

Brandon Select Board Meeting
January 24, 2022
7:00 p.m.

The Brandon Select Board will meet Monday, January 24, 2022 at 7:00 p.m. at the Brandon Town Hall located at 1 Conant Square expecting to consider the items noted on this agenda. Agendas shall be posted on the community bulletin board located at the Town Office at 49 Center Street and on the community bulletin board located at the Junction Store & Deli at 2265 Forest Dale Road. The Select Board reserves the right to add additional items, if necessary, at the beginning of the meeting.

Interested parties may also attend this meeting electronically:

- Video Conference via ZOOM: Meeting ID (253 279 4161)
- Conference call: Dial (929) 205 6099

- 1) Call to Order
 - a) Agenda Adoption
- 2) Approval of Minutes
 - a) Select Board Minutes – January 10, 2022
- 3) Town Manager's Report
- 4) Public Comment and Participation
- 5) Revolving Loan Fund
- 6) Approve Warning for February 28, 2022 Town Meeting and March 1, 2022 Ballot
- 7) Review Quotes for Tandum Dump Truck
- 8) Discuss Newton Road Pump Station Upgrade
- 9) Fiscal
 - a) Warrant – January 24, 2022 - \$162,712.36
- 10) Executive Session

The appointment or employment or evaluation of a public officer or employee per 1 V.S.A. § 313(3)(a)(3)
- 11) Executive Session

The appointment or employment or evaluation of a public officer or employee, to include the Town Manager per 1 V.S.A. § 313(3)(a)(3)
- 12) Adjournment

Brandon Select Board Meeting January 10, 2022

NOTE: These are unapproved minutes, subject to amendment and/or approval at the subsequent board meeting.

Board Members in Attendance: Seth Hopkins, Brian Coolidge, Tim Guiles, Tracy Wyman, Michael Markowski

Others in Attendance: Dave Atherton, Butch Shaw, Neil Silins, Bill Moore, Jan Coolidge

Other In Attendance Via Zoom: Keith Whitcomb

1. Call to order

The meeting was called to order by Seth Hopkins - Chair at 7:02PM.

a) Agenda Adoption

Motion by Tracy Wyman/Michael Markowski to adopt the agenda as amended. **The motion passed unanimously.**

Add Item 11 – Fish and Wildlife Discussion of Parcel 02-11 on Map 6

Add Executive Session – Mediation and Arbitration Matters

2. Approval of Minutes

- a) Select Board Meeting – December 13, 2021
- b) Select Board Budget Workshop – December 20, 2021

Motion by Brian Coolidge/Tracy Wyman to approve the minutes noted above. **The motion passed unanimously.**

3. Town Manager's Report

Dave Atherton provided a report through January 7th.

The Town has been awarded a grant for new and updated Local Hazard Mitigation Plan development under the 2020 Building Resilient Infrastructure and Communities program through FEMA.

The Town has been awarded the grant for three properties on Newton Road that Mr. Atherton applied for through the Vermont Emergency Management Flood Resilient Communities Fund.

Mr. Atherton has hired a new Chief of Police, David Kachajain who will be starting on January 11th. He is leaving his position as Lieutenant in Swanton, which he has held since 2017, prior to that he was a Corporal in Montpelier for 10 years.

Seth Hopkins stated this results in a lot of hard work the Town Manager has done. The Board is looking forward to meeting David Kachajain as the new Chief of Police.

Bill Moore thanked the Town Manager and Select Board for the smooth and efficient hiring of a new police chief.

4. Public Comment and Participation

Tim Guiles thanked Mr. Atherton for the ARPA funds final rule. Mr. Guiles suggested there is section for ARPA funds to be used for vacant and abandoned properties, renovation, removal and demolition or deconstruction for converting to affordable housing. He wanted to get this on the radar as opportunities arise as all of the ARPA money has not been spoken for yet. Seth Hopkins did not perceive the Town having vacant properties, but some that may need repair. Mr. Guiles thought there may be some places that could be torn down and put back up and rehabilitated. Mr. Hopkins asked if the Town would take ownership and if there are further resources on this subject. Dave Atherton advised there is more detail on each program and he thought in order to do work on a property, the Town would have to acquire it first either through tax sale or something that is abandoned as the federal government would want the Town to own the property if the funds are being used. The information is very descriptive, like what is being done with Fire District 1 and 2.

Bill Moore advised he is the Chair of the Otter Creek Communication District and reported they received a ruling about allocation of broadband money and the anticipation that towns will be asked to match some of the funding. It appears Brandon's match may be in the area of \$56,000, but there may or may not be a request for matching funds from the State. Mr. Moore asked the Town to possibly consider using ARPA funds as a potential match.

Representative Butch Shaw reported with regard to the ARPA funds, it has been learned that these funds are able to be used to match federal funds. Dave Atherton noted would like more information on this subject. Mr. Shaw will provide information to Mr. Atherton. With regard to the housing piece, the Governor will be providing information on Tuesday.

5. Appointments

a) Planning Commission – Remainder of 3-year Term Ending June 30, 2022

Seth Hopkins advised a letter of interest for the Planning Commission seat has been received from Jack Schneider. Mr. Schneider is also on the Energy Committee.

Motion by Brian Coolidge/Tim Guiles to appoint Jack Schneider to the Brandon Planning Commission for the remainder of a 3-year term ending June 30, 2022. **The motion passed unanimously.**

6. Town Meeting Discussion

Dave Atherton provided information on the S172 Act. Butch Shaw stated as an overview there was Act 60 for mailing ballots for general elections and for town elections. That did not sunset at the end of the emergency order and is still in place in how to do elections and town meetings. There is an issue with the electronic town meeting without a physical location. The Senate is working on another bill for clarification due to the Open Meeting laws. Mailing ballots will be allowed, but it will be on each town's expense as the governing body and working with the town clerk on how to do that process. There will be no money from the State for this process. Seth Hopkins stated there are three topics, 1) whether to have the town meeting by zoom or in person, 2) if it will be by zoom, will there be a physical location and, 3) a discussion of mailing ballots at the Town's expense to all voters. Mr. Hopkins stated the Town Report is late in its production stages and it needs to continue to be moved along to not miss the statutory deadline.

Tim Guiles thought the Board had made the decision to mail the ballots and possibly in conjunction with the school district. Seth Hopkins stated last year the Town chose to do an electronic meeting without a physical location and thought it advisable to hold a remote meeting. He did not hear any complaints as all were looking at one screen and he would prefer, if the Governor signs the Act, to have a virtual Town Meeting without a physical location.

Motion by Seth Hopkins/Tim Guiles, pending the Governor signing S172, that Brandon holds a remote Town Meeting on Monday, February 28th, and that there be no physical location to attend. **The motion passed unanimously.**

Bill Moore suggested also having telephone access. Butch Shaw stated the Bill is in the Senate now and the Act will give procedures for how to meet.

Seth Hopkins asked if the Town Clerk's budget includes mailing ballots. He stated there was an increase in the election line as three meetings are planned for the next fiscal year. The election workers line is increased, but there is a separate line for the elections that is tripled which may include postage. Jan Coolidge confirmed the budget increase for the election is for next fiscal year. Tim Guiles thought it a good idea to mail the ballots and last year people could mail them, bring them to the Town Clerk or hand-deliver on voting day. Tracy Wyman noted concern that he had people show him ballots of people that had been deceased. Butch Shaw stated the accurate check list is what the Town has and last year they had been mailed by the State. Seth Hopkins stated if the Town is sending from the Town's checklist, it will be more accurate. Bill Moore stated the Town's voter checklist is reviewed by the BCA and votes would not be counted from someone that is deceased. Sue Gage stated not all of the towns in the school district are mailing ballots so the school district cannot mail its ballots. The school district will be providing the Town an insert that will indicate the school's ballot will not be included but can be mailed by request. For the school district, voters will either have to request a ballot to be mailed or vote in person. Ms. Gage noted because the vote was made early to mail ballots, she has ordered the additional envelopes needed. She advised that unless all of the school district's towns made the decision to mail ballots, their ballots could not be mailed. Ms. Gage had also placed on the voter website page that the Town's ballots would be mailed. Tracy Wyman noted since the Board had voted to mail the ballots, the Board should move forward that way. Dave Atherton noted the Town does not have control or authority over the school district and the Town has to be more

concerned with Brandon voters. He thinks that since there had been a motion earlier to mail the votes, it should be honored. Mr. Hopkins asked how much it costs in postage to mail the ballots. Sue Gage advised it is about \$6,000 to mail town meeting ballots that she adjusted for in next year's budget. Mr. Hopkins asked how this year's mailing would be paid. Ms. Gage stated it is not in the budget this year and will come out of a line item that is underspent. She stated the insert for the school district is still being worked out and the thought was to inform if people want the school ballot, they could mail a postcard back indicating they would like one and the school district would pay for the postage. Seth Hopkins stated the Board's decision will be maintained to mail the ballots due to the voters being informed. There will be a school district insert included to provide voters the opportunity to obtain a mailed school ballot.

7. Consider Approval of Fiscal Year 2022/2023 Budget

Seth Hopkins stated the Board had a budget to consider dated January 7th. The budget with expenditures is \$3,230,130 with \$2,217,274 to be raised by taxes. The total expenditures are down 0.42% and to be raised by taxes is down 1.2%. It was the consensus of the Board to not ask for another \$100,000 Paving Article.

Motion by Tim Guiles/Tracy Wyman to approve the 2022/2023 budget as presented. **The motion passed unanimously.**

Seth Hopkins noted the Budget Committee this year included Doug Bailey, Peter Werner, Neil Silins, Barry Varian, and Jan Coolidge. The Board appreciates their work on the Budget Committee. Mr. Hopkins thanked all who participated in the process including the Budget Committee, public and staff. He stated it is an achievement to come in with a budget that the taxpayers are going to appreciate with less spending, a little less tax and still provide the services the Town requires.

8. Consider Adding Noise Ordinance to the Ballot

Seth Hopkins reported the Board received a letter from a resident of Woods Lane indicating it was thought the noise ordinance would be on the next ballot. The Board had dedicated hearings that were well attended and the most recent activity was April 12, 2021, and the minutes of that meeting reflect a motion of 4 to 1 to maintain the current course according to State Statute. It was suggested it could be placed on the town ballot and that is where the newspaper chose to emphasize the story. Dave Atherton received a comment from VLCT indicating they proposed one or more Select Board meeting discussions on an ordinance, which had been done. They also noted that the Board could choose to place the item as a non-binding Article on the ballot. Mr. Atherton stated a survey was done last April with letters and emails also received. Mr. Hopkins stated the Board would not be placing a noise ordinance before the voters. Mr. Hopkins noted the way the adoption process works is the Board adopting an ordinance and the voters could petition the Town to rescind the order. The Board has gone through the hearings and there was not consensus to draft an ordinance. Mr. Atherton stated a non-binding article is like a poll. Tim Guiles stated since it would not cost more it would be interesting to see what the voters think. Bill Moore felt that putting out a question that is non-binding may open up another issue where it is too general. Since there were hearings and it was voted not to create a policy due to enforcing and measuring, he felt it was settled. Mr. Atherton stated there was a three-month process with

hearings and discussions, and the Board made the decision not to do an ordinance. The Board needs to honor the decision that had been made. Mr. Atherton noted there are other issues in the area that are more zoning-related that have more grounds for the Town to pursue, which the Zoning Administrator is working on. He did not think a noise ordinance would change some of the things that are making the people unhappy. Mr. Hopkins did not desire to restart this discussion but focus on whether the public is owed an input on the ballot. He stated we should affirm the sentiment or correct the sentiment that it was going to be placed on the town ballot. Tim Guiles stated non-binding does not commit the Select Board to anything and at the time it seemed the majority of the Town did not want a noise ordinance. Mr. Guiles stated there would be a benefit of getting past that there is one person who has an issue and obtain a larger sentiment. Mr. Atherton stated people are relying on the Select Board to make decisions. Tracy Wyman stated since there had been discussion, he does not see a reason to have it on the ballot because there are not major issues in Town. Neil Silins stated the discussion around noise was very emotional and led by highly charged people that influenced the discussion. Now that the heated state has calmed down, as long as it is non-binding the Board would not be held to anything if polling the community. Mr. Hopkins stated the Board would not be drafting an ordinance but finding out if there is an appetite for an ordinance and noted the Board had determined that the Town's noise ordinance is what is in State Statute.

Motion by Tracy Wyman/Brian Coolidge to not place a non-binding question regarding a noise ordinance on the ballot. **The motion passed – 4 to 1.**

Bill Moore stated either side was heated and he thought the Town is starting to heal from it and felt that putting it on the ballot would open things up again. Seth Hopkins noted people have elected the Select Board as the legislative body. The Board benefits from hearings and public input but have to take the responsibility of being the legislative body of the Town. As far as process, the Board did not say that it would hold a vote on this subject and the Board voted to maintain State Statute.

9. Consider Ad-hoc Committee to Explore Ways to Attract and Retain Employees

Seth Hopkins stated this agenda item is from an interested citizen who made the suggestion. Neil Silins stated one thing mentioned at all of the budget advisory meetings was that small towns can't keep up with the demand of hiring people and hiring those who will become community members. If it could be figured out what makes Brandon a good place to work, we would have the beginning of the process to attract and retain the people without constantly increasing the budget. Mr. Silins suggested sitting with the Police Chief and Department to come up with something that will help with welcoming people to the community. He suggested getting a group of people to study how to do this. Mr. Hopkins stated Dave Atherton is the chief operating officer and asked his thoughts. Mr. Atherton stated the only department the Town has had a hiring issue is the Police Department, which is a nationwide problem. The Town has done a great job keeping people that are local and have roots here. He feels more positive with the Police Department with five applicants for the Police Chief position, noting the Town is doing something right in attracting people. There is always the issue of money but the Department is going through a rebuilding. As far as the other departments, there has been good employee retainage. Mr. Atherton stated the Highway Department is good and he feels the Town is on a good track. Mr. Silins had heard several times about problems with getting new police officers

and that many of the machine operators in Public Works are retiring. Mr. Atherton reported the Town now has four younger public Works staff as there had been a large retirement of equipment operators. Mr. Silins stated important points for retention of employees are advancement, money, and a sense of community. Mr. Hopkins stated an important topic of discussion during the police chief interviews was the idea of meshing the police as members of the community to know and recognize them. Mr. Atherton stated one of the reasons we have had problem with retaining officers is that they don't want to be police officers anymore. Out of the people that have been here in the last five years and left, they got out of the police profession altogether. He noted there is ability to advance within Brandon's Police Department. There are currently three officers and the new Police Chief will be starting tomorrow. Two more officers will be coming out of the Academy in March. It can be made sure that it is a part of their daily activity in getting out with the public. Mr. Hopkins asked if the Town has a reputation as a desirable employer when there is a vacancy. Mr. Atherton advised with the police chief position, there were several good candidates and the big problem is housing availability but felt that Brandon is a desirable place to work. Mr. Hopkins did not see a need for a committee. Mr. Atherton is always open for ideas on incentives and noted the Town has very skilled, friendly, and knowledgeable people working here. Mr. Silins suggested looking for non-financial ways to attract people and Mr. Atherton noted he is in favor of having a discussion about this subject.

10. Consider Update to Personnel Policy Addendum C

Dave Atherton stated this item is for the health insurance and advised when doing the personnel policy, it was decided to make this an addendum that can be amended when the rates change rather than amending the entire personnel policy every year. Seth Hopkins advised this is not only for the collective bargaining employees but the employees that receive benefits because they work the required number of hours. The Town pays 85% of the Gold Plan and deposits in the Health Reimbursement accounts for out-of-pocket-expenses, deductibles, and other expenses \$1,200 for single and up to \$2,500 for family. If an employee is insured through another source, the Town will reimburse based on the plan the employee qualifies for. The Delta Dental plan is paid 100% by the Town and the Vision Service plan is paid 100% by the employee.

Motion by Tracy Wyman/Michael Markowski to update Addendum C with this year's figures. **The motion passed unanimously.**

11. Fish and Wildlife Discussion of Parcel 02-11 on Map 6

Seth Hopkins reported the Town has received a letter from Joan Allen, a conservation consultant, on behalf of Vermont Fish and Wildlife asking about a statement for Parcel 02-11 on Map 6. Mr. Hopkins read the attached letter and asked the Board's pleasure.

Motion by Tim Guiles/Michael Markowski to provide a letter that the Board does not oppose the Vermont Fish and Game to purchase the land from the landowner. **The motion passed unanimously.**

Dave Atherton will create a letter and send to Vermont Fish and Wildlife.

12. Request for Use of Local Option Tax Funds

Seth Hopkins noted there is a request for \$123,900 from the Local Option Tax fund for the purchase of the backhoe which will require a transfer retroactive to last month end. Mr. Hopkins stated the Board had previously voted to procure the backhoe with Local Option Tax funds and this request is to make an account. Dave Atherton noted the Town Treasurer wanted to have a record of this item. It was the consensus of the Board to approve the transfer of funds that had been previously voted on for the purchase of a backhoe.

13. Fiscal

a) Warrant – January 10, 2021 - \$120,640.01

Motion by Tracy Wyman/Michael Markowski to approve the warrant of January 10, 2021, in the amount of \$120,640.01. **The motion passed unanimously.**

The Select Board recessed at 8:40PM.

The Board reconvened at 8:46PM.

Motion by Tracy Wyman/Brian Coolidge to find that the premature general knowledge of a discussion concerning mediation and arbitration will clearly place the Town at a substantial disadvantage. **The motion passed unanimously.**

Motion by Tracy Wyman/Brian Coolidge to enter into executive session at 8:46PM to discuss mediation and arbitration matters under the provisions of 1 V.S.A. 313 (a)(1). **The motion passed unanimously.**

14. Executive Session

The Board came out of executive session at 9:05PM.

There was no action required.

15. Adjournment

Motion by Brian Coolidge/Seth Hopkins to adjourn the Select Board meeting at 9:05PM. **The motion passed unanimously.**

Respectfully submitted,

Charlene Bryant
Recording Secretary

Joan B. Allen
Conservation Consultant
Working on Behalf of The Nature Conservancy (VT Chapter) & VT Dept. of Fish and Wildlife
1953 Davis Road
S. Randolph, VT 05061
(802) 728-4830
joanbarballen@gmail.com

January 5, 2022

Seth Hopkins, Selectboard Chair
c/o David Atherton, Town Manager
Town of Brandon
49 Center St.
Brandon, VT 05733

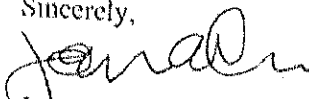
Dear Mr. Hopkins,

On behalf of the Vermont Department of Fish and Wildlife (DFW), I'm writing to request a letter of support from the Selectboard for DFW's acquisition of a 116.3 acres (by survey) parcel in Brandon, in Brandon Swamp. The property was restored and permanently conserved with the USDA Natural Resources Conservation Service a number of years ago. It will be added to the Brandon Swamp Wildlife Management Area (WMA), and in addition to further protecting its ecological values, will ensure permanent public access for fishing, hunting, wildlife viewing, and other activities. The parcel has no development or agricultural potential.

The land is owned by Paul and Frances Stone of Orwell. On the enclosed town tax map 6, it's Parcel 02-11. As with our earlier acquisitions, the property will remain on the town's tax rolls, with the state making a Payment in Lieu of Taxes (PILT) equal to your municipal tax.

It's the state's long-standing policy to ask Selectboards to indicate their support for these acquisitions. I would appreciate receiving a brief letter signed by you, confirming the Board's support. I'd be happy to attend an upcoming meeting, virtually or by telephone, if you would like to discuss this request.

Sincerely,


Joan Allen

Town Manager Report for January 24, 2022

- Sent the letter of support to Joan Allen for the sale of the Stone property to VT Fish & Wildlife
- Steve, Tim and I had a meeting with Aldrich & Elliott to discuss the Preliminary Engineering Report for the replacement of the Newton Road pump station.
- Attended a VLCT/PACIF diversity, equity, and inclusion training on January 20th. This was a three hour training that also included a presentation by two consultants from Workplace Matters. I am hoping to incorporate this training into our own DEI policy.
- Last year I started working with New England Woodcraft and Nanci McGuire of NRCS to help them with the 3 acre impervious land compliance ruling. This project was as identified within the Lake Champlain Basin Program Funded Report entitled "*Public-Private Partnership for Stormwater Management*," and has been selected to receive funding in conjunction with the American Rescue Plan Act (ARPA) Three-Acre Stormwater Program. Based on cost information made available to the Department, the project has been approved for an award of up to **\$354,738.00** of ARPA funds. The final award amount will be based upon determination of actual eligible costs for the project. The American Rescue Plan Act specifies that the grant funds must be encumbered by 12/31/2024 and that the grant funds must be expended by 12/31/2026.
- I have been working with the three Newton Road homeowners on the rest of the documentation needed for the FRCF buyout grant.

Rec Dept News:

- Hopefully by the time this report is read, the Ice Rink at Neshobe Golf Course will be open. Taking advantage of the extremely cold Temps, we are simply flooding the parking lot, 1/4 inch at a time.
- Winter Carnival will be back on the weekend of February 5/6. Working with the Neshobe PTO, Brandon Free Public Library and the Brandon Area Toy Project for a day (perhaps 2) of winter fun at the golf course. They have been grooming trails for skiing and keeping the lot clear for people to park for sledding and skating (*fingers crossed).
- Winter Cornhole is moving from Sundays to Thursday evenings at the Town Hall.

R.R.



December 30, 2021

Town of Brandon
Town Manager David Atherton
49 Center Street
Brandon, Vermont 05733

We are proud to offer you two bid proposals for your next plow truck purchase.
We sell and service both Western Star and Freightliner trucks.

2023 Western Star 47X with Viking plow package - \$232,510.00

2023 Freightliner 114SD with Viking plow package - \$217,460.00

Estimated delivery date would be early summer 2022.

Thank you for the opportunity to bid these trucks.

Sandy Ladd
Sales Department
R.R. Charlebois Inc.
Freightliner / Western Star
950 Route 7 South
Milton, Vermont 05468
158 Quarry Road
Plattsburgh, NY 12901
802-655-5040
518-314-0500
802-734-7211 cell
www.rrcharleboisinc.com



Prepared for:
SHAWN ERICKSON
BRANDON TOWN OF
49 CENTER STREET
BRANDON, VT 05733
Phone: 802-247-3600

Prepared by:
Sandy Ladd
R.R. CHARLEBOIS, INC.
950 ROUTE 7 SOUTH
MILTON, VT 05468
Phone: 802-655-5040

Freightliner

QUOTATION

114SD CONVENTIONAL CHASSIS

SET FORWARD AXLE - TRUCK
DETROIT DD13 12.8L 505 HP @ 1625 RPM, 1900 GOV
RPM, 1850 LB-FT @ 975 RPM
ALLISON 4700 RDS AUTOMATIC TRANSMISSION WITH
PTO PROVISION
RT-46-160 46,000# R-SERIES TANDEM REAR AXLE
TUFTRAC GEN2 46,000# REAR SPRING SUSPENSION
MFS-20-133A 20,000# FL1 71.0 INCH KPI/3.74 INCH
DROP SINGLE FRONT AXLE
23,000# FLAT LEAF FRONT SUSPENSION

114 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL
CAB
5325MM (210 INCH) WHEELBASE
1/2X3.64X11-7/8 INCH STEEL FRAME
(12.7MMX301.6MM/0.5X11.88 INCH) 120KSI
1600MM (63 INCH) REAR FRAME OVERHANG
PARTIAL INNER FRAME REINFORCEMENT AT FRONT
SUSPENSION
BODY COMPANY INSTALLED ADDITIONAL FRONT
FRAME REINFORCEMENT FOR SNOW PLOW

		PER UNIT	TOTAL
VEHICLE PRICE	TOTAL # OF UNITS (1)	\$ 135,127	\$ 135,127
EXTENDED WARRANTY		\$ 0	\$ 0
DEALER INSTALLED OPTIONS		\$ 82,750	\$ 82,750
CUSTOMER PRICE BEFORE TAX		\$ 217,877	\$ 217,877

TAXES AND FEES

FEDERAL EXCISE TAX (FET)	\$ (417)	\$ (417)
TAXES AND FEES	\$ 0	\$ 0
OTHER CHARGES	\$ 0	\$ 0

TRADE-IN

TRADE-IN ALLOWANCE	\$ (0)	\$ (0)
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BALANCE DUE	(LOCAL CURRENCY)	\$ 217,460	\$ 217,460
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COMMENTS:

Projected delivery on ___ / ___ / ___ provided the order is received before ___ / ___ / ___.

APPROVAL:

Please indicate your acceptance of this quotation by signing below:

Customer: X _____ Date: ___ / ___ / ___.

Daimler Truck Financial

Financing that works for you.

See your local dealer for a competitive quote from Daimler Truck Financial, or contact us at Information@dtfoffers.com.

Daimler Truck Financial offers a variety of finance, lease and insurance solutions to fit your business needs. For more information about our products and services, visit our website at www.daimler-truckfinancial.com.



Prepared for:
SHAWN ERICKSON
BRANDON TOWN OF
49 CENTER STREET
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Phone: 802-247-3600

Prepared by:
Sandy Ladd
R.R. CHARLEBOIS, INC.
950 ROUTE 7 SOUTH
MILTON, VT 05468
Phone: 802-655-5040

QUOTATION

WESTERN STAR 47X

SET FORWARD AXLE - TRUCK
DETROIT DD13 GEN 5 12.8L 525 HP @ 1625 RPM, 1900
GOV RPM, 1850 LB/FT @ 975 RPM
ALLISON 4700 RDS AUTOMATIC TRANSMISSION WITH
PTO PROVISION
RT-46-160 46,000# R-SERIES TANDEM REAR AXLE
TUFTRAC GEN2 46,000# REAR SPRING SUSPENSION
MFS-20-133A 20,000# FL1 71.0 INCH KPI/3.74 INCH
DROP SINGLE FRONT AXLE

23,000# FLAT LEAF FRONT SUSPENSION
111 INCH BBC CONVENTIONAL ALUMINUM CAB
5390MM (212 INCH) WHEELBASE, SFA ONLY
15.0MM X 89.0MM X 315.0MM STEEL FRAME
(0.59X3.5X12.4 INCH) 120 KSI
1625MM (64 INCH) REAR FRAME OVERHANG
BODY COMPANY INSTALLED ADDITIONAL FRONT
FRAME REINFORCEMENT FOR SNOW PLOW

		PER UNIT	TOTAL
VEHICLE PRICE	TOTAL # OF UNITS (1)	\$ 150,177	\$ 150,177
EXTENDED WARRANTY		\$ 0	\$ 0
DEALER INSTALLED OPTIONS		\$ 82,750	\$ 82,750
CUSTOMER PRICE BEFORE TAX		\$ 232,927	\$ 232,927

TAXES AND FEES

FEDERAL EXCISE TAX (FET)	\$ (417)	\$ (417)
TAXES AND FEES	\$ 0	\$ 0
OTHER CHARGES	\$ 0	\$ 0

TRADE-IN

TRADE-IN ALLOWANCE	\$ (0)	\$ (0)
BALANCE DUE	(LOCAL CURRENCY) \$ 232,510	\$ 232,510

COMMENTS:

Projected delivery on ___ / ___ / ___ provided the order is received before ___ / ___ / ___.

APPROVAL:

Please indicate your acceptance of this quotation by signing below:

Customer: X _____ Date: ___ / ___ / ___.

Daimler Truck Financial

Financing that works for you.

See your local dealer for a competitive quote from Daimler Truck Financial, or contact us at Information@dtfoffers.com.

Daimler Truck Financial offers a variety of finance, lease and insurance solutions to fit your business needs. For more information about our products and services, visit our website at www.daimler-truckfinancial.com.



Viking-Cives of Vermont
74 Armand Lane

Willison, VT 05495
Phone: (802) 660-9991
Fax: (802) 660-9992
www.vikingcives.com

QUOTATION

Error! Reference
Quote ID: source not found.

Page 1 of 2

Customer: RR Charlebois Inc.
950 Route 7
Milton, VT 05468

Quote Number: Brandon
Quote Date: 01/07/22
Quote valid until: 06/07/22

Contact: Sandy Ladd
Phone: 802-655-5040

Salesperson: Mike Murray

Part Number	Description	Quantity	Unit Price	Amount
	Power Tilt Hitch w/Wing Mount and Twin Chain Tilt	1		
	Quick Lock Jaws	1		
	FAH33 Hydraulic Front Mast Assembly w/Ribbed Slide	1		
	Full Trip Hinge – 10 Degree w/Lockout	1		
	H10591PQ Hydraulic Rear Shelving Support w/Quick Detach	1		
	1011WHD Wing	1		
	HD Full Trip Hydraulic Arms (Cushion Spring Lower)	1		
	Sabre Blades	2		
	Moldboard Shoes (Pair)	1		
	R114254SEF Slotted Compression Trip Moldboard w/Flare	1		
	PRR Hydraulic Reverse Slotted Compression Trip Drive Frame	1		
	Three Chain Level Lift	1		
	Quick Lock Push Lug Swivel	1		
	Sabre Blades	1		
	Slot Adjustable Frame Shoes (Pair)	1		
	Rubber Deflector	1		
	Front Mounted Large Volume Pump w/Dry Valve	1		
	Behind Cab Mounted Oil Reservoir w/Low Oil Sensor	1		
	8+2 Section Load Sharing Implement/Spreader Valve	1		
	Floor/Pedestal Mounted Air Actuated Implement Controls	1		
	Dual Function Electronic Spreader Control	1		
	Stainless Hydraulic Lines to Front and Rear	1		
	PLSD14' Side Dump Body w/Remote Lube Kit	1		
	¼" AR450 Floor w/I-Beam Long Members and Cross Members	1		
	AR450 Driver's Side Wall/Corten Safety/Support Wall	1		
	AR450 Tailgate w/Air Release	1		
	½ Cab Shield	1		
	SA Telescopic Hoist	1		
	3 Point Ladder, Gearbox Step, and Inner Body Step	1		
	Shovel Holder and Stainless Toolbox w/Poly Guard	1		
	Color Camera System w/Dual Feeds	1		
	Hydraulic Actuated Feed Gate	1		



Viking-Cives of Vermont
74 Armand Lane

Willison, VT 05495
Phone: (802) 660-9991
Fax: (802) 660-9992
www.vikingcives.com

QUOTATION

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Quote ID: source not found.

Page 2 of 2

Part Number	Description	Quantity	Unit Price	Amount
	Steel Sideboards w/Rooftop	1		
	Electric Cover w/30 Deg Alum Arms, Asphalt Tarp, Tensioner	1		
	Pintle Plate w/25 Ton Hook, Electrical Plug, and Glad Hands	1		
	Front and Rear Mud Flaps w/Front Mounted Anti-Sails	1		
	Shot Blasted, Zinc and Epoxy Primed, High Temp Baked	1		
	Painted Dupont Imron Black and High Temp Baked	1		
	LED Heated Cab Shield (4) and Corner Post Strobes	1		
	LED Heated Stop/Tail/Turns and Back Ups and LED Markers	1		
	LED Heated Plow Lights	1		
	LED Heated Spot Lights	4		
Quote Total:				\$82,750.00
Trade:				
Total Due:				\$82,750.00

The following items may be added:

Part Number	Description	Quantity	Unit Price	Amount

Customer must fill out the information below before the order can be processed...

Accepted by:	
Date:	
P.O. number:	

- The price and terms on this quotation are not subject to verbal changes or other agreements unless approved in writing by the seller. All quotations and agreements are contingent upon strikes, accidents, fires, availability of material, and all other causes beyond our control. Prices are based on cost and conditions existing on the date of quotation and are subject to change by the seller before final inspection.
- Typographical and stenographic errors are subject to correction.
- Conditions not specifically stated herein shall be governed by the established trade customs. Terms inconsistent with those stated herein which may appear on purchaser's final order will not be binding on the seller.
- Terms are due upon receipt unless prior credit has been established or established accounts are set up with Net 30-day terms.
- Quoted price does not include any applicable taxes and is subject to state and local tax, as well as Federal excise tax unless proper forms are submitted and established when applicable.
- All orders are FOB Viking facility unless noted otherwise.

Notes:

R.R.



HARLEBOIS INC.

12-30-21

Town of Brandon
Town Manager David Atherton
49 Center Street
Brandon, Vermont 05733

Extended Warranty Menu

Engine Warranty – EW4 84 months/ 100,000 miles	\$5540.00
Truck Coverage - TC4 84 months / 100,000 miles	\$5500.00
Axles - 60 months/ 100,000 miles	\$295.00
Allison Transmission 84 months / Unlimited miles	\$2976.00
Towing (covering \$550 per incident) – 84 months/unlimited miles	\$1100.00
Towing (covering \$1200 per incident) – 84 months/unlimited miles	\$2100.00

TOWN OF BRANDON, VERMONT

Forestdale Pump Station Upgrade Study Preliminary Engineering Report

January 2022



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Figure 5 – Alternative #4 – Submersible Pump Station

Figure 6 – Proposed Project

1. PROJECT PLANNING

1.1. Location

The Town of Brandon is in Rutland County in the western portion of the State of Vermont, approximately 15 miles north of the City of Rutland. The proposed Forestdale Pump Station (PS) upgrade project will occur on Town owned property near the existing Forestdale PS. The existing Forestdale PS is located at 397 Newton Road, approximately 0.4 miles west of the intersection of Newton Road and North Street as shown in Figure 1 of Appendix A.

1.2. Environmental Resources Present

The proposed Forestdale PS upgrade project will occur on Town Owned property to the East of the existing PS. The Town has acquired several properties along Newton Road in response to flooding concerns from the Neshobe River which runs parallel with the street, approximately 330 ft to the north of the road's center line. The pump station will be relocated to 389 Newton Road. A preliminary review of the ANR Natural Resource Atlas revealed the following areas of potential environmental concern in the vicinity of the project location:

1. The pump station is located within a known floodway. Given the configuration of the sewer collection system, it isn't possible to relocate this pump station outside of the floodway. However, site design should include flood protection measures and may require a flood plain impact study given Local ordinances.
2. 17 Burke Park, an adjacent property, is listed as a potential hazardous site due to a heating oil spill within the residence in 1994. This is not likely to be of environmental concern for this project.

The 100-year and 500-year base flood elevations were determined for the proposed site of the Forestdale PS. The proposed project area is detailed in Federal Emergency Management Agency (FEMA) Flood Insurance Study (FIS) Number 50021CV003A, Effective August 28, 2008. Flood Profile 86P details the site approximately 32,600 feet above the Neshobe's confluence with Otter Creek. The 100-year base flood elevation is estimated to be 515.2 ft while the 500-year base flood elevation is estimated to be 516.2 ft. Both elevations are referenced to vertical datum NAVD 88. An initial lidar-based survey of the area indicates an approximate ground elevation of 513 ft.

1.3. Population Trends

United States census data indicate that the Town of Brandon will likely maintain a relatively stable population over the next 20 years. The Town had a population of 4,223 in 1990 and a population of 4,129 in 2020. This represents an approximate population change of 2 percent over the past 30 years.

The Forestdale pump station receives flow generated throughout the unincorporated village of Forestdale within the Town of Brandon. Development potential within the pump station service

area is limited due to the proximity of the Neshobe River. The quantity of flow to be treated by the pump station is not likely to change significantly in the coming years.

The 2019 ACS 5-Year Estimate for median household income (MHI) for the Town was \$60,813, above the County average of \$56,139 and below the statewide average of \$63,001.

Table 1.1
Town of Brandon Population

	1990 Census¹	2000 Census¹	2010 Census¹	2020 Census¹
Brandon	4,223	3,917	3,966	4,129

Notes:

1. US Census Data

1.4. Community Engagement

Public engagement for the Town of Brandon is accomplished through publicly warned meetings and public votes. A presentation on the project need, alternatives, analysis, and proposed project will be made to the Selectboard and community.

2. EXISTING FACILITIES

2.1. Location Map

The proposed project location is shown as Figure 1 Location Map.

2.2 History

Wastewater is collected and conveyed to the Municipal wastewater treatment facility by a Town-owned wastewater collection system as shown in Figure 2 of Appendix A. Sewer pipes range in size from 6" to 12" and are constructed of various materials included Vitrified Clay (VC), Asbestos Cement (AC), and Polyvinyl Chloride (PVC). Sewer manholes connect sewer segments are construed of brick, concrete block, and precast concrete. Sewer manholes provide access to the system for maintenance and are located at changes in pipe alignment and grade. The Town's collection system was originally constructed from 1933 to 1938 and has since been expanded, augmented, and refurbished.

In 1960, concurrent with construction of the original wastewater treatment facility, the Forestdale pump station was constructed to collect flow generated on North Road, Furnace Road, Newton Road, and a segment of Forest Dale Road. The gravity sewer on Newton Road is 8" vitrified clay pipe which is connected to the pump station's wet well with a ductile iron pipe.

The pump station is above grade and includes two self-priming suction pumps that lift flow through a 3,360 ft long 6" cast iron force main to manhole NOR1 at the intersection of North Street and Forest Dale Road. The pump station was originally constructed in 1960 and refurbished/reconfigured in 1992 as summarized in Table 2.1.

Table 2.1
Major Forestdale Pump Station Projects

Year	Event
1960	Original Facility Construction
1992	Facility Upgrade and Reconfiguration

2.3 Condition of Existing Facilities

The Forestdale PS is a duplex type of station which consists of an above ground structure and wet well. The wet well structure is 6 ft diameter, CMU construction, and was constructed in 1960. The wet well is equipped with a bubbler level sensor used to control the duplex pumps with an alternating lead-lag configuration. The maximum storage capacity of the existing wet well is approximately 875 gallons.

Flow is withdrawn from the wet well by 4-inch ductile iron suction lines, with one line dedicated to each pump. The pumps are Model T4A3-B manufactured by Gorman Rupp. Each 25-horsepower pump is equipped with a 9.75" diameter impeller and is designed to pump 250 gallons per minute against 112 ft of total head. The pump station is powered by a 240-volt 3 phase power supply, and pumps are operated at 60 hertz. Pumps are protected by a 16 ft by 8 ft fiberglass enclosure which houses the pumps, control panel, and backup LP Gas Engine. Discharge from the two pumps is directed back through the wet well by a 4" discharge line and connects to the 6" cast iron force main.

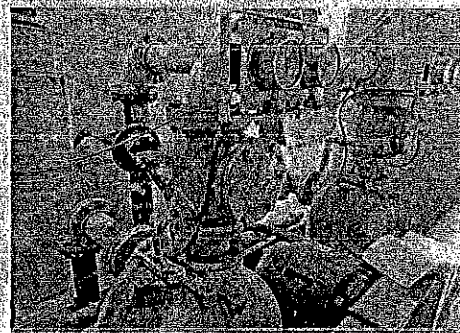
The back-up engine is a 4-cylinder design constructed by Wisconsin directly coupled to one of the pumps by a V-notch belt. The engine can provide 35.6 horsepower of energy, sufficient to run one pump in the event of a power outage.

The above grade pump station is protected by a fiberglass enclosure which was originally constructed in 1992. Operators are able to enter the enclosure for operation and maintenance of the pump station. Two ventilation dampers are provided, however, the pump station has a history of high temperatures during the summer which decreases reliability of the pumps.

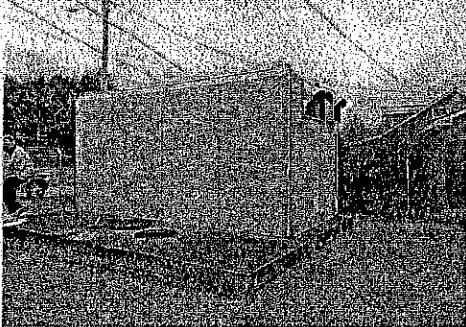
The existing control panel remains in use from original construction in 1992. The panel is connected to an autodialer which alerts Operators of alarm conditions as they occur. The wet well level sensor is a bubbler unit which has been in use since 1992. A condition assessment for the pump station was completed as part of the 2019 20-year evaluation and has been updated for this report in Table 2.2.



Forestdale PS Wet Well



Forestdale PS Centrifugal Pumps



Fiberglass Enclosure



Forestdale Control Panel

Table 2.2
Forestdale Pump Station Condition Assessment

Item	Ranking of Existing Condition					Year Installed	Projected Remaining Life (Years)	Notes
	Poor		Fair	Good				
	1	2	3	4	5			
Wet Well Structure			X			1960	10	
Wet Well Process Piping	X					1992	< 2	Heavily Corroded
Fiberglass Structure			X			1992	20	
Centrifugal Pumps		X				1992	< 2	25 HP 230V 3 Phase
Control Panel		X				1992	< 2	
Backup Engine	X					1992	< 2	LP Powered
3-Way Plug Valve			X			1992	20	
Heating/Ventilation				X		2005	15	
Fence		X				1992	5	Barbed Wire Top Brush Growing Along Outside of Fence.

2.4 Financial Status of Any Existing Facilities

Wastewater collection and treatment facilities are funded by rates and fees collected from sewer system users. The Town of Brandon has demonstrated that it possesses the technical, managerial, and financial capacity to own and operate the treatment facility and collection system.

The Town has been able to fund the operation, maintenance, and infrastructure improvements through existing customer rates. All past upgrades or improvements have been funded through bonds and loans.

2.5 Water/Energy/Waste Audits

No energy, water, or waste audits have recently been completed for the Forest Dale Pump Station.

3. NEED FOR PROJECT

3.1 Health, Sanitation, and Security

Public and environmental health are threatened when effective wastewater treatment is impaired by inoperable or failing equipment. The Forestdale pump station has shown early signs of failure which may negatively impact service customers in the pump station's collection area. If the pump station were to fail for an extended period, then wastewater could back-up through the gravity sewer into users' homes. This would pose a risk to the health and safety of residents.

The pump station is currently vulnerable to flooding damage due to its proximity to the Neshobe River and existing flood protection measures. As discussed in Section 1.2, the estimated 100-year flood elevation is 515.2 ft while the estimated 500-year flood elevation is 516.2 ft. The pump station has a finished floor elevation of 515.08 ft, below the 100-year flood elevation. If the pump station were to flood, then the pumps or control panel could fail leading to backup of wastewater into customer's houses. This would pose a risk to the health and safety of residents.

3.2 Aging Infrastructure

The Forestdale pump station was originally constructed in 1960 and refurbished in 1992. As documented in Table 2.2, the Pump Station has multiple components which have reached the end of their expected service lives including the pumps, process piping, control panel, and backup engine.

In addition to the components which are past their expected service lives Operators have reported recent difficulties with operating the pump station. These include the following:

- The check valve installed on the 4" discharge line has failed and has been temporarily replaced by a make-shift flap valve to limit air-locking within the force main.
- In November 2021, Operators reported receiving multiple alarm notifications from the pump station with no determinable cause. The alarm system has been disabled as it is unreliable.
- The LP powered engine is the only backup LP powered engine in use by the Town and has had increased maintenance needs while offering less reliability than other emergency power sources employed. The Town has indicated a desire to move away from this backup power source to an emergency generator like that in use at the WWTF and the Champlain St. Pump station.
- A pump drawdown test was completed in November of 2021 which indicated that pumps are only lifting 90 gallons per minute of flow, this is significantly less than the design pumping rate of 250 gallons per minute and may be an indication that the pumps are failing.

3.3 Reasonable Growth

The Forestdale pump station service area is known to be susceptible to extraneous flow due to the introduction of infiltration and inflow to the system. Systems which treat large quantities of extraneous water typically observe peak treatment demands during the months of March through May when winter melt combines with higher-than-average precipitation. A summary of daily pump station runtimes for March through May 2021 is presented in Table 3.1.

Table 3.1
March-May 2021 Forestdale PS Runtime Summary

Month	Average Daily Runtime			Average Daily Flow ¹
	Pump #1	Pump #2	Combined	
March	5.4 hrs	4.2 hrs	9.6 hrs	51,588 gallons
April	5.2 hrs	6.3 hrs	11.5 hrs	61,965 gallons
May	4.7 hrs	6.7 hrs	11.4 hrs	61,290 gallons
Average:	5.1 hrs	5.7 hrs	10.8 hrs	58,281 gallons

Notes:

1. Average daily flow is based on measured pump performance of 90 gpm instead of design pump rate of 250 gpm. Flows may be higher than shown if pump is operating closer to design capacity.

VT Environmental Protection Rule (EPR) Chapter 1, Subchapter 8 recommends that the appropriate design flow per residence is 245 gallons per day. The recommended design infiltration and inflow rate is 300 gallons per day per inch-mile of collection sewer. Satellite imagery of the Forestdale pump station service area suggests that (at most) 125 residences are connected to the pump station, in addition the area contains 13.7 in-mile of sewer. Using the recommended design criteria, the estimated flow to the pump station is approximately 34,000 gallons per day. As summarized in Table 3.1 the flow received by the pump station is significantly greater during the spring, at least 170% the flow expected. This indicates that extraneous water is the primary contributor of flow to the pump station. A separate Infiltration and Inflow reduction study is underway to help address this issue.

Despite the high quantity of flow received by the Forestdale PS, the station has successfully maintained treatment. Once extraneous water sources are identified and mitigated, the pump station should have more than sufficient capacity for potential population growth in the area.

4. ALTERNATIVES CONSIDERED

4.1 Description

The following Alternatives were identified for a comprehensive technical and economic evaluation for refurbishment of the Forestdale Pump Station.

- #1: Do Nothing
- #2: Wet Well / Dry Well Centrifugal Pump Station
- #3: Submersible Pump Station
- #4: Above Grade Suction Lift Pump Station

4.2 Preliminary Design Criteria

Forestdale pump station record drawings were used to confirm preliminary design criteria for this project. The pump station discharges via a 3,360 ft long 6" force main. The original pump curve shows a pumping capacity of 250 gpm against a total head of 112 feet. The static head between the wet well and the discharge manhole is estimated to be 85 feet.

For the purpose of sizing the pump station, based on the 6" force main, a minimum capacity of 180 gpm is required to maintain a velocity above 2 ft/sec in the force main. It is recommended that the current design flowrate of 250 gpm (sufficient to produce a velocity of approximately 2.8 ft/sec) be maintained. The preliminary design criteria for the pump station are summarized in Table 4.1.

Table 4.1
Preliminary Design Criteria

Parameter	Design Conditions
Pumps	
Number	2 (1 standby)
Capacity	250 gpm
Total Head	112 ft
Forcemain	
Size	6"
Length	3,360 ft
Design Velocity	2.5 ft/sec

4.3 Environmental Impacts

The proposed Forestdale PS upgrade project will occur on Town Owned property to the East of the existing PS. The Town has acquired several properties along Newton Road in response to flooding concerns from the Neshobe River which runs parallel with the street, approximately 330 ft to the north of the road's center line. The pump station will be relocated to 389 Newton Road.

A preliminary review of the ANR Natural Resource Atlas revealed the following areas of potential environmental concern in the vicinity of the project location:

1. The pump station is located within a known floodway. Given the configuration of the sewer collection system, it isn't possible to relocate this pump station outside of the floodway. However, site design should include flood protection measures and may require a flood plain impact study given local ordinances.
2. An adjacent property is listed as a potential hazardous site due to a heating oil spill within the residence in 1994. This is not likely to be of environmental concern for this project.

The 100-year and 500-year base flood elevations were determined for the proposed site of the Forestdale PS. The proposed project area is detailed in Federal Emergency Management Agency (FEMA) Flood Insurance Study (FIS) Number 50021CV003A, Effective August 28, 2008. Flood Profile 86P details the site approximately 32,600 feet above the Neshobe's confluence with Otter Creek. The 100-year base flood elevation is estimated to be 515.2 ft while the 500-year base flood elevation is estimated to be 516.2 ft. Both elevations are referenced to vertical datum NAVD 88. An initial lidar-based survey of the area indicates an approximate ground elevation of 513 ft.

4.4 Alternatives Considered

4.4.1 Alternative #1 – Do Nothing

Description

For this alternative, no changes would occur. The existing above grade pump station would remain in operation. This would require the Town to continue excessive monitoring and maintenance activities as the alarm system has failed and pumps require significant intervention to remain operational.

Technical Evaluation

This alternative would not address the age-related or physical deficiencies noted in Section 3.2 of this report.

Given the severity of noted deviancies this is not considered a viable Alternative.

4.4.2 Alternative #2 – Wet Well / Dry Well Centrifugal Pump Station

Description

A new wet well and adjacent dry well could be constructed to replace the existing pump station. Under this Alternative, submersible dry-pit pumps and valves would be constructed in a dry well adjacent to the wet well. Dry wells are designed to be accessible for maintenance and typically require ventilation systems, sufficient area to perform work, and flood protection measures such as a waterproof cover or sump pumping provisions to remove water from the structure.

Technical Evaluation

This Alternative has several disadvantages which limit its applicability for this project.

The alternative requires a significantly larger footprint than Alternative #3 or Alternative #4. The dry well must be constructed with sufficient space for regular pump maintenance and servicing. Due to the larger footprint required, this Alternative would result in the greatest disturbance to the area and would carry a significantly higher construction cost.

The proposed project area is near the Neshobe river corridor and has a history of flooding. Dry wells are particularly vulnerable to flooding concerns as the structure is located below grade and flow that enters must be evacuated by a pumping system. If the dry well were to flood, it is likely that significant damage would occur to the pump station, potentially rendering it unusable.

Due to concerns with flooding, and significantly higher initial construction costs, this is not considered a viable alternative and was removed from further consideration.

4.4.3 Alternative #3 – Above Ground Pump Station

Description

A new above ground pump station and associated wet well would be constructed upstream of the existing station at 389 Newton Road. During construction the existing pump station would remain in operation to simplify construction and phasing of the project.

A new wet well would be constructed and connected to the existing gravity sewer on Newton Road. The wet well would have an interior diameter of 6 ft and a total depth of approximately 10 ft. A new fiberglass enclosure above grade would house two self-priming centrifugal pumps. The pumps would be connected to the wet well by 4" diameter suction lines and discharge through a 4" diameter discharge line which would be tied to the existing 6" force main. The enclosure would measure approximately 100 square ft and would be protected from the 500-year flood elevation by ensuring the threshold had a minimum elevation of 516.2 ft.

The self-priming centrifugal pumps would have a design pumping capacity of 250 gallons per minute (gpm) against 112 ft of total dynamic head. Each pump would be equipped with a 25 HP motor and would be controlled by a variable frequency drive. A new propane powered emergency generator would be installed to provide backup power. The generator will be protected from the 500-year flood elevation to minimize the risk of power disruption during a high flow event.

A level transducer would be installed in the wet well which would report the wet well's water level to a level control system within the enclosure. The duplex pump station would operate in an alternating lead-lag configuration. Once the water level reaches a set point the control panel would call for one pump to turn on and lower the water to a set low-water point. If flow enters the wet well faster than it can be pumped out by the lead pump, the water level will continue to rise until it reaches a second set point which initiates the second pump (lag pump) to start pumping as well. If the two pumps, working together, are unable to lower the wet well's level to the low-water point

and the water level continues to rise it will reach the high-water alarm point which alerts operators that the wet well runs the risk of flooding. The pump station will be equipped with a communication device which can send an alarm signal to operators through the Wastewater Treatment Facility's SCADA or Autodialer system.

A new manhole would be installed where the discharge line is connected to the forcemain. Within the structure a two-way cleanout would be installed so that the line can be routinely cleaned by jetting, or the insertion of a foam pipe insert.

This Alternative is shown on Figure 4 of Appendix A. Further technical information regarding this alternative can be found in Appendix B.

Technical Evaluation

This alternative would effectively replace the existing pump station in-kind with a new above grade pump station. Unlike submersible pumps installed directly in the wet-well, the pumps are afforded protection from the corrosive wet-well atmosphere. Pumps can be directly observed and maintenance activities do not require operators to conduct a confined space entry. This can extend the life of the pumps and is safer for a single operator to check on and maintain equipment.

The proposed above-grade centrifugal pumps have some drawbacks when compared to submersible centrifugal pumps. To maintain functionality, the suction lines must be filled with water through a 'priming' function. These priming systems may be a source of increased maintenance when compared to submersed centrifugal pumps. In addition, the suction requirements decrease the efficiency of the above-grade pumps when compared with submersible pumps.

Some of the Advantages and Disadvantages of this alternative are summarized in Table 4.2.

Table 4.2
Alternative #3
Above Ground Pump Station
Advantages and Disadvantages

Advantages	Disadvantages
Pumps and other accessories are accessible at grade, reducing confined space entry requirements.	Pumps require a self-priming system which decreases efficiency and may increase maintenance requirements.
Flood risk is minimized as electronics are protected by a weatherproof enclosure above the flood plain.	Alternative carries a higher capital cost compared to Alternative #4.
Pumps have improved reliability over submersible pumps.	Structure may require a flood impact study to be completed per local ordinances.

4.4.4 Alternative #4 – Submersible Pump Station

Description

A new submersible pump station would be constructed upstream of the existing station at 389 Newton Road. During construction the existing pump station would remain in operation to simplify construction and phasing of the project.

Diesel Generator
The submersible pump station would consist of a new wet well, valve pit, control panel, and emergency generator. The wet well would have an interior diameter of 6 ft and a total depth of approximately 10 ft. Two (2) 25-horsepower submersible pumps would be constructed each attached to a dedicated 4" discharge line by a break-away fitting. Stainless steel slide rails would be installed within the wet well and the pumps equipped with lifting chains. The wet well would be accessible by a 4 ft by 4 ft aluminum access hatch. A portable crane base and portable crane would be included to facilitate removal of the pumps.

The two four-inch discharge lines would exit the wet well and enter a 5 ft diameter valve pit. The valve pit would contain check-valves, pressure gauges, and a fitting to combine flow from the two submersible pumps. The discharge from the valve pit would be a 6" cast-iron discharge line which would be tied into the existing force main. A two-way fitting would be installed in the valve pit so that the force main could be cleaned by jetting or a foam insert could be run through the line (also known as pigging).

Each submersible pump would have a design pumping capacity of 250 gallons per minute (gpm) against 112 ft of total dynamic head. Each pump would be equipped with a 25 HP motor. A new propane powered emergency generator would be installed to provide backup power. The generator would be protected from the 500-year flood elevation to minimize the risk of power disruption during high flow events.

Submersible pumps used in wastewater applications are typically either solids-handling pumps or grinder/chopper pumps. Grinder/chopper pumps break solids in the wastewater into smaller pieces that are less likely to plug the pump or force main. Solids handling pumps typically have a higher efficiency than grinder/chopper pumps and are designed to pass solids with a diameter up to 2.5". Given the existing force main size of 6" it is unlikely that solids able to pass through a solids handling pump would be capable of plugging the force main. Given the minimal risk of clogging, and higher efficiency, this Alternative would use solids handling pumps.

A level transducer would be installed in the wet well which would determine the water level. The level transducer would be connected to a level control system within the control panel at grade. The duplex pump station would operate in an alternating lead-lag configuration. Once the water level reached a set point the control panel would call for one pump to turn on until the water reached a set low-water point. If flow enters the wet well faster than it can be pumped out by the lead pump, the water level would continue to rise until it reached a second set point. At the second set point the second pump (lag pump) would be called to start pumping as well. If the two pumps,

working together, are unable to lower the wet well's level to the low-water point and the water level continued to rise it will reach the high-water alarm point which alerts operators that the wet well runs the risk of flooding. The pump station will be equipped with a communication device which can send an alarm signal to operators through the Wastewater Treatment Facility's SCADA or Autodialer system.

This Alternative is shown on Figure 5 of Appendix A. Further technical information regarding this alternative can be found in Appendix C.

Technical Evaluation

A pump station equipped with submersible pumps would be more efficient than an above ground pump station and would use less energy over the lifespan of the pump station. However, the pumps would be located within a wet well. The corrosive environment typically reduces the life expectancy, and increases maintenance needs, of submersible pumps compared to above-grade centrifugal pumps. While submersible pumps are typically lifted from the wet well to perform work, maintenance operations will likely require operators to complete additional confined space entries to maintain this Alternative.

The top of the wet well would be constructed above the top of the 500-year flood elevation. However, the submersible pump station would not require any additional structures to be installed above grade, this may be advantageous due to the Town's local flood regulations. Additional equipment above grade includes the control panel and the emergency generator. These items would be protected from flooding by ensuring they are located above the 500-year flood elevation. The well and valve pit would be constructed with waterproof hatches to limit flooding of these structures.

Some of the Advantages and Disadvantages of this alternative are summarized in Table 4.4.

Table 4.4
Alternative #4
Submersible Pump Station
Advantages and Disadvantages

Advantages	Disadvantages
More efficient pumps.	Requires increased operator intervention.
Lower capital cost	More confined space entries required.
Priming system not required.	Requires separate valve pit

4.4.5 Estimated Construction Cost

As Alternatives No. 1 and No. 2 are not recommended, estimated construction costs were only developed for Alternative No. 3 and Alternative No.4. The estimated construction cost is approximately \$495,000 for Alternative No. 3 and \$385,000 for Alternative No. 4 as summarized in Table 4.5. A more detailed breakdown of the cost estimates is provided in Appendix D.

Table 4.5
Pump Station Alternatives
Estimated Construction Cost Comparison

Item Description	Alternative #3: Above Grade Pump Station⁽¹⁾	Alternative #4: Submersible Pump Station⁽¹⁾
General Requirements ²	\$ 41,400	\$ 33,600
Demolition	\$ 35,400	\$ 35,000
Sitework	\$ 44,000	\$ 45,600
Yard Piping	\$ 23,500	\$ 23,500
Concrete	\$ 5,000	\$ 4,000
Building	\$ 50,000	--
Equipment	\$ 150,000	\$ 112,000
Instrumentation	\$ 4,000	\$ 4,000
Process Piping	\$ 32,000	\$ 29,000
Electrical	\$ 75,000	\$ 75,000
Subtotal	\$461,500	\$ 368,700
Overhead and Profit ³	\$ 36,920	\$ 29,496
Total	\$498,420	\$ 398,196
USE	\$500,000	\$ 400,000

Notes:

1. ENR = 12650, December 2021
2. General Requirements are assumed to be 10% of the Subtotal
3. Overhead and Profit is assumed to be 8% of the Total.

5. SELECTION OF AN ALTERNATIVE

5.1 Life Cycle Cost Analysis

A lifecycle cost analysis was completed for the two viable alternatives identified in Section 4. The Net Present Cost (NPC) of each alternative was estimated over a 20-year period. The NPC quantifies the economic benefit of each alternative over the expected life of the project. The assumed discount rate was 2.5%. The analysis, summarized in Table 5.1, included:

- Capital cost for construction of the alternative
- Energy use of the alternative
- Estimated O&M costs of the Pump Station
- Estimated salvage value of the equipment

Table 5.1
Net Present Cost Analysis of Alternatives

Lifecycle Item	Alternative #3 Above Grade Pump Station	Alternative #4 Submersible Pump Station
Construction	\$ 500,000	\$ 400,000
Energy Cost Estimate	\$ 190,500	\$ 179,300
Operation and Maintenance	\$ 117,000	\$ 148,000
Salvage Value	\$ 4,500	\$ 3,400
Net Present Cost (NPC):	\$ 812,000	\$ 730,700

This analysis suggests that Alternative #4, Submersible Pump Station, will carry a Net Present Cost approximately 10% lower than Alternative #3, construction of an Above Grade Pump Station.

5.2 Non-Monetary Factors

The proposed pump station will be in an area with a recent history of flooding. The above grade pump station alternative would be able to provide a greater degree of flood protection by locating all pumps above the 500-year flood elevation. In addition, operation of the Above Grade pump station would include fewer classified space entries. This would improve operator safety and simplify operation of the pump station. Classified space entries require a minimum of two individuals to be conducted safely. Wastewater facilities are currently staffed by a team of two, maintenance of a new submersible pump station would severely limit flexibility of operation when confined space entries are required.

The Above Grade centrifugal pumps are located outside of the wet well and are protected from this humid/corrosive environment. The favorable environment typically increases the life expectancy of these pumps over submersible units.

The submersible pump station alternative would have a smaller impact on the floodplain by placing less infrastructure above grade. However, neither Alternative is expected to have a significant impact on the floodplain. Construction of the submersible pump station and associated wet well will require additional excavation compared to the above ground pump station alternative. Poor subgrade conditions, for example a high-water table or heavy presence of ledge, may significantly increase construction costs of a submersible pump station and may limit the cost advantages of this alternative.

Non-monetary factors favor the selection of Alternative #3, Above Grade Pump Station. These factors have been summarized in Table 5.2.

Table 5.2
Non-Monetary Factors

Alternative	O&M Requirements	Energy Efficiency	Life Expectancy	Floodplain Vulnerability
#3: Above Grade Pump Station	Least	Least	Most	Least
#4: Submersible Pump Station	Most	Most	Least	Most

5.3 Selected Alternative

Alternative #4, Submersible Pump Station, carries a lower capital and lifecycle cost. However, Alternative #3, Above Grade Pump Station offers significant non-monetary advantages. The non-monetary advantages, coupled with the Town's preference, warrant the selection of Alternative #3.

6. PROPOSED PROJECT

6.1 Project Description

To address the priority items identified at the Forestdale pump station an overall refurbishment project is proposed. The project will focus on addressing age-related needs to minimize potential service disruptions to users within the Forestdale pump station collection area. The following describes the elements of the proposed project, as shown on Figure 6 of Appendix A.

- A new 6-foot diameter precast wet well will be constructed with a depth of approximately 10 ft.
- A new fiberglass enclosure above the wet well at an elevation above the 500-year flood elevation. The enclosure will contain two self-prime or vacuum prime pumps, valves, control panel, and telemetry.
- A new on-site emergency generator will be constructed to provide emergency power in the event of a power outage. The generator will be equipped with an automatic transfer switch to continue service once power is disrupted.

Information from manufacturers of self-priming and vacuum priming pump systems is provided in Appendix B.

6.2 Project Schedule

A proposed project schedule was developed and is presented in Table 6.1.

Table 6.1
Proposed Project Schedule

Projected Date		Task
2022	January	Finalize preliminary engineering report
	February	Begin final design
	July	Complete final design
	August	Bid advertisement
	September	Start construction
2023	April	Finish construction

At the time of writing this preliminary engineering report equipment delivery timeframes are greatly extended. The proposed project schedule assumes that equipment delivery timeframes will return to normal.

6.3 Permit Requirements

A list of potential permits required for this project is provided below:

- Environmental Review: An Environmental Review Report will need to be prepared for the proposed project.
- State of Vermont Land Use (Act 250) Permit: Information will be submitted requesting a determination on whether an Act 250 permit or amendment will be required for this project at the Start of Final Design. Given the size of the project, it is not anticipated that an Act 250 permit will be required.
- Department of Public Safety Construction Permit: An application may be required for the above grade pump enclosure. This permit application will be prepared at the 90% stage of Final Design.
- Local: Applicable Town approvals will need to be secured for the proposed construction activities. This may include a flood impact study based on the Town's river corridor regulations.

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Vendor	Invoice Date	Invoice Description Invoice Number	Account	Amount Paid	Check Number	Check Date
310383	ADIRONDACK TIRE CORP	01/05/22 tires for truck #4 0373710	10-5-15-41170 HW Tires - Vehicles	2163.72	50529	01/24/22
310383	ADIRONDACK TIRE CORP	01/05/22 tires for trackless 0373711	10-5-15-41170 HW Tires - Vehicles	799.80	50529	01/24/22
200263	ALDRICH & ELLIOTT, PC	01/01/22 WWTF upgrade final design 80313	20-5-60-20130 WW Final Design	24701.16	50530	01/24/22
200263	ALDRICH & ELLIOTT, PC	01/01/22 Newton Road pump station 80340	20-5-65-20010 Newton PS Study	3745.00	50531	01/24/22
311015	BEN'S UNIFORMS	12/27/21 shirts, vest 100895	10-5-14-10320 Clothing Allowance	571.00	50532	01/24/22
100190	BLUE SEAL FEEDS	01/06/22 ice trekker, jacket 329-0365	10-5-15-41120 Safety Equipment	103.98	50533	01/24/22
100190	BLUE SEAL FEEDS	01/11/22 gloves, jacket 329-0740	10-5-15-41120 Safety Equipment	82.98	50533	01/24/22
310709	BMI	01/02/22 annual fee 41772645	10-5-18-43140 Town Hall	391.00	50534	01/24/22
100255	BRANDON FIRE DISTRICT #1	01/20/22 water portion of bills JAN 2022	90-5-15-90600 Paid To BFD No 1	58610.32	50535	01/24/22
310699	BRANDON GLC SOLAR, LLC	02/01/22 monthly solar electric 181	20-5-55-42130 Electric	1935.00	50536	01/24/22
310699	BRANDON GLC SOLAR, LLC	02/01/22 monthly solar electric 181	10-5-22-42130 Bldgs & Grounds Electric	2365.00	50536	01/24/22
100280	BRANDON LUMBER & MILLWORK	01/14/22 epoxy, tape 919834/3	10-5-22-43080 Highway Bldg Maint	39.96	50537	01/24/22
100280	BRANDON LUMBER & MILLWORK	01/14/22 clamp, couple repair 919858/3	10-5-22-43080 Highway Bldg Maint	9.17	50537	01/24/22
100280	BRANDON LUMBER & MILLWORK	01/15/22 torch 920005/3	20-5-55-43160 Maint. Supplies - General	5.99	50537	01/24/22
100280	BRANDON LUMBER & MILLWORK	01/17/22 spruce 920198/3	20-5-55-43160 Maint. Supplies - General	56.32	50537	01/24/22
100280	BRANDON LUMBER & MILLWORK	01/19/22 propane cylinder, propane 920397/3	10-5-22-43080 Highway Bldg Maint	68.58	50537	01/24/22
100280	BRANDON LUMBER & MILLWORK	01/19/22 propane 920426/3	10-5-22-43080 Highway Bldg Maint	13.59	50537	01/24/22
100280	BRANDON LUMBER & MYLLWORK	01/20/22 fasteners, silicone 920486/3	10-5-15-41160 HW Maint. Supplies-Vehicl	21.46	50537	01/24/22
100280	BRANDON LUMBER & MILLWORK	01/21/22 nozzles 920601/3	10-5-18-60060 Ice Skating	23.58	50537	01/24/22
100198	CARGILL, INCORPORATED	12/30/21 salt 2906771702	10-5-15-47110 Road Salt	1613.24	50538	01/24/22
100198	CARGILL, INCORPORATED	01/03/22 salt 2906776641	10-5-15-47110 Road Salt	1585.04	50538	01/24/22
100198	CARGILL, INCORPORATED	01/11/22 salt 2906800614	10-5-15-47110 Road Salt	1613.24	50538	01/24/22
100860	CARROLL, BOE, PELL & KITE	01/10/22 Legal - Kahrs 35899	10-5-10-21110 Legal Services	1864.18	50539	01/24/22
100860	CARROLL, BOE, PELL & KITE	01/10/22 Legal - Union 35900	10-5-10-21110 Legal Services	168.00	50539	01/24/22
100462	CASELLA WASTE MANAGEMENT	01/01/22 Dec trucking of sludge 2643767	20-5-55-50170 Trucking	1860.00	50540	01/24/22

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301503	01/04/22	diesel fuel 573180	10-5-15-41130 Fuel - Vehicles HW	646.81	50541	01/24/22
301503	01/05/22	heating fuel @ HWY 610485	10-5-22-42110 Heating Fuel	438.92	50541	01/24/22
301503	01/05/22	heating fuel @ Town Hall 610629	10-5-22-42110 Heating Fuel	385.81	50541	01/24/22
301503	01/10/22	diesel fuel 618801	10-5-15-41130 Fuel - Vehicles HW	927.74	50541	01/24/22
310097	01/02/22	service: 01/09 - 02/08 EST 01/02/22	10-5-18-42100 Recreation Telephone	111.34	50542	01/24/22
310097	12/27/21	service: 01/04 - 02/03 PD 12/27/21	10-5-14-42100 PD Telephone Service	425.37	50543	01/24/22
310097	01/09/22	service: 01/16 - 02/15 TH 01/09/22	10-5-22-43150 Town Hall Repair/Maint.	92.20	50544	01/24/22
310037	01/06/22	service: Dec 06 to Jan 05 HWY 01/06/22	10-5-15-42100 HW Telephone	94.36	50545	01/24/22
310037	01/06/22	service: Dec 06 to Jan 05 PD 01/06/22	10-5-14-42100 PD Telephone Service	49.06	50545	01/24/22
100470	01/06/22	2-cycle oil 0066808	10-5-15-41160 HW Maint. Supplies-Vehicl	54.63	50546	01/24/22
100456	01/10/22	Arnold Dist Bridge #6 122010	56-5-10-30100 Arnold Dist Culvert	7185.76	50547	01/24/22
300466	01/11/22	portable toilet fee 68548	10-5-18-60100 Seminary Hill	115.00	50548	01/24/22
300466	01/11/22	portable toilet fee 68548	10-5-18-43130 Estabrook	115.00	50548	01/24/22
101007	01/11/22	repairs to 2013 Workstar 29387	10-5-15-41180 HW Outside Maint. - Vehic	1608.02	50549	01/24/22
100494	01/13/22	testing 397627	20-5-55-22120 Testing	155.00	50550	01/24/22
310956	01/09/22	pants 1-9-22	10-5-15-10320 Clothing Allowance	16.99	50551	01/24/22
100756	01/04/22	valves 74460622	20-5-55-43160 Maint. Supplies - General	228.72	50552	01/24/22
300187	12/30/21	plant mix 231271	10-5-15-46140 Gravel	1282.75	50553	01/24/22
310426	01/08/22	propane @ WW lab bldg 54919	20-5-55-42110 LP Gas - Bldgs	457.06	50554	01/24/22
310426	01/08/22	propane @ WW chem bldg 54920	20-5-55-42110 LP Gas - Bldgs	248.82	50554	01/24/22
310426	01/10/22	propane @ Town Hall 54935	10-5-22-42100 Heating - Propane	375.59	50554	01/24/22
310426	01/17/22	propane @ Police Dept. 65136	10-5-22-42100 Heating - Propane	368.60	50554	01/24/22
100650	12/16/21	boots 020015485	10-5-14-10320 Clothing Allowance	132.45	50555	01/24/22
100650	12/30/21	belt keepers with snaps 020111229	10-5-14-10320 Clothing Allowance	69.27	50555	01/24/22
100725	12/30/21	windshield wash, shampoo 177264	10-5-14-41160 PD Maint. Supplies-Vehicl	36.08	50556	01/24/22

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100725	GREEN MOUNTAIN GARAGE	01/10/22 filter, chain tighteners 177647	10-5-15-41160 HW Maint. Supplies-Vehicl	119.47	50556	01/24/22
100725	GREEN MOUNTAIN GARAGE	01/13/22 links, antifreeze 177815	10-5-15-41160 HW Maint. Supplies-Vehicl	13.44	50556	01/24/22
100725	GREEN MOUNTAIN GARAGE	01/14/22 diesel additive 177859	20-5-55-41180 Maintenance-Vehicles	14.07	50556	01/24/22
100725	GREEN MOUNTAIN GARAGE	01/15/22 torch kit 177928	20-5-55-43160 Maint. Supplies - General	40.95	50556	01/24/22
100725	GREEN MOUNTAIN GARAGE	01/17/22 oil 177948	20-5-55-43160 Maint. Supplies - General	5.18	50556	01/24/22
100725	GREEN MOUNTAIN GARAGE	01/18/22 fittings, hose 177983	10-5-15-41160 HW Maint. Supplies-Vehicl	67.28	50556	01/24/22
310233	GREEN MOUNTAIN POWER	01/03/22 7 Conant Sq - lighting 01/22 047828	10-5-22-42130 Bldgs & Grounds Electric	39.62	50557	01/24/22
310233	GREEN MOUNTAIN POWER	01/04/22 Central Park, lights 01/22 170028	10-5-22-42130 Bldgs & Grounds Electric	722.57	50557	01/24/22
310233	GREEN MOUNTAIN POWER	01/04/22 Estabrook Park 01/22 240302	10-5-22-42130 Bldgs & Grounds Electric	24.79	50557	01/24/22
310233	GREEN MOUNTAIN POWER	01/05/22 WWTP 01/22 260302	20-5-55-42130 Electric	3698.82	50557	01/24/22
310233	GREEN MOUNTAIN POWER	01/04/22 Carver St Pump Station 01/22 290502	20-5-55-42130 Electric	47.05	50557	01/24/22
310233	GREEN MOUNTAIN POWER	01/04/22 Green Park 01/22 317702	10-5-22-42130 Bldgs & Grounds Electric	22.69	50557	01/24/22
310233	GREEN MOUNTAIN POWER	01/04/22 Country Club Pump Station 01/22 338602	20-5-55-42130 Electric	28.84	50557	01/24/22
310233	GREEN MOUNTAIN POWER	01/03/22 car chargers 01/22 339840	10-5-22-42500 Electric EV Car Stations	140.27	50557	01/24/22
310233	GREEN MOUNTAIN POWER	01/05/22 Town Hall 01/22 451302	10-5-22-42130 Bldgs & Grounds Electric	227.48	50557	01/24/22
310233	GREEN MOUNTAIN POWER	01/04/22 Brookdale Pump Station 01/22 467702	20-5-55-42130 Electric	103.31	50557	01/24/22
310233	GREEN MOUNTAIN POWER	01/03/22 Crescent Park 01/22 737937	10-5-22-42130 Bldgs & Grounds Electric	121.59	50557	01/24/22
310233	GREEN MOUNTAIN POWER	01/05/22 Police Station 01/22 822212	10-5-22-42130 Bldgs & Grounds Electric	154.25	50557	01/24/22
310233	GREEN MOUNTAIN POWER	01/04/22 street lights 01/22 851302	10-5-22-42130 Bldgs & Grounds Electric	3052.74	50557	01/24/22
310233	GREEN MOUNTAIN POWER	01/04/22 WWTP security light 01/22 860302	20-5-55-42130 Electric	27.18	50557	01/24/22
310233	GREEN MOUNTAIN POWER	01/05/22 Champlain St Pump Station 01/22 867702	20-5-55-42130 Electric	185.83	50557	01/24/22
310233	GREEN MOUNTAIN POWER	01/05/22 Town Offices 01/22 941302	10-5-22-42130 Bldgs & Grounds Electric	609.15	50557	01/24/22
301025	IMPACT FIRE SERVICES LLC	12/27/21 extinguisher inspection 11315359	20-5-55-42150 Outside Maint. - Bldgs	74.25	50559	01/24/22
301025	IMPACT FIRE SERVICES LLC	12/27/21 extinguisher inspection 11315432	10-5-22-43080 Highway Bldg Maint	241.00	50559	01/24/22
100811	INITIAL IDEAS	01/13/22 Plaque- retirement RP 94039	10-5-14-30120 Professional Supplies	50.00	50560	01/24/22

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311076	KELLY, ROBERT J OR LESLIE	01/14/22 tax over paid 0083-0867	10-2-00-02120 Anticipated Tax Credits	2066.40	50561	01/24/22
310630	MASTERCARD	12/01/21 retirement gift 44681	10-5-14-30120 Professional Supplies	165.80	50562	01/24/22
310630	MASTERCARD	12/08/21 polygraph 44683	10-5-14-30130 Service Contracts	350.00	50562	01/24/22
310630	MASTERCARD	12/13/21 Placque 44684	10-5-14-30120 Professional Supplies	74.31	50562	01/24/22
310630	MASTERCARD	12/17/21 business cards 44685	10-5-14-30110 Office Supplies	56.70	50562	01/24/22
310630	MASTERCARD	11/30/21 S6 Stormwater 9050 permit 61487	46-5-50-62050 RT 7 Permits / Ads	240.00	50562	01/24/22
310630	MASTERCARD	12/02/21 cornhole board sets 61488	10-5-18-50090 Adult Activities	1467.75	50562	01/24/22
310630	MASTERCARD	12/07/21 VCDA Fall Conf. 61489	10-5-21-75000 Economic Development	20.00	50562	01/24/22
310630	MASTERCARD	12/06/21 Celtics bus trip 12/31 61490	10-5-18-60010 Bus Trips	2080.00	50562	01/24/22
		48 tickets-\$6,480, prior credit of \$4,400.				
310630	MASTERCARD	12/11/21 light bulbs 61491	10-5-22-43150 Town Hall Repair/Maint.	179.91	50562	01/24/22
310630	MASTERCARD	12/09/21 Microsoft renewal 61492	10-5-14-30110 Office Supplies	74.89	50562	01/24/22
330377	MATTHEW BENDER & COMPANY,	12/27/21 VT Stats 29619653	10-5-14-10330 Dues & Subscriptions	473.61	50563	01/24/22
301033	MOMAR INC	12/29/21 degreaser PSI428276	20-5-55-51230 Outside Equip. - Pump St.	384.26	50564	01/24/22
310691	MURACH, ADAM	01/14/22 reimb. retirement dinner 1-14-22	10-5-14-30120 Professional Supplies	63.00	50528	01/14/22
301083	MVP SELECT CARE INC	01/05/22 Dec. 2021 - HRA 2021-12	10-5-14-10218 HRA PD	5.00	50565	01/24/22
301083	MVP SELECT CARE INC	01/05/22 Dec. 2021 - HRA 2021-12	10-5-10-10218 HRA Admin	5.00	50565	01/24/22
301083	MVP SELECT CARE INC	01/05/22 Dec. 2021 - HRA 2021-12	20-5-55-10218 HRA WW	5.00	50565	01/24/22
301083	MVP SELECT CARE INC	01/05/22 Dec. 2021 - HRA 2021-12	10-5-22-10218 HRA	2.50	50565	01/24/22
301083	MVP SELECT CARE INC	01/05/22 Dec. 2021 - HRA 2021-12	10-5-15-10218 HRA HW	5.00	50565	01/24/22
301083	MVP SELECT CARE INC	01/05/22 Dec. 2021 - HRA 2021-12	10-5-18-10218 HRA	2.50	50565	01/24/22
301083	MVP SELECT CARE INC	01/05/22 Dec. 2021 - HRA 2021-12	10-5-13-10218 HRA	5.00	50565	01/24/22
301111	N.A. MANOSH, INC	01/04/22 vector service call 25917	20-5-55-20240 Contractors	5305.00	50566	01/24/22
310796	NATIONAL BUSINESS LEASING	01/15/22 lease: 02/01/22-02/28/22 75136968	10-5-10-30130 Service Contracts	102.00	50567	01/24/22
311075	NOP'S DAIRY LLC	01/14/22 tax overpaid/land use ch 0078-2274	10-2-00-02120 Anticipated Tax Credits	310.34	50568	01/24/22
310617	OTTER VALLEY UNIFIED UNIO	01/13/22 replacement table NESHOBETABLE	10-5-18-30060 Basket Ball Expense	2192.55	50569	01/24/22

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301088	PETE'S TIRE BARNS, INC	01/20/22 flat repair - grader 012038	10-5-15-41170 HW Tires - Vehicles	331.80	50570	01/24/22
310940	PIPER, JENNIFER	01/14/22 overpaid taxes 0082-0257	10-2-00-02120 Anticipated Tax Credits	1860.92	50571	01/24/22
310842	RHR SMITH & COMPANY	01/07/22 Audit Field Work 2021-2026	10-5-10-22110 Auditors	1000.00	50572	01/24/22
310582	SECURSHRED	12/27/21 shredding 381638	10-5-14-30110 Office Supplies	50.00	50573	01/24/22
310418	SILLOWAY NETWORKS INC	12/31/21 computer equip.-shipping 20214365	25-5-10-01000 Computer upgrades	12.89	50574	01/24/22
310418	SILLOWAY NETWORKS INC	01/01/22 computer/email upgrade 20214515	25-5-10-01000 Computer upgrades	1387.50	50574	01/24/22
310859	SNOW, DANIEL	01/10/22 boot reimbursement 1/10/22	10-5-15-10320 Clothing Allowance	100.00	50575	01/24/22
310921	STEARNS SERVICES LLC	01/10/22 Q4 report/ End of Year/W2 1118	10-5-10-30130 Service Contracts	315.00	50576	01/24/22
300853	USDA	01/05/22 Champlain PS Bond pymt 2/1/2022	20-5-55-60610 USDA Bond-Champ. PS-Prin	6348.30	-----	---/--/--
300853	USDA	01/05/22 Champlain PS Bond pymt 2/1/2022	20-5-55-60600 USDA Bond Champlain PS in	5133.70	-----	---/--/--
330348	VERIZON WIRELESS	12/22/21 service: Nov 23 - Dec 22 9895673579	10-5-14-20233 MDT/Aircards	240.06	50577	01/24/22
301106	WM. H. CLARK MUNICIPAL EQ	12/22/21 trackless sander parts 19791	10-5-15-41160 HW Maint. Supplies-Vehicl	431.19	50578	01/24/22
Report Total				162712.36	=====	

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To the Treasurer of TOWN OF BRANDON, We Hereby certify that there is due to the several persons whose names are listed hereon the sum against each name and that there are good and sufficient vouchers supporting the payments aggregating \$ ***162,712.36

Let this be your order for the payments of these amounts.