budget year.

The electric utility has seen its share of cost increases [10.82% in CY2023] and the repairs to the hydro project will add to that burden; however, the necessary repairs have been deferred for too long and the facility is now at a point where the repairs are critical, or the facility will need to cease operating.

Barton Village is a small community in Northern Vermont. The median income is approximately \$29,375, the unemployment rate is 42.1% (2022 data), and it is considered a distressed community in the region.

The Board is supportive of this application and urges the Commission to consider the value the hydro facility brings to the communities that are served by the utility. Not only is the hydro facility a valuable renewable source, it provides a significant amount of power to the utility that will need to be replaced if the hydro is not repaired and that will increase cost to the ratepayers served by the utility. The project upgrades meet several of the local and regional plan's goals as well as the State's goal to invest in infrastructure that provides long-term community and economic benefits to the communities its serves.

The Board fully supports this funding request. If the Village cannot find appropriate funding to help offset the cost of the repairs, the Village may not be in a position to move this project forward and the facility may need to cease operations.

Thank you.

Sincerely,

Regina Lyon
Barton Village
Board of Trustees Chair



DRAFT (April 15, 2024)

828031

Mr. Denis Fortin
Hydro Manager
Barton Village, Inc.
17 Village Square
Barton, VT 05822

*RE: Project Upgrades Opinion of Probable Construction Cost
Barton Village Hydroelectric Project (FERC No. 7725)
West Charleston, Vermont*

Dear Denis,

This letter is intended to summarize our developed opinion of probable construction cost (OPCC) for the upgrades at the Barton Village Hydroelectric Project located on the Clyde River in West Charleston, VT. This facility is currently owned and operated by Barton Village, Inc. (Barton). The purpose of the OPCC is to assist Barton with procuring financing for the proposed upgrades. PC Construction Company (PCC) and Eaton Corporation (Eaton) assisted with developing the OPCC's.

Mr. Morgan Marlow, P.E. with DuBois and King, Inc., Travis Tremblay with PCC, and Mr. Denis Fortin with Barton visited the site on March 5, 2024 to review the proposed upgrades. Select photographs taken during the site visit are attached to this letter. Following is a description of each proposed upgrade and OPCC.

Scope Item 1: Motorizing the Existing Unit No.2 Penstock gate Valve: **\$52,965.00**

This project includes installing an electric motor and operator to replace the existing manual operator at the Unit No.2 gate valve. The electric motor will make use of the existing gate valve support frame. OPCC includes opinion of probable cost developed by PCC, 10 percent for design and construction services, and 20 percent owner contingency.

Scope Item 2: Replacing the Existing Transformer: **\$425,370.00**

This project includes removing the existing transformer and replacing it with a transformer of identical size/capacity. The project includes a new reinforced concrete containment sized to meet EPA regulations. The existing bus structure will not be demolished but will be disassembled by Barton as required to remove the existing transformer and install the new transformer. For the development of the OPCC for this project it is assumed Barton will be responsible for all disconnection and reconnection of lines, phasing, and that the existing transformer does not contain PCBs beyond 50 parts per million (PPM). OPCC includes opinion of probable cost for the new containment and rigging costs provided by PCC, cost to dispose of existing transformer and oils and cost for new transformer provided by Eaton, 10 percent for design and construction services, and 20 percent owner contingency.

Scope Item 3: Replacing the Existing Headgates and Supporting Structure: \$776,094.00

This project includes replacing the existing timber headgates and steel support structure with new steel headgates and support structure. The new system will be operated with electric actuators. The OPCC includes an allowance for a temporary cofferdam. OPCC includes opinion of probable cost developed by PCC, 10 percent for design and construction services, and 20 percent owner contingency.

Scope Item 4: Replacing the Existing Unit No.2 Penstock: \$1,354,716.00

This project includes demolishing the existing Unit No.2 penstock and saddles, replacing the penstock with a 5/16-inch thick rolled ASTM A36 steel plate penstock, and replacing the existing saddles with new reinforced concrete saddles and thrust blocks as shown in SKS-2 of the attached alternatives analysis report titled “Unit No.2 Penstock Repair Alternatives” prepared by DuBois & King, Inc. last dated November 4, 2022. The new steel pipe would maintain the alignment and geometry of the existing penstock. OPCC includes opinion of probable cost developed by PCC as part of the 2022 “Unit No.2 Penstock Repair Alternatives” report, 10 percent cost escalation for inflation, 10 percent for design and construction services, and 20 percent owner contingency.

The opinion of probable construction costs developed and presented in this letter are based upon information available to DuBois & King, Inc. We reserve the right to update, add or delete any information contained herein as more information is made available to us. Please note that any budgetary estimates provided are provided on the basis of our professional judgement and experience. DuBois & King has no control over the cost or availability of labor, equipment or materials and makes no warranty, expressed or implied, that actual cost will not vary from the budgetary estimates provided.

If you have any questions or comments regarding this letter, please do not hesitate to call us. We appreciate the opportunity to provide this service to you and look forward to working with you in the future.

Very truly yours,
DUBOIS & KING, INC.

Morgan Marlow, P.E.*
Senior Structural Engineer
*VT, NH, NY

Attachments: Photographs
PCC Opinion of Probable Cost
2022 Unit No.2 Penstock Repair Alternatives Report



Photograph #1: Existing Unit No.2 Penstock gate Valve



Photograph #2: Existing Transformer and Bus Structure



Photograph #3: Existing Headgate Support Arms and Actuators



Photograph #4: Existing Unit No.2 Penstock

PCC OPINION OF PROBABLE COST
BARTON VILLAGE HYDROELECTRIC PROJECT



April 11, 2024

Morgan Marlow
DuBois & King, Inc.
6 Green Tree Drive
South Burlington, VT 05403

Morgan:

Re: Barton Village Hydro Electric
Headgate, Main Supply Valve Operator and & Substation Containment
Opinion of Probable Cost
Great Falls Rd.
West Charleston, Vermont

We have prepared the following Opinion of Probable Costs for the Barton Village Hydroelectric Station for the specific scopes of work outlined below. This budgetary estimate is based on our site review of the existing conditions, our past experience on similar scopes of work, and discussions with Dubois & King. The estimate includes all labor, materials, equipment, subcontractor's, site supervision, safety oversight, pre-construction & construction management, and general liability insurance(s) necessary to perform the detailed scope of work as follows for each item.

Scope of Work:

Item #1: Replace Manual Main Supply Valve Operator with Electric Operator

1. Mobilization tools & equipment to the site.
2. Provide forklift for offloading new equipment and loading salvaged equipment.
3. Close existing manually operated valve.
4. Remove existing manual operation components on existing valve and turn over to Owner for salvage or disposal.
5. Clean and prep surfaces for new equipment.
6. Furnish and install new epoxy painted support bracket to existing valve body support locations.
7. Furnish and install new electric actuator and gearbox connecting to existing flanged non-rising stem with the following:
 - a. Rotork actuator model IQ25/B4/IB11/FA30 with 208V/3ph/60A 115 RPM motor, with class H high temp motor windings.
 - b. Current position transmitter with 120 VAC control circuit.
 - c. Rotork IB11 bevel gear with 4:1 ratio for resulting torque output of 578 ft-lbs at 28 rpm for approximate run time of 5 minutes.
 - d. Top mounted handwheel with manual override.
 - e. Drive bushing bored and keyed to fit directly to existing valve stem.
8. Provides an allowance of \$2,000.00 for new electrical service to furnished equipment. It is assumed that the existing station service has enough capacity to service these electrical needs.
9. Demobilization of tools and equipment.

Item #1 Opinion of Probable Cost

\$ 40,125.00

Scope Specific Clarifications:

1. Anticipated unit outage duration of up to 1 week.

Item #2: Substation Transformer Containment Foundation

1. Mobilization to site and establish temporary staging areas and erosion control measures.
2. Remove portions of existing chainlink fence and salvage for reuse.
3. Demolish and dispose of existing transformer foundation.
4. Excavation to subgrade and prep for new foundation containment system including crushed stone and perimeter drainage.
5. Truck excavation spoils off-site. Assumes all materials are free of contaminant and can be disposed of at typical upland locations.
6. Form, reinforce, and place new cast in place concrete transformer containment foundation. Foundation assumed to be 16'x11' with 1'-6" tall containment walls and pedestal. Pedestal assumed to be 5'x5'.
7. Furnish and install petrol-plug containment drain system.
8. Install galvanized support beams and fiberglass grating over containment area.
9. Backfill with crushed stone and top-dress with non-woven fabric and salvaged excavation materials.
10. Regrade area to match preconstruction conditions.
11. Provides an allowance of \$7,500 for reinstallation and/or upgrades of existing chain-link fencing.
12. Provide seed, mulch, and necessary site restoration.
13. Demobilization of tools and equipment.

Item #2 Opinion of Probable Cost \$ 102,250.00

Scope Specific Clarifications:

1. Anticipated project duration of 4 weeks.
2. Excludes purchase of transformer and all associated electrical work.
3. Per discussions at the site, the wood overhead structure will need to remain in place per historic registry regulations. Our budget assumes that the temporary removal and reinstallation of overhead cross members necessary to facilitate transformer removal and installation would be performed by the Village of Barton.
4. Excludes removal and installation of transformers. In the event assistance would be required with these tasks the associated budgets would be as follows:
 - a. Provide rigging and crane services to remove existing transformer and load onto trucks for disposal by others. Excludes draining and disposal of oil: \$9,015.00
 - b. Provide rigging and crane services to set new transformer in place from delivery truck. Includes anchoring to new foundation. Assumes new transformer is of similar weight to the existing transformer. Excludes providing oil, start-up, and commissioning: \$10,350.00

Item #3: New Headgates and Operators

1. Mobilization of tools & equipment to the site.
2. Prepare site for crane access to include minor grading improvements and tree trimming.
3. Install and remove temporary cofferdam, exact means and methods to be determined based on further assessment of existing trash rack infrastructure and/or upstream river conditions. An allowance of \$67,000.00 has been provided for this scope.
4. Remove and dispose of existing timber gates, gate stems, rack and pinion operators, associated concrete pedestals, and metal grating.
5. Perform concrete demolition and/or repairs to establish new headgate seal surfaces at existing edges of openings including header, sill, and gate guides to deck elevation.

6. Furnish and install two new gate leaf's constructed of welded steel beams and skin plates coated with two-part epoxy paint systems with UMHW rub strips.
7. Furnish and install actuator support frame to accept new headgate operators. Assumed to be welded steel beams to span loading to foundation below.
8. Furnish and install two new electric actuators, gearboxes, mounting plates, threaded rising stems, and stem covers per the following:
 - a. Rotork actuator model IQ25/B4/IB11/FA30 actuators with 208V/3ph/60A 115 RPM motor, with class H high temp motor windings.
 - b. Current position transmitter with 120 VAC control circuit.
 - c. Rotork IB11 bevel gear with 4:1 ratio for resulting torque output of 578 ft-lbs at 28 rpm for approximate run time of 10 minutes.
 - d. Top mounted handwheel with manual override.
 - e. Drive bushing bored and threaded to fit new 3.5" diameter stainless steel stem, 144" long with 132" threaded, thrust nut, stop collar, and stem cover.
10. Provides an allowance of \$15,000.00 to provide electric service to the two new actuators.
11. Furnish and install new galvanized steel grating at headgate slot openings.
12. Provide start-up and commissioning of new equipment.
13. Miscellaneous site restoration as needed.
14. Demobilization of tools and equipment.

Item #3 Opinion of Probable Cost

\$ 587,950.00

Scope Specific Clarifications:

1. Anticipated project duration of 8 weeks.

General Opinion of Probable Cost Exclusions/Clarifications:

1. The cost to obtain any and all Federal, State and Local permits, and or the necessary approvals to perform the scope of work listed above.
2. The costs associated with performing all aspects of design and engineering.
3. The costs associated with the testing, handling and/or disposal of hazardous containing materials, including contaminated soils.
4. Our estimate excludes sales tax.
5. The costs associated with Barton Village Electric internal administration and/or overhead costs.
6. The costs associated with Force Majeure Events that could adversely affect equipment deliverables, costs, construction sequencing, and any additional delays that could affect the overall duration of the construction schedule.
7. The costs associated with Performance and Payment Bonds, and Builder's Risk Insurances.
8. The costs associated with the loss of generation revenue during construction schedule.
9. Each project is priced as a standalone project. Cost savings could be recognized by combining multiple scopes of work.
10. Our proposal assumes that plant operators will be readily available for station access, equipment lockouts, various tasks as required.
11. Lead times for electric actuator components are 22-26 weeks.

We hope that this estimate is helpful to Barton Village Electric Light in planning their options for future repairs and thank you for the opportunity to be of service. If you have any questions or comments, please feel free to contact myself at 802-598-6307.

Page 2

Sincerely,

Travis Tremblay
Project Manager/Employee Owner

Cc File
Justn Reed, PC Construction

2022 UNIT NO.2 PENSTOCK REPAIR ALTERNATIVES REPORT
BARTON VILLAGE HYDROELECTRIC PROJECT

BARTON VILLAGE, INC.

**BARTON VILLAGE HYDROELECTRIC PROJECT
WEST CHARLESTON, VERMONT
FERC NO. 7725**

UNIT NO.2 PENSTOCK REPAIR ALTERNATIVES



NOVEMBER 4, 2022

D&K Project No. 828031



BARTON VILLAGE, INC.

BARTON VILLAGE HYDROELECTRIC PROJECT WEST CHARLESTON, VERMONT FERC NO. 7725

UNIT NO.2 PENSTOCK REPAIR ALTERNATIVES

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APPENDIX D: POTENTIAL PERMITTING REQUIREMNETS

APPENDIX E: RECORD DRAWINGS

BARTON VILLAGE, INC.

BARTON VILLAGE HYDROELECTRIC PROJECT WEST CHARLESTON, VERMONT FERC NO. 7725

UNIT NO.2 PENSTOCK REPAIR ALTERNATIVES

I. DESCRIPTION AND BACKGROUND

Station Description:

Barton Hydroelectric Project is a run-of-the-river facility located on the Clyde River in West Charleston, VT currently owned and operated by Barton Village, Inc. (Barton). Project consists of an approximate 77-foot long by 24-foot high concrete and masonry dam with wood flashboards, an intake structure at the right bank of the river, a 770-foot long steel penstock, four reinforced concrete thrust blocks, and a powerhouse with tailrace structure. Powerhouse contains two Francis turbines, unit No.1 and unit No.2 which have a total rated capacity of 1.4 megawatts (MW).

Background:

Approximately 665 feet from the intake structure, the penstock enters a reinforced concrete thrust block where it bifurcates into two penstocks. A 5-foot 6-inch diameter welded steel penstock, unit No.1 penstock, conveys water to unit No.1 and a 5-foot 9-inch diameter welded and riveted steel penstock, unit No.2 penstock, conveys water to unit No.2. The unit No.2 penstock has multiple active leaks, patched leaks, and signs of deterioration and inadequate supports. Original drawings depicting the existing penstock geometry titled “Barton Village Hydroelectric Project” prepared by The H.L. Turner Group Inc. and last dated July 19, 1991 are attached in **Appendix E**.

As part of Barton’s regulatory requirements and due to concerns that the unit No.2 penstock may be reaching the end of its service life, Barton Village retained DuBois & King, Inc. (D&K) to perform an assessment of the entire penstock. The assessment included a 2-person visual review, shell thickness measurements, soundings at concrete and a stress analysis utilizing field collected data.

The D&K’s assessment is summarized in the report titled “Barton Village Hydroelectric Project West Charleston, Vermont FERC NO.7725 – Penstock Condition Assessment” last dated in 2022. The assessment indicated that the unit No.2 penstock has reached the end of its service life and that given horizontal bends in the penstock, it is inadequately supported to accommodate thermal expansion and resist longitudinal forces at the bends.

This report reviews two alternatives to repair or replace the unit No.2 penstock. Included in this report is a description of each alternative along with a comparison between alternatives including: opinion of probable construction cost (OPCC), with estimated duration, a hydraulic comparison, and a permitting analysis with potential permitting requirements. Sketches SKS-1 and SKS-2 referenced in the report are attached in **Appendix A**.

II. ALTERNATIVES

To provide Barton Village with multiple options, D&K investigated two alternatives for Barton’s consideration and review. Alternatives summary table is provided in **Appendix B**.

Loads:

The alternatives were evaluated for a max operating plus transient pressure of 35.2 pounds per square inch (psi) based on a pond elevation of 6.6-feet above the top of the flashboards. This elevation was provided by Nathan Sicard of Barton Village, Inc. in an email on August 10, 2022. Along with the internal water pressure, the alternatives were also evaluated for the following loads: self-weight, water weight, thermal expansion and contraction, friction at joints and couplings, ice weight, and the greater of wind or seismic.

Alternatives:

Alternative #1 – Carbon Fiber Reinforced Polymer Liner

Carbon Fiber Reinforced Polymer Liner (CFRP) is comprised of layers of unidirectional CFRP fabric bonded together with epoxy resin. This alternative includes reinforcing the existing penstock with CFRP and removing the existing concrete saddles and replacing them with reinforced concrete saddles and thrust blocks as shown in SKS-1. The CFRP system can be applied to either the interior or the external surface of the existing penstock. The CFRP will be designed to support all loads independent of the existing steel. The anticipated lifespan of this system is approximately 50 years. Along with CFRP a new split-sleeve expansion joint will be installed between the thrust blocks and new steel thrust collars will be installed at the thrust blocks as shown in SKS-1. Where the CFRP is not installed, the existing steel will receive a coating system as outlined in SKS-1.

Alternative #2 – New Steel Penstock

This alternative includes demolishing the existing penstock and saddles, replacing the penstock with a 5/16-inch thick rolled ASTM A36 steel plate penstock, and replacing the existing saddles with new reinforced concrete saddles and thrust blocks as shown in SKS-2. The new steel pipe would maintain the alignment and geometry of the existing penstock. The anticipated lifespan of the new steel penstock is approximately 80 years. The new steel will have an internal and external coating system as outlined in SKS-2.

As part of this alternative, the condition of the portion of the existing penstock at the powerhouse wall and at the upstream thrust block will need to be field reviewed to determine if it can be adequately utilized for a welded connection.

Alternative #3 – New Reinforced Concrete Saddles at Unit No.1 Penstock

In addition to the previously outlined alternatives for the Unit No. 2 Penstock, an OPCC has been included to replace the concrete saddles at the unit No.1 penstock with new reinforced concrete saddles fastened to bedrock with galvanized rock dowels. The OPCC for this alternative \$173,500.00 as outlined in **Appendix C**.

III. ALTERNATIVES COMPARISON

Opinion of Probable Construction Cost and Schedule:

D&K consulted with PC Construction (PCC) and Structural Technologies to develop an OPCC and anticipated construction duration. OPCC and construction duration were developed using D&K sketches SKS-1 and SKS-2 provided in **Appendix A**. Summary of OPCC and construction duration can be found in **Appendix C**.

Hydraulic Comparison:

D&K reviewed the available information for the CFRP liner and determined that the hydraulic implications due to the liner are insignificant. Structural Technologies reported that in their experience it is not uncommon to have increased hydraulic capacity due to the CFRP having a lower Manning's coefficient than steel.

Potential Permitting Requirements:

D&K conducted a review of potential permitting requirements for each alternative. D&K's review consisted of consultation with local, state and federal agencies, and desktop review of wetlands and natural resources. Summary of the potential permitting requirements and a wetland exhibit can be found in **Appendix D**. Given the similarity in permitting requirements, the summary is not a comparison, but a list and description of the potential required permits.

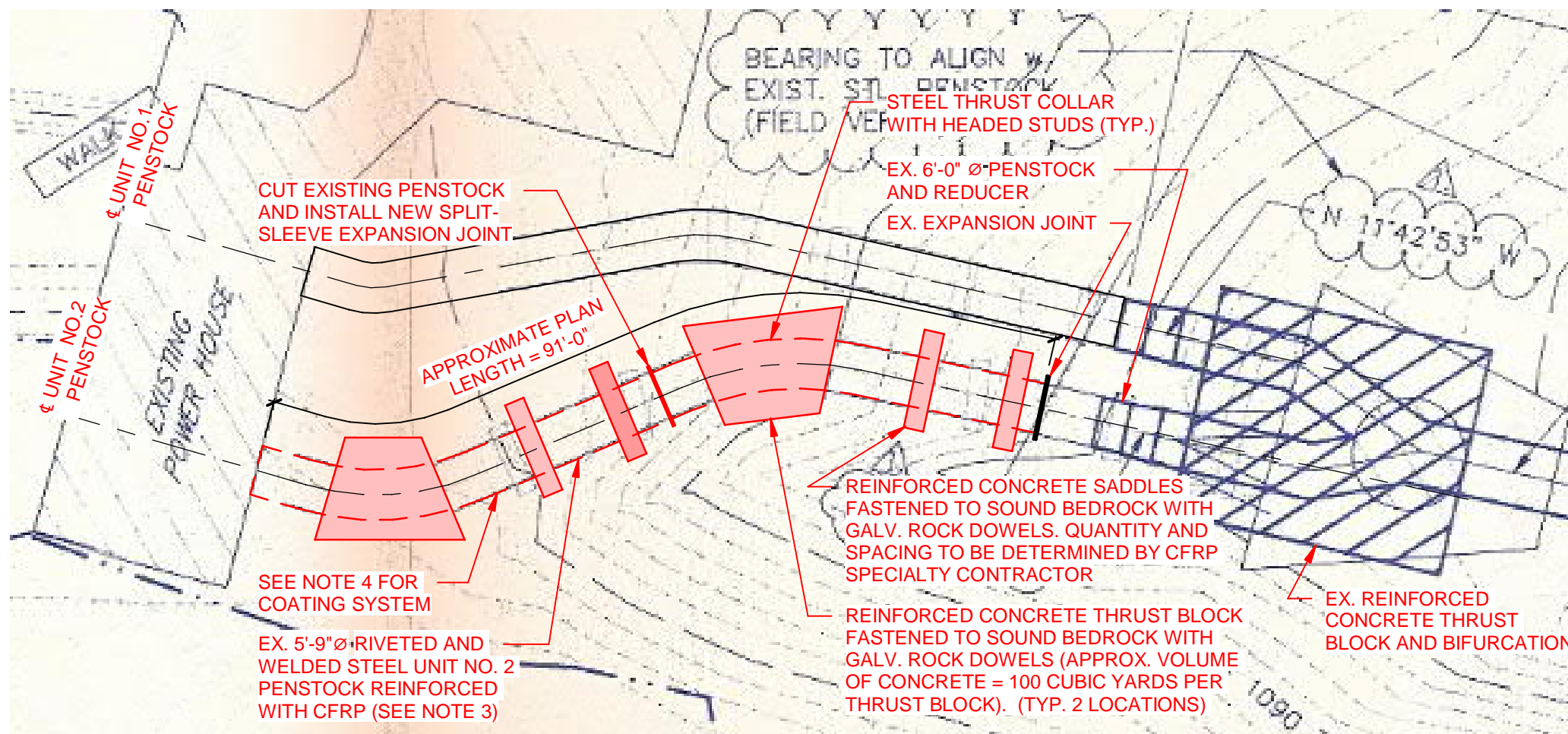
IV. CONCLUSIONS

Each alternative has pros and cons associated with costs, construction duration and maintenance requirements. A summary of the alternatives along with pros and cons is provided **Appendix B**. Although not reviewed as part of this study. If the previous alternatives are found to be cost prohibitive, D&K recommends Barton investigate the feasibility of plugging the unit No. 2 penstock at the bifurcation to maintain operation of unit No.1 penstock.

APPENDIX A

ALTERNATIVES SKETCHES

BARTON VILLAGE HYDROELECTRIC PROJECT UNIT NO.2 PENSTOCK REPAIR ALTERNATIVES



NOTES:

1. CONTRACTOR TO DEMOLISH EXISTING SADDLES AND PROVIDE TEMPORARY BRACING AND SHORING OF EXISTING PENSTOCK AS REQUIRED.
2. EXISTING INFORMATION BASED ON LIMITED FIELD MEASUREMENTS DRAWINGS TITLED "BARTON VILLAGE HYDROELECTRIC PROJECT" BY THE H.L. TURNER GROUP AND LAST DATED 05/10/1991 PROVIDED BY BARTON VILLAGE, INC.
3. EXISTING 5'-9" NOMINAL DIAMETER PENSTOCK TO BE REINFORCED WITH CARBON FIBER REINFORCED POLYMER (CFRP) COMPOSITES. CONTRACTORS OPTION TO APPLY CFRP INTERNALLY OR EXTERNALLY. CFRP TO HAVE ADEQUATE STRENGTH AND STIFFNESS TO REPLACE EXISTING STEEL PENSTOCK.
4. COATING SYSTEM NOTES:
ALL COATINGS TO BE APPLIED IN ACCORDANCE WITH THE MANUFACTURES WRITTEN INSTRUCTIONS. COATING AND MATERIAL PREP AT CFRP TO BE PREPARED AND INSTALLED AS SPECIFIED BY THE CARBON FIBER REINFORCING SPECIALTY CONTRACTOR.
 - A. INTERIOR:
 - SURFACE PREP.:SSPC-SP-10 BLAST NEAR-WHITE (MINIMUM 2 MIL ANCHOR PROFILE)
 - PRIMER COAT: HYDRO ZINC SERIES 94-H₂O @ 2.5-3.5 MILS DRY.
 - STRIPE COAT: APPLY A STRIPE COAT TO ALL WELD SEAMS SERIES 94-H₂O OR SERIES V140F @ 2.5-3.0 MILS DRY.
 - FULL FINISH COAT: APPLY ONE FULL FINISH COAT OF TNEMEC SERIES 22 OR FC22 EPOXOLINE, WH08-WHITE @ 25-30 MILS DRY.
 - B. EXTERIOR:
 - NO EXTERIOR COATING AT CONCRETE THRUST BLOCKS.
 - SURFACE PREP. POWER WASHED IN ACCORDANCE WITH SSPC-SP12 (LP WC) WJ-4 CONDITION (4,000 PSI) WASHING SYSTEM CONTAINING A SUITABLE SOLUTION OF AN ENVIRONMENTALLY APPROVED CLEANING AGENT TO REMOVE ALL SURFACE CONTAMINATION AND BE EQUIPPED WITH AN OSCILLATING TIP. SAME SURFACES SHALL BE CLEAN WATER RINSED TO REMOVE ALL CLEANING RESIDUE.
 - SURFACE PREP TO REMAINING STEEL: SSPC-SP2 OR SP3 HAND OR POWER TOOL CLEANING.
 - SPOT PRIMER COAT: TNEMIC SERIES 1 OMNITHANE APPLIED AT 2.5-3.5 MILS DFT.
 - FULL INTERMEDIATE COAT: TNEMIC 27 TYPOXY APPLIED AT 3.0-5.0 MILS DFT.
 - FULL FINISH COAT: TNEMIC SERIES 1095 ENDURASHIELD APPLIED AT 2.0-3.0 MILS DFT.
5. DESIGN PRESSURES:
 - A. OPERATING PRESSURE: 35.1 PSI
 - B. TRANSIENT PRESSURE: 35.1 PSI

1 ALTERNATIVE #1 - CARBON FIBER REINFORCED
 SKS-1 NOT TO SCALE

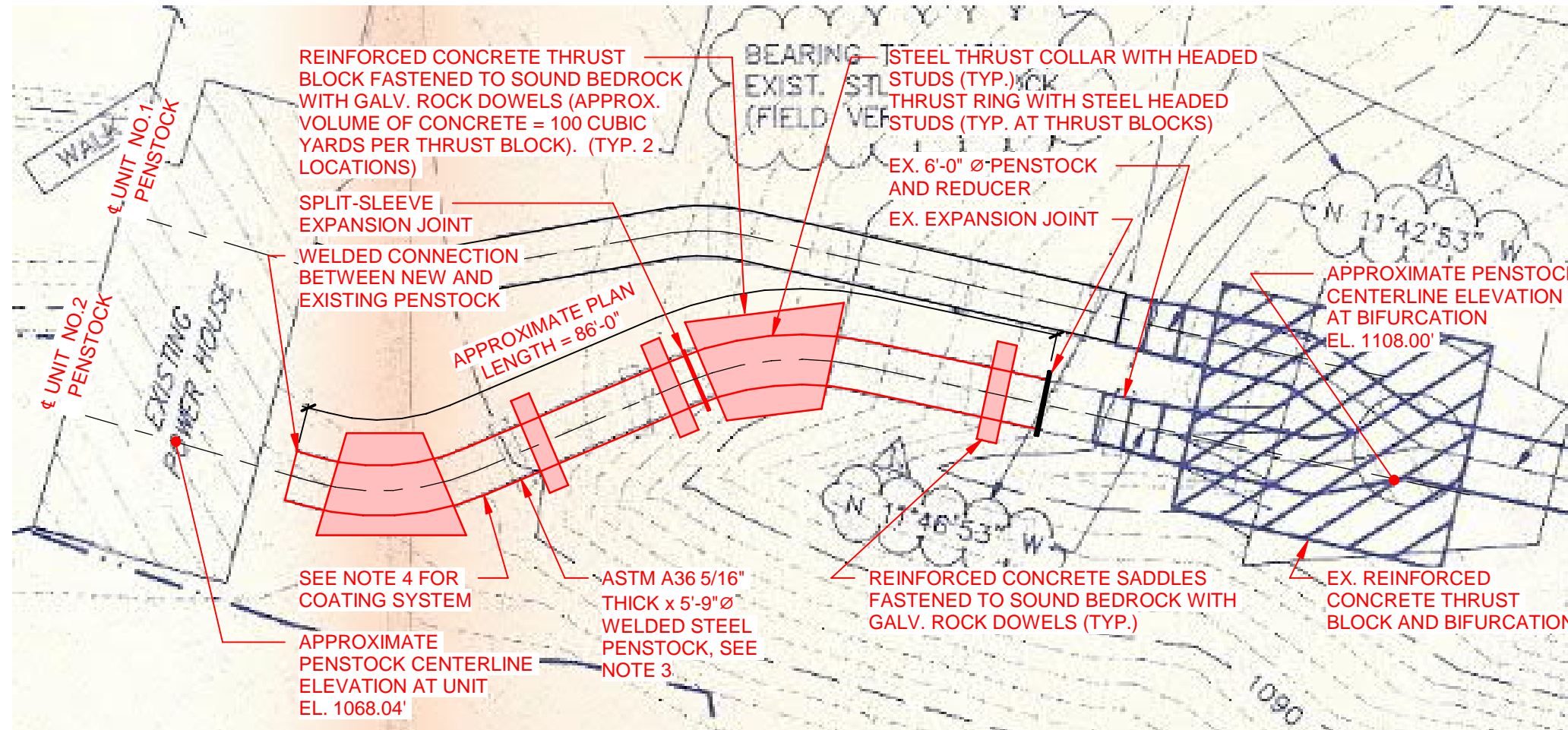


PROGRESS
 2022-11-04
 NOT FOR CONSTRUCTION



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 www.dubois-king.com
 VERMONT, NEW HAMPSHIRE,
 MAINE, NEW YORK

BARTON VILLAGE - UNIT NO.2 PENSTOCK ALTERNATIVES
 JOB _____
 SHEET NO. **SKS-1** OF _____
 CALCULATED BY **MLM** DATE **PROGRESS**
 CHECKED BY _____ DATE **PROGRESS**
 SCALE **1/16" = 1'-0"**



NOTES:

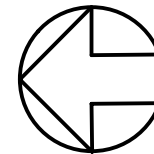
1. EXISTING INFORMATION BASED ON LIMITED FIELD MEASUREMENTS DRAWINGS TITLED "BARTON VILLAGE HYDROELECTRIC PROJECT" BY THE H.L. TURNER GROUP AND LAST DATED 05/10/1991 PROVIDED BY BARTON VILLAGE, INC.
2. CONTRACTOR TO DEMOLISH EXISTING 5'-9"Ø PENSTOCK AND EXISTING SADDLES.
3. PENSTOCK TO BE ASTM A36 5'-9" O.D. x 5/16" THICK STEEL SHELL WITH FULL PENETRATION WELD JOINTS. CONTRACTOR TO PROVIDE SPOT RT TESTING AT ALL WELDS.
4. COATING SYSTEM NOTES:
 - A. INTERIOR:
 - SURFACE PREP.: SSPC-SP-10 BLAST NEAR-WHITE (MINIMUM 2 MIL ANCHOR PROFILE)
 - PRIMER COAT: HYDRO ZINC SERIES 94-H₂O @ 2.5-3.5 MILS DRY.
 - STRIPE COAT: APPLY A STRIPE COAT TO ALL WELD SEAMS SERIES 94-H₂O OR SERIES V140F @ 2.5-3.0 MILS DRY.
 - FINISH COAT: APPLY ONE FULL FINISH COAT OF TNEMEC SERIES 22 OR FC22 EPOXOLINE, WH08-WHITE @ 25-30 MILS DRY.
 - B. EXTERIOR:
 - SURFACE PREP.: SURFACES SHALL BE CLEANED IN ACCORDANCE WITH SSPC-SP2 OR SP3 HAND OR POWER TOOL CLEANING. ALL SURFACES SHALL BE CLEAN AND DRY PRIOR TO PAINTING.
 - PRIMER COAT: RD COATINGS – ELASTOMETAL APPLIED AT 6-8 MILS DFT
 - INTERMEDIATE COAT: RD COATINGS – MONOGUARD APPLIED AT 4.0-6.0 MILS DFT.
 - FINISH COAT: RD COATINGS – MONOGUARD APPLIED AT 4.0-6.0 MILS DFT.
5. DESIGN PRESSURES:
 - A. OPERATING PRESSURE: 35.1 PSI
 - B. TRANSIENT PRESSURE: 35.1 PSI

ALTERNATIVE #2 - NEW STEEL PENSTOCK WITH REINFORCED CONCRETE SADDLES

1
SKS-2

NOT TO SCALE

PROJECT NORTH



PROGRESS
2022-11-04
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DuBois & King Inc

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BARTON VILLAGE - UNIT NO.2 PENSTOCK ALTERNATIVES

JOB _____
SHEET NO. **SKS-2** OF _____
CALCULATED BY **MLM** DATE **PROGRESS**
CHECKED BY _____ DATE **PROGRESS**
SCALE **1/16" = 1'-0"**

APPENDIX B

ALTERNATIVES SUMMARY TABLE

BARTON VILLAGE HYDROELECTRIC PROJECT UNIT NO.2 PENSTOCK REPAIR ALTERNATIVES

Barton Hydroelectric Project Alternatives Summary Table

Alternative	Alternative #1 Carbon Fiber Reinforced Polymer Liner	Alternative #2 New Steel Penstock
Estimated Total Installed Cost ²	\$1,548,325.00	\$933,000.00
Construction Duration ¹	14 Weeks	12 Weeks
Hydraulic Implications	Insignificant capacity change.	Insignificant capacity change.
Lifespan	50 years	80 years
Maintenance	Reapplication of coating system every 10-20 years	Reapplication of coating system every 10-20 years
Pros	<ul style="list-style-type: none"> • Demolition of existing penstock not required. 	<ul style="list-style-type: none"> • Shortest construction timeline • Demolition of existing penstock not required • Most cost effective • Longest anticipated lifespan
Cons	<ul style="list-style-type: none"> • Least cost effective • Longest Construction Timeline • Shortest anticipated lifespan 	

Notes:

1. Add 3 weeks to duration if Unit No.1 saddles are replaced.
2. An additional 10% should be carried for design and construction services.

APPENDIX C

OPINION OF PROBABLE CONSTRUCTION COST AND DURATION

BARTON VILLAGE HYDROELECTRIC PROJECT
UNIT NO.2 PENSTOCK REPAIR ALTERNATIVES



BUILDING STRONGER, TOGETHER

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100% EMPLOYEE OWNED

November 2, 2022

Timothy Dall
DuBois & King, Inc.
6 Green Tree Drive
South Burlington, VT 05403

Tim:

Re: Barton Village Hydro Electric, Penstock #2 Repair Options
Opinion of Probable Cost
Great Falls Rd.
West Charleston, Vermont

We have prepared the following Opinion of Probable Costs for the Barton Village Hydroelectric Station Penstock #2 Repairs. This budgetary estimate is based on the Drawings and Specifications as prepared by Dubois & King, dated 8-30-22. The estimate includes all labor, materials, equipment, subcontractor's, site supervision, safety oversight, pre-construction & construction management, and general liability insurance(s) necessary to perform the detailed scope of work as follows for the repair of approximately 91' of 5'-9" diameter penstock.

Scope of Work:

Alternative 1: Carbon Fiber Reinforcing

1. Mobilization to site and establish temporary staging areas and erosion control measures.
2. Seal headgates and establish temporary dewatering systems.
3. Excavate sections of buried penstock for access, installing temporary shoring to support the penstock.
4. Remove and dispose of existing penstock section and concrete saddles scheduled for replacement.
5. Furnish and install Carbon Fiber Reinforced Liner to the exterior of the pipe.
6. Prepare new cast in place concrete saddles anchored to ledge. Assumes ledge is within 3' below invert of penstock.
7. Surface preparation as required for interior of existing steel penstock to accept specified Tnemec Coatings.
8. Install new penstock expansion joint.
9. Install new reinforced cast in place concrete thrust blocks.
10. Installation of compacted structural backfill and sand bedding where pipe is supported by soils.
11. Regrade area to match preconstruction conditions.
12. Site restoration and demobilization.

Alternative #1 Opinion of Probable Cost

\$ 1,548,325.00

Clarifications:

1. Anticipated project and plant outage duration of 14 weeks.

Alternative 2: New Steel Penstock with Reinforced Concrete Saddles

1. Fabricate new steel penstock and factory apply interior and exterior coatings at all locations other than joints.
2. Mobilization to site and establish temporary staging areas and erosion control measures.
3. Seal headgates and establish temporary dewatering systems.
4. Excavate sections of buried penstock.
5. Remove and dispose of 86 lf existing penstock and concrete saddles scheduled for replacement.
6. Prepare new cast in place concrete saddles anchored to ledge. Assumes ledge is within 3' below invert of penstock.
7. Deliver and place new penstock.
8. Assemble and weld new penstock to meet existing penstock including expansion joint on upstream end.
9. Conduct RT tests on all welds.
10. Furnish and install UHMW Polyethylene sheets between new concrete saddles and penstock.
11. Surface preparation as required for interior and exterior steel penstock at joints to accept specified Tnemec Coatings
12. Install new reinforced cast in place concrete thrust blocks.
13. Installation of compacted structural backfill and sand bedding where pipe is supported by soils.
14. Regrade area to match preconstruction conditions.
15. Site restoration and demobilization.

Alternative #2 Opinion of Probable Cost \$ 933,000.00

Clarifications:

1. Anticipated project duration of 12 weeks.

Alternate 3: Add Concrete Saddles to Penstock #1

1. Excavate sections of buried penstock for access, installing temporary shoring to support the penstock.
2. Remove and dispose of existing penstock and concrete saddles scheduled for replacement.
3. Prepare new cast in place concrete saddles anchored to ledge. Assumes ledge is within 3' below invert of penstock.
4. Installation of compacted structural backfill.
5. Regrade area to match preconstruction conditions.

Alternative #3 Opinion of Probable Cost \$ 173,500.00

Clarifications:

1. This option is not priced as a stand-alone project and is assumed to be performed in conjunction with alternative #1 or 2.
2. The addition of this work would add 3 weeks to the overall project schedules noted above.

General Opinion of Probable Cost Exclusions/Clarifications:

1. The cost to obtain any and all Federal, State and Local permits, and or the necessary approvals to perform the scope of work listed above.
2. The costs associated with performing all aspects of design and engineering.

3. The costs associated with the testing, handling and/or disposal of hazardous containing materials.
4. Our proposal includes sales tax with the exception of the purchase of penstock materials.
5. The costs associated with Barton Village Electric internal administration and/or overhead costs.
6. The costs associated with Force Majeure Events that could adversely affect equipment deliverables, costs, construction sequencing, and any additional delays that could affect the overall duration of the construction schedule.
7. The costs associated with Performance and Payment Bonds, and Builder's Risk Insurances.
8. The costs associated with the loss of generation revenue during construction schedule.
9. Our proposal is based one mobilization to complete the work.
10. Our proposal assumes that work will be completed behind live gates that are locked out and tagged out.
11. Our proposal assumes that plant operators will be readily available for station access, equipment lockouts, various tasks as required.

We hope that this estimate is helpful to Barton Village Electric Light in planning their options for future repairs and thank you for the opportunity to be of service. If you have any questions or comments, please feel free to contact myself at 802-598-6307.

Sincerely,



Travis Tremblay
Project Manager/Employee Owner

Cc File



Proposal Approval:

APPENDIX D

POTENTIAL PERMITTING REQUIREMENTS

BARTON VILLAGE HYDROELECTRIC PROJECT
UNIT NO.2 PENSTOCK REPAIR ALTERNATIVES

The following matrix provides a breakdown of potential local, state, and federal environmental approvals and/or permitting for the Barton Village Unit No. 2 Penstock improvements project located in the town of Charleston, Vermont. Permitting would be similar for both alternatives and therefore, permitting requirements for both alternatives are combined in the table below. Further explanation of the approvals/permits are provided following the matrix.

Local, State, Federal Environmental Approval/Permitting Matrix

Approval/Permit		Required	Not Required	Further Review ¹
State	River Corridor/Flood Hazard Area			X
	Stream Alteration		X	
	Wetlands			X
	Shoreland Protection			X
	Dam Order		X	
	Section 401 Water Quality Certification			X
	Construction General Permit		X	
	Section 106 (Historic Preservation)	X		
	Rare, Threatened, and Endangered Species			X
Federal	USACE Section 404			X
	USACE Section 10		X	
	FERC			X
	FEMA Floodplain		X	
	Rare, Threatened, and Endangered Species		X	
	NEPA			X
Local	Floodplain		X	

¹ Further review and coordination with regulatory agency and/or field investigation is required.

STATE:

Floodplain Management – The project area is located in a VT DEC river corridor, which is regulated under the Vermont Flood Hazard Area & River Corridor (FHARC) Rule (see attached VT ANR Atlas Natural Resource Atlas map). According to the FEMA FIRM 500083A, effective 11/19/1976, accessed on the Flood Map Service, the 100-year flood hazard area (Zone A) is located within the vicinity of the proposed alternatives (see attached FEMA Firmette). Some activities, such as the repair, maintenance, or reconstruction of utilities, do not require FHARC permit coverage. Additional coordination with the VT DEC Regional Floodplain Manager will be required to determine permit applicability once a preferred alternative is chosen and design has progressed.

Stream Alteration – A VT Stream Alteration permit is required for work/alterations within watercourses. The proposed work does not appear to impact the stream channel itself; therefore a stream alteration permit is not anticipated.

Wetlands – A VT Wetland Permit is required for work in Class I or II wetland and/or its 50-ft buffer. No Class I or II wetlands are mapped at the site according to the VT ANR Atlas mapper (see attached VT ANR Atlas Natural Resource Atlas map). Field verification is recommended to confirm no USACE or VTDEC-jurisdictional wetlands are present.

Shoreland Protection – The VT Shoreland Protection Act regulates shoreland development within 250 feet of a lake's mean water level for all lakes greater than 10 acres in size. Charleston Pond has a 250 foot regulated Shoreland which is in close proximity to the proposed alternatives (see attached VT ANR Atlas Natural Resource Atlas map). It is likely the project will be outside of the regulated area. However, further review is recommended once the preferred alternative is chosen.

Dam Order – A permit or dam order is required for construction, alteration or removal of dams (including lagoons, off-stream and "dug ponds") impounding more than 500,000 cubic feet of any liquid. Hydroelectric dams are regulated by the Vermont Public Service Board. The dam is subject to FERC licensing and therefore does not require a state dam order.

Section 401 Water Quality Certification – A Water Quality Certification (WQC) was issued to the Barton Village Hydroelectric Project. It is anticipated the project will conform to the WQC. However, further review of the facility WQC and the preferred alternative is recommend to confirm review under Section 401 is not required.

Construction General Permit – State permit required for disturbance of ≥ 1 acre associated with construction, including access, staging, and earthwork. The project will disturb less than 1 acre, and therefore, a permit is not required.

Section 106 – Based on Section 106 and supporting documentation provided by Barton Village, Inc., the Barton Village Hydroelectric Project has been identified as a National Register of Historic Places (NRHP) Historic District. Additionally, a Historic Properties Management Plan (HPMP) was developed for the Barton Village Hydroelectric Project which purpose is to *provide a management framework and stipulate compliance requirements to address any effects to historic properties that occur as a result of operating and maintaining the hydroelectric project*. If the project involves federal or state funding, licenses or permits, the Vermont State Historic Preservation Office (SHPO) must review the effects to historic and cultural resources. Coordination with the SHPO will be required for modification of the penstocks, powerhouse, and other structures identified as historic under the HPMP.

RTE – The VT ANR Atlas mapper indicated rare plant species are located within the vicinity of the project area (see attached Rare, Threatened, and Endangered Species map). Additionally, the state endangered northern long-eared bat (*Myotis septentrionalis*) is protected throughout the state. Tree removal is not anticipated and therefore, potential impacts to the bat is not anticipated. If tree removal is required, a time of year restriction can be implemented to avoid impacts to the species and/or their habitat. A field investigation to confirm the presence or absence of rare plant species is recommended. If impacts to rare species cannot be avoided, potential mitigation and an Incidental Take Permit would be required.

FEDERAL:

USACE Section 404 – A Clean Water Act Section 404 permit is required for work within a water of the United States. Field verification is recommended to confirm no USACE or VTDEC-jurisdictional wetlands are present.

Section 10 Permit – A Rivers and Harbors Act Section 10 permit is required for work in or over navigable waters of the United States. The proposed work does not appear to impact the stream channel itself; therefore a Section 10 permit is not anticipated.

FEMA Floodplain – FEMA Flood Map digital data is not available for the project area. The VT DEC regulates flood hazard areas for larger projects requiring an Act 250 land use permit and activities exempt from municipal regulation. Some activities, such as the repair, maintenance, or reconstruction of utilities, do not require permit coverage. Additional coordination with the VT DEC Regional Floodplain Manager will be required to determine permit applicability once a preferred alternative is chosen and design has progressed.

FERC – A FERC License amendment would likely be required for the proposed alternatives. Further review and agency coordination is recommended.

RTE - The US Fish & Wildlife (USFWS) Information for Planning and Consultation (IPaC) identified the following species as being potentially affected by activities in the project area: federally threatened Canada lynx (*Lynx Canadensis*) and northern long-eared bat, and candidate species monarch butterfly (*Danaus plexippus*) (see attached IPaC Resource List). The USFWS has proposed to reclassify the northern long-eared bat as endangered which would likely provide additional minimization and protective measures. The USFWS IPaC did not identify any critical habitat within or in the vicinity of the project area. Tree removal is not anticipated and therefore, potential impacts to the bat or their habitat is not anticipated. If tree removal is required, a time of year restriction can be implemented to avoid impacts to the species and/or their habitat. Impacts to the Canada lynx or their habitat is not anticipated. Based on existing information, further consultation with the USFWS is not anticipated.

NEPA – National Environmental Policy Act (NEPA) review is often required for FERC License amendments. The proposed alternatives may be considered categorically excluded activities based on minimal environmental impacts. However, further review and agency coordination is recommended to concur with this preliminary determination.

LOCAL:

Floodplain – The Town of Charleston does not have a flood hazard ordinance and therefore the VT DEC regulates flood hazard areas when applicable. FEMA Flood Map digital data is not available for the project area. Additional coordination with the VT DEC Regional Floodplain Manager will be required to determine permit applicability once a preferred alternative is chosen and design has progressed.



- LEGEND**
- Vernal Pools Confirmed – AE/VCE
 - Vernal Pools Unconfirmed – AE/VCE
 - 303(d) List of Impaired Streams and Rivers
 - Priority Waters List (Streams and Rivers)**
 - Part B (impaired TMDL not required)
 - Part D (impaired with approved TMDL)
 - Part E (altered exotic species)
 - Part F (altered flow regulation)

NOTES

Map created using ANR GIS mapping technology.

1: 6,916

June 8, 2022



IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

Location

Orleans County, Vermont



Local office

New England Ecological Services Field Office

☎ (603) 223-2541

📠 (603) 223-0104

70 Commercial Street, Suite 300

Concord, NH 03301-5094

NOT FOR CONSULTATION

Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Draw the project location and click CONTINUE.
2. Click DEFINE PROJECT.
3. Log in (if directed to do so).
4. Provide a name and description for your project.
5. Click REQUEST SPECIES LIST.

Listed species¹ and their critical habitats are managed by the [Ecological Services Program](#) of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries²).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact [NOAA Fisheries](#) for [species under their jurisdiction](#).

-
1. Species listed under the [Endangered Species Act](#) are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the [listing status page](#) for more information. IPaC only shows species that are regulated by USFWS (see FAQ).

2. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

Mammals

NAME	STATUS
Canada Lynx <i>Lynx canadensis</i> There is final critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/3652	Threatened
Northern Long-eared Bat <i>Myotis septentrionalis</i> Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/9045	Threatened

Insects

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/9743	Candidate

Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

There are no critical habitats at this location.

Migratory birds

Certain birds are protected under the Migratory Bird Treaty Act¹ and the Bald and Golden Eagle Protection Act².

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described [below](#).

1. The [Migratory Birds Treaty Act](#) of 1918.
2. The [Bald and Golden Eagle Protection Act](#) of 1940.

Additional information can be found using the following links:

- Birds of Conservation Concern <https://www.fws.gov/program/migratory-birds/species>
- Measures for avoiding and minimizing impacts to birds
<https://www.fws.gov/library/collections/avoiding-and-minimizing-incident-take-migratory-birds>
- Nationwide conservation measures for birds
<https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf>

The birds listed below are birds of particular concern either because they occur on the [USFWS Birds of Conservation Concern \(BCC\)](#) list or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ [below](#). This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the [E-bird data mapping tool](#) (Tip: enter your location, desired date range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found [below](#).

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON
<p>Bald Eagle <i>Haliaeetus leucocephalus</i></p> <p>This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.</p> <p>https://ecos.fws.gov/ecp/species/1626</p>	Breeds Dec 1 to Aug 31

Black-billed Cuckoo *Coccyzus erythrophthalmus* Breeds May 15 to Oct 10

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

<https://ecos.fws.gov/ecp/species/9399>

Bobolink *Dolichonyx oryzivorus* Breeds May 20 to Jul 31

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Canada Warbler *Cardellina canadensis* Breeds May 20 to Aug 10

This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Probability of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read and understand the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is $0.25/0.25 = 1$; at week 20 it is $0.05/0.25 = 0.2$.

3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

Breeding Season (■)

Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort (|)

Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

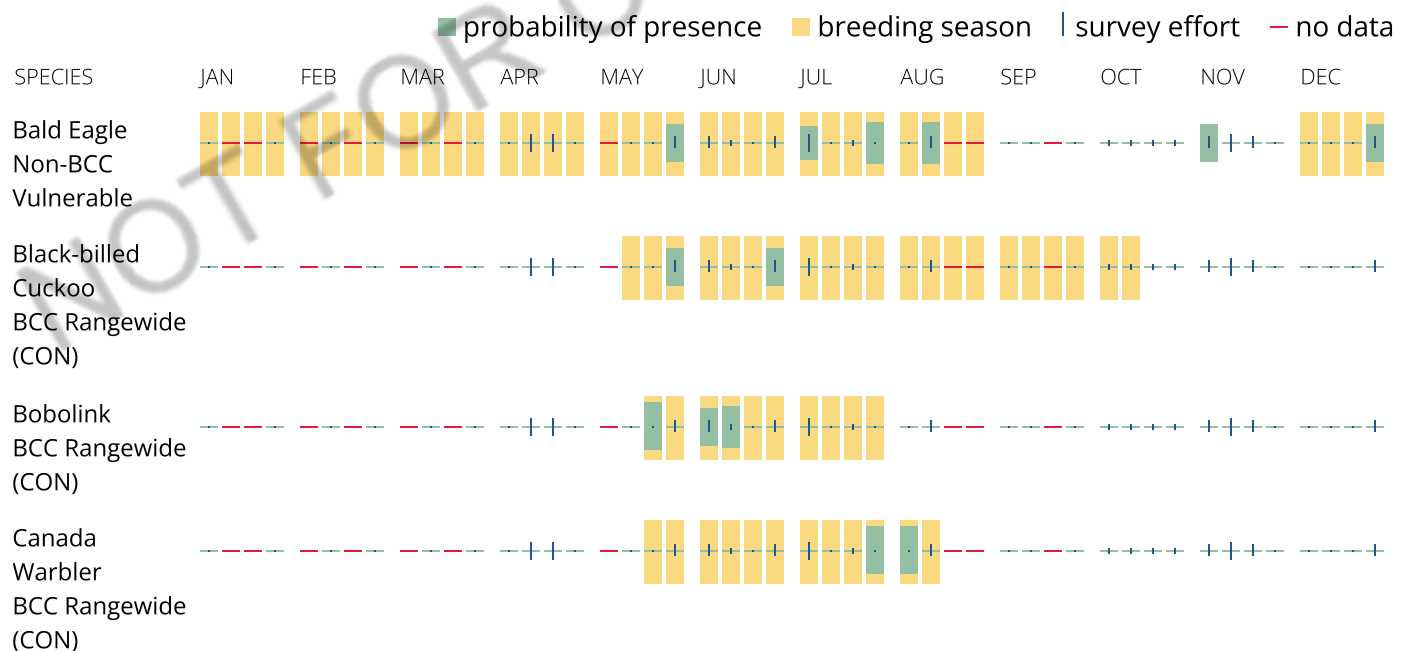
To see a bar's survey effort range, simply hover your mouse cursor over the bar.

No Data (-)

A week is marked as having no data if there were no survey events for that week.

Survey Timeframe

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.



Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

[Nationwide Conservation Measures](#) describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. [Additional measures](#) or [permits](#) may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the list of migratory birds that potentially occur in my specified location?

The Migratory Bird Resource List is comprised of USFWS [Birds of Conservation Concern \(BCC\)](#) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the [Avian Knowledge Network \(AKN\)](#). The AKN data is based on a growing collection of [survey, banding, and citizen science datasets](#) and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle ([Eagle Act](#) requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the [Rapid Avian Information Locator \(RAIL\) Tool](#).

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the [Avian Knowledge Network \(AKN\)](#). This data is derived from a growing collection of [survey, banding, and citizen science datasets](#).

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may query your location using the [RAIL Tool](#) and look at the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are [Birds of Conservation Concern](#) (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin

Islands);

2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the [Eagle Act](#) requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the [Northeast Ocean Data Portal](#). The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the [NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf](#) project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the [Diving Bird Study](#) and the [nanotag studies](#) or contact [Caleb Spiegel](#) or [Pam Loring](#).

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to [obtain a permit](#) to avoid violating the Eagle Act should such impacts occur.

Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no data" indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn

more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

Coastal Barrier Resources System

Projects within the [John H. Chafee Coastal Barrier Resources System](#) (CBRS) may be subject to the restrictions on federal expenditures and financial assistance and the consultation requirements of the Coastal Barrier Resources Act (CBRA) (16 U.S.C. 3501 et seq.). For more information, please contact the local [Ecological Services Field Office](#) or visit the [CBRA Consultations website](#). The CBRA website provides tools such as a flow chart to help determine whether consultation is required and a template to facilitate the consultation process.

There are no known coastal barriers at this location.

Data limitations

The CBRS boundaries used in IPaC are representations of the controlling boundaries, which are depicted on the [official CBRS maps](#). The boundaries depicted in this layer are not to be considered authoritative for in/out determinations close to a CBRS boundary (i.e., within the "CBRS Buffer Zone" that appears as a hatched area on either side of the boundary). For projects that are very close to a CBRS boundary but do not clearly intersect a unit, you may contact the Service for an official determination by following the instructions here: <https://www.fws.gov/service/coastal-barrier-resources-system-property-documentation>

Data exclusions

CBRS units extend seaward out to either the 20- or 30-foot bathymetric contour (depending on the location of the unit). The true seaward extent of the units is not shown in the CBRS data, therefore projects in the offshore areas of units (e.g., dredging, breakwaters, offshore wind energy or oil and gas projects) may be subject to CBRA even if they do not intersect the CBRS data. For additional information, please contact CBRA@fws.gov.

Facilities

National Wildlife Refuge lands

Any activity proposed on lands managed by the [National Wildlife Refuge](#) system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

There are no refuge lands at this location.

Fish hatcheries

There are no fish hatcheries at this location.

Wetlands in the National Wetlands Inventory (NWI)

Impacts to [NWI wetlands](#) and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local [U.S. Army Corps of Engineers District](#).

Wetland information is not available at this time

This can happen when the National Wetlands Inventory (NWI) map service is unavailable, or for very large projects that intersect many wetland areas. Try again, or visit the [NWI map](#) to view wetlands at this location.

Data limitations

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

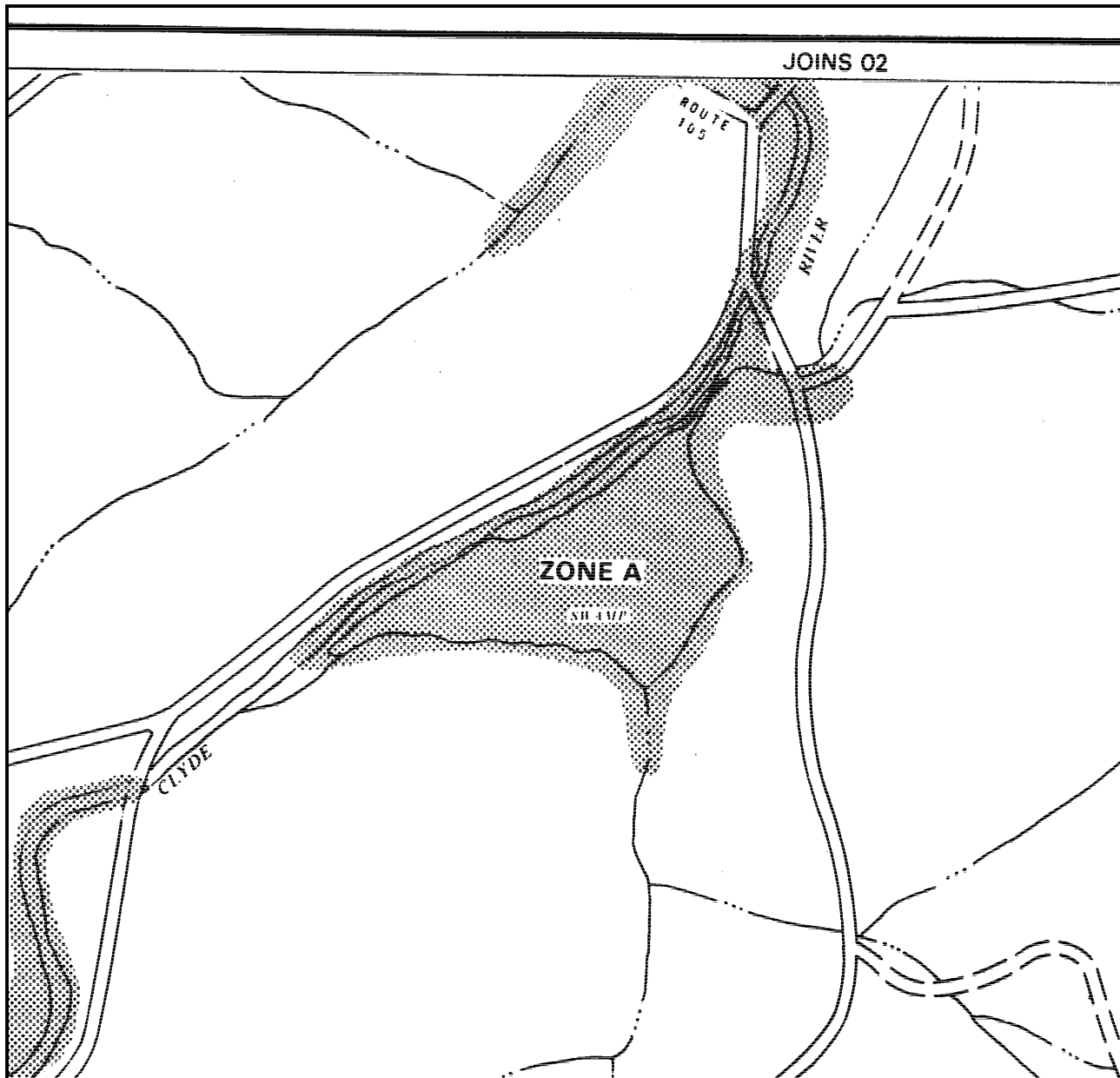
Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

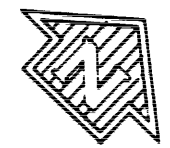
Data precautions

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

NOT FOR CONSULTATION



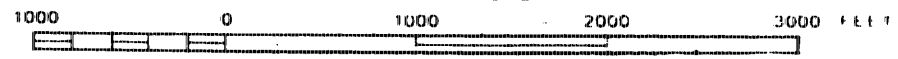
JOINS 02



This is an official FIRMette showing a portion of the above-referenced flood map created from the MSC FIRMette Web tool. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For additional information about how to make sure the map is current, please see the Flood Hazard Mapping Updates Overview Fact Sheet available on the FEMA Flood Map Service Center home page at <https://msc.fema.gov>.

DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
Federal Insurance Administration

APPROXIMATE SCALE



04

TOWN OF CHARLESTON, VT
(ORLEANS CO.)

FLOOD HAZARD BOUNDARY MAP

MAP REVISED
11/19/76



LEGEND

Rare Threatened Endangered Species

- Threatened or Endangered
- Rare

Significant Natural Community

- Significant Natural Community

Uncommon Species and Other Features

- Animal
- Plant
- Natural Community

NOTES

Map created using ANR GIS mapping technology.

1: 6,916
June 8, 2022



WGS_1984_Web_Mercator_Auxiliary_Sphere
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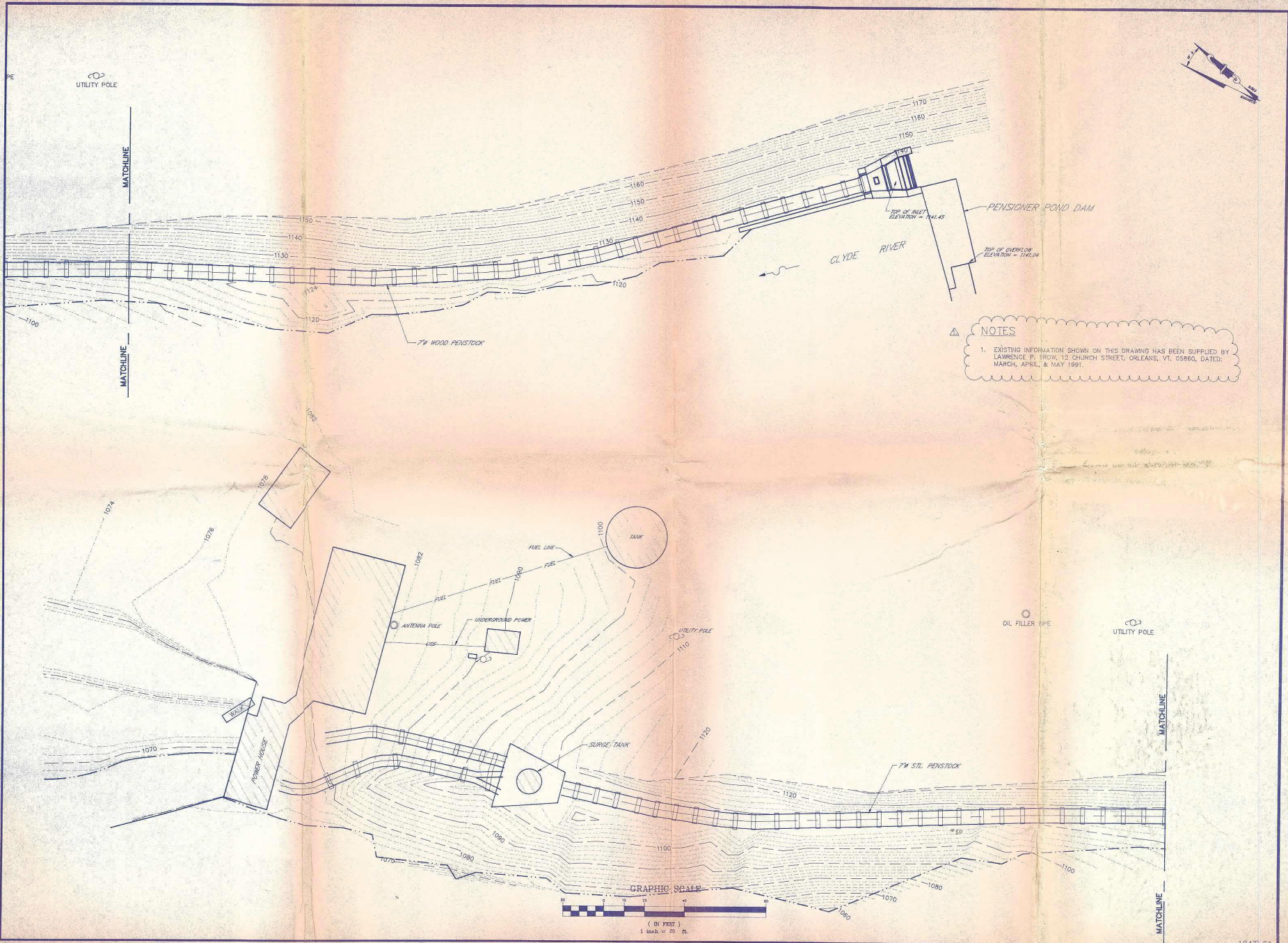
1" = 576 Ft. 1cm = 69 Meters
THIS MAP IS NOT TO BE USED FOR NAVIGATION

DISCLAIMER: This map is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. ANR and the State of Vermont make no representations of any kind, including but not limited to, the warranties of merchantability, or fitness for a particular use, nor are any such warranties to be implied with respect to the data on this map.

APPENDIX E

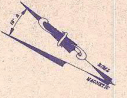
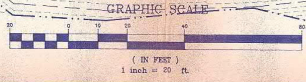
RECORD DRAWINGS

BARTON VILLAGE HYDROELECTRIC PROJECT UNIT NO.2 PENSTOCK REPAIR ALTERNATIVES



NOTES

1. EXISTING INFORMATION SHOWN ON THIS DRAWING HAS BEEN SUPPLIED BY LAWRENCE R. BROWN, 12 CHURCH STREET, ORLEANS, VT. 05860, DATED: MARCH, APRIL, & MAY 1991.



THE H.L. TURNER GROUP Inc.
 10 LAUDSON ROAD, CONCORD NH 03301
 ARCHITECTS • CONSTRUCTION MANAGERS
 ENGINEERS • ENVIRONMENTAL CONSULTANTS
 CONCORD NH HARRISBURG ME MONPELIER VT



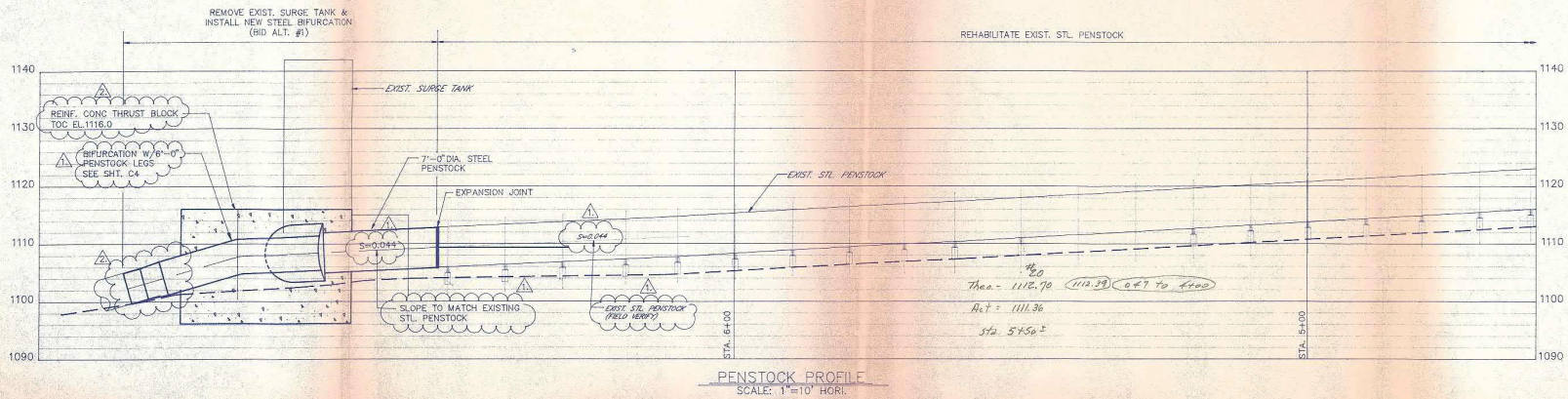
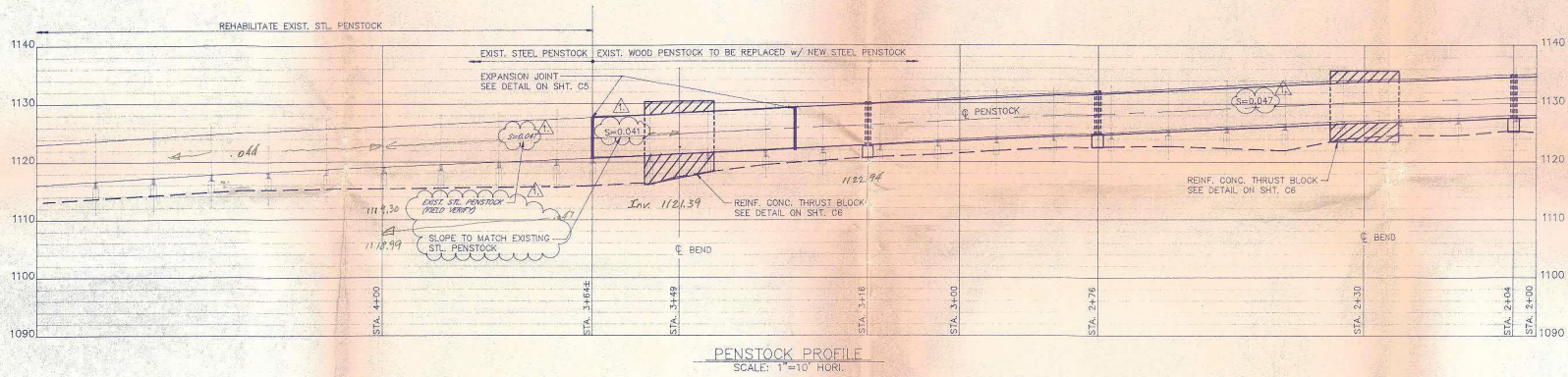
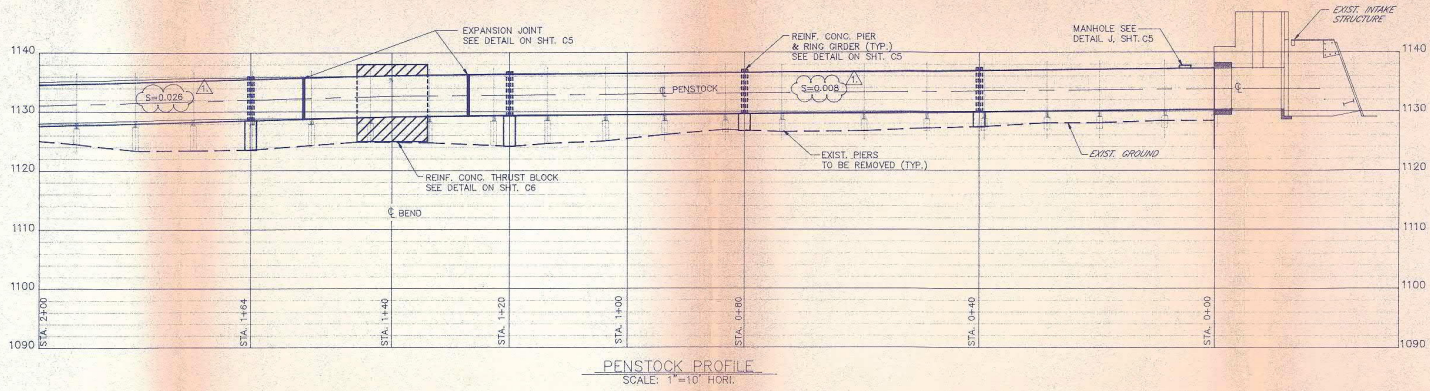
Project: 1043
 Scale: 1" = 20'
 Date: 5/10/91
 Drawn by: JMM
 Check by: HT
 Date: 5/10/91

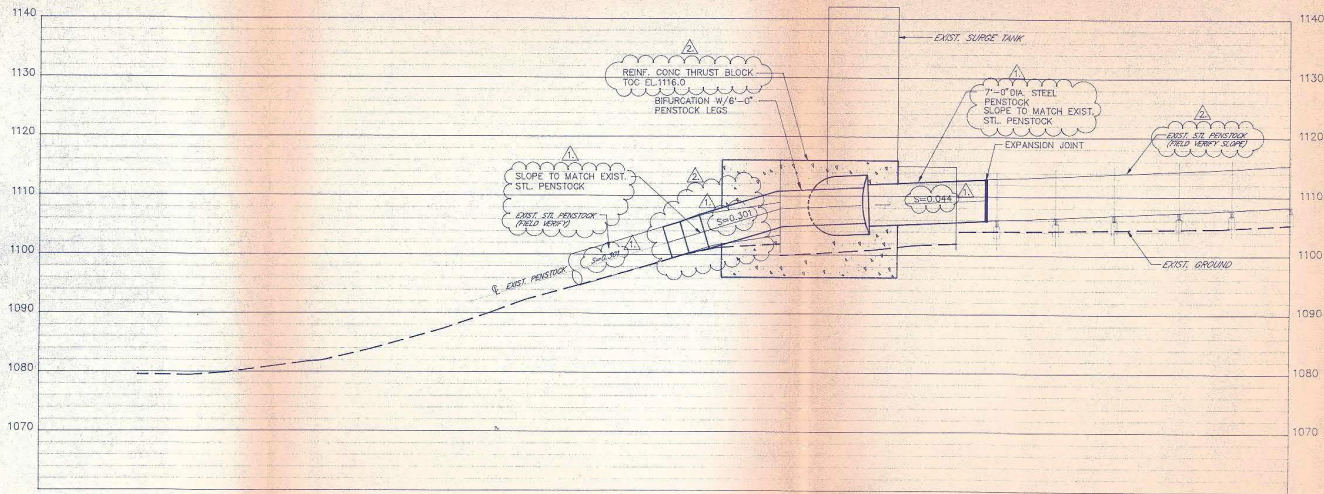
1789/91 ISSUED FOR CONSTRUCTION
 1789/91 REMOVE BY ALTA AND PENSTOCK BRIS
 1789/91 ISSUE FOR BRIS
 1789/91
 1789/91
 1789/91

EXISTING SITE PLAN
C1

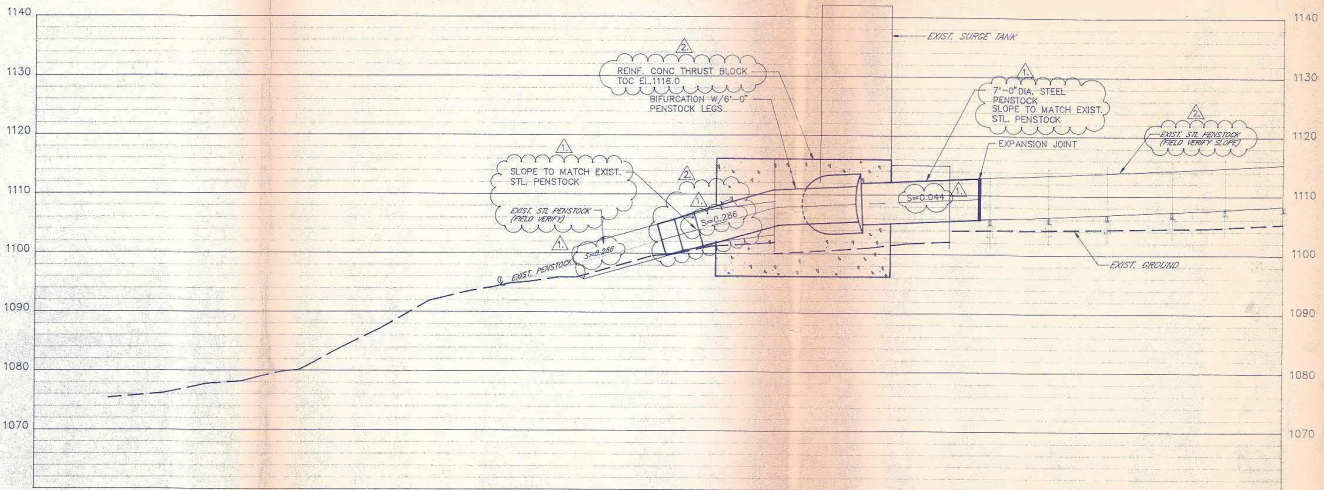
1043/C1

**BARTON VILLAGE
 HYDROELECTRIC PROJECT**
 WEST CHARLESTON, VERMONT





EAST PENSTOCK PROFILE
SCALE: 1"=10'



WEST PENSTOCK PROFILE
SCALE: 1"=10'

THE H.L. TURNER GROUP Inc.
6 LOTSDON ROAD, CONCORD NH 03301
ARCHITECTS • CONSTRUCTION MANAGERS
ENGINEERS • ENVIRONMENTAL CONSULTANTS
CONCORD NH HARRISON ME MONTPELIER VT

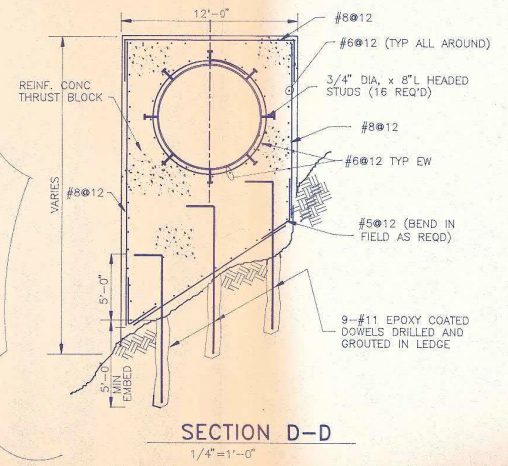
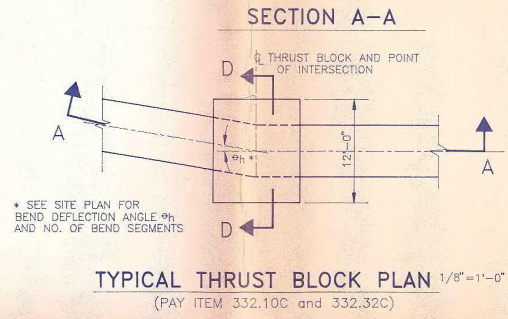
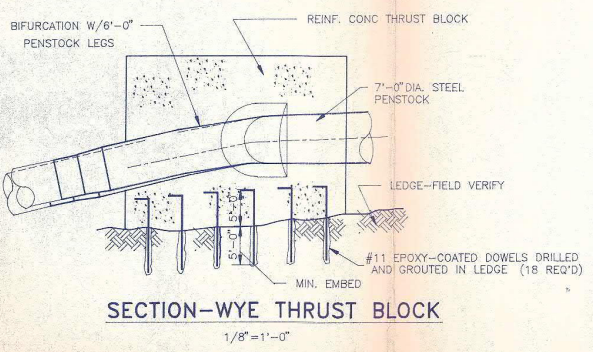
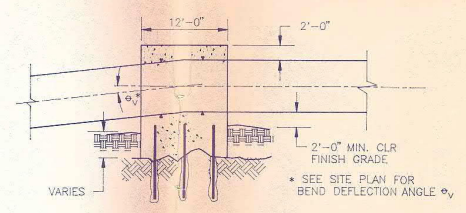
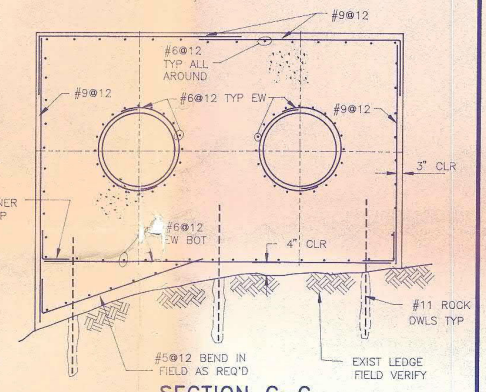
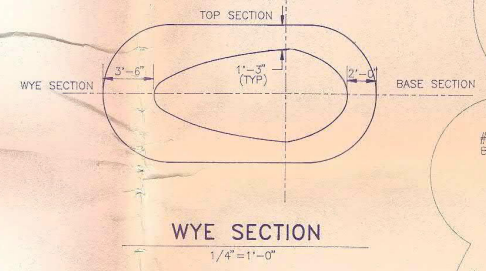
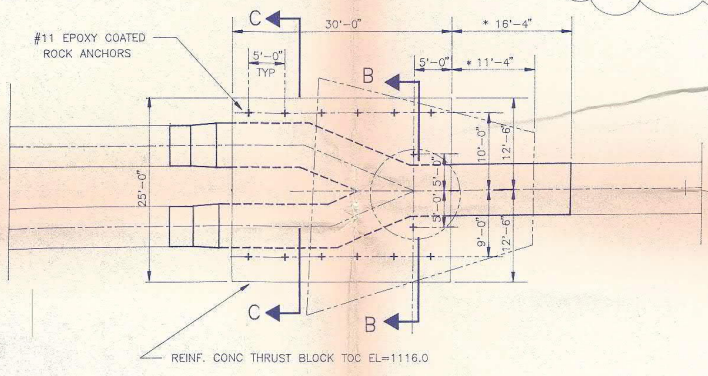
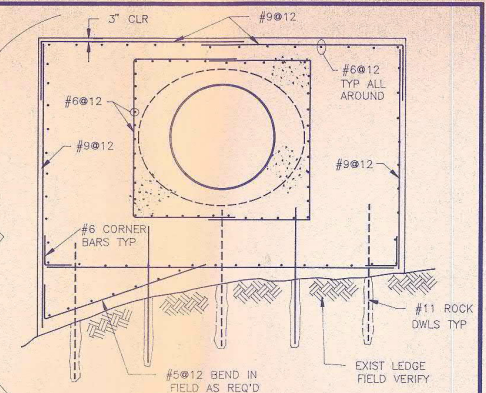
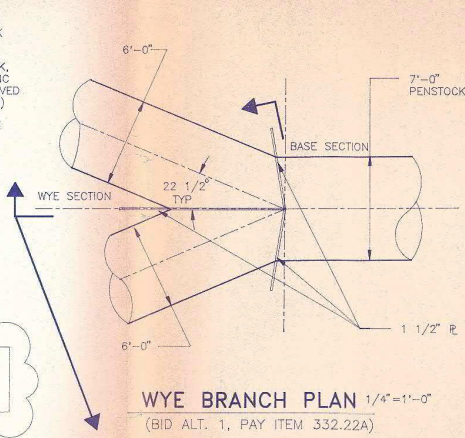
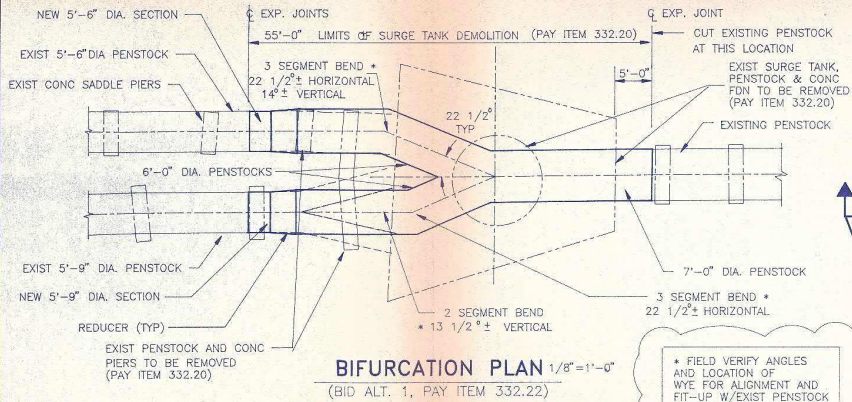
BARTON VILLAGE
HYDROELECTRIC PROJECT
WEST CHARLESTON, VERMONT

TURNER
GROUP

Project: 1043
Scale: 1"=10'
Drawn: P.M.M.
By: J.P. AGL
Check: R.G.B.
Date: 5/10/91

7/29/91 ISSUED FOR CONSTRUCTION
7/29/91 REMOVE BID ALTS. AND FOOTSTOCK SLOPES
7/29/91 ISSUED FOR BIDDING
REV. 1
REV. 2
REV. 3
PENSTOCK PROFILES

Sheet No. C4



**BARTON VILLAGE
 HYDROELECTRIC PROJECT**
 WEST CHARLESTON, VERMONT

THE H.L. TURNER GROUP Inc.
 6 LONDON ROAD, CONCORD NH 03301
 ARCHITECTS • CONSTRUCTION MANAGERS
 ENGINEERS • ENVIRONMENTAL CONSULTANTS

CONCRETE NH HARRISBURG ME MONTEPELIER VT

TURNER GROUP

Scale: 1043
 Issue AS SHOWN
 Date: 04/11/11
 Drawn By: LMM
 Date: 04/11/11
 Check By: DPM
 Date: 04/11/11
 Issue By: GJB
 Date: 04/11/11

SURGE TANK AND PENSTOCK DETAILS

1043/6

C6

Barton Village, Inc.
PO Box 519
Barton, Vermont 05822
(802) 525-4747

Memorandum

To: Barton Village Board of Trustees
From: Vera LaPorte
Date: April 22, 2024
Subject: Pageant Park Caretaker Agreement
Agenda: Agenda Item "H"

Business Manager Vera LaPorte and DPW Foreman Andrew Sicard interviewed two applicants for the Pageant Park Caretaker position for the 2024 season. It is their recommendation that the Board of Trustees hire Village residents Donald and Leona Farnsworth.

The contract is ready for signature.

Proposed Motion: Motion to hire Donald and Leona Farnsworth for the Pageant Park Caretaker position for the 2024 season.

PAGEANT PARK CARETAKER(S) SERVICES AGREEMENT 2024

This CARETAKER(S) SERVICES AGREEMENT ("the Agreement") is made this 22nd day of April, 2024, effective as of May 13, 2024, by an between Donald and Leona Farnsworth ("Caretaker"), and Barton Village, Inc., a municipal corporation existing under Vermont law ("Barton").

WHEREAS, Barton Village, Inc. desires to engage the Caretaker(s) to oversee the Pageant Park Operations, and the Caretaker(s) desires to provide such services as set forth herein;

NOW, THEREFORE, in consideration of the mutual covenants, agreements, representation, and warranties contained herein, and intending to be legally bound, the parties hereby agree as follows:

1. Caretaker(s) Responsibilities:

- Maintain gate admissions.
- Maintain schedule of campsite bookings.
- Enforce Park rules – Rules should be posted by the gate and provided to overnight campers.
- Maintain contact with Barton staff related to issues or questions regarding the maintenance and/or management of the Park.
- Contact Vermont State Police for violations other than Park rules (destruction of Park property, disturbances that Caretaker cannot control, etc.)
- Maintain bathhouse – Requires a thorough cleaning each morning, and periodic checks throughout the day to ensure cleanliness.
- Maintain beach area – Rake and clean as needed to maintain beach cleanliness (note: glass is a particular concern as it may work itself up to the surface).
- Clean ashes from grills daily.
- Pick up litter as needed to maintain Park cleanliness.
- Assist Barton employees with installation of water flags, tether ball, horseshoes, etc.
- Maintain records of any equipment loaned to campers.
- Caretaker(s) will be responsible for ensuring a responsible individual is on site to assume their duties in event of their absence.

2. Obligations of Barton:

- The DPW Foreman will oversee the overall running of the Park in conjunction with the Caretaker(s). Periodic visits should be made to assure that the Park continues to be run in a safe and attractive manner.

3. Service Fee:

- During the term of this contract Barton shall pay a fee in the amount of \$489.00 per week for the services provided by the Caretaker(s). It is agreed by both parties that should any changes in the above responsibilities be necessary, the service fee will be reviewed accordingly.

- The Caretaker(s) shall receive one free camping space.

4. Conditions:

- The Caretaker(s) Services Agreement is contingent upon a successful background check. Any person the Caretaker(s) may designate as a responsible individual to oversee Pageant Park in the Caretaker(s)' temporary absence must also submit to a background check and must be pre-approved by Barton.

5. Term of Agreement:

- The term of this Agreement shall commence upon the effective date of this agreement and shall expire on September 9, 2024. The Caretaker(s) can terminate this agreement upon a 45-day notice. Barton may terminate this agreement at any time with cause. The following is a non-exhaustive list of examples that may constitute cause for termination: non-completion of responsibilities, negligence or behavior that creates a safety risk for staff or visitors, insubordination, or any behavior within Pageant Park that reflects poorly on the image of Barton, etc.

6. Indemnification:

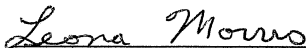
- The Caretaker(s) agrees to indemnify and hold harmless and defend Barton and its employees, officials, agents, and representatives from and against all claims and suits by third parties for damages, injuries to persons (including death), property damages, losses, and expenses including court costs and reasonable attorney's fees, arising out of, or resulting from, the Caretaker(s)' performance under this Agreement, including all such causes of action based upon common, constitutional, or statutory law, or based in whole or in part, upon allegations of negligent or intentional acts on the part of the Caretaker(s), its officers, employees, agents, subcontractors, licensees, or invitees.

7. Contractor Relationship:

- The parties to this Agreement are independent contractors. There is no relationship of partnership, joint venture, employment, franchise, or agency created hereby between the parties. Neither party will have the power to bind the other or incur obligations on the other party's behalf without the other party's prior written consent.



Caretaker – Donald Farnsworth



Caretaker – Leona Farnsworth

Barton Village Board of Trustees

Barton Village, Inc.
PO Box 519
Barton, Vermont 05822
(802) 525-4747

Memorandum

To: Barton Village Board of Trustees
From: Crystal Carrier
Date: April 22, 2024
Subject: Financial Reports-period ending 03/31/2024
Agenda: Agenda Item "I"

The unaudited financial reports for the period ending 03/31/2024 [with notes] are attached for your review.

Highlights:

Village:

Cash - \$76,393

Due from other Funds: \$303,189

Net Profit (Loss) to date: (\$35,405)

- Revenues – Minimal to date
- Expenses – 4% underbudget overall
 - Insurances – paid through Q2
 - Boiler/Machinery Ins- includes missed pmt from CY 2023
 - Outside Services – repairs to BMB hall bathrooms/septic

Highway:

Cash on Hand: (\$28,713)

Liabilities: Added Ally Municipal Lease \$14,549

Net Profit (loss) to date: **(\$106,719)**

- Revenues: Minimal to date
- Expenses: 2% underbudget overall
 - Garage Fuel/WS budgeted under "village"
 - Insurances paid through Q2
 - Additional of endorsement for new truck
 - 2nd Installment for Winter Maintenance to Barton Paid

Electric:

Cash on Hand: **(\$147,219)**

Significant amount of Customer advances on hand due to NEK/Comcast Make-Ready work [\$432k]

LTD to total Assets Ratio: 46.9%

Net Profit: \$24,698 (unadjusted)

Estimate Net Profit (Loss) as Adjusted: (\$261,437)

- Revenues:
 - Sales: Slightly underbudget
 - Misc Revenues: includes sale of scrap metal; VERT reimbursement
- Expenses: 6% underbudget overall (unadjusted)
 - Gross Revenue Tax – annual exp paid
 - VPPSA Expenses for March pending – Power settlement, operations, fees
 - Labor for outages – overbudget
 - Customer Jobs- NEK/Comcast work – primarily tree trimming related
 - Insurances – paid through Q2

Water:

Cash on Hand: \$36,151

LTD to total Assets Ratio: 22.9%

Net Profit (loss) to date: (\$25,302)

- Revenues: Water sales underbudget [rate increase not implemented]
- Expenses overall – 9% underbudget
 - Labor – overbudget by approx. 52% or \$7K
 - Outside Services – Repairs at facility
 - Insurances paid through Q2

Wastewater:

Cash on Hand (\$163,408)

LTD to total Assets Ratio: 12.9%

Net Profit (loss) to date: (\$30,422)

- Revenues: Wastewater sales underbudget [rate increase not implemented]
 - Segregated Glover revenue from general user fees for clarity
- Expenses overall 35% or \$57K underbudget
 - Training costs overbudget
 - Computer expense – new PC
 - Insurances paid through Q2

Proposed Motion:

Motion to accept the unaudited financial reports for the period ending 03/31/2024 as presented.

VILLAGE			
Balance Sheet			
For Period Ending:		March 31, 2024	
Account	Description	Balance	Notes
12-1-00-012.000	General Checking	\$ 76,392.80	
12-1-00-012.050	Due to / From (CASH)	\$ 303,188.73	
12-1-00-107.000	CWIP	\$ -	
12-1-00-107.050	CWIP- Del. Tax Property	\$ -	
12-1-00-108.000	Accumulated Depreciation	\$ (398,420.07)	
12-1-00-128.000	Deferred Outflows-Pension	\$ 9,911.00	
12-1-00-130.120	Community / Backhoe	\$ -	
12-1-00-130.130	Community / Capital Reser	\$ 225,141.43	
12-1-00-141.140	Notes Rec-WW/Village	\$ -	
12-1-00-142.400	Other A/R	\$ -	
12-1-00-143.100	Other Accounts Receivable	\$ -	
12-1-00-143.200	Taxes/User Fee Receivable	\$ 3,267.39	
12-1-00-143.250	Taxes/User Fee Interest Receivable	\$ -	
12-1-00-165.100	Prepaid Expenses	\$ -	
12-1-00-165.200	Prepaid Insurance	\$ -	
12-1-00-373.000	Dist. Street Lights	\$ -	
12-1-00-389.000	Land	\$ 149,989.93	
12-1-00-390.000	General Structures and Equip	\$ 885,611.41	
12-1-00-391.000	Office Furniture and Equip	\$ -	
12-1-00-392.000	Transportation Equipment	\$ 19,572.87	
12-1-15-130.310	Passumpsic/ FD/Engine House Blg	\$ 41,376.43	
12-1-23-390.000	General Structures and Equip-CG	\$ 16,640.40	
Total Assets		\$ 1,332,672.32	
12-2-00-221.130	VT Municipal LN/2015 Ford	\$ -	
12-2-00-228.000	Deferred Inflows-Pension	\$ 37,642.00	
12-2-00-231.220	CNB / Revenue Anticipatio	\$ -	
12-2-00-231.600	People's / 09 Garage Loan	\$ -	
12-2-00-231.700	VEDA / Bridge 20 and 58	\$ -	
12-2-00-232.100	Accounts Payables	\$ 219,297.89	
12-2-00-232.300	Accounts Payables-Tax Collector	\$ -	
12-2-00-233.000	Net Pension Liability	\$ 12,807.00	
12-2-00-242.000	Accrued Payroll	\$ -	
12-2-00-242.300	Accrued Sick Time	\$ 402.10	
12-2-00-242.350	Accrued Vacation	\$ 256.40	
12-2-00-242.400	Federal Withholding Tax	\$ (53.83)	
12-2-00-242.410	VT State Withholding Tax	\$ 1,431.16	<i>Pmt pending in Apr</i>
12-2-00-242.420	FICA/MEDI Withholding Tax	\$ (49.46)	
12-2-00-242.430	Municipal Retirement With	\$ 4,982.16	<i>Pmt pending in Apr</i>
12-2-00-242.440	Health Insurance Withhold	\$ (0.46)	
12-2-00-242.450	Union Dues Withholding	\$ 291.20	<i>Pmt pending in Apr</i>
12-2-00-242.460	Child Support Withholding	\$ 590.00	<i>Pmt pending in Apr</i>
12-2-00-242.470	Employee Savings Withhold	\$ -	
12-2-00-253.100	Deferred Grant Funds	\$ -	
12-2-21-235.100	Key Deposits	\$ 100.00	
12-2-23-252.000	Community Garden	\$ 4,504.97	
12-2-31-235.100	Customer Deposits	\$ 12,655.00	
12-3-00-000.000	Fund Balance	\$ -	
12-3-00-215.000	Appropriated Earning	\$ 266,474.87	
12-3-00-216.000	Unappropriated Earnings	\$ 806,746.44	
		\$ 1,368,077.44	

VILLAGE			
Balance Sheet			
For Period Ending:		March 31, 2024	
Account	Description	Balance	Notes
Current Year Net Income (Loss)		\$ (35,405.12)	
Total Liabilities & Earnings		\$ 1,332,672.32	
Variance		\$ -	

VILLAGE					
Profit & Loss Statement					
For Period Ending:		March 31, 2024			
Account	Description	2024 Budget	2024 YTD	Actual as % of Budget	Notes
12-4-00-415.200	Service Bill Labor/Equipm	\$ -	\$ -	0%	
12-4-00-417.100	Taxes and User Fees	\$ 72,578.42	\$ -	0%	
12-4-00-417.110	PILOT	\$ -	\$ -	0%	
12-4-00-417.112	PILOT - Electric	\$ 13,125.00	\$ -	0%	
12-4-00-417.114	PILOT - StatePark/Dam/Riv	\$ 4,795.00	\$ -	0%	
12-4-00-417.120	Tax and User Fee Interest	\$ 750.00	\$ 31.36	4%	
12-4-00-417.140	Del Tax Collector Fees	\$ 550.00	\$ 84.47	15%	
12-4-00-417.200	Grant Funds	\$ -	\$ -	0%	
12-4-00-417.250	State Street Aid	\$ -	\$ -	0%	
12-4-00-419.100	Misc. Interest Income	\$ 250.00	\$ 56.33	23%	
12-4-00-419.400	Bond Interest	\$ -	\$ -	0%	
12-4-00-421.000	Misc. Income	\$ -	\$ -	0%	
12-4-00-421.200	Gain/Loss on Disposition of Plant	\$ -	\$ -	0%	
12-4-00-454.000	Rent Income	\$ -	\$ -	0%	
12-4-00-454.100	Rent-Vehicles-Electric	\$ -	\$ -	0%	
12-4-00-454.101	Rent-Vehicles-Water	\$ -	\$ -	0%	
12-4-00-454.102	Rent-Vehicles-Wastewater	\$ 11,000.00	\$ -	0%	
12-4-00-454.103	Rent-Vehicles-Highway	\$ -	\$ -	0%	
12-4-13-454.113	Garage Rent-Highway	\$ 21,612.00	\$ -	0%	
12-4-13-454.121	Garage Rent-Electric	\$ 20,664.00	\$ -	0%	
12-4-15-421.000	FD/Engine House Misc Income	\$ 1,980.00	\$ 495.00	25%	
12-4-21-421.000	Misc Income	\$ -	\$ -	0%	
12-4-21-454.121	BMB Rent-Electric	\$ 9,516.00	\$ -	0%	
12-4-21-454.123	BMB Rent- Water	\$ 1,512.00	\$ -	0%	
12-4-21-454.124	BMB Rent-Sewer	\$ 1,464.00	\$ -	0%	
12-4-21-454.200	BMB Rent- BASSI	\$ 3,000.00	\$ -	0%	
12-4-21-454.300	BMB Rent- Misc.	\$ 200.00	\$ 350.00	175%	
12-4-23-417.200	Grant Funds-Comm Garden	\$ 2,500.00	\$ -	0%	
12-4-31-421.000	P.Park Revenue	\$ 32,000.00	\$ -	0%	
12-4-41-421.000	Ballfield Revenue	\$ -	\$ -	0%	
12-4-51-421.000	Barton River Green Revenues	\$ -	\$ -	0%	
Total Revenues		\$ 197,496.42	\$ 1,017.16	1%	
12-6-00-403.000	Depreciation Expense	\$ 24,500.00	\$ -	0%	
12-6-00-408.200	Property Taxes	\$ -	\$ -	0%	
12-6-00-408.300	Water/Sewer User Fees	\$ -	\$ -	0%	
12-6-00-408.400	Delinquent Property Purch	\$ -	\$ -	0%	
12-6-00-426.000	Donations/Appropriations	\$ -	\$ -	0%	
12-6-00-431.100	Interest Expense	\$ -	\$ -	0%	
12-6-00-431.200	Finance Charges and Fees	\$ 250.00	\$ -	0%	
12-6-00-596.000	Dist Maint-Str Light Usag	\$ 8,500.00	\$ 1,437.66	17%	
12-6-00-700.100	Village DPW Labor	\$ -	\$ -	0%	
12-6-00-906.100	Newspaper Ads	\$ 500.00	\$ -	0%	
12-6-00-920.100	Office Salaries	\$ 11,249.59	\$ 2,592.48	23%	
12-6-00-920.150	Employee Training	\$ 100.00	\$ -	0%	
12-6-00-920.200	Elected Official	\$ 900.00	\$ 613.82	68%	Annual
12-6-00-920.250	Tax Collector Fees	\$ 1,150.00	\$ 84.47	7%	
12-6-00-921.100	Supplies	\$ 2,303.65	\$ 395.12	17%	
12-6-00-921.150	Village Reports	\$ 50.00	\$ -	0%	
12-6-00-921.200	Computer Expense	\$ 580.00	\$ 64.07	11%	
12-6-00-921.500	Permits Licenses and Dues	\$ 75.00	\$ -	0%	
12-6-00-923.100	Outside Services	\$ 1,250.00	\$ 100.00	8%	
12-6-00-923.200	Legal Services	\$ 1,500.00	\$ (262.35)	-17%	

VILLAGE					
Profit & Loss Statement					
For Period Ending:		March 31, 2024			
Account	Description	2024 Budget	2024 YTD	Actual as % of Budget	Notes
12-6-00-923.360	VPPSA Management	\$ 5,500.00	\$ 1,079.75	20%	<i>1 months pending</i>
12-6-00-923.400	Audit Services	\$ 1,000.00	\$ -	0%	
12-6-00-924.100	Property Insurance	\$ -	\$ -	0%	
12-6-00-924.150	Boiler/Machinery Insuranc	\$ 6,891.86	\$ 3,362.19	49%	<i>includes missed pmt for CY2023</i>
12-6-00-924.200	Public Official Insurance	\$ 142.20	\$ 71.10	50%	<i>1st qtr paid</i>
12-6-00-924.300	Liability Insurance	\$ 87.32	\$ 43.66	50%	<i>1st qtr paid</i>
12-6-00-924.400	Bond Insurance	\$ -	\$ -	0%	
12-6-00-924.500	Vehicle Insurance	\$ 703.77	\$ 351.88	50%	<i>1st qtr paid</i>
12-6-00-924.600	Unemployment Insurance	\$ 204.16	\$ 102.10	50%	<i>1st qtr paid</i>
12-6-00-924.700	Workers Comp Insurance	\$ 1,219.00	\$ 609.50	50%	<i>1st qtr paid</i>
12-6-00-926.100	FICA/MEDI	\$ 1,425.78	\$ 3,375.05	237%	
12-6-00-926.200	Health Insurance	\$ 4,512.76	\$ 381.28	8%	
12-6-00-926.300	Municipal Retirement	\$ 1,258.04	\$ 2,281.50	181%	
12-6-00-926.400	Compensated Absences	\$ 3,433.77	\$ 302.50	9%	
12-6-00-926.410	Employee Benefits-Clothing	\$ -	\$ -	0%	
12-6-00-930.000	Misc. Expense	\$ -	\$ 0.07	0%	
12-6-00-930.100	Misc. Expense-Storm Related	\$ -	\$ -	0%	
12-6-00-930.500	Transfer to Other Funds	\$ -	\$ -	0%	
12-6-00-933.200	Transportation Mileage	\$ -	\$ -	0%	
12-6-00-933.400	Truck Maintenance	\$ 1,500.00	\$ 187.25	12%	
12-6-00-933.500	Truck Fuel	\$ 1,800.00	\$ -	0%	
12-6-13-710.400	Garage Supplies	\$ 2,824.00	\$ 30.00	1%	
12-6-13-921.400	Garage - Electric	\$ -	\$ -	0%	
12-6-13-921.420	Garage Utilities/Misc	\$ -	\$ -	0%	
12-6-13-921.440	Garage - Heating Fuel	\$ 3,500.00	\$ -	0%	
12-6-13-921.460	Utilities - Water/Sewer	\$ 604.00	\$ 462.00	76%	
12-6-13-923.100	Outside Services	\$ 150.00	\$ -	0%	
12-6-13-924.100	Property Insurance	\$ 299.73	\$ 149.86	50%	<i>1st/2nd qtrs paid</i>
12-6-15-408.300	FD/Engine Hs Wr/Swr User Fee	\$ -	\$ -	0%	
12-6-15-710.400	FD/Engine House Supplies	\$ 250.00	\$ -	0%	
12-6-15-921.100	F/Engine House-Office Supplies	\$ 100.00	\$ -	0%	
12-6-15-921.400	FD/Engine House-Electric	\$ -	\$ -	0%	
12-6-15-921.440	FD/Engine House-Fuel	\$ -	\$ -	0%	
12-6-15-921.460	FD/Engine House- Water/Sewer	\$ -	\$ -	0%	
12-6-15-923.100	FD/Engine House - Outside Services	\$ 2,500.00	\$ -	0%	
12-6-15-924.100	FD/Engine House-Property Insurance	\$ 479.20	\$ 239.60	50%	<i>1st/2nd qtrs paid</i>
12-6-15-924.150	FD/Engine House-Boiler Insurance	\$ -	\$ -	0%	
12-6-15-924.500	FD - Vehicle Insurance	\$ -	\$ -	0%	
12-6-21-408.300	BMB Water/Sewer Prop Tax	\$ 1,900.00	\$ -	0%	
12-6-21-700.100	DPW Labor	\$ 637.00	\$ 228.28	36%	
12-6-21-920.300	Other Labor - BMB	\$ -	\$ -	0%	
12-6-21-921.100	Supplies	\$ 8,500.00	\$ 2,013.50	24%	
12-6-21-921.400	Utilities - Electric	\$ 3,900.00	\$ 686.36	18%	
12-6-21-921.420	Utilities - Phone	\$ 5,500.00	\$ 1,296.02	24%	
12-6-21-921.440	Utilities - Fuel	\$ 13,000.00	\$ 6,227.83	48%	
12-6-21-921.460	Utilities - Water/Sewer	\$ 1,800.00	\$ 252.00	14%	
12-6-21-923.100	Outside Services	\$ 3,000.00	\$ 1,674.24	56%	<i>BMB bathroom repairs</i>
12-6-21-923.110	Lawn Care	\$ 396.30	\$ -	0%	
12-6-21-923.200	BMB Legal	\$ 250.00	\$ -	0%	
12-6-21-924.100	Property Insurance	\$ 7,557.04	\$ 3,778.52	50%	<i>1st/2nd qtrs paid</i>
12-6-21-924.700	Workers Comp Insurance	\$ -	\$ -	0%	
12-6-21-930.000	Misc. Expense	\$ -	\$ -	0%	
12-6-22-700.100	Village Common Labor	\$ 228.67	\$ -	0%	
12-6-22-921.400	Village Common- Electric	\$ 250.00	\$ 127.28	51%	

VILLAGE					
Profit & Loss Statement					
For Period Ending:		March 31, 2024			
Account	Description	2024 Budget	2024 YTD	Actual as % of Budget	Notes
12-6-22-921.460	Utilities- Water/Sewer	\$ 100.00	\$ -	0%	
12-6-22-923.110	Lawn Care	\$ 509.53	\$ -	0%	
12-6-23-930.000	Misc Expense-CG	\$ 2,500.00	\$ -	0%	
12-6-31-408.300	P.Park Water/Sewer Prop Tax	\$ 1,100.00	\$ -	0%	
12-6-31-700.100	DPW Labor	\$ 2,888.63	\$ -	0%	
12-6-31-710.400	Misc. Supplies	\$ 3,500.00	\$ -	0%	
12-6-31-920.300	Caretaker Labor	\$ 7,400.00	\$ -	0%	
12-6-31-921.400	Utilities - Electric	\$ 2,500.00	\$ 75.00	3%	
12-6-31-921.420	Utilities - Phone	\$ 2,500.00	\$ 1,313.33	53%	
12-6-31-921.460	Utilities - Water/Sewer	\$ 1,500.00	\$ 378.00	25%	
12-6-31-923.100	Outside Services-Pageant Park	\$ 1,500.00	\$ -	0%	
12-6-31-923.110	Lawn Care	\$ 1,698.43	\$ -	0%	
12-6-31-924.100	Property Insurance	\$ 221.38	\$ 110.70	50%	1st/2nd qtrs paid
12-6-31-924.600	Unemployment Insurance	\$ 204.16	\$ -	0%	
12-6-31-924.700	Workers Comp Insurance	\$ -	\$ -	0%	
12-6-31-926.100	P.Park FICA/MEDI	\$ -	\$ -	0%	
12-6-31-930.000	Misc. Expense	\$ 5,000.00	\$ -	0%	
12-6-41-408.300	Ballfield Water/Sewer Use	\$ 65.00	\$ -	0%	
12-6-41-700.100	DPW Labor	\$ 200.00	\$ -	0%	
12-6-41-921.400	Utilities - Electric	\$ 325.00	\$ 24.46	8%	
12-6-41-921.460	Utilities - Water/Sewer	\$ 500.00	\$ 126.00	25%	
12-6-41-923.110	Lawn Care	\$ 1,415.36	\$ -	0%	
12-6-41-924.100	Property Insurance	\$ 16.40	\$ 8.20	50%	1st/2nd qtrs paid
12-6-41-930.000	Misc. Expense	\$ -	\$ -	0%	
12-6-51-921.460	Utilities - Water/Sewer	\$ 200.00	\$ 48.00	24%	
12-6-51-923.110	Lawn Care	\$ 339.69	\$ -	0%	
12-6-51-924.100	Property Insurance	\$ -	\$ -	0%	
12-6-51-930.000	Misc. Expense	\$ -	\$ -	0%	
Total Expenses		\$ 176,396.42	\$ 36,422.28	21%	
Net Income (Loss)		\$ 21,100.00	\$ (35,405.12)	-168%	

HIGHWAY			
Balance Sheet			
For Period Ending:		March 31, 2024	
Account	Description	Balance	Notes
13-1-00-012.050	Due to / From (CASH)	\$ (28,712.62)	
13-1-00-107.000	CWIP	\$ 2,596.75	<i>CWIP-Salt Shed [permanent]</i>
13-1-00-108.000	Accumulated Depreciation	\$ (1,077,537.00)	
13-1-00-130.120	Backhoe Savings	\$ 10,001.78	
13-1-00-130.130	CNB/Capital Reserve	\$ 266,566.92	
13-1-00-143.100	Other A/R	\$ 763.00	
13-1-00-143.200	Taxes Receivable	\$ 17,655.91	
13-1-00-165.100	Prepaid Expenses	\$ -	
13-1-00-390.000	General Structures/Equip.	\$ 1,758,412.01	
13-1-00-392.000	Transportation Equipment	\$ 366,510.97	
Total Assets		\$ 1,316,257.72	
13-2-00-221.130	VT Municipal LN/2015 Ford	\$ -	
13-2-00-231.220	CNB/ Revenue Anticipation	\$ -	
13-2-00-231.230	Passumpsic-Wtr Street Paving	\$ 211,141.92	
13-2-00-231.235	Ally Municipal Lease	\$ 14,548.96	
13-2-00-231.700	VEDA/Bridge 20 and 58	\$ 71,158.89	
13-2-00-232.100	Accounts Payable	\$ -	
13-2-00-235.100	Customer Deposits	\$ -	
13-2-00-242.000	Accrued Payroll	\$ -	
13-2-00-242.300	Accrued Sick Time	\$ 14,745.72	
13-2-00-242.350	Accrued Vacation Time	\$ 3,953.38	
13-2-00-242.420	FICA/MEDI Withholding Tax	\$ -	
13-3-00-000.000	Fund Balance	\$ -	
13-3-00-215.000	Appropriated Earnings	\$ 326,532.14	
13-3-00-216.000	Unappropriated Earnings	\$ 780,895.50	
		\$ 1,422,976.51	
Current Year Net Income (Loss)		\$ (106,718.79)	
Total Liabilities & Earnings		\$ 1,316,257.72	
Variance		\$ -	

HIGHWAY					
Profit & Loss Statement					
For Period Ending: March 31, 2024					
Account	Description	2024 Budget	2024 YTD	Actual as % of Budget	Notes
13-4-00-415.200	Revenue-Labor & Equipment	\$ -	\$ 763.00	0%	
13-4-00-417.100	Taxes and User Fees	\$ 477,554.10	\$ -	0%	
13-4-00-417.120	Interest - Delinquent Tax Collections	\$ -	\$ 120.79	0%	
13-4-00-417.140	Delinquent Tax Collector Fees	\$ -	\$ 362.64	0%	
13-4-00-417.200	Grant Funds	\$ 264,049.00	\$ -	0%	
13-4-00-417.250	State Street Aid	\$ 41,484.00	\$ -	0%	
13-4-00-419.100	Interest Income	\$ 110.00	\$ 36.56	33%	
13-4-00-421.000	Misc. Income	\$ -	\$ 8.00	0%	
13-4-00-421.200	Loss on Disposition of Plant	\$ -	\$ -	0%	
13-4-00-421.500	Transfer From Other Funds	\$ -	\$ -	0%	
13-4-15-421.000	Transfer from Other Funds	\$ -	\$ -	0%	
Total Revenues		\$ 783,197.10	\$ 1,290.99	0%	
13-6-00-403.000	Depreciation Expense	\$ 83,000.00	\$ -	0%	
13-6-00-431.100	Interest Expense	\$ 11,829.18	\$ 5,859.94	50%	
13-6-00-431.200	Finance Charges and Fees	\$ 100.00	\$ -	0%	
13-6-00-580.200	Employee Training	\$ 300.00	\$ -	0%	
13-6-00-710.150	Road Signs	\$ 500.00	\$ 24.46	5%	
13-6-00-710.170	Sidewalk Expense	\$ -	\$ -	0%	
13-6-00-710.200	Bridges/Culverts/Roads/StormDam	\$ 1,000.00	\$ -	0%	
13-6-00-710.250	Guardrails/Fence	\$ -	\$ -	0%	
13-6-00-710.400	Garage Supplies	\$ 5,500.00	\$ 1,569.82	29%	
13-6-00-710.450	Highway Tools/Safety	\$ 2,000.00	\$ 123.97	6%	
13-6-00-906.100	Newspaper Ads	\$ 200.00	\$ -	0%	
13-6-00-920.100	Office Labor	\$ 11,249.59	\$ 2,699.52	24%	
13-6-00-920.115	Employee Training	\$ -	\$ -	0%	
13-6-00-920.150	Employee Training	\$ -	\$ -	0%	
13-6-00-920.200	Elected Official	\$ 900.00	\$ 613.82	68%	Annual
13-6-00-920.250	Tax Collector Fees	\$ 4,750.00	\$ 302.33	6%	
13-6-00-921.100	Supplies	\$ 2,303.65	\$ 396.22	17%	
13-6-00-921.150	Village Reports	\$ 50.00	\$ -	0%	
13-6-00-921.200	Computer Expense	\$ 870.00	\$ 64.07	7%	
13-6-00-921.300	Communication Expense	\$ 1,500.00	\$ 280.87	19%	
13-6-00-921.400	Utilities - Electric	\$ 2,220.00	\$ 355.07	16%	
13-6-00-921.420	Utilities - Phone/Internet	\$ 2,100.00	\$ 338.46	16%	
13-6-00-921.440	Utilities - Fuel	\$ -	\$ 1,980.86	0%	budgeted under "village"
13-6-00-922.60	Utilities - Water/Sewer	\$ -	\$ -	0%	budgeted under "village"
13-6-00-921.500	Permits	\$ 750.00	\$ -	0%	
13-6-00-923.100	Outside Services	\$ 1,500.00	\$ 250.00	17%	
13-6-00-923.200	Highway Legal	\$ 1,500.00	\$ 870.00	58%	
13-6-00-923.360	VPPSA Management	\$ 5,500.00	\$ 1,079.75	20%	
13-6-00-923.400	Audit	\$ 2,400.00	\$ -	0%	
13-6-00-924.100	Property Insurance	\$ 1,130.60	\$ 565.30	50%	1st/2nd qtrs paid
13-6-00-924.200	Public Official Insurance	\$ 142.20	\$ 71.10	50%	1st/2nd qtrs paid
13-6-00-924.300	Liability Insurance	\$ 2,076.31	\$ 1,038.16	50%	1st/2nd qtrs paid
13-6-00-924.400	Bond Insurance	\$ -	\$ -	0%	
13-6-00-924.500	Vehicle/Equip Insurance	\$ 2,943.69	\$ 2,109.84	72%	1st/2nd qtrs paid, new truck endorsement
13-6-00-924.600	Unemployment Insurance	\$ 2,199.69	\$ 549.76	25%	
13-6-00-924.700	Workers Comp Insurance	\$ 13,134.00	\$ 6,567.00	50%	1st/2nd qtrs paid
13-6-00-926.100	FICA/MEDI	\$ 9,817.20	\$ 1,995.92	20%	
13-6-00-926.200	Health Insurance	\$ 24,161.23	\$ 7,625.84	32%	
13-6-00-926.250	Health Insurance-Opt Out	\$ 5,491.59	\$ 1,541.98	28%	
13-6-00-926.300	VMERS	\$ 8,662.24	\$ 2,967.19	34%	
13-6-00-926.400	Compensated Absenses	\$ 21,897.35	\$ 2,384.32	11%	
13-6-00-926.410	Employee Benefits-Clothing	\$ -	\$ 265.00	0%	
13-6-00-931.100	Garage Rent	\$ 21,612.00	\$ -	0%	
13-6-00-931.400	Vehicle Rents	\$ -	\$ -	0%	
13-6-00-933.200	Mileage	\$ -	\$ -	0%	
13-6-00-933.300	Backhoe	\$ 1,500.00	\$ -	0%	
13-6-00-933.310	Skid Steer	\$ 2,500.00	\$ 42.09	2%	

HIGHWAY					
Profit & Loss Statement					
For Period Ending:		March 31, 2024			
13-6-00-933.400	Truck Maintenance	\$ 150.00	\$ 32.69	22%	
13-6-00-933.405	Truck 5	\$ 5,000.00	\$ 161.29	3%	
13-6-00-933.406	Truck 6	\$ 5,000.00	\$ 29.57	1%	
13-6-00-933.500	Fuel	\$ 6,500.00	\$ 1,205.50	19%	
13-6-11-700.100	DPW Labor-Winter	\$ 16,703.33	\$ 18,418.77	110%	
13-6-11-700.120	Pager On-Call	\$ 7,011.68	\$ 3,236.16	46%	
13-6-11-700.140	Stipend	\$ 3,360.00	\$ 2,520.00	75%	
13-6-11-700.200	Plowing Labor	\$ 35,850.00	\$ 6,435.62	18%	
13-6-11-710.100	Road Salt	\$ 13,000.00	\$ 8,401.92	65%	
13-6-11-710.110	Road Sand	\$ 1,500.00	\$ -	0%	
13-6-11-710.120	Road Paving	\$ 2,000.00	\$ 1,104.04	55%	
13-6-11-923.100	Winter Maintenance	\$ 19,525.57	\$ 19,525.57	100%	
13-6-11-930.000	Winter Misc.	\$ -	\$ -	0%	
13-6-12-700.100	DPW Labor-Summer	\$ 42,629.17	\$ -	0%	
13-6-12-700.120	Pager On-Call	\$ 7,011.68	\$ -	0%	
13-6-12-710.120	Road Paving	\$ 20,000.00	\$ -	0%	
13-6-12-710.130	Road Cleaning	\$ 3,500.00	\$ -	0%	
13-6-12-710.140	Road Marking	\$ 9,500.00	\$ -	0%	
13-6-12-710.160	Roadside/Trimming	\$ 3,500.00	\$ 5.99	0%	
13-6-12-710.200	Bridges/Culverts/Storm Drains	\$ 1,250.00	\$ 2,400.00	192%	
13-6-12-930.000	Summer Misc.	\$ -	\$ -	0%	
Total Expenses		\$ 462,281.95	\$ 108,009.78	23%	
Net Income (Loss)		\$ 320,915.15	\$ (106,718.79)	-33%	

ELECTRIC			
Balance Sheet			
For Period Ending: <i>March 31, 2024</i>			
Account	Description	Balance	Notes
21-1-00-012.000	Electric Checking	\$ -	
21-1-00-012.050	Due to / From (CASH)	\$ (147,218.87)	
21-1-00-012.100	Cash UB Clearing	\$ -	
21-1-00-012.101	Electric Cash Clearing	\$ (202.74)	
21-1-00-012.102	Water/Sewer Cash Clearing	\$ 402.67	
21-1-00-012.200	Cash in Office	\$ 575.00	
21-1-00-012.300	Petty Cash	\$ 100.00	
21-1-00-107.000	CWIP	\$ 27,751.07	<i>Hydro projects</i>
21-1-00-108.000	Accumulated Depreciation	\$ (6,826,831.43)	
21-1-00-128.000	Defered Outflows-Pension	\$ 10,494.00	
21-1-00-129.100	Investment Velco Stock	\$ 75,300.00	
21-1-00-129.110	Investment Transco LLC	\$ 3,350.00	
21-1-00-129.120	Investment VPPSA/Transco	\$ 1,229,968.68	
21-1-00-129.200	US Bank/Bond 4 Cont Resev	\$ 354,514.61	
21-1-00-129.210	US Bank/Interest A/C	\$ 16,711.86	
21-1-00-129.220	US Bank/1998 Bond Princip	\$ 50,767.85	
21-1-00-130.100	CNB/Vehicle Savings	\$ 1,017.64	
21-1-00-130.120	CNB / Backhoe	\$ 2,751.87	
21-1-00-130.200	TD Bank/Debt Retirement	\$ 6,061.05	
21-1-00-130.300	Community/Hydro Proj Hold	\$ 19,822.09	
21-1-00-130.500	CNB/Capital Reserve	\$ 6,417.15	
21-1-00-142.100	Accts Rec / Utility	\$ 479,377.29	
21-1-00-142.200	Accts Rec / Service Bills	\$ 110,027.76	
21-1-00-142.300	Unbilled Revenue	\$ -	
21-1-00-143.100	Other A/R	\$ 4,945.99	<i>\$2,786 = Comcast/VERT \$2,160</i>
21-1-00-143.210	Tax Collections-AR	\$ 8,603.36	
21-1-00-144.000	Allowance for Doubtful Ac	\$ (20,000.00)	
21-1-00-154.100	Inventory / Materials	\$ 208,218.76	
21-1-00-154.200	Transformer Inventory	\$ -	
21-1-00-165.100	Prepaid Expenses	\$ -	
21-1-00-165.200	Prepaid Insurance	\$ -	
21-1-00-331.000	Hydro Structures	\$ 68,157.99	
21-1-00-332.000	Reservoirs and Dams	\$ 1,209,553.28	
21-1-00-333.000	Hydro Equipment	\$ 1,139,287.20	
21-1-00-341.000	Diesel Structures	\$ -	
21-1-00-247.000	Asset Retirement Cost-Other Gen	\$ 11,800.00	
21-1-00-350.000	Transmission ROW	\$ 123,964.12	
21-1-00-353.000	Trans Substation Equip	\$ 116,523.02	
21-1-00-355.000	Trans Pole Line & Fixt	\$ 671,036.92	
21-1-00-356.000	Trans Overhead Conductors	\$ 534,686.68	
21-1-00-360.000	Distribution ROW	\$ 2,716.02	
21-1-00-361.000	Differed Storm Damage	\$ 12,176.76	
21-1-00-362.000	Distr Substation Equip	\$ 168,665.99	
21-1-00-365.000	Pole Lines & Fixtures	\$ 4,161,200.14	
21-1-00-365.100	Overhead Conductors & Devices	\$ 201,994.49	
21-1-00-367.000	Underground	\$ 80,697.45	
21-1-00-368.000	Line Transform/Regulators	\$ 1,015,085.29	
21-1-00-369.000	Dist. Services	\$ 676,568.77	
21-1-00-370.000	Meters	\$ 120,969.68	

ELECTRIC			
Balance Sheet			
For Period Ending: March 31, 2024			
Account	Description	Balance	Notes
21-1-00-371.000	Install-Customer Premises	\$ -	
21-1-00-373.000	Street Lights	\$ 43,519.10	
21-1-00-390.000	General Structures and Eq	\$ 25,393.38	
21-1-00-391.000	Furniture & Fixtures	\$ 108,968.10	
21-1-00-392.000	Transportation Equipment	\$ 81,492.22	
21-1-00-394.000	Tools & Equipment	\$ 12,220.00	
21-1-00-397.000	Communication Equipment	\$ -	
Total Assets		\$ 6,209,602.26	
21-2-00-221.100	Vt Municipal Bond #3	\$ -	<i>total debt = 46.9% total assets</i>
21-2-00-221.110	Vt Municipal Bond #4	\$ 785,000.00	
21-2-00-221.120	Vt Municipal Bond #5	\$ 1,355,000.00	
21-2-00-228.000	Defered Inflows-Pension	\$ 39,856.00	
21-2-00-231.000	Notes Payable	\$ -	
21-2-00-231.200	CNB/ 900k Operating	\$ 643,296.55	
21-2-00-231.210	Pass./ Hydro Electric Loa	\$ 125,457.84	
21-2-00-232.100	Accounts Payable	\$ -	
21-2-00-232.200	Overbill Refunds Payable	\$ 30,123.41	
21-2-00-233.000	Net Pension Liability	\$ 126,532.00	
21-2-00-235.100	Customer Deposits	\$ 30,442.06	
21-2-00-235.150	Customer Deposit Interest	\$ -	
21-2-00-242.000	Accrued Payroll	\$ -	
21-2-00-242.100	VT Sales Tax	\$ 3,172.64	
21-2-00-242.200	EEC	\$ 15,756.96	
21-2-00-242.300	Accrued Sick Time	\$ 4,039.45	
21-2-00-242.350	Accrued Vacation	\$ 2,575.73	
21-2-00-242.500	Payroll Clearing	\$ -	
21-2-00-242.550	Accrued Liabilities	\$ -	
21-2-00-242.600	Accrued Purchase Power	\$ -	
21-2-00-252.000	Customer Advance Payments	\$ 432,235.30	
21-2-00-254.000	Other Regulatory Liabilities	\$ 13,332.71	
21-3-00-000.000	Fund Balance	\$ -	
21-3-00-215.000	Appropriated Earnings	\$ 36,062.84	
21-3-00-216.000	Unappropriated Earnings	\$ 2,542,021.21	
		\$ 6,184,904.70	
Current Year Net Income (Loss)		\$ 24,697.57	
Total Liabilities & Earnings		\$ 6,209,602.27	
Variance		\$ (0.01)	

ELECTRIC					
Profit & Loss Statement					
For Period Ending: March 31, 2024					
Account	Description	2024 Budget	2024 YTD	Actual as % of Budget	Notes
21-4-00-415.100	Materials Sold	\$ 15,000.00	\$ 1,879.70	13%	
21-4-00-415.200	Service Bill Labor/ Equip	\$ 20,000.00	\$ 3,719.21	19%	
21-4-00-415.300	Service Revenue-Contractor L/M	\$ 12,500.00	\$ -	0%	
21-4-00-417.140	Del Tax Collector Fees	\$ 750.00	\$ 6.60	1%	
21-4-00-417.200	FEMA Aid	\$ -	\$ -	0%	
21-4-00-419.100	Interest Income	\$ 15,000.00	\$ 4,671.56	31%	
21-4-0-419.120	Interest Income-Elect Tx	\$ 250.00	\$ 10.72	4%	
21-4-00-419.200	Customer Account Penalties	\$ 15,000.00	\$ 3,764.14	25%	
21-4-00-419.400	Bond Interest	\$ -	\$ -	0%	
21-4-00-419.500	Transco Settlement (on bill)	\$ 67,500.64	\$ -	0%	
21-4-00-419.510	Interest Inc-Transco Dire	\$ 420.00	\$ -	0%	sb 21-4-00-419.600
21-4-00-419.520	Interest Inc-Transco NUOp	\$ 1,000.00	\$ -	0%	
21-4-00-419.600	VELCO Dividend (check)	\$ 8,672.00	\$ 2,161.11	25%	
21-4-00-421.000	Misc. Income	\$ 250.00	\$ 5,402.50	2161%	\$3,193 Scrap Copper; \$2,160 VERT
21-4-00-421.100	Transco Net Credit (principal)	\$ 137,002.85	\$ 34,166.72	25%	
21-4-00-421.200	Misc Rev-Gain on Sale-Pro	\$ -	\$ -	0%	
21-4-00-440.100	Residential Sales	\$ 2,366,397.00	\$ 513,311.27	22%	
21-4-00-440.150	Residential Sales Surcharge	\$ -	\$ -	0%	
21-4-00-442.100	Commercial Sales	\$ 591,191.00	\$ 106,986.11	18%	
21-4-00-442.150	Commercial Sales Surcharge	\$ -	\$ -	0%	
21-4-00-444.100	Public Street Lighting	\$ 30,661.00	\$ 5,692.17	19%	
21-4-00-444.150	Street Lighting Surcharge	\$ -	\$ -	0%	
21-4-00-445.100	Municipal	\$ 52,143.00	\$ 12,513.20	24%	
21-4-00-445.150	Municipal Surcharge	\$ -	\$ -	0%	
21-4-00-445.200	Public Authority	\$ 124,718.00	\$ 26,213.62	21%	
21-4-00-445.250	Public Authority Surcharge	\$ -	\$ -	0%	
21-4-00-449.000	Revenue Unbilled	\$ -	\$ -	0%	
21-4-00-451.000	Disconnect / Reconnect	\$ 3,500.00	\$ -	0%	
21-4-00-453.000	Hydro LIHI Credits	\$ -	\$ -	0%	
21-4-00-454.000	Rent Income	\$ -	\$ -	0%	
21-4-00-454.300	Pole Attachment Rental	\$ 3,500.00	\$ -	0%	
21-4-00-454.350	Pole Attachment-Survey Fee	\$ 5,000.00	\$ 550.00	11%	
21-4-00-456.000	DOE Hydro Incentive	\$ -	\$ -	0%	
		\$ 3,470,455.49	\$ 721,048.63	21%	
Total Revenues					
21-6-00-403.000	Depreciation Expense	\$ 300,000.00	\$ -	0%	
21-6-00-408.110	Fuel Gross Tax	\$ 16,000.00	\$ 3,193.12	20%	
21-6-00-408.120	Gross Revenue Tax	\$ 16,000.00	\$ 16,646.34	104%	Annual
21-6-00-408.200	Property Tax	\$ 135,000.00	\$ -	0%	
21-6-00-408.210	PILOT	\$ 13,125.00	\$ -	0%	
21-6-00-408.300	Other Taxes	\$ -	\$ -	0%	
21-6-00-431.100	Interest Expense	\$ 118,336.88	\$ 38,079.23	32%	
21-6-00-431.150	Interest Exp-Customer Dep	\$ 750.00	\$ 172.26	23%	
21-6-00-431.200	Finance Charges/Fees	\$ 750.00	\$ -	0%	
21-6-00-535.000	Hydro Labor	\$ 35,291.99	\$ 7,713.93	22%	
21-6-00-545.000	Hydro Operating Expenses	\$ 30,000.00	\$ 8,121.81	27%	
21-6-00-546.000	Diesel Labor	\$ -	\$ -	0%	
21-6-00-549.000	Diesel Operating Expenses	\$ -	\$ -	0%	
21-6-00-555.000	Purchased Power	\$ 1,362,032.73	\$ 105,689.54	8%	2 months CDA pending
21-6-00-555.100	Sunset Solor Credits	\$ (1,000.00)	\$ -	0%	
21-6-00-555.200	Hydro LIHI Credits	\$ (129,132.46)	\$ (17,472.00)	14%	2 months CDA pending
21-6-00-561.000	Transmission Labor	\$ -	\$ -	0%	
21-6-00-574.000	Transmission Plant Mainte	\$ 1,500.00	\$ 3,662.21	244%	
21-6-00-580.000	Distribution Labor	\$ -	\$ -	0%	
21-6-00-580.100	Distribution Labor	\$ 9,303.71	\$ 1,250.89	13%	
21-6-00-580.115	Distribution-Contract Labor	\$ 594,880.00	\$ 91,520.00	15%	1 months pending
21-6-00-580.116	Distribution-Contract OnCall	\$ 45,760.00	\$ 7,040.00	15%	1 months pending
21-6-00-580.117	Distribution Labor - Outages (Internal & NonC	\$ 2,500.00	\$ 6,183.19	247%	

ELECTRIC					
Profit & Loss Statement					
For Period Ending: March 31, 2024					
Account	Description	2024 Budget	2024 YTD	Actual as % of Budget	Notes
21-6-00-580.118	Disribution Labor - Capital	\$ (75,000.00)	\$ (11,016.40)	15%	
21-6-00-580.120	Customer Jobs	\$ 65,000.00	\$ 245,945.01	378%	NEK/Comcast Work
21-6-00-580.140	Distrib Lb/Equip Outagaes [DLC]	\$ 95,000.00	\$ 14,533.23	15%	1 months pending
21-6-00-580.142	Distrib Lb/Equip Outagaes [NDLC]	\$ -	\$ 19,368.19	0%	1 months pending
21-6-00-580.145	Capital Outage Repair	\$ -	\$ -	0%	
21-6-00-580.150	Distribution Labor-GIS	\$ -	\$ -	0%	
21-6-00-580.160	Pager	\$ -	\$ -	0%	
21-6-00-580.200	Training / Line Apprentic	\$ 500.00	\$ -	0%	
21-6-00-582.100	Dist Line/ Station Expense	\$ 2,500.00	\$ 44.95	2%	
21-6-00-582.200	Tools	\$ 1,500.00	\$ 139.32	9%	
21-6-00-586.000	Meter Expense	\$ 10,000.00	\$ 5,515.00	55%	
21-6-00-590.000	Dist. Maint. Labor	\$ 4,500.00	\$ -	0%	
21-6-00-592.000	Dist. Maint. Structure/Eq	\$ 10,000.00	\$ -	0%	
21-6-00-593.100	Line Clearing-Internal Labor	\$ 4,500.00	\$ -	0%	
21-6-00-593.105	Line Clearing/Contractor	\$ 100,000.00	\$ 12,902.34	13%	
21-6-00-593.110	Line Clearing Contra	\$ (25,000.00)	\$ -	0%	
21-6-00-593.115	Distrib Maint- OH Lines	\$ 65,000.00	\$ 15,050.23	23%	
21-6-00-595.000	Dist. Main. Line Transformers	\$ 2,500.00	\$ 1,495.00	60%	
21-6-00-596.000	Dist. Maint. Street Light	\$ 2,500.00	\$ -	0%	
21-6-00-598.000	Dist. Maint. Other	\$ 250.00	\$ -	0%	
21-6-00-902.000	Meter Reading Labor	\$ 83,200.00	\$ 12,800.00	15%	1 months pending
21-6-00-903.000	Customer Records & Collections	\$ 30,000.00	\$ -	0%	
21-6-00-904.000	Uncollectable Accounts	\$ 10,000.00	\$ -	0%	
21-6-00-906.100	Newspaper Ads	\$ 500.00	\$ -	0%	
21-6-00-916.100	Misc Sales Expenses	\$ -	\$ -	0%	
21-6-00-916.200	Misc Sales Exp-RES Incent	\$ -	\$ -	0%	
21-6-00-920.100	Office Salaries	\$ 112,666.37	\$ 27,199.09	24%	
21-6-00-920.150	Employee Training	\$ 500.00	\$ -	0%	
21-6-00-920.200	Elected Official Salaries	\$ 900.00	\$ 738.85	82%	Annual
21-6-00-920.250	Electric Tax Collector Fees	\$ 750.00	\$ 6.60	1%	
21-6-00-921.100	Supplies	\$ 24,500.00	\$ 3,796.26	15%	
21-6-00-921.150	Village Reports	\$ 75.00	\$ -	0%	
21-6-00-921.200	Computer Expense	\$ 8,120.00	\$ 933.53	11%	
21-6-00-921.300	Communication Expense	\$ 7,500.00	\$ 327.04	4%	
21-6-00-921.420	Utilities - Phone	\$ 1,250.00	\$ -	0%	
21-6-00-921.500	Permits, Licenses and Due	\$ 2,500.00	\$ 2,154.00	86%	
21-6-00-923.100	Outside Services	\$ 35,000.00	\$ -	0%	
21-6-00-923.200	Legal Services	\$ 25,000.00	\$ 120.00	0%	
21-6-00-923.300	VPPSA - Admin Fees	\$ 107,436.00	\$ 7,103.74	7%	2 months pending
21-6-00-923.330	VPPSA-GIS Project Fees	\$ 12,497.00	\$ 2,971.77	24%	
21-6-00-923.335	VPPSA-AMI Project Fees	\$ -	\$ -	0%	
21-6-00-923.350	RES Project Cost	\$ 70,649.00	\$ 16,575.71	23%	
21-6-00-923.360	VPPSA Mgmt Services	\$ 54,995.20	\$ 10,846.81	20%	
21-6-00-923.400	Audit Services	\$ 22,400.00	\$ -	0%	
21-6-00-924.100	Property Insurance	\$ 13,607.35	\$ 8,070.58	59%	2 qtrs paid
21-6-00-924.150	Boiler/Machinery Insuranc	\$ 7,857.88	\$ 3,830.56	49%	1 qtr pd, 1 qtr missed from CY2023
21-6-00-924.200	Public Official Insurance	\$ 142.20	\$ 71.10	50%	2 qtrs paid
21-6-00-924.300	Liability Insurance	\$ 4,066.27	\$ 2,033.14	50%	2 qtrs paid
21-6-00-924.400	Bond Insurance	\$ -	\$ -	0%	
21-6-00-924.500	Vehicle Insurance	\$ 1,407.54	\$ 703.78	50%	2 qtrs paid
21-6-00-924.600	Unemployment Insurance	\$ 813.12	\$ 956.38	118%	2 qtrs paid
21-6-00-924.700	Workers Comp Insurance	\$ 4,855.00	\$ 2,427.50	50%	2 qtrs paid
21-6-00-926.100	FICA/MEDI	\$ 14,526.86	\$ 2,051.72	14%	
21-6-00-926.200	Health Insurance	\$ 34,891.23	\$ 9,722.95	28%	
21-6-00-926.250	Health Insurance Opt Out	\$ -	\$ -	0%	
21-6-00-926.300	Municipal Retirement	\$ 9,436.90	\$ 940.39	10%	
21-6-00-926.400	Compensated Absences	\$ 28,131.58	\$ 3,150.90	11%	
21-6-00-928.000	Regulatory Commission (SQ	\$ 350.00	\$ -	0%	
21-6-00-930.000	Misc. Expense	\$ 150.00	\$ -	0%	
21-6-00-931.100	Garage Rent	\$ 21,000.00	\$ -	0%	

ELECTRIC					
Profit & Loss Statement					
For Period Ending:		March 31, 2024			
Account	Description	2024 Budget	2024 YTD	Actual as % of Budget	Notes
21-6-00-931.150	Garage Rent (Int./Princ.)	\$ -	\$ -	0%	
21-6-00-931.200	Office Rent	\$ 9,600.00	\$ -	0%	
21-6-00-931.300	Railroad Crossing Lease	\$ 1,100.00	\$ 1,029.00	94%	<i>Annual</i>
21-6-00-933.100	Transportation Equipment	\$ 750.00	\$ -	0%	
21-6-00-933.200	Transportation Mileage	\$ 2,500.00	\$ -	0%	
21-6-00-933.300	Backhoe	\$ -	\$ -	0%	
21-6-00-933.400	Truck Maintenance	\$ -	\$ -	0%	
21-6-00-933.410	Bucket Truck	\$ -	\$ 12.27	0%	
21-6-00-933.420	Digger Truck	\$ 4,500.00	\$ -	0%	
21-6-00-933.430	Line Truck	\$ -	\$ -	0%	
21-6-00-933.440	Meter Truck	\$ -	\$ -	0%	
21-6-00-933.500	Truck Fuel	\$ 1,000.00	\$ -	0%	
21-6-00-935.100	Maint of General Plant-Remediation	\$ 10,000.00	\$ -	0%	
Total Expenses		\$ 3,595,972.35	\$ 696,351.06	19%	
Net Income (Loss)		\$ (125,516.86)	\$ 24,697.57	-20%	

Adjustments:	
VPPSA CDA-Feb Estimate	\$ (82,646.45)
Admin Fees - Feb	\$ (7,103.75)
VPPSA CDA-Mar Estimate	\$ (85,000.00)
Admin Fees - Mar	\$ (7,103.75)
VPPSA-Mar Operations-Contract	\$ (69,600.00)
VPPSA-Mar Operations-Other	\$ (27,000.00)
VPPSA Management Fees-Mar	\$ (7,680.00)

Net Income (Loss) after Adjustments **\$ (261,436.38)**

WATER			
Balance Sheet			
For Period Ending:		March 31, 2024	
Account	Description	Balance	Notes
23-1-00-012.050	Due to / From (CASH)	\$ 36,150.95	
23-1-00-012.100	Cash UD Clearing	\$ -	
23-1-00-107.000	CWIP	\$ -	
23-1-00-108.000	Accumulated Depreciation	\$ (3,061,832.06)	
23-1-00-120.000	Water Checking	\$ -	
23-1-00-128.000	Deferred Outflows-Pension	\$ 1,654.00	
23-1-00-130.120	Community / Backhoe	\$ 3,000.54	
23-1-00-130.130	Community / Capital Reser	\$ 82,014.09	
23-1-00-130.140	Community / Major Repair	\$ 15,167.26	
23-1-00-142.100	Accts Rec / Utility	\$ 21,303.96	
23-1-00-142.200	Accts Rec / Service Bills	\$ 1,144.38	
23-1-00-142.300	Unbilled Revenue	\$ -	
23-1-00-143.100	Other Accounts Receivable	\$ -	
23-1-00-143.200	Taxes/User Fee Receivable	\$ 2,520.59	
23-1-00-143.210	Tax Collections-Water AR	\$ 13,463.32	
23-1-00-143.250	Taxes/User Fee Interest R	\$ -	
23-1-00-144.000	Allowance for Doubtful Ac	\$ (1,000.00)	
23-1-00-154.100	Inventory / Materials	\$ 34,971.09	
23-1-00-165.000	Prepaid Expenses	\$ -	
23-1-00-165.200	Prepaid Insurance	\$ -	
23-1-00-361.000	Dist. Structures and Equipment	\$ 3,950,750.00	
23-1-00-362.000	Station Equipment	\$ 56,362.99	
23-1-00-390.000	General Structures and Equipmnet	\$ 2,212,727.82	
23-1-00-391.000	Office Furniture and Equipment	\$ 22,809.00	
23-1-00-392.000	Transpotation Equipment	\$ 35,218.50	
Total Assets		\$ 3,426,426.43	
23-2-00-221.150	VMBB 2012 Series 4 & 5 Water	\$ 122,860.43	<i>LTD = 22.9% total assets</i>
23-2-00-221.200	School Street Bond 2016	\$ 71,198.71	
23-2-00-228.000	Deferred Inflows-Pension	\$ 6,283.00	
23-2-00-231.200	CNB/10YR Capital Improv.	\$ 25,329.56	
23-2-00-231.220	CNB / Revenue Anticipatio	\$ -	
23-2-00-231.300	USDA / Improvement Loan	\$ 554,192.87	
23-2-00-231.400	State of VT / Loan # AR3	\$ 9,417.56	
23-2-00-232.100	Accounts Payables	\$ -	
23-2-00-232.200	Overbill Refunds Payable	\$ 1,452.37	
23-2-00-233.000	Net Pension Liability	\$ 7,905.00	
23-2-00-242.000	Accrued Payroll	\$ -	
23-2-00-242.100	VT Sales Tax	\$ -	
23-2-00-242.300	Accrued Sick Time	\$ 795.25	
23-2-00-242.350	Accrued Vacation Time	\$ 480.43	

23-2-00-531.500	Passumpsic /Tax Anticipation Note	\$ -	
23-3-00-000.000	Fund Balance	\$ -	
23-3-00-215.000	Appropriated Earning	\$ 100,169.43	
23-3-00-216.000	Unappropriated Earnings	\$ 2,551,644.30	
		\$ 3,451,728.91	
Current Year Net Income (Loss)		\$ (25,302.48)	
Total Liabilities & Earnings		\$ 3,426,426.43	
Variance		\$ -	

WATER					
Profit & Loss Statement					
For Period Ending:		March 31, 2024			
Account	Description	2024 Budget	2024 YTD	Actual as % of Budget	Notes
23-4-00-415.100	Materials Sold	\$ -	\$ -	0%	
23-4-00-415.200	Service Bill Labor/Equip	\$ 250.00	\$ 456.00	182%	
23-4-00-417.100	Taxes & User Fees	\$ 68,804.00	\$ -	0%	
23-4-00-417.120	Tax & User Fee Interest	\$ 1,000.00	\$ 122.24	12%	
23-4-00-417.140	Del Tax Collector's Fees	\$ 1,500.00	\$ 451.70	30%	
23-4-00-417.200	Grant Funds	\$ -	\$ -	0%	
23-4-00-419.100	Misc. Interest Income	\$ 50.00	\$ 12.46	25%	
23-4-00-419.200	Customer Accounts Penalti	\$ 1,700.00	\$ 295.24	17%	
23-4-00-419.400	Bond Interest	\$ -	\$ -	0%	
23-4-00-421.000	Misc. Income	\$ -	\$ -	0%	
23-4-00-421.200	Gain(Loss) on Disposition of Plt	\$ -	\$ -	0%	
23-4-00-440.100	Water Sales	\$ 245,167.79	\$ 39,734.92	16%	
23-4-00-451.000	Disconnect / Reconnect	\$ -	\$ -	0%	
Total Revenues		\$ 318,471.79	\$ 41,072.56	13%	
23-6-00-403.000	Depreciation Expense	\$ 180,000.00	\$ -	0%	
23-6-00-408.300	Water/Sewer Property Tax	\$ 1,700.00	\$ -	0%	
23-6-00-431.100	Interest Expense	\$ 11,997.13	\$ 1,536.43	13%	
23-6-00-431.200	Finance Charges and Fees	\$ 1,500.00	\$ -	0%	
23-6-00-574.000	Transmission Plant Mainte	\$ -	\$ -	0%	
23-6-00-580.000	Water Labor-Operations	\$ 56,576.40	\$ 21,492.44	38%	overbudget
23-6-00-580.100	Water Labor-Training	\$ 250.00	\$ -	0%	
23-6-00-580.120	Water Labor-Customer Jobs	\$ 200.00	\$ -	0%	
23-6-00-582.100	Line / Station Expense	\$ 10,000.00	\$ 566.26	6%	
23-6-00-582.110	Line/Station Expense-Chemicals	\$ 20,000.00	\$ 4,633.28	23%	
23-6-00-582.115	Line/Station Expense-Testing	\$ 3,500.00	\$ 2,282.31	65%	
23-6-00-582.116	Line/Station Expense-Scada	\$ 1,500.00	\$ 415.50	28%	
23-6-00-582.200	Water Tools	\$ 3,100.00	\$ 61.36	2%	
23-6-00-582.300	Hydrants	\$ 2,000.00	\$ -	0%	
23-6-00-582.320	Reservoir	\$ -	\$ -	0%	
23-6-00-586.000	Water Meters	\$ 2,500.00	\$ -	0%	
23-6-00-588.100	Misc Distribution Exp-Storm Related	\$ -	\$ -	0%	
23-6-00-590.000	Water Labor-Maintenance	\$ 4,587.28	\$ 898.03	20%	
23-6-00-592.000	Maint of Structures & Equipment	\$ 7,000.00	\$ 2,508.07	36%	
23-6-00-594.000	Maint of Water Lines-Materials	\$ 6,000.00	\$ -	0%	
23-6-00-600.100	UP Operations Contact	\$ -	\$ -	0%	
23-6-00-600.200	UP Maintenance	\$ -	\$ -	0%	
23-6-00-902.000	Meter Reading Expense	\$ 2,000.00	\$ 408.64	20%	
23-6-00-904.000	Uncollectable Account	\$ 500.00	\$ -	0%	
23-6-00-920.100	Office Salaries	\$ 17,897.08	\$ 4,147.26	23%	
23-6-00-920.150	Employee Training	\$ 250.00	\$ -	0%	
23-6-00-920.200	Elected Official Salaries	\$ 900.00	\$ 622.11	69%	Annual
23-6-00-920.250	Tax Collector Fees	\$ 1,500.00	\$ 495.76	33%	
23-6-00-921.100	Office Supplies	\$ 3,685.13	\$ 588.25	16%	
23-6-00-921.150	Village Reports	\$ 50.00	\$ -	0%	
23-6-00-921.200	Computer Expense	\$ 870.00	\$ 104.47	12%	
23-6-00-921.300	Dispatch Expense	\$ -	\$ -	0%	
23-6-00-921.400	Utilities - Electric	\$ 7,750.00	\$ 1,646.48	21%	
23-6-00-921.420	Utilities-Phone	\$ 2,000.00	\$ 538.20	27%	
23-6-00-921.440	Utilities - Fuel	\$ 7,000.00	\$ 3,733.81	53%	
23-6-00-921.500	Permits Licenses and Dues	\$ 1,750.00	\$ 612.80	35%	
23-6-00-923.100	Outside Services	\$ 1,000.00	\$ 2,303.02	230%	Fred's Energy [Repairs]
23-6-00-923.110	Lawn Care	\$ 1,415.36	\$ -	0%	
23-6-00-923.360	VPPSA Management	\$ 8,760.00	\$ 1,727.28	20%	1 months pending
23-6-00-923.400	Audit Expense	\$ 2,400.00	\$ -	0%	
23-6-00-923.500	IT Services	\$ -	\$ -	0%	
23-6-00-924.100	Property Insurance	\$ 1,796.56	\$ 898.28	50%	1st/2nd qtrs paid

WATER					
Profit & Loss Statement					
For Period Ending:		March 31, 2024			
Account	Description	2024 Budget	2024 YTD	Actual as % of Budget	Notes
23-6-00-924.150	Boiler/Machinery Insuranc	\$ 6,006.93	\$ 3,351.36	56%	
23-6-00-924.200	Pubic Official Insurance	\$ 142.20	\$ 71.10	50%	<i>1st/2nd qtrs paid</i>
23-6-00-924.300	Liability Insurance	\$ 1,617.53	\$ 808.76	50%	<i>1st/2nd qtrs paid</i>
23-6-00-924.400	Bond Insurance	\$ -	\$ -	0%	
23-6-00-924.500	Vehicle Insurance	\$ -	\$ -	0%	
23-6-00-924.600	Unemployment Insurance	\$ 951.68	\$ 475.92	50%	<i>1st/2nd qtrs paid</i>
23-6-00-924.700	Workers Comp Insurance	\$ 5,682.33	\$ 2,841.16	50%	<i>1st/2nd qtrs paid</i>
23-6-00-926.100	FICA/MEDI	\$ 7,175.99	\$ 2,166.59	30%	
23-6-00-926.200	Health Insurance	\$ 8,044.57	\$ 3,050.33	38%	
23-6-00-926.300	Municipal Retirement	\$ 7,175.99	\$ -	0%	
23-6-00-926.400	Compensated Absences	\$ 12,743.01	\$ 1,373.61	11%	
23-6-00-926.410	Employee Benefits-Clothing	\$ -	\$ -	0%	
23-6-00-930.000	Misc. Expense	\$ -	\$ -	0%	
23-6-00-931.200	Office Rent	\$ 1,550.00	\$ -	0%	
23-6-00-931.300	Railroad Crossing Lease	\$ 2,200.00	\$ -	0%	
23-6-00-931.400	Vehicle Rent	\$ -	\$ -	0%	
23-6-00-933.200	Transportation Mileage	\$ -	\$ 16.17	0%	
23-6-00-933.300	Backhoe	\$ 300.00	\$ -	0%	
23-6-00-933.500	Truck Fuel	\$ -	\$ -	0%	
				0%	
Total Expenses		\$ 427,525.17	\$ 66,375.04	16%	
Net Income (Loss)		\$ (109,053.38)	\$ (25,302.48)	23%	

WASTE WATER			
Balance Sheet			
For Period Ending:		March 31, 2024	
Account	Description	Balance	Notes
24-1-00-012.050	Due to / From (CASH)	\$ (163,408.19)	
24-1-00-012.100	Cash UB Clearing	\$ -	
24-1-00-107.000	CWIP	\$ 51,176.74	
24-1-00-108.000	Accumulated Depreciation	\$ (4,039,327.63)	
24-1-00-120.000	Sewer Checking	\$ -	
24-1-00-128.000	Deferred Outflows-Pension	\$ 15,797.00	
24-1-00-130.120	Community / Backhoe	\$ 2,700.48	
24-1-00-130.130	Community / Capital Reser	\$ 24,917.71	
24-1-00-130.140	Community / Major Repair	\$ 23,792.94	
24-1-00-142.100	Accts Rec / Utility	\$ 27,918.91	
24-1-00-142.200	Accts Rec / Service Bills	\$ -	
24-1-00-142.300	Unbilled Revenue	\$ -	
24-1-00-143.100	Other Accounts Receivable	\$ -	
24-1-00-143.200	Tax/User Fee Receivable	\$ 2,187.57	
24-1-00-143.210	Tax Collections-WW AR	\$ 16,702.53	
24-1-00-143.250	Tax/User Fee Interest Receivable	\$ -	
24-1-00-144.000	Allowance For Doubtful Ac	\$ (1,000.00)	
24-1-00-154.100	Inventory / Materials	\$ 10,386.52	
24-1-00-165.100	Prepaid Expenses	\$ -	
24-1-00-165.200	Prepaid Insurance	\$ 0.01	
24-1-00-233.000	Net Pension Liability	\$ -	
24-1-00-389.000	Land	\$ -	
24-1-00-390.000	General Structures and Eq	\$ 6,753,323.33	
24-1-00-392.000	Transportation Equipment	\$ 37,738.43	
Total Assets		\$ 2,762,906.35	
24-2-00-221.150	VMBB 2012 Series 4 & 5	\$ 45,396.22	<i>LTD=12.9% of total assets</i>
24-2-00-221.200	VMBB-RF1-341.1.0	\$ 11,450.00	
24-2-00-228.000	Deferred Inflows-Pension	\$ 59,999.00	
24-2-00-231.140	Notes Payable-WW/Village	\$ -	
24-2-00-231.320	USDA / Improvement Loan #	\$ 300,603.13	
24-2-00-232.100	Accounts Payable	\$ -	
24-2-00-232.200	Overbill Refunds Payable	\$ 1,923.78	
24-2-00-233.000	Net Pension Liability	\$ (44,708.00)	
24-2-00-242.000	Accrued Payroll	\$ -	
24-2-00-242.300	Accrued Sick Time	\$ 2,923.20	
24-2-00-242.350	Accrued Vacation Time	\$ 1,928.71	
24-3-00-000.000	Fund Balance	\$ -	
24-3-00-215.000	Appropriated Earnings	\$ 51,404.74	
24-3-00-216.000	Unappropriated Earnings	\$ 2,362,407.63	
		\$ 2,793,328.41	
Current Year Net Income (Loss)		\$ (30,422.06)	
Total Liabilities & Earnings		\$ 2,762,906.35	
Variance		\$ -	

WASTE WATER					
Profit & Loss Statement					
For Period Ending:		March 31, 2024			
Account	Description	2024 Budget	2024 YTD	Actual as % of Budget	Notes
24-4-00-415.100	Materials Sold	\$ -	\$ -	0%	
24-4-00-415.200	Service Bill Labor	\$ -	\$ -	0%	
24-4-00-417.100	Taxes and User Fees	\$ 65,540.05	\$ -	0%	
24-4-00-417.120	Tax and User Fee Interest	\$ 1,500.00	\$ 112.66	8%	
24-4-00-417.140	Del Tax Collector Fees	\$ 1,500.00	\$ 759.05	51%	
24-4-00-417.200	Grant Funds	\$ -	\$ -	0%	
24-4-00-419.100	Misc. Interest Income	\$ 100.00	\$ 6.39	6%	
24-4-00-419.200	Customer Account Penalties	\$ 2,000.00	\$ 379.42	19%	
24-4-00-421.000	Misc Income	\$ -	\$ -	0%	
24-4-00-421.200	Gain(Loss) on Disposition of Plt	\$ -	\$ -	0%	
24-4-00-440.100	Waste Water Sales	\$ 373,462.14	\$ 53,350.43	14%	
24-4-00-447.100	Sales for ReSale-Glover	\$ 124,414.78	\$ 20,735.80	17%	
24-4-00-447.110	Sales for ReSale-Glover DS	\$ 465.24	\$ 77.54	17%	
24-4-00-447.115	Sales for ResaleGlover Capital	\$ 5,350.40	\$ -	0%	
24-4-00-451.000	Disconnect / Reconnect	\$ -	\$ -	0%	
				0%	
Total Revenues		\$ 574,332.61	\$ 75,421.29	13%	
24-6-00-403.000	Depreciation Expense	\$ 155,000.00	\$ -	0%	
24-6-00-408.300	Water/Sewer Property Tax	\$ 2,850.00	\$ -	0%	
24-6-00-431.100	Interest	\$ 7,543.24	\$ 3,809.56	51%	
24-6-00-431.200	Finance Charges and Fees	\$ 100.00	\$ -	0%	
24-6-00-580.000	Sewer Labor-Operations	\$ 118,686.65	\$ 28,038.06	24%	
24-6-00-580.100	Sewer Line Expenses	\$ 5,000.00	\$ 58.97	1%	
24-6-00-580.115	Sewer Labor-Training	\$ 5,000.00	\$ 3,906.31	78%	overbudget
24-6-00-580.120	Sewer Exp-Customer Jobs	\$ -	\$ -	0%	
24-6-00-582.100	Station Expenses	\$ 10,000.00	\$ 673.70	7%	
24-6-00-582.110	Sewer/Line Exp-Chemicals	\$ 30,000.00	\$ 664.43	2%	
24-6-00-582.115	Sewer/Line Exp-Testing	\$ 9,500.00	\$ 868.68	9%	
24-6-00-582.116	Sewer/Line Exp-Scada	\$ 3,500.00	\$ -	0%	
24-6-00-582.200	Sewer Tools	\$ 1,500.00	\$ 286.34	19%	
24-6-00-588.100	Sewer Distrib Maint-Storm Damages	\$ -	\$ -	0%	
24-6-00-590.000	Sewer Labor-Maintenance	\$ 8,364.72	\$ -	0%	
24-6-00-592.100	Maint of Struct & Equip-Plant	\$ 10,000.00	\$ 2,036.08	20%	
24-6-00-592.110	Maint of Struct & Equip-Lift Station	\$ 3,500.00	\$ 1,945.98	56%	
24-6-00-592.120	Maint of Struct & Equip-Scada	\$ -	\$ 3,829.24	0%	
24-6-00-594.000	Sewer Maintenance of Lines	\$ 7,500.00	\$ -	0%	
24-6-00-600.100	UP Operations Contract	\$ -	\$ -	0%	
24-6-00-600.200	UP Maintenance	\$ -	\$ -	0%	
24-6-00-600.300	Sludge Removal	\$ 25,000.00	\$ 1,320.00	5%	
24-6-00-610.000	Sludge Disposal	\$ 15,000.00	\$ 2,226.96	15%	
24-6-00-620.000	Grit Disposal	\$ 1,200.00	\$ 113.41	9%	
24-6-00-902.000	Meter Reading	\$ 2,000.00	\$ 408.64	20%	
24-6-00-904.000	Uncollectable Accounts	\$ -	\$ -	0%	
24-6-00-920.100	Office Salaries	\$ 17,385.73	\$ 4,015.20	23%	
24-6-00-920.150	Employee Training	\$ 1,500.00	\$ 104.00	7%	
24-6-00-920.200	Elected Official Salaries	\$ 900.00	\$ 621.40	69%	Annual
24-6-00-920.250	Tax Collector Fees	\$ 1,500.00	\$ 818.65	55%	
24-6-00-921.100	Office Supplies	\$ 3,565.92	\$ 709.69	20%	
24-6-00-921.150	Village Reports	\$ 50.00	\$ -	0%	
24-6-00-921.200	Computer Expense	\$ 1,160.00	\$ 1,040.68	90%	new pc
24-6-00-921.300	Communication Expense	\$ -	\$ -	0%	
24-6-00-921.400	Utilities - Electric	\$ 40,000.00	\$ 7,637.61	19%	
24-6-00-921.420	Utilities - Phone	\$ 2,500.00	\$ 367.69	15%	
24-6-00-921.440	Utilities - Fuel	\$ 6,500.00	\$ 4,301.31	66%	
24-6-00-921.500	Permits Licenses Dues	\$ 2,500.00	\$ 837.00	33%	
24-6-00-923.100	Outside Services	\$ 3,000.00	\$ 523.42	17%	
24-6-00-923.110	Lawn Care	\$ 3,849.78	\$ -	0%	

WASTE WATER					
Profit & Loss Statement					
For Period Ending:		March 31, 2024			
Account	Description	2024 Budget	2024 YTD	Actual as % of Budget	Notes
24-6-00-923.360	VPPSA Management	\$ 8,476.00	\$ 1,671.41	20%	<i>1 month pending</i>
24-6-00-923.400	Audit Expense	\$ 3,200.00	\$ -	0%	
24-6-00-923.500	IT Services	\$ -	\$ -	0%	
24-6-00-924.100	Property Insurance	\$ 2,429.73	\$ 1,214.86	50%	<i>1st/2nd qtrs paid</i>
24-6-00-924.150	Boiler/Machinery Insuranc	\$ 7,856.35	\$ 3,409.14	43%	
24-6-00-924.200	Public Official Insurance	\$ 142.20	\$ 71.10	50%	<i>1st/2nd qtrs paid</i>
24-6-00-924.300	Liability Insurance	\$ 2,439.57	\$ 1,219.78	50%	<i>1st/2nd qtrs paid</i>
24-6-00-924.400	Bond Insurance	\$ -	\$ -	0%	
24-6-00-924.500	Vehicle Insurance	\$ -	\$ -	0%	
24-6-00-924.600	Unemployment Insurance	\$ 1,903.36	\$ 951.84	50%	<i>1st/2nd qtrs paid</i>
24-6-00-924.700	Workers Compensation	\$ 11,364.67	\$ 5,682.34	50%	<i>1st/2nd qtrs paid</i>
24-6-00-926.100	FICA/MEDI	\$ 12,719.53	\$ 2,705.64	21%	
24-6-00-926.200	Health Insurance	\$ 50,743.54	\$ 9,722.92	19%	
24-6-00-926.300	Municipal Retirement	\$ 11,223.12	\$ 2,326.45	21%	
24-6-00-926.400	Compensated Absences	\$ 19,831.29	\$ 5,206.87	26%	
24-6-00-926.410	Employee Benefits-Clothing	\$ -	\$ 260.99	0%	
24-6-00-930.000	Misc Expense	\$ 500.00	\$ -	0%	
24-6-00-931.200	Office Rent	\$ 1,500.00	\$ -	0%	
24-6-00-931.400	Vehicle Rent	\$ 11,500.00	\$ -	0%	
24-6-00-933.200	Transportation Mileage	\$ 300.00	\$ 237.00	79%	
24-6-00-933.300	Backhoe	\$ -	\$ -	0%	
24-6-00-933.400	Truck Maintenance	\$ -	\$ -	0%	
24-6-00-933.500	Truck Fuel	\$ -	\$ -	0%	
Total Expenses		\$ 651,785.40	\$ 105,843.35	16%	
Net Income (Loss)		\$ (77,452.79)	\$ (30,422.06)	39%	

Barton Village, Inc.
PO Box 519
Barton, Vermont 05822
(802) 525-4747

Memorandum

To: Barton Village Board of Trustees
From: Vera LaPorte
Date: April 22, 2024
Subject: Letter of Intent – SFY25 Municipal Roads Grants-in-Aid
Agenda: Agenda Item “J”

The Vermont Agency of Transportation (AOT) invites municipalities to participate in the Municipal Roads Grants-in-Aid Program, which provides funding for municipalities to implement best management practices (BMPs) in accordance with the Vermont Department of Environmental Conservation (DEC) Municipal Roads General Permit (MRGP).

Municipalities will submit reimbursement requests directly to AOT for work completed, and AOT will reimburse up to 80% of the municipality’s documented construction expenses, including in-kind support, for BMPs on hydrologically connected roads.

Barton Village has historically used this grant to fund ditching along Village roads.

Proposed Motion: Motion to approve the Letter of Intent for participation in the Vermont Agency of Transportation (AOT) Municipal Roads Grants-in-Aid program for CY2025.



**LETTER OF INTENT TO PARTICIPATE IN THE
SFY25 MUNICIPAL ROADS GRANTS-IN-AID
PROGRAM**

We, the Legislative Body of the Municipality of _____ certify that the municipality will:

- Construct one or more road best management practices (BMPs) to bring connected road segments into full compliance with Municipal Roads General Permit (MRGP) standards, to be completed by September 30, 2025.
- Construct the road BMPs on hydrologically connected road segments – roads that drain directly into surface waters (streams, rivers, ponds, lakes and wetlands). Refer to the Vermont Department of Environmental Conservation (DEC) map layer for *hydrologically connected* municipal roads in Vermont. This map layer is available at: <http://anr.vermont.gov/maps/nr-atlas>.
- Prior to construction of the BMPs, **receive Construction Authorization from VTrans** to verify the appropriate location of the connected road segment and BMP(s) to meet MRGP standards.
- Post a Clean Water Project sign during construction (select projects only).
- Provide a minimum of 20% local match (in-kind and/or cash). Match can include quantified in-kind contributions such as transportation, municipally owned road equipment, crew labor, municipal staff time and other costs directly related to the BMP construction project as part of this program. Funds from other federal or state grant programs or local match for those other federal and state grant programs cannot be included as match.
- Complete all reporting and invoicing requirements using the VTrans requested format.
- Submit all Performance Reports and Request reimbursement no later than 12/30/2025 (90 days from end of grant period).
- Complete a post construction assessment of each road segment repaired and provide the post construction assessment to DEC using the MRGP portal/app and certify during the request for reimbursement, that the repaired road segments are “fully compliant” with MRGP.

_____ Date: _____
(Duly Authorized Representatives)

Municipality: _____

Primary Contact Name: _____

Address: _____
Street Address Town Zip

Email: _____ Phone: _____

Town Clerk (2nd contact): _____ Email: _____

Unique Entity Identifier (SAM #) #: _____ Fiscal Year End Month (MM): _____

Note: Primary Contact is responsible for grant execution on Town’s behalf, Secondary Contact must be Town Clerk.

This form must be submitted via email by May 10th, 2024 to indicate participation.

Return signed Letter of Intent to: VTrans Municipal Roads Grants-in-Aid Program, c/o VTrans Municipal Assistance Program, via email: Grantsinaid@vermont.gov

This is a letter of intention to participate only. THIS IS NOT A GRANT, CONTRACT or AGREEMENT.

Barton Village, Inc.
PO Box 519
Barton, Vermont 05822
(802) 525-4747

Memorandum

To: Barton Village Board of Trustees
From: Vera LaPorte
Date: April 22, 2024
Subject: Property Lien for Electric Service
Agenda: Agenda Item "K"

The tenant of 99 Candle Lane in Brownington currently has a past due balance of \$7,558.58 for electric service (\$10,657.82 total account balance with next billing). This customer is on the disconnection list and has been offered several repayment plans of varying conditions, but has indicated that he would be unable to afford any of them. We will continue to work with the customer to come to a mutually satisfactory repayment agreement, but until the balance is repaid it would be prudent to file a lien on the property to protect the utility's interests.

Proposed Motion: Motion to file a lien on 99 Candle Lane in Brownington for the past due electric balance of \$7,558.58.

**BARTON VILLAGE, INC.
LIEN FOR MUNICIPAL ELECTRIC SERVICES**

KNOW ALL PERSONS that Barton Village, Inc., owner and operator of a duly organized Municipal Electric Department, acting by and through a majority of its Trustees, by the filing of this document, imposes a lien, in the amount of \$7,558.58, upon premises, in Brownington, Vermont described as and owned by:

Alannah S. Herring and Charles E. Soule IV – 99 Candle Lane, Brownington, VT

This lien imposed for the following services rendered to the above described property

Amount due for Electric services

PURSUANT TO Section of the Charter of the Village of Barton, as amended by Municipal Act No., Laws of Vermont 1939, and such lien:

“...shall be a lien in the nature of a tax upon any real estate so supplied with the same, wherever located,... and may be collected in the same manner as any tax assessed by said Village.”

FURTHER, PURSANT TO 32 V>S>A. #5061, such lien, as a lien in the nature of a municipal tax,

“...shall be a first lien thereon, underlying all mortgages, attachments, liens, or other encumbrances thereon...”

Dated on April 22nd, 2024 at Barton, Vermont.

BARTON VILLAGE TRUSTEES:

Regina Lyon

Marilyn Prue

Ellis Merchant

Barton Village, Inc.
PO Box 519
Barton, Vermont 05822
(802) 525-4747

Memorandum

To: Barton Village Board of Trustees
From: Vera LaPorte
Date: April 22, 2024
Subject: Department Operations Updates
Agenda: Agenda Item "L"

Electric Department

- Collections update will be provided after disconnections begin (4/23/24, 4/24/24, 4/25/24, 4/30/24, 5/01/24).
- Tree trimmers continue to make headway in vegetation management.

Wastewater Department

- New rates for wastewater implemented 4/15/24.
- The wastewater treatment facility continues to operate well and all reporting deadlines are being met.

Water Department

- The 2023 Consumer Confidence Report is available on the Village website and posted in areas around the Village.
- New rates for water will be implemented with the May billing.
- The water treatment facility continues to operate well and all reporting deadlines are being met.

Highway Department

- Spring cleanup is underway and spot paving of winter damage will begin as weather permits.
- Crystal Carrier has applied for several grants to aid funding of the salt/sand shed.
- Vera LaPorte submitted the Subrecipient Certification for road damage sustained in the July 2023 flood to FEMA in the amount of \$101,982.75. Funds will be received soon but no exact date yet.

Proposed Motion: None.

BARTON WATER SYSTEM - VT0005189

Consumer Confidence Report - 2023

This report is a snapshot of the quality of the water that we provided in 2023. Included are the details about where your water comes from, what it contains, and how it compares to Environmental Protection Agency (EPA) and state standards. We are committed to providing you with information because informed customers are our best allies. This report is designed to inform you about the quality water and services we deliver to you every day. To learn more, please attend any of our regularly scheduled meetings which are held on the first and third Wednesday of every month at 17 Village Square (Memorial Hall) Barton, VT.

The person who can answer questions about this report is Lucas DiMauro

Telephone: (802) 525-6549 and/ or Email: WaterManager@BartonVT.com

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place and distributing copies by hand or mail.

As required by the Lead and Copper Rule Revision, we have prepared a service line inventory. The purpose of the inventory was to determine if any of our service lines contain lead, galvanized pipe requiring removal, or unknown materials. Please contact us if you would like access to this inventory.

Water Source Information

Your water comes from:

Source Name	Source Type
MAY POND WATER SHED	Surface Water

The State of Vermont Water Supply Rule requires Public Community Water Systems to develop a Source Protection Plan. This plan delineates a source protection area for our system and identifies potential and actual sources of contamination. Please contact us if you are interested in reviewing the plan.

Drinking Water Contaminants

The sources of drinking water (both tap water and bottled water) include surface water (streams, lakes) and ground water (wells, springs). As water travels over the land's surface or through the ground, it dissolves naturally-occurring minerals. It also picks up substances resulting from the presence of animals and human activity. Some "contaminants" may be harmful. Others, such as iron and sulfur, are not harmful. Public water systems treat water to remove contaminants, if any are present.

In order to ensure that your water is safe to drink, we test it regularly according to regulations established by the U.S. Environmental Protection Agency and the State of Vermont. These regulations limit the amount of various contaminants:

Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations and wildlife

Inorganic contaminants, such as salts and metals, which can be naturally-occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining or farming.

Pesticides and herbicides, may come from a variety of sources such as storm water run-off, agriculture, and residential users.

Radioactive contaminants, which can be naturally occurring or the result of mining activity.

Organic contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and also come from gas stations, urban storm water run-off, and septic systems.

Water Quality Data

The table below lists all the drinking water contaminants that we detected during the past year. It also includes the date and results of any contaminants that we detected within the past five years if tested less than once a year. The presence of these contaminants in the water does not necessarily show that the water poses a health risk.

Terms and abbreviations - In this table you may find terms you might not be familiar with. To help you better understand these terms we have provided the following definitions:

Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Corrosion Control Efforts: Treatment (including pH adjustment, alkalinity adjustment, or corrosion inhibitor addition) or other efforts contributing to the control of the corrosivity of water, e.g., monitoring to assess the corrosivity of water.

Level 1 Assessment: A level 1 Assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in our water system.

Level 2 Assessment: A Level 2 Assessment is a very detailed study of the water system to identify potential problems and determine (if possible) why an E. coli MCL violation has occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.

Locational Running Annual Average (LRAA): The average of sample analytical results for samples taken at a particular monitoring location during four consecutive calendar quarters.

Maximum Contamination Level (MCL): The "Maximum Allowed" MCL is the highest level of a contaminant that is allowed in drinking water. MCL's are set as close to the MCLG's as feasible using the best available treatment technology.

Maximum Contamination Level Goal (MCLG): The "Goal" is the level of a contaminant in drinking water below which there is no known or expected risk to human health. MCLG's allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL): The highest level of a disinfectant allowed in drinking water. Addition a disinfectant may help control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG): The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of disinfectants in controlling microbial contaminants.

Nephelometric Turbidity Unit (NTU): NTU is a measure of the clarity of water. Turbidity in excess of 5 NTU is just noticeable to the average person.

Parts per million (ppm) or Milligrams per liter (mg/l): (one penny in ten thousand dollars)

Parts per billion (ppb) or Micrograms per liter (µg/l): (one penny in ten million dollars)

Parts per trillion (ppt) or Nanograms per liter (ng/l): (one penny in ten billion dollars)

Picocuries per liter (pCi/L): a measure of radioactivity in water

Running Annual Average (RAA): The average of 4 consecutive quarters (when on quarterly monitoring); values in table represent the highest RAA for the year.

Treatment Technique (TT): A required process intended to reduce the level of a contaminant in drinking water.

90th Percentile: Ninety percent of the samples are below the action level. (Nine of ten sites sampled were at or below this level).

Per- and polyfluoroalkyl substances (PFAS): PFAS are a group of human-made chemicals that have been in use since the 1940s. PFAS have been found in a wide variety of consumer products and as an ingredient in firefighting foam. PFAS manufacturing and processing facilities, airports, and military installations are some of the contributors of PFAS releases into the air, soil and water. Vermont currently regulates 5 PFAS and this list includes:

(PFNA): Perfluorononanoic Acid

(PFOA): Perfluorooctanoic Acid

(PFOS): Perfluorooctane Sulfonic Acid

(PFHpA): Perfluoroheptanoic Acid

(PFHxS): Perfluorohexane Sulfonic Acid

Detected Contaminants BARTON WATER SYSTEM

Disinfection Residual	RAA	RANGE	Unit	MIRDL	MIRDLG	Typical Source
Chlorine	0.265	0.020 - 0.500	mg/l	4	4	Water additive to control microbes

Chemical Contaminant	Date	Value	Range	Unit	MCL	MCLG	Typical Source
Manganese	01/13/2021	62	62 - 62	ppb	NA	NA	Erosion of natural deposits. Vermont Department of Health has established a Health Advisory of 300 ppb. Manganese equal to or greater than 50 ppb can lead to unacceptable taste or staining of fixtures.
Nitrate	04/06/2023	0.11	0.11 - 0.11	ppm	10	10	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits

PFAS Contaminants	
Typical Source	A large group of human-made chemicals used widely in manufacturing and consumer products
MCL	20 (individual or sum of the 5 regulated PFAS compounds)
Units	All units in parts per trillion (ppt)

Collection Date	PFAS	Value	Range	Unit	MCL	MCLG	Typical Source
10/19/2023	-	-	-	-	-	-	-
10/13/2020	-	-	-	-	-	-	-
10/23/2019	-	-	-	-	-	-	-

*Additional PFAS, not regulated by the Vermont Water Supply Rule, may also have been detected in the past five years. Please contact us if you would like more information on other unregulated PFAS that may be in your drinking water.

Contaminant	Year	Value	Range	Unit	MCL	MCLG	Typical Source
Total Trihalomethanes	2023	79	51 - 74	ppb	80	0	By-product of drinking water chlorination
Total Haloacetic Acids (HAA5)	2023	32	34 - 36	ppb	60	0	By-product of drinking water chlorination

Contaminant	Sampling Period	Value	Range	Unit	MCL	MCLG	Typical Source
Lead	07/09/2023 - 07/23/2023	2	0 - 13.7	ppb	15	0	Corrosion of household plumbing systems; Erosion of natural deposits
Copper	07/09/2023 - 07/23/2023	0.16	0 - 0.74	ppm	1.3	0	Corrosion of household plumbing systems; Erosion of natural deposits

*The lead and copper AL (Action Level) exceedance is based on the 90th percentile concentration, not the highest detected result.

**Complete lead tap sampling data (i.e. each individual sample result) are available for review. Please contact us if you would

like to receive this data.

Violation(s) that occurred during the year

We are required to monitor your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. The below table lists any drinking water violations we incurred during 2023. A failure to perform required monitoring means we cannot be sure of the quality of our water during that time.

	Type	Parameter	Compliance Period
MONITORING, ROUTINE (DBP), MAJOR	Failure to Monitor	Disinfection Byproducts	07/01/2023 - 09/30/2023
MONITORING, ROUTINE (DBP), MAJOR	Failure to Monitor	Disinfection Byproducts	10/01/2023 - 12/31/2023

No samples were taken during the specified monitoring period because of flooding / natural disaster. Treatment plant was shut down due to extremely turbid water and the village ran off reserves in storage tanks. Samples were resumed after treatment was reinitiated. Alleged violations have been removed from the Vermont WSID #5189 record.

Health Information Regarding Drinking Water

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants, can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from EPA's Safe Drinking Water Hotline (1-800-426-4791).

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Safe Drinking Water Hotline.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. BARTON WATER SYSTEM is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your drinking water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

Barton Village, Inc.
PO Box 519
Barton, Vermont 05822
(802) 525-4747

Memorandum

To: Barton Village Board of Trustees
From: Vera LaPorte
Date: April 22, 2024
Subject: Management/Staff Reports
Agenda: Item "M"

Office Equipment/Computers:

- *Mailing Machine/Postage* – The lease on the mailing/postage machine expired in 2020. Since that time, the village has paid the lease on a month-to-month basis. The current machine will soon become noncompliant in June with US postal requirements. I will be bringing options for replacing this machine to the Board in the near future
- The new WWTF computer has been successfully installed

Barton Memorial Building:

- NEK'D Plumbing completed their work on the Hall bathroom on 3/25/2024 and at the estimated price.

Village

- Sidewalks
- LHMP – BRIC grant has been awarded to the Town in the amount of \$11,835 to update the LHMP
- LEMP – Local Emergency Management Plan will be re-adopted after the Village annual meeting and filed with the Regional Planning Commission by May 1, 2024

Highway Department

Current Projects:

- Eastern Ave/Route 16 Ditching – Complete, Vera reached out to VT State on 01/02/2024 to ask if it can be included in the Municipal Grant in Aid Funding, reply pending
- Damage to Duck Pond Road from 12/18/2023 storm will be addressed in new FEMA disaster 4762DR-VT
- Andy to obtain paving estimate for West Street North
- Salt/Sand Shed Project
 - Project Engineer, Tyler Billingsley East Engineering working with Crystal and USDA

- Construction/Funding Options – Some USDA grant money awarded (see Salt/Sand Shed Update memo from BOT meeting 03/11/2024), Town possibly has funds available through Miscellaneous Grant Fund

Wastewater Department

Pending Projects:

- Wastewater Infrastructure Improvements
 - Aldrich & Elliot – Agreement approved 06/12/2023. 30% progress meeting with Michael Mainer/VT State on 10/30/2023, 60% progress meeting on 02/13/2024
 - VT Dept of Environmental Conservation State Revolving Loan Programs funding application completed and approved June 12, loan documents received 10/04/2023 and approved by BOT on 10/16/2023. Two payments received so far in the amount of \$11,450
 - DRAFT sewer ordinance and surcharge procedure complete and currently under BOT review, will readdress in future meetings
- VT Department of Environmental Conservation Inspection Report Response
 - Initial response provided by Tim
 - NOAV letter received 10/02/2023. NOAV response is complete and VT State is happy for now
- Insurance/FEMA recovery for flood damage – Two projects from the July 2023 have been paid by FEMA for a total of \$10,428.08 (75%) currently reimbursed, FEMA has now announced that they will cover the remaining 25% for these two projects (\$3,476.02)
- Glover Agreement – Michael Mainer from Aldrich & Elliott to research in tandem with the Village's rates, will perform a holistic rate study of Barton Village and Glover rates
- New wastewater rates implemented 04/15/2024 (\$44.23 base and \$833/1000 gallons used) and disconnection procedure for nonpayment will begin 04/22/2024 with the mailing of disconnection notices

Water Department

- May Pond Land Research
- Lucas working with Crystal on State of Vermont Revolving Loan Application for capital projects
- 01/31/2024 Do Not Drink Order/Event went as smoothly as could be anticipated, State involvement was immediate and decisive
- Lucas in process of obtaining second estimate for carbon filter rehab project
- Disconnection procedure will begin 04/22/2024 with the mailing of notices

Hydro Plant

Pending Projects:

- Removal of Fuel Tank
- Penstock – Major upgrade will require financing (village vote and PUC approval)

Electric:

Rate Case

- Rate increase approved at 10.82% on 11/16/2023

IRP (Integrated Resource Plan)

- IRP approved by the PUC 11/16/2023, next filing due no later than 03/06/2026

High Street Site Investigation & Remediation

- Contract balance amount is \$169,445, paid to date is \$156,112.29, balance is \$13,332.71
- Sampling completed 10/29/2023 and VHB currently compiling data as it comes in

AMI – VPPSA Project – determine participation

Outages on 11/27/2023, 12/04/2023, 12/18/2023, 04/03/2024-04/04/2024

- Proved challenging but response and organization is getting better as it is fine-tuned, Orleans Electric and Barton Village employees did an excellent job
- Working on vegetation management plan with Dave DiSimone to reduce outages by identifying and cutting problem trees/brush, particularly along main trunk line
- Planned outage on 01/12/2024 went well, but local businesses unhappy with loss of business during that time – will add businesses to Critical Care list for outage alerts

GIS Project

- Vera/Andy/Garrett attended training in Orleans on 02/08/2024 to complete the GIS inventory project for the distribution system started by summer help in 2023

Misc Items:

- Website – Vera working on it when she can