



VILLAGE OF ESSEX JUNCTION
TRUSTEES
REGULAR MEETING AGENDA

Online
Essex Junction, VT 05452
Tuesday, March 23, 2021
6:30 PM

E-mail: manager@essexjunction.org

www.essexjunction.org

Phone: (802) 878-6951

Due to the Covid-19 pandemic, **this meeting will be held remotely**. Available options to watch or join the meeting:

- **WATCH:** the meeting will be live-streamed on [Town Meeting TV](#).
- **JOIN ONLINE:** [Join Microsoft Teams Meeting](#). Depending on your browser, you may need to call in for audio (below).
- **JOIN CALLING:** Join via conference call (*audio only*): (802) 377-3784 | Conference ID: 812 901 565#
- **PROVIDE FULL NAME:** For minutes, please provide your full name whenever prompted.
- **CHAT DURING MEETING:** Please use "Chat" to request to speak, only. **Please do not use for comments.**
- **RAISE YOUR HAND:** Click on the hand in Teams to speak or use the "Chat" feature to request to speak.
- **MUTE YOUR MIC:** When not speaking, please mute your microphone on your computer/phone.

1. **CALL TO ORDER** [6:30 PM]
2. **AGENDA ADDITIONS/CHANGES**
3. **APPROVE AGENDA**
4. **PUBLIC TO BE HEARD**
 - a. Comments from Public on Items Not on Agenda
5. **BUSINESS ITEMS**
 - a. Consider approval of street vending permit for Mr. Ding-A-Ling Ice Cream
 - b. Consider approval of easement to Green Mountain Power on Park Terrace and Park Street
 - c. Discussion and potential action on creating committee to study merger with Town of Essex and alternatives
 - d. *Discussion of legal counsel recommendations on options and next steps regarding merger and/or separation of Village of Essex Junction from Town of Essex
6. **CONSENT ITEMS**
 - a. Consider appointment of Steve Rivard to Tree Advisory Committee
 - b. Consider approval of Annual Financial Plan for Town Highways (TA-60)
 - c. Approve minutes: March 9, 2021
 - d. Check Warrants: #17241 – 3/5/21; #17242 – 3/12/21; #17243 – 3/19/21
7. **READING FILE**
 - a. Board member comments
 - b. Update from Marguerite Ladd regarding regulating collection of refuse
 - c. Memo from James Jutras re: PePhlo Stage 3 Final Report, Vermont Phosphorus Innovation Challenge Grant
 - d. Memo from Robin Pierce re: Connector Road Agreement 3/16/21
 - e. Upcoming meeting schedule
8. **EXECUTIVE SESSION**
 - a. *An executive session is anticipated to discuss legal matters
9. **ADJOURN**

This agenda is available in alternative formats upon request. Meetings of the Trustees, like all programs and activities of the Village of Essex Junction, are accessible to people with disabilities. For information on accessibility or this agenda, call the Unified Manager's office at 878-6951.

Certification: 3/19/2021

Date Posted

Initials

Memorandum

To: Village Trustees; Evan Teich, Unified Manager
From: Marguerite Ladd, Assistant Manager 
Re: Street vending permit request Mr. Ding-A-Ling Ice Cream
Date: March 15th, 2021

Issue

The issue is whether the Trustees will approve the street vending permit for Mr. Ding-A-Ling Ice Cream.

Discussion

Mr. Ding-A-Ling Ice Cream has requested a street vending permit for 2021. The request along with the Certificate of Insurance are attached. For context, last year the Trustees invited Mr. Hathaway to attend a meeting to discuss operation modifications during the pandemic. The Trustees did approve the street vending permit with the understanding that the pandemic guidance from the state be followed.

Cost

N/A

Recommendation

It is recommended that the Trustees approve the 2021 street vending permit with the understanding that all state guidance regarding COVID-19 protocols will be followed.

The UPS Store

1127 North Avenue
Burlington, VT 05408
802.861.4100 Tel
802.861.4101 Fax
store4618@theupsstore.com
theupsstorelocal.com/4618

Fax

To VILLAGE OF ESSEX JCT.

~~ATTN: TERRY~~

Fax number 802-878-6946

Date 3/8/2021

Job number _____

MR. DING-A-LONG ICE CREAM

From Grey Hatway

Phone number 802-373-4632

Fax number _____

Total pages 2

CERTIFICATE OF INSURANCE TO FOLLOW.

VILLAGE OF ESSEX JUNCTION
STREET VENDING PERMIT

APPLICATION

Name of Business MR. DANG-A-LING ICE CREAM

Name of Owner(s) GARY HATHAWAY

Address 153 CHURCH ROAD

City/State/Zip COLCHESTER VT. 05446

Telephone 802-373-4632

Nature and Type of Activity NEIGHBORHOOD ICE CREAM SALES

License Plate Number of Vehicle(s) 89003JY NEW YORK

Date 3/5/2021 Signature [Handwritten Signature]

Date _____ Signature _____

APPROVAL

Required Certificate of Insurance received.

Conditions:

- 1) Keep required \$1 million of general liability insurance in place.
- 2) Vending is restricted to class 3 residential roads.
- 3) No parking except to serve customers.
- 4) No street vending is allowed between the hours of 9 PM and 7 AM.
- 5) The Village of Essex Junction, through its Village Manager, reserves the right to revoke the street vending permit at any time.
- 6) Permit is good for one year from date of issue.



MRDINGA-01

EKEATING

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
3/19/2020

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER
Associates of Glens Falls, Inc.
518-793-3444
228 Glen Street, PO Box 190
Glens Falls, NY 12801

CONTACT NAME: Carrie McIntosh
PHONE (A/C, No, Ext): (518) 793-3444 106
FAX (A/C, No): (518) 793-1580
E-MAIL ADDRESS: cmcintosh@aogf.com

INSURED
Mr Ding A Ling Ice Cream Inc
324 Old Niskayuna Rd
Latham, NY 12110

INSURER(S) AFFORDING COVERAGE

INSURER A: Continental Western Ins Co	NAIC # 10804
INSURER B: Acadia Insurance Company	NAIC # 31325
INSURER C:	
INSURER D:	
INSURER E:	
INSURER F:	

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WYD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:			CPA5341302-12	4/1/2020	4/1/2021	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea. occurrence) \$ 500,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 2,000,000 GENERAL AGGREGATE \$ 4,000,000 PRODUCTS - COMP/OP AGG \$ 4,000,000
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY <input type="checkbox"/> UMBRELLA LIAB <input type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$			CAA5341303-12	4/1/2020	4/1/2021	COMBINED SINGLE LIMIT (Ea. accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ EACH OCCURRENCE \$ AGGREGATE \$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y/N If yes, describe under DESCRIPTION OF OPERATIONS below		N/A	WCA5345554-12	5/12/2020	5/12/2021	PER STATUTE OTH-ER E.L. EACH ACCIDENT \$ 500,000 E.L. DISEASE - EA EMPLOYEE \$ 500,000 E.L. DISEASE - POLICY LIMIT \$ 500,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Evidence of Coverage

RECEIVED
MAR 09 2021
Village of Essex Junction

CERTIFICATE HOLDER

CANCELLATION

Village of Essex Junction
2 Lincoln Street
Essex Junction, VT 5452

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE



Community Development Department

2 Lincoln Street
Essex Junction, VT 05452
www.essexjunction.org

Office: (802) 878-6950
Fax: (802) 878-6946

MEMORANDUM

TO: Evan Teich, Unified Manager, Trustees
FROM: Robin Pierce, Community Development Director
DATE: March 9th 2021.
SUBJECT: GMP Easement Village Center

Issue

The issue is whether the Trustees wish to approve an easement for underground electrical lines as depicted in the attached plan for Park Street and Park Terrace.

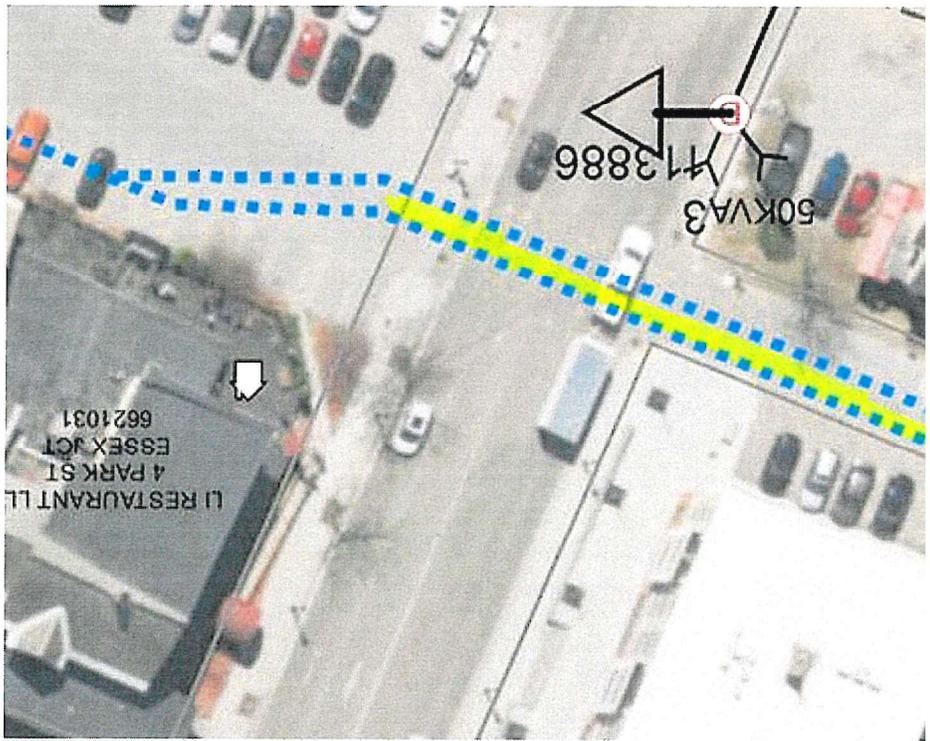
Discussion

In a January 12th 2021 memo the Trustees were apprised that due to development occurring on the Lincoln Inn site and 3 Maple Street new electrical lines are required. Potential conflicts with existing gas lines and site restrictions provide the opportunity to put new conduit and electrical lines under the Village ROW on Park Street and Park Terrace and remove two spans of existing overhead lines between 4 Pearl Street and 19 Park Street reducing the visual impact of the lines, thus cleaning up the streetscape aesthetic. GMP will be entering into a similar agreement with the Village along the Crescent Connector. They have entered in to this type of agreement with other municipalities.

The Village attorney has reviewed the (attached) easement, and made changes to same. Both the Village attorney and GMP have approved the easement documentation. Work on 3 Maple Street has progressed to the point where a permanent electrical connection is needed. This easement will provide that.

Recommendation

Staff recommend that the Trustees approve the easement with GMP which will enable the streetscape on Park Street to be cleaned up and enable the 3 Maple Street project to come online with a permanent electric connection.



KNOW ALL PERSONS BY THESE PRESENTS:

That **Village of Essex Junction, a Municipality in Essex Junction**, in the County of **Chittenden** and State of **Vermont**, (hereinafter, whether singular or plural, called the **GRANTOR**), in consideration of One Dollar paid and other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, hereby gives, grants, bargains, sells and conveys unto **GREEN MOUNTAIN POWER CORPORATION**, a Vermont corporation with a principal place of business situated in the Town of Colchester, County of Chittenden, and State of Vermont, (hereinafter, regardless of the number of **GRANTEES**, called the **GRANTEES**) and to its/their successors and assigns, the perpetual right and easement to erect, place, construct, reconstruct, bury, operate, repair, maintain, replace, patrol and remove **underground cables, wires, lines, conduits, fixtures and appurtenances** (hereinafter, called the facilities or a facility) for the transmission and/or distribution of electricity and for telecommunications use and transmission and transmission of intelligence (including but not limited to data, information, video and voice), any of which facilities may be erected at different times and at such voltages and capacities as **GRANTEES** may from time to time determine, under, upon, over or across lands of **GRANTOR** in the Town of, **Essex Junction** in the County of **Chittenden**, and State of Vermont, hereinafter referred to as the "Easement Area" and described as follows:

An underground primary line commencing at **GRANTEES P.2 (724679) within the Park Terrace street R.O.W. and continuing along within the Park Terrace street R.O.W. 285' more or less to the intersection of Park Terrace and Park Street; thence continuing and additional 65' more or less across Park Street onto the lands of LI Restaurant LLC AKA 4 Park Street. The GRANTEE and GRANTOR acknowledge the existence of municipal facilities within the easement area and that the rights granted herein are subordinate to the GRANTOR'S superior rights for said facilities.**

The exact location of the facility or facilities is to be selected by the **GRANTEES** after their final surveys have been completed within the above-described location. Said Easement Area shall be five (5) feet on each side of the centerline of installed conduits for underground facilities.

Together with the perpetual right and easement from time to time without further payment therefore, to renew, replace, add to, remove, and otherwise change the facilities and each and every part thereof within said Easement Area, and to access said Easement Area to and from the adjoining lands of **GRANTOR** for all of the purposes set out herein, to provide for the continued operation, maintenance and replacement of said facilities.

Included in this grant is the continuing right of the **GRANTEES** within the Easement Area to cut down, trim and to remove and keep cleared such trees, underbrush, and vegetation, or parts thereof growing within or overhanging such Easement Area as in the judgment of **GRANTEES** may interfere with or endanger the efficient operation and use of

TO HAVE AND TO HOLD the above granted easements and rights, with all the privileges and appurtenances thereunto belonging, unto and to the use of the said GRANTEEES, its/their successors and assigns, forever.

And the GRANTOR hereby for said GRANTOR and its successors and assigns, covenants with the GRANTEEES, its/their successors and assigns, that the GRANTOR is lawfully seized in fee simple of the granted premises, and that the GRANTOR has good right and title to sell and convey the same as aforesaid, that they are free from any claims of, or encumbrances by, third parties, including without limitation, any claim or encumbrance created by an offer of dedication to a municipality for a roadway(s) and will WARRANT and defend the same to the GRANTEEES, its/their successors and assigns, forever against the lawful claims and demands of all persons.

IN WITNESS WHEREOF the aforementioned GRANTOR has hereunto set its/his/her/their hand and seal and further, to the extent GRANTOR is an entity, the signatory hereto executes this instrument on behalf of said entity and as its duly authorized agent this _____ day of _____.

IN THE PRESENCE OF:

VILLAGE OF ESSEX JUNCTION

Witness to 1st Grantor _____ BY: _____

Title: _____ and duly authorized agent.

STATE OF Vermont
COUNTY OF Chittenden

BE IT REMEMBERED, that on the _____ day of _____, personally appeared _____, and duly authorized agent for the Village of Essex Junction, signer and sealer of the foregoing written instrument and acknowledged the same to be **her/his free act and deed and the free act and deed of the GRANTOR herein.**

Before me,

Notary Public
Commission Expires: 1/31/23

Memorandum

To: Village Trustees; Evan Teich, Unified Manager
From: Marguerite Ladd, Assistant Manager 
Re: Creating committees to study merger alternatives
Date: March 15th, 2021

Issue

The issue is whether the Trustees will create a committee or multiple committees to study merger alternatives should the vote on merger fail and some of the questions for consideration to start the process.

Discussion

The new committee or committees will need clear direction. Some important questions should be considered to guide in the forming of a new committee – they are listed below:

- What is their mission or purpose?
- What will the result of April 13th vote be and how will that effect the committee's purpose?
- Who will staff the committee? E.g. attend meetings and guide the conversation; answer the committees' questions; do the research the committee wants done; etc.
- Who will take minutes for the committee?
- How often will the committee meet?
- Who is creating and posting agendas?
- Who is creating and keeping their web page up to date?
- Who will be on the committee – will you appoint or take applications? How many people? Can they be non-residents?

Cost

N/A

Recommendation

It is recommended that the Trustees consider these questions and impacts in order to properly inform the creation of the new committee or committees.

Memorandum

To: Board of Trustees; Evan Teich, Unified Manager
Cc: Marguerite Ladd, Assistant Manager
From: Greg Duggan, Deputy Manager
Re: Executive session for legal services
Date: March 19, 2021

Issue

The issue is whether the Trustees enter into executive session to discuss confidential attorney-client communications made for the purpose of providing professional legal services to the body.

Discussion

In order to have a complete and thorough discussion about this topic, it would appear that an executive session would be necessary because the premature disclosure of the information may put the Trustees and the Village at a substantial disadvantage. Confidential attorney-client communications made for the purpose of providing professional legal services to the body can be a protected discussion.

Cost

N/A

Recommendation

If the Trustees wish to enter executive session, the following motions are recommended:

Motion #1

"I move that the Trustees make the specific finding that general public knowledge of confidential attorney-client communications made for the purpose of providing professional legal services to the body would place the Village at a substantial disadvantage."

Motion #2

"I move that the Trustees enter into executive session to discuss confidential attorney-client communications made for the purpose of providing professional legal services to the body, pursuant to 1 V.S.A. § 313(a)(1)(F) to include the Village Attorney (*and, if desired*, Unified Manager and Assistant Manager)."

Memorandum

To: Village Trustees, Evan Teich, Unified Manager
From: Linda Mahns, Administrative Assistant 
Re: Appointment of volunteer to the Tree Advisory Committee
Date: March 19, 2021

Issue

The issue is whether the Trustees will appoint a volunteer to the Tree Advisory Committee (TAC).

Discussion

On February 23, 2021, the Trustees interviewed Steve Rivard who is not a Village resident but maintains an address there.

For reference, the following seats are vacant on the Tree Advisory Committee.

<i>Committee/Board</i>	<i>Open seats</i>	<i>Term(s) ending</i>	<i>Status</i>
Tree Advisory Committee	1	June 30, 2023	Advertised since 2/27/20

The appointment of public officials can be a protected discussion during the interview, provided that the Trustees make a final decision to appoint a public official in an open meeting and shall explain the reasons for its final decision during the open meeting.

Cost

None.

Recommendation

It is recommended the Trustees consider appointing Steve Rivard to the Tree Advisory Committee.

If the Trustees wish to enter executive session, the following motion is recommended:

“I move that the Trustees enter into executive session to discuss the proposed public official appointment(s) in accordance with 1 V.S.A. Section 313(a)(3) and to include the Unified Manager, the Assistant Manager, and the candidate.”

ANNUAL FINANCIAL PLAN - TOWN HIGHWAYS
19 V.S.A. § 306(j)

TA-60

Village of Essex Junction Fiscal Year 2022 Begin 07/01/21 End 06/30/22

INCOME

DESCRIPTION	ESTIMATED
State Funds - 19 V.S.A. Section 306(a):	
Class 1 5.013	\$ 58,325.62
Class 2 2.006	\$ 8,572.07
Class 3 28.008	\$ 44,470.41
Town Tax Funds – 19 V.S.A. Section 307	\$ 1,357,511.90
Special Funds (e.g., bonds or earmarks):	
a. Capital Reserve	\$ 800,000.00
b.	\$
c.	\$
TOTAL	\$ 2,268,880.00

EXPENSES

DESCRIPTION	ESTIMATED
Winter Maintenance	\$ 310,730.80
Non-Winter Maintenance	\$ 1,158,149.20
Major Construction Projects	
a. Densmore Drive	\$ 800,000.00
b.	\$
c.	\$
TOTAL	\$ 2,268,880.00

Comments:

This form shall be signed by the appropriate town officials and forwarded to the District Transportation Administrator.

ANNUAL FINANCIAL PLAN - TOWN HIGHWAYS

TA-60

19 V.S.A. § 306(j)
(page 2)

We, the Legislative Body of the Municipality of Essex Junction certify that funds raised by municipal taxes are equivalent to or greater than a sum of at least **\$300.00** per mile for each mile of Class 1, 2, and 3 Town Highway in the municipality. (19 V.S.A. 307)

_____ Date: March 23, 2021

(Duly Authorized Representatives)

The submitted Town Plan meets the requirements of Title 19, Section 306(j).

Date: _____

District Transportation Administrator

VILLAGE OF ESSEX JUNCTION
TRUSTEES MEETING MINUTES
March 9, 2021

TRUSTEES PRESENT: Andrew Brown, President; George Tyler, Vice President; Raj Chawla; Dan Kerin; Amber Thibeault

ADMINISTRATION and STAFF: Evan Teich, Unified Manager; Courtney Bushey, Assistant Finance Director; Chris Gaboriault, Fire Chief; Maureen Gillard, Afterschool Enrichment Coordinator; Marguerite Ladd, Assistant Manager; Brad Luck, Essex Junction Recreation and Parks (EJRP) Director; Sarah Macy, Finance Director; Susan McNamara-Hill; Robin Pierce, Community Development Director; Travis Sabataso, Human Resources Director; Harlan Smith, Grounds & Facilities Director

OTHERS PRESENT: Paul B; Wayne Beebe; Bob Burrows; Marcus Certa; Heidi Clark, Annie Cooper; Matthew Carmolli; Chris Chiquoine; Nancy Chiquoine; Kevin Collins; Alex Crothers; Renee Dall; Tracey Delphia; Karen Dolan; Betsy Dunn; Lori Ernst; Alan Fay; Rosy Gallo; Matthew Gilbert; Margaret Gilbert; Theresa Gookin; Micah Hagan; Elaine Haney; Richard Hamlin; Paul Hansen; Rep. Lori Houghton; Christopher E. Kenny; Bill Keyser; Jen Luck; Edward Malina; Deb McAdoo; Genevieve Melle; Julie Miller-Johnson; Timothy Miller; Paul Moreno; Toni Morgan; Scott Moore; Patrick Murray; Jaye O'Connell; Kenneth C. O'Connell; James Pfeiffer; Roseanne Prestipino; John Rowell; Claudine Safar; Tim Shea; Brian Shelden; Ken Signorello; Gabrielle Smith; Saramichelle Stultz; Jullian Sullivan; Mike Sullivan; Kristina Sweet; Mike Thorne; Carmelle Terborgh; Melanie Tupaj; Spencer Turer; Ann Wadsworth; Bob Willey; Giles Willey; Corey Wood; RSM Win; Irene Wrenner; Bridget; Elizabeth; HJD; Karenlee; Kathleen; Lauren; LJB; Mary; Morgan; PD; Phyllis; Sharon

1. **CALL TO ORDER**

Mr. Brown called the meeting to order at 6:30 PM.

2. **AGENDA ADDITIONS/ CHANGES**

Ms. Ladd suggested an addition to the agenda: Voter Petition for Discussion and Potential Action. The Trustees agreed to add this item to the agenda as 5e. They changed the former agenda item 5e to become 5g, Consider approval of non-resident on Village Tree Advisory Committee; and former agenda item 5g to become 5h, *Discussion regarding legal steps regarding merger vote.

3. **APPROVE AGENDA**

RAJ CHAWLA made a motion, seconded by GEORGE TYLER, to add the petition as 5e, f stays as it is, e, moves to g, and the discussion regarding legal steps becomes h. The motion passed 5-0.

4. **PUBLIC TO BE HEARD**

a. **Comments from public on items not on the agenda.**

Mr. Smith asked how the Trustees incorporate Robert's Rules of Order and align with Open Meeting Laws. He wondered if a motion would be needed for the public to speak. Mr. Brown, Mr. Teich and Mr. Tyler provided clarification. They said public comments should be directed to the board chair, who determines how to respond. Mr. Tyler said that, although other meetings may require a motion for a person from outside the community to speak, the Trustees decided early onto allow public comments to be open: so far, there has been no conflict with this.

5. **BUSINESS ITEMS**

a. **Presentation of Fiscal Year 2020 audit**

Ms. Macy introduced Mr. Keyser of Kittell, Branagan & Sargent to provide an overview of the FY2020 financial statement audit. Mr. Keyser said the single audit was completed in January with

56 a clean opinion, no issues and an unmodified opinion. He explained the single audit requirement
57 and said the Village has good internal controls with a very experienced Finance Department. He
58 said Essex Junction is considered "low risk," so the audit requires testing only 20% of federal fund
59 invoices. He walked through the audit and discussed: adjustments from the prior audit period
60 related to COVID; a small deficit in proprietary fund; Village's investment in capital assets; and
61 their net position. He described the fund balance and other net position classifications. He said the
62 unassigned fund balance is within 10% of the FY2022 budget requirement for use. He discussed
63 proprietary business funds rate and usage increases due to COVID. He discussed the budget-to-
64 actuals and said there was a small loss with revenue down in 2020, so \$300,000 was pulled from
65 equity to alleviate the deficit for next year.
66

67 The Trustees talked with Ms. Macy and Mr. Keyser about the audit. Mr. Brown asked what was
68 reviewed other than the 20% federal funds. Mr. Keyser described the procedure of reviewing the
69 entire balance sheet to trace back purchases. He stated single audit tests are related to fixed
70 assets, capital assets, internal controls review, and reconciliation. Ms. Macy described how the
71 finance staff prepares for audits year-round. Mr. Brown asked how funds for each municipality are
72 identified separately, even though the finance office is consolidated. Mr. Keyser said all accounting
73 and invoicing is accurate and that the state reconciles back to the Village and Town, accordingly
74 about Grand List numbers. Ms. Macy described the finance office's system of numbered accounts
75 that keep funds separate and clear. Mr. Tyler asked Mr. Keyser to explain Total Net Position. Mr.
76 Keyser said this number is the historical earnings from over time, which can be used for future
77 spending. He pointed this out the Village's Total Net Position was \$34,874,000. The Trustees
78 thanked Mr. Keyser.
79

80 No action was needed on this agenda item.
81

82 b. **Consider request from Champlain Valley Exposition for water leak abatement**

83 Ms. Macy introduced the water leak abatement request from Champlain Valley Exposition (CVE).
84 Using a map diagram, she showed the location of the leak within the private water system serving
85 seven properties and the CVE. She explained how the leak was identified: comparing the previous
86 water usage of CVE on average years to the usage for the period of the abatement. She stated
87 while CVE's operations were on hold, the water use amount increased. The leak was identified and
88 fixed in December.
89

90 Mr. Wiley (a resident of one of the properties on the water line), Mr. Shea, the CVE Director, Mr.
91 Teich, and Ms. Macy talked about the water leak and abatement request with the Trustees. Mr.
92 Wiley described the work of isolating the leak and upgrading the water line and meter. Mr. Teich
93 confirmed for Mr. Kerin that the new meter will be a second checkpoint read by radio. He said staff
94 found: the water was not processed by the treatment plant; no insurance companies could cover
95 the leak; and staff supported the abatement request. Ms. Macy explained how the abatement
96 amounts were determined and clarified for Mr. Brown and Mr. Chawla that the abatement would
97 not affect the rest of the taxpayers or rate setting. She talked about how water abatements have
98 been handled in the past but said this one is unique, comparatively. Mr. Brown reviewed the three
99 parts of the abatement request and said he agreed with the first and third parts but disagreed with
100 the second part because it still costs money to do the work that resulted in water availability
101 and included salaries, maintenance, etc. Three pieces of the abatement request were:

- 102 1) Would the Trustees agree to abate the usage charges for sewer and sanitation associated with
103 the water leak? This would result in a refund of \$2,427.65;
- 104 2) Would the Trustees agree to reduce the water usage charge from the Village resale rate to the
105 CWD wholesale rate in effect at the time of each billing? This would result in a refund of
106 \$740.91.

107 3) Would the Trustees agree to reevaluate the FY21 and future equivalent units assigned to the
108 CVE account as a result of the leak? Would result in a refund of \$4,426.59
109

110 **GEORGE TYLER made a motion, seconded by DAN KERIN, that the Trustees approve all three**
111 **abatement requests for CVE water abatement. The motion passed 4-1 by roll call, with**
112 **dissenting vote by Mr. Brown.**
113

114 c. **Consider approval of noise waivers for amplified events at Champlain Valley Exposition**
115 Mr. Pierce presented the memo in response to questions posed at the meeting of the Trustees on
116 2/23/21, regarding the consideration of approving 30 extra noise waivers for amplified events at
117 CVE in 2021. Mr. Chawla acknowledged people seem to be overwhelmingly supportive of CVE
118 and want them recover from operational challenges of 2020. He said people are concerned with
119 potential noise on school nights. He and Mr. Kerin said there were also concerns about traffic
120 increases and suggested having event-goers use more than one CVE entrance. Mr. Brown
121 clarified that the first events of the year would be high school graduations and no events would be
122 planned on school nights. The Trustees discussed with Mr. Shea his plans for outreach about
123 scheduled events and advanced notice letters to homes within a 250-foot radius of CVE. Ms.
124 Thibeault suggested that the letter be shared on the Village website. Mr. Shea talked with Mr. Tyler
125 about CVE's vaccination efforts, serving over 1000 people each day.
126

127 Mr. Chiquoine said he is a neighbor of CVE and supports them. He asked whether the sound
128 agreement and expectations for the 30 extra waivers would also apply to the 20 original noise
129 waived events. He asked if the event noise would be monitored, if there would be fireworks, and
130 if the events would be communicated in advance in such a way that he would be able to plan
131 accordingly. Mr. Brown, Mr. Kerin and Mr. Shea answered his questions: There will be no fireworks
132 planned; advanced notice will be provided; and, although the original 20 waivers will not be exactly
133 the same, Mr. Shea does not anticipate much daytime activity other than the fair; most events will
134 take place between 7:00 PM and 11 PM; and all events will abide by the sound agreement.
135

136 **DAN KERIN made a motion, seconded by GEORGE TYLER, that the Trustees approve this one**
137 **time request for 30 additional amplified events in 2021, if the State permits such events this**
138 **year, with the caveat that all events shall comply with the Sound Agreement that is in place**
139 **between CVE and the Village. The motion passed 5-0.**
140

141 Mr. Brown called a brief recess at 8:13 PM and called the meeting back to order at 8:18 PM.
142

143 d. **Discussion on how the Village should proceed based upon the merger vote**
144 Mr. Brown proposed, and the Trustees agreed, that public comments be heard prior to the Trustee
145 discussion on this topic. He provided some guidance for how public comments should be made
146 due to computer connectivity interruptions; Mr. Tyler and Mr. Kerin provided further guidance.
147

148 Mr. Certa recommended that the Trustees create a committee or two, with Village residents, to
149 research the option of the Village separating from the Town in its totality. He said financial
150 ramifications and sharing options should be considered. He encouraged public participation and
151 dialog moving forward and for the Trustees to take time for a full view of these considerations.
152

153 Mr. Gilbert thanked the Trustees for their hard work on the merger. He questioned whether it would
154 be the best use of money to do a revote, unless it is required for some reason in Montpelier. He
155 suggested attention turn instead toward separation and recommended investing funds for a
156 consultant for this.
157

158 Mr. Sullivan also thanked the Trustees for work on consolidation of the Town and Village. He said
159 the Village votes show that taxpayers want tax equity and the Trustees must consider separation.
160

161 Ms. Smith said she has lived her 15 years in the Village helping to make Essex a whole
162 community. She said once the revote takes place, there should be no more work on merger. She
163 said if it does not pass, she would like the municipality to move toward separation because tax
164 inequity tolerance is unacceptable.

165
166 Mr. Rowell said he has been living in the Village for 50 years and the discussion of merger has
167 been going on for decades but it has been voted down each time. He said he is also tired of tax
168 inequity and the question should now be whether the voters agree to separate from the Town.
169

170 Ms. Mele said she does not think a revote is necessary and it will be too expensive. She suggested
171 the Village move forward as a separate entity, with a service sharing agreement, and to consider
172 other communities for this. She also suggested keeping taxes in escrow for the upcoming year if
173 this is a legal possibility.
174

175 Mr. Miller said the merger argument has been decided, with 3165 people in the Town outside the
176 Village against Merger and 1215 in favor. He said what the Village wanted was not accepted and
177 the municipality should move forward separately with possibly shared police services.
178

179 Mr. Sheldon asked whether a revote would be expensive and wondered if it could be delayed until
180 the next budget vote to reduce the cost. He asked if some financial support for this could be found
181 in Vermont's emergency election clause.
182

183 Ms. McAdoo thanked the Trustees on their work toward merger. She said she was disappointed by
184 the outcome, they did their best, and now it is time to separate. She suggested studying this
185 strategy to carefully to avoid unintended consequences. She said that if the electoral process is not
186 bringing results, there may be a solution through litigation.
187

188 Mr. Hagan said the many Town outside the Village residents think the issue is settled but they do
189 not know the repercussions of separation. He said repercussions should be discussed with them.
190

191 Ms. Stultz seconded Ms. Smith's comment that status quo is unacceptable and that this message
192 should be loud and clear.
193

194 Representative Houghton, also speaking on behalf of Representative Dolan, said they will
195 shepherd the will of the people to Montpelier, to do all that they can. She asked the Trustees to let
196 them know how they can help.
197

198 Ms. O'Connell asked the Trustees to be clear to the voters about the key facts, and history that will
199 inform whatever next steps are taken. She said she wants to know what information she needs to
200 understand moving forward.
201

202 Mr. Brown summarized the sentiments of the speakers and answered some questions. He said a
203 revote will have to happen if there is a voter petition to do so. He said if the revote passes in the
204 Village a third time, this sends a strong message to the legislature. He said the revote is not a
205 function of the Village, but of the Town.
206

207 The Trustees discussed the issue of how to move forward from the vote. They stressed patience,
208 careful research, and looking at all options. Mr. Kerin said Town Outside the Village residents need
209 to understand tax implications of separation. Mr. Brown talked about challenges related to
210 separating while staff are shared and departments are consolidated. Mr. Tyler said, out of respect
211 for staff who trusted the agreement to unify administration, they should not be put in the middle of
212 this issue. He suggested a financial analysis from a third party with a long-term projection and
213 encouraged a strategy of restructuring as an alternative to separation or merger. He said he would
214 also like to see a revote to send a clear message to the legislature. He said tax inequity must be

215 solved. He encouraged continuing to work with the Selectboard; codifying consolidation efforts
216 instead of relying on Memorandums of Understandings and keeping Village autonomy. Mr. Tyler
217 suggested they make changes internally instead of relying on local politics. He said separation is
218 being considered; a careful analysis of its impact on Village and Town property taxes should be
219 shared with the voters. Ms. Thibeault said legal counsel is required as a foundation point to
220 determine if separation is a legal option before determining next steps. Mr. Chawla said he was
221 disappointed the merger did not pass because he believed it would have set Essex up for a strong
222 future. He predicted separation would be a long path forward and all alternatives should be
223 considered. He wondered how much tax inequity is too much and agreed that the Village should
224 move away from MOUs and codify, restructure, and eliminate them.
225

226 The Trustees discussed and agreed with Mr. Brown's proposal that they move forward with
227 forming two committees: one to do research on alternatives to merger and one to help inform the
228 community on the issues. He suggested these committees be made up of Village residents and
229 Trustee volunteers. Mr. Tyler said the Research Committee should review the information
230 compiled by the Governance Subcommittee, so they do not have to start from scratch. Mr. Brown
231 clarified that this would be a Village-only effort. Mr. Tyler said the community's vilification of the
232 resident-configured Parks and Rec study committee should inform the structure of these
233 committees. The Trustees said they could avoid this recurrence by assigning volunteers from the
234 Board of Trustees to the committees and make them the spokespeople for the committees. They
235 also agreed that no formal recommendations should be made to the Trustees from the
236 committees. Mr. Tyler said it is important that the Research Committee consider alternatives to
237 merger, not just separation. Mr. Brown said once they had answers from legal counsel, he would
238 determine a vision for the committees and draft a charter to establish them to review at the next
239 meeting of the Trustees. Mr. Teich said surplus funds could be allocated to this effort.
240

241 The Trustees spoke with Ms. McNamara-Hill about how a revote on the merger would take place
242 with the Selectboard. She explained the statute for reconsideration of an article, including how
243 many people are needed on a petition and the required warnings. She said an election is already
244 scheduled for the School budget and the Village budget on April 13. She said the Selectboard
245 would have to agree for the question to be put on that ballot. She said the exact same question
246 would need to be asked for a reconsideration vote. Mr. Teich talked about the timing requirements
247 of the schools for their budget vote and the work that goes into a vote.
248

249 e. **Voter Petition for Discussion and Potential Action**

250 Ms. Cooper read the letter presented to the Trustees and provided with the voter petition which
251 included 414 names (5.5% of the registered voters of the Village). The petition requested the
252 addition of an advisory article for the Australian ballot scheduled for April 13, 2021. Due to the
253 timing of the petition, she asked the Trustees to add the article of their own accord, in response to
254 the high volume of signatures. The Trustees spoke with Ms. Safar for legal counsel. They
255 discussed whether there was time to warn the question within legal time parameters and
256 determined they could, if the question were warned on March 10 to be voted on April 13. They took
257 into consideration legislature's approval for municipalities to be able to change voting dates, due to
258 COVID. Ms. McNamera-Hill mentioned that the Secretary of State suggested the Village of Essex
259 Junction warn the meeting for April 13, because all articles are being voted on by Australian Ballot.
260 The Trustees agreed that they should move forward with adding the voter-petitioned ballot
261 question. Ms. Safar provided suggested language for the question and wordsmithed it with the
262 Trustees. The final language for the proposed ballot question reads:
263

264 *"By a non-binding resolution, shall the Essex Junction Board of Trustees be advised to draft a*
265 *charter to create the independent City of Essex Junction for consideration by the Village of Essex*
266 *Junction voters no later than November 2021, should efforts seeking a vote for reconsideration on*

267 *the issue of merger fail. We advise that the charter shall not include any union municipal districts,*
268 *interlocal contracts, special tax districts, or other relationships within the Town of Essex for the*
269 *provision of Village Government services. The only exception may be for the consideration of*
270 *police services.”*
271

272 **DAN KERIN made a motion, seconded by RAJ CHAWLA, that the Trustees accept the request**
273 **for a non-binding petition, with the language as discussed, to be placed on the Village meeting**
274 **Australian ballot. The motion passed 5-0.**
275

276 **f. Consider approval of Informational Hearing and Annual Meeting Warning**

277 Mr. Brown introduced the proposed dates for the Informational Hearing and Annual Meeting; he
278 presented the articles for consideration by Australian ballot, including the voter petition question
279 added during this meeting. He asked the Trustees whether they would approve the Annual
280 meeting to be warned for April 13th, or if they wanted to wait for the Selectboard to determine plans
281 for a reconsideration vote, then align the Village vote with this. Mr. Teich, too, confirmed that the
282 School Board is willing to reschedule their budget vote only up until May 1st. Mr. Chawla asked
283 whether the state could help pay for a revote, due to COVID times. Ms. McNamera-Hill said that
284 money is available from the state to reimburse some of the costs but maybe not for multiple votes.
285 Mr. Teich consulted legal counsel from Ms. Safar about the legal parameters and steps involved
286 with warning a meeting then possibly having to re-warn the meeting, if the Trustees decided to do
287 so to keep their meeting inline with the Selectboard’s reconsideration vote and the school budget
288 vote. She said they may want to move the informational meeting to the 13th. Ms. McNamera-Hill
289 said she had confirmed that the dates of the Informational Hearing and the Annual Meeting are ok
290 with the Elections Director of the state.
291

292 Mr. Teich recommended that the Trustees keep April 7th as the Informational Hearing and warn the
293 Annual Meeting for April 13th but if new information about a revote comes to light they could re-
294 warn the meeting to a later date, to be in alignment with the Town Selectboard and the school
295 district in order to keep the votes aligned. He confirmed for Ms. Thibeault that there may be some
296 extra costs with changing the dates of the vote. Ms. McNamera-Hill said she could wait until
297 Thursday March 11th to order the ballots with the correct dates, but not later, to provide time for
298 voting by mail. Mr. Duggan shared relevant direction from the state.
299

300 **RAJ CHAWLA made a motion, seconded by GEORGE TYLER, that the Trustees approve and**
301 **sign the warning for the 2021 Informational Hearing and Annual Meeting.**
302

303 **RAJ CHAWLA made a friendly amendment, and GEORGE TYLER agreed, to, instead, move that**
304 **Trustees approve and sign the warning for the 2021 Informational Hearing and Annual Meeting**
305 **and include Item 6, the Citizen Petition for an advisory vote.**
306 **The amended motion passed 5-0.**
307

308 **g. Consider approval of non-resident on Village Tree Advisory Committee**

309 Mr. Brown introduced the issue of whether a non-resident could serve on the Village Tree Advisory
310 Committee. He said other committees allow this, so precedent is set to allow it. The Trustees
311 agreed that this should be allowed, noting that the applicant is qualified and although he lives in a
312 separate town, he owns property in the Village.
313

314 **h. *Discussion regarding legal steps regarding merger vote**

315 This agenda item took place in executive session, as 8a.
316

317 **6. CONSENT ITEMS**

318 **a. Approve minutes: February 23, 2021**

319 **b. Approve Maple Street Playground RFP Selection**

- 320 • That Pettinelli and Associates Inc. of Burlington, VT be awarded the contract for the
321 design and replacement of a portion of Maple Street Park playground in the amount of
322 \$249,572.00.

323 c. Check Warrants: #17239 – 2/19/21; #17240 – 2/26/21
324

325 AMBER THIBEAULT made a motion, seconded by GEORGE TYLER, to approve the Consent
326 Agenda. The motion passed 5-0.
327

328 7. READING FILE

329 a. **Board member comments**

330 The Trustees thanked all of the residents who joined the meeting and extended special thanks to
331 those who stayed for the full meeting.

332 b. **Upcoming meeting schedule**
333

334 8. EXECUTIVE SESSION

335 a. *An executive session may be requested to discuss legal steps.
336

337 ANDREW BROWN made a motion, seconded by RAJ CHAWLA, that the Trustees make the
338 specific finding that general public knowledge of confidential attorney-client communications
339 made for the purpose of providing professional legal services to the body would place the
340 Village at a substantial disadvantage. The motion passed 5-0.
341

342 ANDREW BROWN made a motion, seconded by DAN KERIN, that the Trustees enter into
343 executive session to discuss confidential attorney-client communications made for the
344 purpose of providing professional legal services to the body, pursuant to 1 V.S.A. § 313(a)(1)(F)
345 to include the Village Attorney and Unified Manager. The motion passed 5-0 at 10:57 PM.
346

347 GEORGE TYLER made a motion, seconded by RAJ CHAWLA, that the Trustees close executive
348 session. The motion passed 5-0 at 11:23 PM.
349

350 9. ADJOURN
351

352 DAN KERIN made a motion, and AMBER THIBEAULT seconded, that the Trustees adjourn the
353 meeting. The motion passed 5-0 at 11:24 PM.
354

355
356 Respectfully Submitted,
357 Cathy Ainsworth

Vendor	Invoice Date	Invoice Description Invoice Number	Account	Amount Paid	Check Number	Check Date
05290	02/23/21	ADVANCE AUTO PARTS wire and conduit 552105453565	210-43110.610 SUPPLIES	39.21	32961	03/05/21
20440	03/02/21	AINSWORTH CATHY L Recording Secretary for T 60	210-41320.530 COMMUNICATIONS	513.60	32962	03/05/21
07155	02/17/21	AMERICAN ROCK SALT CO LLC Salt 0668918	210-43125.610 WINTER MAINTENANCE	6138.30	32964	03/05/21
02420	02/25/21	AUTOZONE Car Wash 3236882997	210-42220.432 VEHICLE MAINTENANCE	12.08	32965	03/05/21
07465	02/25/21	BIBENS ACE HARDWARE INC Park street school repair 40612	210-41942.023 R&M Bldg - Park St School	15.98	32968	03/05/21
02235	02/09/21	BOUND TREE MEDICAL LLC Burn Sheet 83948616	210-42220.615 EMS SUPPLIES	10.53	32971	03/05/21
00530	01/14/21	BRODART CO Youth Collection, Supplie B6064889	210-45551.610 SUPPLIES	0.80	32972	03/05/21
00530	01/14/21	BRODART CO Youth Collection, Supplie B6064889	210-45551.641 JUVEN COLLECTION-PRNT & E	7.11	32972	03/05/21
00530	02/04/21	BRODART CO Youth Materials, Supplies B6082461	210-45551.641 JUVEN COLLECTION-PRNT & E	8.62	32972	03/05/21
00530	02/04/21	BRODART CO Youth Materials, Supplies B6082461	210-45551.610 SUPPLIES	1.60	32972	03/05/21
00530	02/17/21	BRODART CO Youth Collection, Supplie B6091819	210-45551.610 SUPPLIES	2.40	32972	03/05/21
00530	02/17/21	BRODART CO Youth Collection, Supplie B6091819	210-45551.641 JUVEN COLLECTION-PRNT & E	46.35	32972	03/05/21
00530	02/18/21	BRODART CO Adult Collection, EF Dona B6092954	210-45551.640 ADULT COLLECTION-PRINT &	259.53	32972	03/05/21
00530	02/18/21	BRODART CO Adult Collection, EF Dona B6092954	210-49345.000 LIBRARY DONATION EXPENDIT	200.00	32972	03/05/21
00530	02/18/21	BRODART CO Adult Collection, EF Dona B6092954	210-45551.610 SUPPLIES	20.80	32972	03/05/21
00530	02/18/21	BRODART CO FASTips books, Supplies B6093060	210-45551.610 SUPPLIES	1.60	32972	03/05/21
00530	02/18/21	BRODART CO FASTips books, Supplies B6093060	210-49345.000 LIBRARY DONATION EXPENDIT	31.30	32972	03/05/21
00530	02/18/21	BRODART CO Adult Collection, Supplie B6093215	210-45551.610 SUPPLIES	0.80	32972	03/05/21
00530	02/18/21	BRODART CO Adult Collection, Supplie B6093215	210-45551.640 ADULT COLLECTION-PRINT &	14.58	32972	03/05/21
00530	02/18/21	BRODART CO Adult Replacement, Suppli B6093225	210-49346.001 ADULT COLLECTION-PRINT &	15.65	32972	03/05/21
00530	02/18/21	BRODART CO Adult Replacement, Suppli B6093225	210-45551.610 SUPPLIES	0.80	32972	03/05/21
16030	02/18/21	BROWN ELECTRIC Brownell Library 35480	210-41942.021 R&M Bldg - Brownell	162.00	32973	03/05/21
20840	02/19/21	BULLDOG FIRE APPARATUS OF Light Lens P00205	210-42220.432 VEHICLE MAINTENANCE	679.30	32975	03/05/21
33925	02/17/21	CHUCK'S HEATING & AIR CON HVAC Annual Maintenance W39331	210-41942.022 R&M Bldg - Fire Station	379.90	32981	03/05/21
17025	02/26/21	COONRADT AMY 1/21/21 Recording Secreta 0050	210-41970.530 COMMUNICATIONS	106.60	32987	03/05/21

Vendor	Invoice Date	Invoice Description Invoice Number	Account	Amount Paid	Check Number	Check Date
33075	02/11/21	DELL MARKETING LP EFJD Computer Order 10463877321	210-42220.889 ROUTINE EQUIPMENT PURCHAS	2622.72	32991	03/05/21
V10576	03/01/21	ECOPIXEL LLC Web site hosting 2906	210-41320.530 COMMUNICATIONS	129.00	32996	03/05/21
04640	02/09/21	FASTENAL INDUSTRIAL & CON Maint Supplies VTBUR289703	210-45220.610 SUPPLIES	76.20	33001	03/05/21
25390	02/18/21	FIRST NATIONAL BANK OMAHA EJRP Credit Card February 4955 0221	210-45110.340 COMPUTER EXPENSES	160.00	33003	03/05/21
25390	02/18/21	FIRST NATIONAL BANK OMAHA EJRP Credit Card February 4955 0221	210-45110.340 COMPUTER EXPENSES	234.00	33003	03/05/21
19005	02/15/21	FIRSTLIGHT FIBER communications 8662811	210-43110.530 Communications	35.55	33006	03/05/21
19005	02/15/21	FIRSTLIGHT FIBER Telephone EJFD 8662820	210-41945.022 Telephone - Fire Station	50.20	33007	03/05/21
16000	02/24/21	FISHER AUTO PARTS Tail Light CREDIT 293305760	210-43110.432 R&M Services - Vehicles	-45.74	33008	03/05/21
34895	03/01/21	GAUTHIER TRUCKING, INC. TRASH REMOVAL 2/1-2/28 1544075	210-41942.020 R&M Bldg - 2 Lincoln St	231.17	33010	03/05/21
20470	02/28/21	GLOBAL MONTELLO GROUP Feb Vehicle Fuel 269410	210-41944.026 Gasoline - Maple St Park	48.47	33012	03/05/21
20470	02/28/21	GLOBAL MONTELLO GROUP Feb Vehicle Fuel 269410	210-41946.022 Gen Supplies - Fire Stati	178.33	33012	03/05/21
20470	02/28/21	GLOBAL MONTELLO GROUP Feb Vehicle Fuel 269410	210-43110.626 Vehicle Fuels	5042.44	33012	03/05/21
03525	02/18/21	KITTELL BRANAGAN & SARGEN Audit services 79232	210-41510.335 Audit	912.00	33022	03/05/21
24620	02/26/21	MILTON RENTAL AND SALES 54" CUTTING EDGE wacker 1608566	210-43110.610 SUPPLIES	197.00	33023	03/05/21
13475	02/19/21	NEEDHAM ELECTRIC SUPPLY (Multi Purpose Room Lights S5546703001	210-45220.610 SUPPLIES	1064.59	33024	03/05/21
13475	02/25/21	NEEDHAM ELECTRIC SUPPLY (Multi Purpose Room Lights S5569352001	210-45220.610 SUPPLIES	813.63	33024	03/05/21
13475	02/26/21	NEEDHAM ELECTRIC SUPPLY (Park street school lights S5570810001	210-41942.023 R&M Bldg - Park St School	100.74	33024	03/05/21
24100	02/22/21	PERMA-LINE CORP OF NEW EN SIGNS 184989	210-43123.730 Traffic Control	90.90	33030	03/05/21
43275	02/19/21	RYCANDON MECHANICAL, INC. Park street school HVAC 13614	210-41942.023 R&M Bldg - Park St School	483.99	33035	03/05/21
23855	02/22/21	SOUTHWORTH-MILTON, INC. Edge-Cutting 2190788	210-43110.610 SUPPLIES	221.50	33041	03/05/21
19720	03/01/21	VERIZON CONNECT NWF, INC. FEB AVL SERVICE 2376353	210-43110.442 EQUIPMENT RENTALS	113.33	33045	03/05/21
36130	02/18/21	VERIZON WIRELESS WIRELESS CELL SERVICE PD 9873643704	210-43110.530 Communications	35.01	33046	03/05/21
29825	02/19/21	VT GAS SYSTEMS MSP Gas February 1578756 0221	210-41948.026 Natural Gas - Maple St	447.74	33050	03/05/21
29825	02/19/21	VT GAS SYSTEMS MSP Gas February 810044 0221	210-41948.026 Natural Gas - Maple St	853.79	33052	03/05/21
25390	02/18/21	FIRST NATIONAL BANK OMAHA EJRP Credit Card February 4955 0221	226-45110.536 POSTAGE	110.00	33003	03/05/21

Vendor	Invoice Date	Invoice Description	Account	Amount Paid	Check Number	Check Date
25390	02/18/21	FIRST NATIONAL BANK OMAHA EJRP Credit Card February 4955 0221	226-45120.330 OTHER PROFESSIONAL SVCS	50.00	33003	03/05/21
25390	02/18/21	FIRST NATIONAL BANK OMAHA EJRP Credit Card February 4955 0221	226-45120.610 SUPPLIES	59.96	33003	03/05/21
25390	02/18/21	FIRST NATIONAL BANK OMAHA EJRP Credit Card February 4955 0221	226-45110.536 POSTAGE	53.98	33003	03/05/21
25390	02/18/21	FIRST NATIONAL BANK OMAHA EJRP Credit Card February 4955 0221	226-45120.610 SUPPLIES	97.10	33003	03/05/21
25390	02/18/21	FIRST NATIONAL BANK OMAHA EJRP Credit Card February 4955 0221	226-45120.610 SUPPLIES	57.15	33003	03/05/21
19215	02/22/21	GENGRAS CASSANDRA Vacation Camp 2/22 "Fiel 022221D	226-45120.580 TRAVEL	75.00	33011	03/05/21
20470	02/28/21	GLOBAL MONTELLO GROUP Feb Vehicle Fuel 269410	226-45120.610 SUPPLIES	142.77	33012	03/05/21
21335	02/28/21	HOLY FAMILY / ST LAWRENCE SLS Wed Space Rental 1/6- 022821D	226-45120.330 OTHER PROFESSIONAL SVCS	1750.00	33015	03/05/21
08795	02/26/21	INNES CLARE Ukulele Class 022621EJRP	226-45115.330 OTHER PROFESSIONAL SVCS	33.75	33019	03/05/21
24855	03/04/21	PETTY CASH - CAITLIN FAY ERJP Petty Cash Reimburse 030421D	226-45120.610 SUPPLIES	77.67	33031	03/05/21
24855	03/04/21	PETTY CASH - CAITLIN FAY ERJP Petty Cash Reimburse 030421D	226-45120.330 OTHER PROFESSIONAL SVCS	240.00	33031	03/05/21
24830	03/01/21	REINHART FOODSERVICE RK MSP Snack 440849	226-45120.610 SUPPLIES	71.51	33033	03/05/21
24830	03/01/21	REINHART FOODSERVICE RK Westford Snack 442258	226-45120.610 SUPPLIES	52.05	33033	03/05/21
24830	03/02/21	REINHART FOODSERVICE RK Hiawatha Snack 442849	226-45120.610 SUPPLIES	28.59	33033	03/05/21
24830	03/01/21	REINHART FOODSERVICE RK EES Snack 443094	226-45120.610 SUPPLIES	170.55	33033	03/05/21
24830	03/01/21	REINHART FOODSERVICE RK FMS Snack 443096	226-45120.610 SUPPLIES	137.94	33033	03/05/21
24830	03/02/21	REINHART FOODSERVICE RK Summit Snack 443189	226-45120.610 SUPPLIES	38.83	33033	03/05/21
36130	02/18/21	VERIZON WIRELESS WIRELESS CELL SERVICE PD 9873643704	226-45121.610 SUPPLIES	48.65	33046	03/05/21
25715	02/26/21	DONALD L. HAMLIN CONSULT VEJ-Crescent Connector Pr 12833 22621	230-46801.008 CRESCENT CONNECTOR	4075.25	32994	03/05/21
V9632	01/26/21	HOYLE, TANNER & ASSOC, IN Densmore Drive over India 0064111	230-46801.022 Densmore Dr, FEMA	1280.00	33016	03/05/21
V9632	02/26/21	HOYLE, TANNER & ASSOC, IN Densmore Jan 10 - Feb 6 0064293	230-46801.022 Densmore Dr, FEMA	3190.25	33016	03/05/21
23435	02/28/21	CHAMPLAIN WATER DISTRICT Water Vill Feb 2021 022821V	254-43210.412 STATE WATER TAX - GF	4524.10	32979	03/05/21
23435	02/28/21	CHAMPLAIN WATER DISTRICT Water Vill Feb 2021 022821V	254-43200.412 STATE WATER TAX	736.50	32979	03/05/21
23435	02/28/21	CHAMPLAIN WATER DISTRICT Water Vill Feb 2021 022821V	254-43200.411 CWD WATER PURCHASE	34070.49	32979	03/05/21
23435	02/28/21	CHAMPLAIN WATER DISTRICT Water Vill Feb 2021 022821V	254-43210.412 STATE WATER TAX - GF	209284.87	32979	03/05/21

Vendor	Invoice Date	Invoice Description Invoice Number	Account	Amount Paid	Check Number	Check Date
31275	02/11/21	main break on Cascade Str 17	254-43200.430 WATER LINES MAINT-BREAKS	2688.75	32993	03/05/21
20470	02/28/21	Feb Vehicle Fuel 269410	254-43200.626 GAS,GREASE AND OIL	99.88	33012	03/05/21
03525	02/18/21	Audit services 79232	254-43200.335 AUDIT	552.00	33022	03/05/21
05290	03/02/21	Air and stem supplies 6153928	255-43200.570 MAINTENANCE OTHER	43.44	32961	03/05/21
V10343	02/19/21	supplies 225841	255-43200.570 MAINTENANCE OTHER	894.00	32967	03/05/21
04940	02/23/21	internet 3/1-3/29/21 WW 0316028 221	255-43200.535 TELEPHONE SERVICES	163.30	32985	03/05/21
V10734	01/18/21	Solar -January 2021 2101WWTP	255-43200.622 ELECTRICAL SERVICE	2969.11	32997	03/05/21
V10734	02/17/21	Solar -February 2021 2102WWTP	255-43200.622 ELECTRICAL SERVICE	2969.11	32997	03/05/21
06870	03/03/21	Autumn Harp Zn Cu 363784	255-43200.577 CONTRACT LABORATORY SERVI	50.00	32998	03/05/21
20470	02/28/21	Feb Vehicle Fuel 269410	255-43200.626 GAS,GREASE AND OIL	157.63	33012	03/05/21
03525	02/18/21	Audit services 79232	255-43200.335 AUDIT	648.00	33022	03/05/21
36130	02/18/21	WIRELESS CELL SERVICE PD 9873643704	255-43200.570 MAINTENANCE OTHER	40.01	33046	03/05/21
36130	02/18/21	WIRELESS CELL SERVICE PD 9873643704	255-43200.535 TELEPHONE SERVICES	97.21	33046	03/05/21
23215	02/24/21	AUGER, DRAIN POWER Lincol 107785720001	256-43200.430 SANITATION LINES MAINTENA	34.72	33000	03/05/21
20470	02/28/21	Feb Vehicle Fuel 269410	256-43200.626 GAS,GREASE AND OIL	147.43	33012	03/05/21
03525	02/18/21	Audit services 79232	256-43200.335 AUDIT	288.00	33022	03/05/21

03/05/21

Town of Essex / Village of EJ Accounts Payable

02:37 pm

Check Warrant Report # 17241 Current Prior Next FY Invoices For Fund (GENERAL FUND)

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For Check Acct 01 (GENERAL FUND) All check #s 03/05/21 To 03/05/21 & Fund 2

Vendor	Invoice Date	Invoice Description Invoice Number	Account	Amount Paid	Check Number	Check Date
Report Total				295065.55		

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Vendor	Invoice Description	Invoice Date	Invoice Number	Account	Amount Paid	Check Number	Check Date
05045	ABLE PAINT, GLASS & FLOOR	03/05/21	FACE SHIELDS 0176663	210-41942.020 R&M Bldg - 2 Lincoln St	390.00	33060	03/12/21
05290	ADVANCE AUTO PARTS	03/01/21	Headlight, 552106053881	210-43110.432 R&M Services - Vehicles	3.49	33061	03/12/21
05290	ADVANCE AUTO PARTS	03/03/21	supplies 55210625451	210-43110.610 SUPPLIES	24.68	33061	03/12/21
05290	ADVANCE AUTO PARTS	03/04/21	brakes for truck 4 552106336166	210-43110.610 SUPPLIES	253.76	33061	03/12/21
05290	ADVANCE AUTO PARTS	03/04/21	QUICK DISCONNECT 552106336174	210-43110.610 SUPPLIES	28.98	33061	03/12/21
05290	ADVANCE AUTO PARTS	03/04/21	wax 552106336178	210-43110.610 SUPPLIES	45.97	33061	03/12/21
05290	ADVANCE AUTO PARTS	03/05/21	supplies 552106436194	210-43110.610 SUPPLIES	35.98	33061	03/12/21
05290	ADVANCE AUTO PARTS	03/08/21	DEGREASER 552106754195	210-43110.610 SUPPLIES	25.75	33061	03/12/21
05290	ADVANCE AUTO PARTS	03/08/21	anti freeze 552106754219	210-43110.610 SUPPLIES	35.98	33061	03/12/21
05290	ADVANCE AUTO PARTS	03/08/21	ATF 552106754225	210-43110.626 Vehicle Fuels	75.32	33061	03/12/21
05290	ADVANCE AUTO PARTS	03/08/21	ATF DEX/MER 552106754228	210-43110.626 Vehicle Fuels	55.18	33061	03/12/21
05290	ADVANCE AUTO PARTS	03/08/21	jack for shop 552106765565	210-43110.610 SUPPLIES	199.99	33061	03/12/21
07155	AMERICAN ROCK SALT CO LLC	02/24/21	salt 0672284	210-43125.610 WINTER MAINTENANCE	4480.70	33064	03/12/21
04310	APALACHEE MARINE	12/31/20	Salt 60161	210-43125.610 WINTER MAINTENANCE	5743.60	33065	03/12/21
09345	BASIC	03/04/21	Monthly Fee for COBRA Adm 40509906	210-41320.210 HEALTH INS & OTHER BENEFIT	42.50	33066	03/12/21
07465	BIBENS ACE HARDWARE INC	03/03/21	snow shovel 40662	210-43110.610 SUPPLIES	19.99	33067	03/12/21
00530	BRODART CO	02/23/21	Youth Collection, Supplie B6096494	210-45551.641 JUVEN COLLECTION-PRNT & E	41.00	33068	03/12/21
00530	BRODART CO	02/23/21	Youth Collection, Supplie B6096494	210-45551.610 SUPPLIES	3.20	33068	03/12/21
00530	BRODART CO	02/23/21	Youth Collection, Supplie B6096875	210-45551.610 SUPPLIES	5.60	33068	03/12/21
00530	BRODART CO	02/23/21	Youth Collection, Supplie B6096875	210-45551.641 JUVEN COLLECTION-PRNT & E	51.93	33068	03/12/21
00530	BRODART CO	02/24/21	Adult Collection, Supplie B6097981	210-45551.640 ADULT COLLECTION-PRINT &	78.30	33068	03/12/21
00530	BRODART CO	02/24/21	Adult Collection, Supplie B6097981	210-45551.610 SUPPLIES	3.20	33068	03/12/21
00530	BRODART CO	03/01/21	Adult Collection, Supplie B6101772	210-45551.640 ADULT COLLECTION-PRINT &	521.91	33068	03/12/21
00530	BRODART CO	03/01/21	Adult Collection, Supplie B6101772	210-45551.610 SUPPLIES	30.40	33068	03/12/21
03000	CARGILL SALT EASTERN INC	02/23/21	salt 2906040326	210-43125.610 WINTER MAINTENANCE	2191.85	33069	03/12/21

Vendor	Invoice Description	Invoice Date	Invoice Number	Account	Amount Paid	Check Number	Check Date
03000	CARGILL SALT EASTERN INC	02/24/21	SALT 2906044348	210-43125.610 WINTER MAINTENANCE	2207.36	33069	03/12/21
21120	CHAMPLAIN MEDICAL URGENT	08/16/20	Physical DAVIES 0003984500	210-42220.566 PHYSICAL EXAMS	35.00	33072	03/12/21
21120	CHAMPLAIN MEDICAL URGENT	02/27/21	Physical HARNOSIS 0004321100	210-42220.566 PHYSICAL EXAMS	345.00	33072	03/12/21
21210	CINTAS LOC # 68M 71 M	03/08/21	first aid stuff 5054505357	210-43110.610 SUPPLIES	79.48	33075	03/12/21
21210	CINTAS LOC # 68M 71 M	03/01/21	WATERBREAK COOLER AGRMENT 9122358542	210-43110.610 SUPPLIES	50.00	33075	03/12/21
23525	CLARK'S TRUCK CENTER INC	03/02/21	DEF2 444167	210-43110.626 Vehicle Fuels	26.97	33076	03/12/21
25120	CLICKTIME.COM	03/04/21	Town ClickTime February 339654	210-41510.570 Other Purchased Services	80.00	33077	03/12/21
27330	COLLABORATIVE SUMMER LIBR	02/24/21	Youth Foundation expense 13666	210-49345.000 LIBRARY DONATION EXPENDIT	513.95	33078	03/12/21
04940	COMCAST	02/27/21	Internet EJFD 3/4-4/3/21 0179210 2021	210-41945.022 Telephone - Fire Station	168.40	33083	03/12/21
38280	CRYSTAL ROCK BOTTLED WATE	03/02/21	Water 2 LINCOLN 17722277 032	210-41946.020 Gen Supplies - 2 Lincoln	2.00	33086	03/12/21
27420	DAVE WHITCOMB'S SERVICE C	02/24/21	EJRP Maint Truck 24252	210-45220.330 OTHER PROFESSIONAL SVCS	452.68	33087	03/12/21
33075	DELL MARKETING LP	03/06/21	EJFD New Computers 10470200652	210-42220.889 ROUTINE EQUIPMENT PURCHAS	3876.21	33088	03/12/21
25715	DONALD L. HAMLIN CONSULT	02/26/21	VEJ-Utility Map Update 1/ 20818 22621	210-43110.330 Professional Services	119.80	33090	03/12/21
24045	EMPIRE JANITORIAL SUPPLY	03/02/21	Maint Supplies 207796	210-45220.610 SUPPLIES	464.34	33091	03/12/21
23215	ESSEX EQUIPMENT INC	03/05/21	Scissor Lift Rental - MPR 107788390001	210-45220.442 EQUIPMENT RENTAL	437.76	33092	03/12/21
04640	FASTENAL INDUSTRIAL & CON	03/03/21	credit VTBUR289004A	210-43110.610 SUPPLIES	-36.81	33095	03/12/21
04640	FASTENAL INDUSTRIAL & CON	03/02/21	bolts VTBUR290784	210-43110.610 SUPPLIES	46.12	33095	03/12/21
04640	FASTENAL INDUSTRIAL & CON	03/03/21	nuts and bolts VTBUR290879	210-43110.610 SUPPLIES	45.05	33095	03/12/21
21150	FINDAWAY LLC	02/10/21	Youth Replacements 341298	210-49346.002 JUVEN COLLECTION-PRNT & E	69.99	33097	03/12/21
19005	FIRSTLIGHT FIBER	03/01/21	Telephone 8709655	210-41945.020 Telephone - 2 Lincoln St	252.40	33098	03/12/21
28095	FLAG SHOP OF VERMONT	02/11/21	Flags supplies 24629	210-43117.000 Streetscape Maintenance	868.20	33100	03/12/21
27385	FORGE TRUCK EQUIPPERS LLC	02/28/21	service repair truck 7 tr 1080	210-43110.432 R&M Services - Vehicles	665.50	33103	03/12/21
34895	GAUTHIER TRUCKING, INC.	03/01/21	Rubbish Removal Jackson 1544074	210-43110.565 RUBBISH REMOVAL	104.11	33105	03/12/21
34895	GAUTHIER TRUCKING, INC.	03/01/21	Rubbish Removal Railroad 1544076	210-43110.565 RUBBISH REMOVAL	476.06	33105	03/12/21
34895	GAUTHIER TRUCKING, INC.	03/01/21	1 Rubbish removal Beech S 1544205	210-43110.565 RUBBISH REMOVAL	64.59	33105	03/12/21

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Check Warrant Report # 17242 Current Prior Next FY Invoices For Fund (GENERAL FUND)

HPackard

For Check Acct 01 (GENERAL FUND) All check #s 03/12/21 To 03/12/21 & Fund 2

Vendor	Invoice Date	Invoice Description Invoice Number	Account	Amount Paid	Check Number	Check Date
34895	03/01/21	MSP Trash Removal 2/1-2/2 1544861	210-41943.026 Contractual Svcs - Maple	392.33	33105	03/12/21
00820	02/26/21	Trash/Dog Park Bags 117317448	210-45220.610 SUPPLIES	32.77	33106	03/12/21
27345	03/02/21	Music for 8-15-20 Open an 030321D	210-41335.812 NEW PROGRAMS	250.00	33107	03/12/21
04035	03/03/21	SNOW SHOVEL,POLY 82833	210-43110.610 SUPPLIES	161.95	33108	03/12/21
19205	02/24/21	Corduroy Slipline 1043	210-43150.430 Storm Sewer Maintenance	16660.00	33109	03/12/21
V9454	02/19/21	uniforms 3341891	210-43110.612 UNIFORMS,BOOTS,ETC	74.98	33117	03/12/21
33195	03/01/21	fix garage door 71486TE	210-43110.434 MAINT. BUILDINGS/GROUNDS	155.20	33118	03/12/21
25625	03/02/21	EJRP Lowes Supplies Febru 4191080 0321	210-45220.610 SUPPLIES	283.08	33119	03/12/21
V10130	02/26/21	plywood for 20 vale to se 02415	210-43110.610 SUPPLIES	60.70	33120	03/12/21
V10130	02/15/21	mailboxs and posts 02918A	210-43125.610 WINTER MAINTENANCE	129.99	33120	03/12/21
V10130	02/25/21	signs for shop 02990	210-43110.610 SUPPLIES	41.68	33120	03/12/21
V10130	02/08/21	cleaning supplies 09932	210-43110.610 SUPPLIES	18.62	33120	03/12/21
V10462	03/01/21	Feb 21 Legal FEB2021	210-41320.320 LEGAL SERVICES	345.00	33126	03/12/21
V10462	03/01/21	Feb 21 Legal FEB2021	210-41320.320 LEGAL SERVICES	490.00	33126	03/12/21
V10462	03/01/21	Feb 21 Legal FEB2021	210-41320.320 LEGAL SERVICES	657.50	33126	03/12/21
V10462	03/01/21	Feb 21 Legal FEB2021	210-41320.320 LEGAL SERVICES	350.00	33126	03/12/21
V10462	03/01/21	Feb 21 Legal FEB2021	210-15102.000 EXCHANGE - ENGI/LEGAL	52.50	33126	03/12/21
V10462	03/01/21	Feb 21 Legal FEB2021	210-41320.320 LEGAL SERVICES	75.00	33126	03/12/21
V10462	02/01/21	Jan 21 legal JAN2021	210-41320.320 LEGAL SERVICES	420.00	33126	03/12/21
V10462	02/01/21	Jan 21 legal JAN2021	210-41320.320 LEGAL SERVICES	87.50	33126	03/12/21
V10462	02/01/21	Jan 21 legal JAN2021	210-15102.000 EXCHANGE - ENGI/LEGAL	17.50	33126	03/12/21
V10462	02/01/21	Jan 21 legal JAN2021	210-41320.320 LEGAL SERVICES	385.00	33126	03/12/21
V10462	02/01/21	Jan 21 legal JAN2021	210-41320.320 LEGAL SERVICES	270.00	33126	03/12/21
14585	03/01/21	SCBA Masks IN1554640	210-42220.889 ROUTINE EQUIPMENT PURCHAS	998.25	33127	03/12/21
43435	03/01/21	Cool-Gard II Pre-mix 2-1/ 2069675	210-43110.432 R&M Services - Vehicles	35.82	33129	03/12/21

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Check Warrant Report # 17242 Current Prior Next FY Invoices For Fund (GENERAL FUND)

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For Check Acct 01 (GENERAL FUND) All check #s 03/12/21 To 03/12/21 & Fund 2

Vendor	Invoice Date	Invoice Description	Invoice Number	Account	Amount Paid	Check Number	Check Date
24100	02/26/21	SIGNS	185039	210-43120.610 Summer Const - Supplies	48.45	33130	03/12/21
24100	03/05/21	SIGNS	185121	210-43120.610 Summer Const - Supplies	51.35	33130	03/12/21
24410	02/28/21	Courier Service Feb 1 - 2	80272110	210-45551.536 POSTAGE/DELIVERY	165.92	33135	03/12/21
05380	03/05/21	Postage Village	031121D	210-41320.536 POSTAGE	442.90	33136	03/12/21
24325	02/26/21	License Fee	24142932	210-42220.443 RADIO MAINTENANCE	700.00	33138	03/12/21
02050	01/22/21	Diesel fuel Backhoe	4 012221	210-43110.626 Vehicle Fuels	75.01	33140	03/12/21
02050	12/04/20	diesel fuel truck #14	48 120420	210-43110.626 Vehicle Fuels	212.95	33140	03/12/21
02050	01/23/21	Diesel fuel	9 012321	210-43110.626 Vehicle Fuels	62.48	33140	03/12/21
43275	02/19/21	REPAIRS TO VILLAGE BUILDING	13616	210-41942.020 R&M Bldg - 2 Lincoln St	764.07	33142	03/12/21
17505	03/11/21	Village Solar	227	210-41947.026 Electricity - Maple St	991.40	33143	03/12/21
17505	03/11/21	Village Solar	227	210-41947.023 Electricity - Park St Sch	170.03	33143	03/12/21
17505	03/11/21	Village Solar	227	210-41947.021 Electricity - Brownell	339.53	33143	03/12/21
17505	03/11/21	Village Solar	227	210-41947.022 Electricity - Fire Statio	197.57	33143	03/12/21
17505	03/11/21	Village Solar	227	210-41947.020 Electricity - 2 Lincoln S	197.57	33143	03/12/21
17505	03/11/21	Village Solar	227	210-43115.622 Electricity - St/Traffic	382.84	33143	03/12/21
17505	03/11/21	Village Solar	227	210-43110.622 ELECTRICAL SERVICE	108.25	33143	03/12/21
42565	02/24/21	Planning Commission Ads	209662	210-41970.550 PRINTING AND ADVERTISING	117.52	33144	03/12/21
14740	02/26/21	Stripping Pad	W422900	210-42220.570 MAINTENANCE OTHER	61.29	33148	03/12/21
14800	03/01/21	Antivirus Annual	91909	210-42220.570 MAINTENANCE OTHER	216.00	33149	03/12/21
36130	02/19/21	communications 1/20-2/19	9873684521	210-43110.530 Communications	192.82	33153	03/12/21
11935	03/05/21	AUGER BEARING	4504881	210-43110.432 R&M Services - Vehicles	28.74	33155	03/12/21
22070	03/04/21	Ballot envelope printing	8324	210-41320.820 ELECTIONS	195.75	33156	03/12/21
22070	03/11/21	Election env printing	8331	210-41320.820 ELECTIONS	672.75	33156	03/12/21
21230	02/19/21	Vision Mar 21 Vill	811712	210-41320.210 HEALTH INS & OTHER BENEFIT	58.19	33157	03/12/21
21230	02/19/21	Vision Mar 21 Vill	811712	210-41510.210 Group Insurance	13.61	33157	03/12/21

Vendor	Invoice Description	Invoice Date	Invoice Number	Account	Amount Paid	Check Number	Check Date
21230	VISION SERVICE PLAN (CT)	02/19/21	Vision Mar 21 Vill 811712 030121V	210-43110.210 HEALTH INS & OTHER BENEFIT	67.93	33157	03/12/21
21230	VISION SERVICE PLAN (CT)	02/19/21	Vision Mar 21 Vill 811712 030121V	210-43151.210 HEALTH INS & OTHER BENEFIT	10.00	33157	03/12/21
21230	VISION SERVICE PLAN (CT)	02/19/21	Vision Mar 21 Vill 811712 030121V	210-45551.210 HEALTH INS & OTHER BENEFIT	90.55	33157	03/12/21
21230	VISION SERVICE PLAN (CT)	02/19/21	Vision Mar 21 Vill 811712 030121V	210-41970.210 HEALTH INS & OTHER BENEFIT	18.76	33157	03/12/21
21230	VISION SERVICE PLAN (CT)	02/19/21	Vision Mar 21 Vill 811712 030121V	210-45110.210 HEALTH INS & OTHER BENEFIT	86.81	33157	03/12/21
21230	VISION SERVICE PLAN (CT)	02/19/21	Vision Mar 21 Vill 811712 030121V	210-45220.210 HEALTH INS & OTHER BENEFIT	22.99	33157	03/12/21
29825	VT GAS SYSTEMS	02/19/21	Group List Billing 1/19-2 021921D	210-43110.623 HEATING/NATURAL GAS	637.52	33162	03/12/21
29825	VT GAS SYSTEMS	02/19/21	Group List Billing 1/19-2 021921D	210-41948.021 Natural Gas - Brownell	1241.21	33162	03/12/21
29825	VT GAS SYSTEMS	02/19/21	Group List Billing 1/19-2 021921D	210-41948.020 Natural Gas - 2 Lincoln	973.74	33162	03/12/21
29825	VT GAS SYSTEMS	02/19/21	Group List Billing 1/19-2 021921D	210-41948.022 Natural Gas - Fire Statio	873.41	33162	03/12/21
29825	VT GAS SYSTEMS	02/19/21	Group List Billing 1/19-2 021921D	210-41948.023 Natural Gas - Park St Sch	580.15	33162	03/12/21
37985	A T & T MOBILITY	02/23/21	CELL PHONE SERVICE 878149822321	226-45115.330 OTHER PROFESSIONAL SVCS	43.24	33059	03/12/21
19815	AMAZON CAPITAL SERVICES	03/01/21	Snowshoe Clips 11FD1H3P9F6W	226-45115.610 SUPPLIES	9.95	33063	03/12/21
19815	AMAZON CAPITAL SERVICES	03/05/21	RK FMS Supplies 199CMKMVKWQ1	226-45120.610 SUPPLIES	79.99	33063	03/12/21
19815	AMAZON CAPITAL SERVICES	02/25/21	RK Hiawatha Supplies 1KL1PMK6L4K1	226-45120.610 SUPPLIES	135.82	33063	03/12/21
19815	AMAZON CAPITAL SERVICES	03/03/21	RK Hiawatha Snack 1MTR3X11DPMM	226-45120.610 SUPPLIES	235.03	33063	03/12/21
19815	AMAZON CAPITAL SERVICES	03/07/21	RK Summit Supplies 1XFDDMVJP41F	226-45120.610 SUPPLIES	76.86	33063	03/12/21
24855	PETTY CASH - CAITLIN FAY	03/11/21	EJRP Petty Cash Reimburse 031121D	226-45120.610 SUPPLIES	132.89	33131	03/12/21
24830	REINHART FOODSERVICE	03/04/21	RK Fleming Snack 444397	226-45120.610 SUPPLIES	146.82	33139	03/12/21
24830	REINHART FOODSERVICE	03/08/21	RK Westford Snack 445333	226-45120.610 SUPPLIES	18.75	33139	03/12/21
24830	REINHART FOODSERVICE	03/08/21	RK EES Snack 445989	226-45120.610 SUPPLIES	184.67	33139	03/12/21
21230	VISION SERVICE PLAN (CT)	02/19/21	Vision Mar 21 Vill 811712 030121V	226-45120.210 HEALTH INS & OTHER BENEFIT	93.80	33157	03/12/21
21230	VISION SERVICE PLAN (CT)	02/19/21	Vision Mar 21 Vill 811712 030121V	226-45121.210 HEALTH INS & OTHER BENEFIT	67.56	33157	03/12/21
V10462	MONAGHAN SAFAR DUCHAM PL	03/01/21	Feb 21 Legal FEB2021	230-46801.008 CRESCENT CONNECTOR	1267.50	33126	03/12/21
V10462	MONAGHAN SAFAR DUCHAM PL	03/01/21	Feb 21 Legal FEB2021	230-46801.008 CRESCENT CONNECTOR	3355.00	33126	03/12/21

Vendor	Invoice Date	Invoice Description	Account	Amount Paid	Check Number	Check Date
V10462	02/01/21	MONAGHAN SAFAR DUCHAM PL Jan 21 legal JAN2021	230-46801.008 CRESCENT CONNECTOR	355.00	33126	03/12/21
V10462	02/01/21	MONAGHAN SAFAR DUCHAM PL Jan 21 legal JAN2021	230-46801.008 CRESCENT CONNECTOR	1195.00	33126	03/12/21
06185	03/09/21	CHAMPLAIN VALLEY EXPOSITI Water Leak Abatement 030921D	254-11501.001 AR VILLAGE WATER CUST.	2271.01	33073	03/12/21
18000	03/09/21	FERGUSON WATERWORKS #590 8" wrap around band for w 1008809	254-43200.430 WATER LINES MAINT-BREAKS	419.72	33096	03/12/21
13000	02/16/21	MARSHALL TIRE GROUP INC backhoe tire 61106	254-43200.570 MAINTENANCE OTHER	829.72	33122	03/12/21
13000	02/19/21	MARSHALL TIRE GROUP INC backhoe tire 61143	254-43200.570 MAINTENANCE OTHER	797.22	33122	03/12/21
43435	03/01/21	NORTRAX (PARTS) Radiator Hose 2069669	254-43200.570 MAINTENANCE OTHER	23.86	33129	03/12/21
36130	02/19/21	VERIZON WIRELESS communications 1/20-2/19 9873684521	254-43200.535 TELEPHONE SERVICES	177.24	33153	03/12/21
21230	02/19/21	VISION SERVICE PLAN (CT) Vision Mar 21 Vill 811712 030121V	254-43200.210 HEALTH INS & OTHER BENEFIT	48.71	33157	03/12/21
29825	02/19/21	VT GAS SYSTEMS Group List Billing 1/19-2 021921D	254-43200.623 HEATING/NATURAL GAS	495.80	33162	03/12/21
42625	03/03/21	ALDRICH & ELLIOTT PC Services from 2/28-3/2721 79682	255-43330.018 Energy Conservation Measu	521.16	33062	03/12/21
06185	03/09/21	CHAMPLAIN VALLEY EXPOSITI Water Leak Abatement 030921D	255-11501.001 AR VILLAGE WWTF CUST	3063.45	33073	03/12/21
V10616	03/02/21	EVOQUA WATER TECH LLC 3470 Gallon BIOXIDE 904817878	255-43200.619 CHEMICALS	9195.50	33093	03/12/21
38955	03/04/21	F W WEBB COMPANY pipe supplies 70696491	255-43200.570 MAINTENANCE OTHER	113.50	33094	03/12/21
19005	03/01/21	FIRSTLIGHT FIBER telephone inernet 8709654	255-43330.022 Pump Station Odor Control	175.48	33098	03/12/21
V10347	03/04/21	J.C. EHRLICH March Pest SERVICE 1698757	255-43200.570 MAINTENANCE OTHER	74.00	33114	03/12/21
42805	02/05/21	MARYLAND BIOCHEMICAL CO.I Reliant Wet Well Wizard S 2PP1021	255-43330.003 WWTF REFUBISH	8593.28	33123	03/12/21
12775	02/28/21	PRATT & SMITH ELECTRICAL Control Bldg Boiler 8827	255-43200.570 MAINTENANCE OTHER	78.00	33134	03/12/21
12775	02/28/21	PRATT & SMITH ELECTRICAL WAS Flow meter installati 8829	255-43200.570 MAINTENANCE OTHER	1142.67	33134	03/12/21
20040	03/01/21	RAB CONSULTING & SERVICES Permit review and other C 102	255-43200.330 OTHER PROFESSIONAL SERVIC	1360.00	33137	03/12/21
21230	02/19/21	VISION SERVICE PLAN (CT) Vision Mar 21 Vill 811712 030121V	255-43200.210 HEALTH INS & OTHER BENEFIT	96.98	33157	03/12/21
29825	02/19/21	VT GAS SYSTEMS Group List Billing 1/19-2 021921D	255-43200.623 HEATING/NATURAL GAS	2229.52	33162	03/12/21
07565	03/01/21	W B MASON CO INC paper 218288840	255-43200.610 SUPPLIES	29.99	33168	03/12/21
V10409	02/22/21	WATER INDUSTRIES INC Filter pump rebuild stock 134890	255-43200.570 MAINTENANCE OTHER	2810.64	33170	03/12/21
V10409	03/03/21	WATER INDUSTRIES INC Filter Building pump slee 134946	255-43200.570 MAINTENANCE OTHER	125.58	33170	03/12/21

Vendor	Invoice Date	Invoice Description Invoice Number	Account	Amount Paid	Check Number	Check Date
V10409	03/05/21	WATER INDUSTRIES INC Filter pump Shaft Sleeve 134962	255-43200.570 MAINTENANCE OTHER	490.50	33170	03/12/21
06185	03/09/21	CHAMPLAIN VALLEY EXPOSITI Water Leak Abatement 030921D	256-11501.001 AR VILLAGE SANIT CUST	2260.69	33073	03/12/21
40640	03/05/21	POLLARD WATER M/HOLE CVR DOLLY 0186010	256-43200.610 SUPPLIES	741.60	33133	03/12/21
17505	03/11/21	SAND HILL SOLAR LLC Village Solar 227	256-43220.002 WEST ST PS COSTS	249.26	33143	03/12/21
17505	03/11/21	SAND HILL SOLAR LLC Village Solar 227	256-43220.001 SUSIE WILSON PS COSTS	183.13	33143	03/12/21
17505	03/11/21	SAND HILL SOLAR LLC Village Solar 227	256-43200.622 ELECTRICAL SERVICE	64.34	33143	03/12/21
36130	02/23/21	VERIZON WIRELESS communications pump stati 9874076122	256-43200.434 PUMP STATION MAINTENANCE	149.64	33154	03/12/21
36130	02/23/21	VERIZON WIRELESS communications pump stati 9874076122	256-43220.001 SUSIE WILSON PS COSTS	38.54	33154	03/12/21
36130	02/23/21	VERIZON WIRELESS communications pump stati 9874076122	256-43220.001 SUSIE WILSON PS COSTS	38.54	33154	03/12/21
36130	02/23/21	VERIZON WIRELESS communications pump stati 9874076122	256-43200.434 PUMP STATION MAINTENANCE	149.64	33154	03/12/21
36130	02/23/21	VERIZON WIRELESS communications pump stati 9874076122	256-43220.001 SUSIE WILSON PS COSTS	38.55	33154	03/12/21
36130	02/23/21	VERIZON WIRELESS communications pump stati 9874076122	256-43220.002 WEST ST PS COSTS	38.55	33154	03/12/21
21230	02/19/21	VISION SERVICE PLAN (CT) Vision Mar 21 Vill 811712 030121V	256-43200.210 HEALTH INS & OTHER BENEFIT	33.98	33157	03/12/21
29825	02/19/21	VT GAS SYSTEMS Group List Billing 1/19-2 021921D	256-43220.001 SUSIE WILSON PS COSTS	39.88	33162	03/12/21
29825	02/19/21	VT GAS SYSTEMS Group List Billing 1/19-2 021921D	256-43220.002 WEST ST PS COSTS	39.88	33162	03/12/21
29825	02/19/21	VT GAS SYSTEMS Group List Billing 1/19-2 021921D	256-43200.623 HEATING/NATURAL GAS	149.74	33162	03/12/21

03/12/21

Town of Essex / Village of EJ Accounts Payable

03:04 pm

Check Warrant Report # 17242 Current Prior Next FY Invoices For Fund (GENERAL FUND)

HPackard

For Check Acct 01 (GENERAL FUND) All check #s 03/12/21 To 03/12/21 & Fund 2

Vendor	Invoice Date	Invoice Description Invoice Number	Account	Amount Paid	Check Number	Check Date
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Report Total

106096.22

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Vendor	Invoice Description	Invoice Date	Invoice Number	Account	Amount Paid	Check Number	Check Date
19815	AMAZON CAPITAL SERVICES	03/04/21	Office Supplies 1HCKH1DH74HK	210-45110.610 SUPPLIES	30.98	33177	03/19/21
19815	AMAZON CAPITAL SERVICES	02/22/21	Office Supplies 1K1TT97TFY33	210-45110.610 SUPPLIES	34.98	33177	03/19/21
42665	AMAZON/SYNCB	03/10/21	Adult Coll., Y A Program 0069852 0310	210-45551.640 ADULT COLLECTION-PRINT &	266.15	33178	03/19/21
42665	AMAZON/SYNCB	03/10/21	Adult Coll., Y A Program 0069852 0310	210-45551.837 CHILDRENS PROGRAMS	27.60	33178	03/19/21
42665	AMAZON/SYNCB	03/10/21	Adult Coll., Y A Program 0069852 0310	210-45551.836 ADULT PROGRAMS	42.96	33178	03/19/21
42665	AMAZON/SYNCB	03/10/21	Adult Coll., Y A Program 0069852 0310	210-45551.610 SUPPLIES	36.58	33178	03/19/21
42665	AMAZON/SYNCB	02/10/21	EJRP Amazon Jan. 0432266 022	210-45110.610 SUPPLIES	79.17	33179	03/19/21
07155	AMERICAN ROCK SALT CO LLC	03/02/21	Salt 0673808	210-43125.610 WINTER MAINTENANCE	2927.40	33181	03/19/21
V9976	AVONDA AIR SYSTEMS, INC	03/06/21	Air system inspection, ma 10977	210-41942.021 R&M Bldg - Brownell	1750.00	33184	03/19/21
V9976	AVONDA AIR SYSTEMS, INC	03/08/21	Air system inducer motor 11001	210-41942.021 R&M Bldg - Brownell	1350.00	33184	03/19/21
23190	BAILEY SPRING & CHASSIS	01/25/21	push salt spreader S29908	210-43110.610 SUPPLIES	735.00	33185	03/19/21
00530	BRODART CO	03/04/21	FASTips books, Supplies B6104982	210-49345.000 LIBRARY DONATION EXPENDIT	28.96	33188	03/19/21
00530	BRODART CO	03/04/21	FASTips books, Supplies B6104982	210-45551.610 SUPPLIES	1.60	33188	03/19/21
00530	BRODART CO	03/05/21	Youth Collection, Supplie B6105965	210-45551.641 JUVEN COLLECTION-PRNT & E	10.25	33188	03/19/21
00530	BRODART CO	03/05/21	Youth Collection, Supplie B6105965	210-45551.610 SUPPLIES	0.80	33188	03/19/21
00530	BRODART CO	03/05/21	Adult Collection, Supplie B6106018	210-45551.640 ADULT COLLECTION-PRINT &	105.82	33188	03/19/21
00530	BRODART CO	03/05/21	Adult Collection, Supplie B6106018	210-45551.610 SUPPLIES	5.60	33188	03/19/21
00530	BRODART CO	03/05/21	Adult Collection, Supplie B6106283	210-45551.640 ADULT COLLECTION-PRINT &	51.55	33188	03/19/21
00530	BRODART CO	03/05/21	Adult Collection, Supplie B6106283	210-45551.610 SUPPLIES	2.40	33188	03/19/21
00530	BRODART CO	03/11/21	Youth Collectn, Supplies B6111201	210-45551.641 JUVEN COLLECTION-PRNT & E	18.89	33188	03/19/21
00530	BRODART CO	03/11/21	Youth Collectn, Supplies B6111201	210-45551.641 JUVEN COLLECTION-PRNT & E	264.04	33188	03/19/21
00530	BRODART CO	03/11/21	Youth Collectn, Supplies B6111201	210-45551.610 SUPPLIES	20.80	33188	03/19/21
03000	CARGILL SALT EASTERN INC	02/26/21	salt 2906052090	210-43125.610 WINTER MAINTENANCE	1567.22	33190	03/19/21
03000	CARGILL SALT EASTERN INC	03/09/21	salt 2906075806	210-43125.610 WINTER MAINTENANCE	2234.15	33190	03/19/21
V04609	CENTER POINT LARGE PRINT	03/01/21	Adult Collection 1830638	210-45551.640 ADULT COLLECTION-PRINT &	93.48	33195	03/19/21

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21210	03/18/21	supplies soap shop rags 4078867098	210-43110.610 SUPPLIES	80.17	33197	03/19/21
17895	02/08/21	MSP Cleaning January 9372	210-41943.026 Contractual Svcs - Maple	2275.00	33198	03/19/21
17895	02/08/21	MSP Covid Cleaning Januar 9373	210-41943.026 Contractual Svcs - Maple	2553.00	33198	03/19/21
17895	02/28/21	MSP Extra Covid Cleaning 9417	210-41943.026 Contractual Svcs - Maple	2178.00	33198	03/19/21
17895	02/28/21	MSP Cleaning - February 9418	210-41943.026 Contractual Svcs - Maple	2275.00	33198	03/19/21
25120	03/04/21	EJRP Timesheets January 339361	210-45110.330 OTHER PROFESSIONAL SVCS	553.00	33199	03/19/21
27330	03/11/21	SRP T-shirts/Bags: Founda 2115	210-49345.000 LIBRARY DONATION EXPENDIT	17.48	33200	03/19/21
04940	02/23/21	Park St Internet March 3/ 0210908 0221	210-41945.023 Telephone - Park St Sch	217.69	33201	03/19/21
V9941	02/16/21	Hole Punch 021621 amz	210-43110.610 SUPPLIES	26.89	33202	03/19/21
V9941	03/04/21	Tech Access 0304Godaddy	210-45551.530 TECHNOLOGY ACCESS	399.98	33202	03/19/21
V9941	02/15/21	Headset A 021521D	210-42220.610 SUPPLIES	139.99	33202	03/19/21
V9941	02/24/21	Batteries E 885223277	210-42220.570 MAINTENANCE OTHER	165.98	33202	03/19/21
31275	03/08/21	snow removal 19	210-43125.570 CONTRACT SERVICES	1500.00	33204	03/19/21
25715	03/15/21	VEJ-Misc Assistance 2021 21810 031521	210-43110.330 Professional Services	1661.50	33205	03/19/21
25715	03/15/21	period: January 1 - Febru 21813 31521	210-43110.330 Professional Services	422.75	33205	03/19/21
14265	03/14/21	Onsite Training at Essex 31421 D	210-43110.500 TRAINING, CONFERENCES, DU	1500.00	33207	03/19/21
23215	03/09/21	BULB,FLASHING BEACON 107794560001	210-43110.610 SUPPLIES	32.52	33211	03/19/21
23215	03/11/21	HITCH PN 107796480001	210-43110.610 SUPPLIES	10.77	33211	03/19/21
23215	03/17/21	bar and chain oil 107800300001	210-43110.610 SUPPLIES	14.75	33211	03/19/21
04640	03/02/21	Electrical Supplies VTBUR290788	210-45220.610 SUPPLIES	92.05	33213	03/19/21
04640	03/09/21	nuts and bolts VTBUR291060	210-43110.610 SUPPLIES	5.92	33213	03/19/21
21760	01/25/21	EPR Credit Card January 0492 0121	210-45110.530 COMMUNICATIONS	46.99	33217	03/19/21
21760	01/25/21	EPR Credit Card January 0492 0121	210-45110.530 COMMUNICATIONS	7.61	33217	03/19/21
21760	01/25/21	EPR Credit Card January 0492 0121	210-45110.530 COMMUNICATIONS	15.89	33217	03/19/21
21760	02/24/21	EPR Credit Card February 0492 0221	210-45110.530 COMMUNICATIONS	46.99	33217	03/19/21

Vendor	Invoice Description	Invoice Date	Invoice Number	Account	Amount Paid	Check Number	Check Date
21760	FIRST NATIONAL BANK OMAHA	02/24/21	EPR Credit Card February 0492 0221	210-45110.530 COMMUNICATIONS	7.61	33217	03/19/21
21760	FIRST NATIONAL BANK OMAHA	02/24/21	EPR Credit Card February 0492 0221	210-45110.530 COMMUNICATIONS	15.89	33217	03/19/21
21760	FIRST NATIONAL BANK OMAHA	02/24/21	EPR Credit Card February 0492 0221	210-45110.500 TRAINING, CONF, DUES	3.80	33217	03/19/21
19005	FIRSTLIGHT FIBER	02/01/21	MSP Internet February 8588939	210-41945.026 Telephone - Maple St Park	360.00	33218	03/19/21
19005	FIRSTLIGHT FIBER	03/01/21	Telephone, Tech Access 8709744	210-45551.530 TECHNOLOGY ACCESS	48.69	33219	03/19/21
19005	FIRSTLIGHT FIBER	03/01/21	Telephone, Tech Access 8709744	210-41945.021 Telephone - Brownell	86.92	33219	03/19/21
00820	GLOBAL EQUIPMENT COMPANY	03/09/21	Dog Park Bags 117363739	210-45220.610 SUPPLIES	135.89	33225	03/19/21
07010	GREEN MOUNTAIN POWER CORP	03/12/21	GMP Non Solar multi Accts 0206201 0312	210-43115.622 Electricity - St/Traffic	9541.86	33227	03/19/21
07010	GREEN MOUNTAIN POWER CORP	03/12/21	GMP Non Solar multi Accts 0206201 0312	210-43115.622 Electricity - St/Traffic	662.32	33227	03/19/21
07010	GREEN MOUNTAIN POWER CORP	03/09/21	Solar Accounts 02/05 to 0 030921DA	210-41947.020 Electricity - 2 Lincoln S	334.19	33230	03/19/21
07010	GREEN MOUNTAIN POWER CORP	03/09/21	Solar Accounts 02/05 to 0 030921DA	210-41947.022 Electricity - Fire Statio	334.19	33230	03/19/21
07010	GREEN MOUNTAIN POWER CORP	03/09/21	Solar Accounts 02/05 to 0 030921DA	210-43110.622 ELECTRICAL SERVICE	221.95	33230	03/19/21
07010	GREEN MOUNTAIN POWER CORP	03/09/21	Solar Accounts 02/05 to 0 030921DA	210-41947.021 Electricity - Brownell	373.64	33230	03/19/21
07010	GREEN MOUNTAIN POWER CORP	03/09/21	Solar Accounts 02/05 to 0 030921DA	210-43115.622 Electricity - St/Traffic	327.18	33230	03/19/21
07010	GREEN MOUNTAIN POWER CORP	03/09/21	Solar Accounts 02/05 to 0 030921DA	210-41947.023 Electricity - Park St Sch	94.89	33230	03/19/21
23595	HAMMOND ELECTRIC INC	03/17/21	REPAIRED A LIGHT 9468CE	210-41942.022 R&M Bldg - Fire Station	308.50	33232	03/19/21
23595	HAMMOND ELECTRIC INC	03/17/21	MOVE THERMOSTAT 2 LINCOLN 9669JH	210-41942.020 R&M Bldg - 2 Lincoln St	119.40	33232	03/19/21
27425	HAWK HILL CABINETRY & CUS	03/16/21	Shelves for Youth Nonfict 210525001	210-41942.021 R&M Bldg - Brownell	3467.00	33233	03/19/21
23095	JONES JOSHUA M	03/01/21	MSP Lobby Dutch Door Inst 1340	210-45220.330 OTHER PROFESSIONAL SVCS	1000.00	33238	03/19/21
20365	KEY CHEVROLET BUICK GMC C	01/06/21	vehicle supplies 9460P	210-43110.432 R&M Services - Vehicles	222.92	33240	03/19/21
14025	LINCOLN NATIONAL LIFE INS	03/11/21	Life Prem Apr 21 Vill 040121V	210-41320.210 HEALTH INS & OTHER BENEFI	121.81	33244	03/19/21
14025	LINCOLN NATIONAL LIFE INS	03/11/21	Life Prem Apr 21 Vill 040121V	210-41510.210 Group Insurance	40.61	33244	03/19/21
14025	LINCOLN NATIONAL LIFE INS	03/11/21	Life Prem Apr 21 Vill 040121V	210-43110.210 HEALTH INS & OTHER BENEFI	133.86	33244	03/19/21
14025	LINCOLN NATIONAL LIFE INS	03/11/21	Life Prem Apr 21 Vill 040121V	210-43151.210 HEALTH INS & OTHER BENEFI	21.65	33244	03/19/21
14025	LINCOLN NATIONAL LIFE INS	03/11/21	Life Prem Apr 21 Vill 040121V	210-45551.210 HEALTH INS & OTHER BENEFI	243.60	33244	03/19/21

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14025	LINCOLN NATIONAL LIFE INS	03/11/21	Life Prem Apr 21 Vill 040121V	210-41970.210 HEALTH INS & OTHER BENEFIT	81.20	33244	03/19/21
14025	LINCOLN NATIONAL LIFE INS	03/11/21	Life Prem Apr 21 Vill 040121V	210-45110.210 HEALTH INS & OTHER BENEFIT	162.40	33244	03/19/21
14025	LINCOLN NATIONAL LIFE INS	03/11/21	Life Prem Apr 21 Vill 040121V	210-45220.210 HEALTH INS & OTHER BENEFIT	78.73	33244	03/19/21
08645	LOWES BUSINESS ACCT/SYNCB	02/11/21	FIRE DEPT BLDG REPAIR 199645	210-41942.022 R&M Bldg - Fire Station	31.44	33245	03/19/21
27395	MVP HEALTH CARE INC 43118	03/08/21	Health Prem Vill Apr 21 040121V	210-41320.210 HEALTH INS & OTHER BENEFIT	3926.34	33250	03/19/21
27395	MVP HEALTH CARE INC 43118	03/08/21	Health Prem Vill Apr 21 040121V	210-43110.210 HEALTH INS & OTHER BENEFIT	5233.29	33250	03/19/21
27395	MVP HEALTH CARE INC 43118	03/08/21	Health Prem Vill Apr 21 040121V	210-43151.210 HEALTH INS & OTHER BENEFIT	903.30	33250	03/19/21
27395	MVP HEALTH CARE INC 43118	03/08/21	Health Prem Vill Apr 21 040121V	210-45551.210 HEALTH INS & OTHER BENEFIT	7176.86	33250	03/19/21
27395	MVP HEALTH CARE INC 43118	03/08/21	Health Prem Vill Apr 21 040121V	210-41970.210 HEALTH INS & OTHER BENEFIT	1351.56	33250	03/19/21
27395	MVP HEALTH CARE INC 43118	03/08/21	Health Prem Vill Apr 21 040121V	210-45110.210 HEALTH INS & OTHER BENEFIT	7595.84	33250	03/19/21
27395	MVP HEALTH CARE INC 43118	03/08/21	Health Prem Vill Apr 21 040121V	210-45220.210 HEALTH INS & OTHER BENEFIT	2027.38	33250	03/19/21
44275	MVP SELECT CARE INC.	03/05/21	Administrative Fee Invoic 202102	210-41510.570 Other Purchased Services	107.50	33251	03/19/21
38540	NATIONAL RECREATION & PAR	03/05/21	CPRP Harlan Smith 030521D	210-45220.500 TRAINING, CONF, DUES	265.00	33252	03/19/21
38540	NATIONAL RECREATION & PAR	03/05/21	CPRP Matthew Smith 030521DA	210-45220.500 TRAINING, CONF, DUES	265.00	33252	03/19/21
24960	NORTHEAST DELTA DENTAL	03/16/21	Dental Prem Apr 21 Vill 040121V	210-41320.210 HEALTH INS & OTHER BENEFIT	241.85	33258	03/19/21
24960	NORTHEAST DELTA DENTAL	03/16/21	Dental Prem Apr 21 Vill 040121V	210-41510.210 Group Insurance	70.86	33258	03/19/21
24960	NORTHEAST DELTA DENTAL	03/16/21	Dental Prem Apr 21 Vill 040121V	210-43110.210 HEALTH INS & OTHER BENEFIT	358.28	33258	03/19/21
24960	NORTHEAST DELTA DENTAL	03/16/21	Dental Prem Apr 21 Vill 040121V	210-43151.210 HEALTH INS & OTHER BENEFIT	52.03	33258	03/19/21
24960	NORTHEAST DELTA DENTAL	03/16/21	Dental Prem Apr 21 Vill 040121V	210-45551.210 HEALTH INS & OTHER BENEFIT	512.94	33258	03/19/21
24960	NORTHEAST DELTA DENTAL	03/16/21	Dental Prem Apr 21 Vill 040121V	210-41970.210 HEALTH INS & OTHER BENEFIT	74.38	33258	03/19/21
24960	NORTHEAST DELTA DENTAL	03/16/21	Dental Prem Apr 21 Vill 040121V	210-45110.210 HEALTH INS & OTHER BENEFIT	535.16	33258	03/19/21
24960	NORTHEAST DELTA DENTAL	03/16/21	Dental Prem Apr 21 Vill 040121V	210-45220.210 HEALTH INS & OTHER BENEFIT	108.05	33258	03/19/21
02050	RON BUSHEY'S SUNOCO	03/10/21	truck 4 oil pan and antif 19 031021 D	210-43110.432 R&M Services - Vehicles	568.75	33262	03/19/21
09105	SECURE SHRED	02/23/21	Shred Service February 356469	210-45110.330 OTHER PROFESSIONAL SVCS	22.00	33266	03/19/21
42565	SEVEN DAYS	02/03/21	Playground RFP Ad 209252	210-45110.550 PRINTING & ADVERTISING	54.60	33267	03/19/21

Vendor	Invoice Description	Invoice Date	Invoice Number	Account	Amount Paid	Check Number	Check Date
42565	SEVEN DAYS	02/10/21	RFP Legal Ad 209422	210-45110.550 PRINTING & ADVERTISING	54.60	33267	03/19/21
11935	VIKING-CIVES USA	03/12/21	repair plow truck 6 4505347	210-43110.432 R&M Services - Vehicles	724.80	33275	03/19/21
23395	VILLAGE HARDWARE - WILLIS	03/08/21	Squeegee 200247	210-43110.610 SUPPLIES	31.34	33276	03/19/21
07565	W B MASON CO INC	02/09/21	Office Supplies 217795160	210-45110.610 SUPPLIES	55.03	33280	03/19/21
07565	W B MASON CO INC	02/23/21	Office/PS Supplies 218126581	210-45110.610 SUPPLIES	49.80	33280	03/19/21
07565	W B MASON CO INC	02/25/21	Water Coolers 218221295	210-45110.610 SUPPLIES	29.97	33280	03/19/21
07565	W B MASON CO INC	03/03/21	Office Supplies 218376672	210-45110.610 SUPPLIES	244.95	33280	03/19/21
07565	W B MASON CO INC	03/09/21	Office Supplies 218523004	210-45110.610 SUPPLIES	1.98	33280	03/19/21
07565	W B MASON CO INC	03/10/21	Supplies 218545448	210-45551.610 SUPPLIES	85.97	33280	03/19/21
07565	W B MASON CO INC	03/11/21	Supplies 218580911	210-45551.610 SUPPLIES	109.38	33280	03/19/21
23000	WHITCOMB	02/26/21	SHUR PAC 00713564	210-43120.610 Summer Const - Supplies	1886.09	33281	03/19/21
37985	A T & T MOBILITY	02/23/21	EJRP Cell Phones February 8727992221	226-45120.535 Telephone	277.85	33172	03/19/21
37985	A T & T MOBILITY	02/27/21	RecKids Cell Phones Febru 8730181221	226-45120.535 Telephone	1598.37	33173	03/19/21
19815	AMAZON CAPITAL SERVICES	03/14/21	RK EES Supplies 1377LTQFVQQW	226-45120.610 SUPPLIES	84.96	33177	03/19/21
19815	AMAZON CAPITAL SERVICES	03/14/21	AEP Supplies 1377LTQFWYJ4	226-45120.610 SUPPLIES	21.98	33177	03/19/21
19815	AMAZON CAPITAL SERVICES	03/13/21	RK EES Supplies 14D1L3GT3LCK	226-45120.610 SUPPLIES	44.92	33177	03/19/21
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19815	AMAZON CAPITAL SERVICES	03/06/21	AEP Supplies 1NGGVNWDKX7L	226-45120.610 SUPPLIES	71.15	33177	03/19/21
42665	AMAZON/SYNCB	02/10/21	EJRP Amazon Jan. 0432266 022	226-45120.610 SUPPLIES	557.88	33179	03/19/21
20680	EPIC DRIVING LLC	03/13/21	Epic Driving Program 55	226-45115.330 OTHER PROFESSIONAL SVCS	13050.00	33210	03/19/21
21760	FIRST NATIONAL BANK OMAHA	02/24/21	EPR Credit Card February 0492 0221	226-45120.610 SUPPLIES	15.16	33217	03/19/21
14025	LINCOLN NATIONAL LIFE INS	03/11/21	Life Prem Apr 21 Vill 040121V	226-45120.210 HEALTH INS & OTHER BENEFIT	399.92	33244	03/19/21
14025	LINCOLN NATIONAL LIFE INS	03/11/21	Life Prem Apr 21 Vill 040121V	226-45121.210 HEALTH INS & OTHER BENEFIT	157.27	33244	03/19/21
27395	MVP HEALTH CARE INC 43118	03/08/21	Health Prem Vill Apr 21 040121V	226-45120.210 HEALTH INS & OTHER BENEFIT	4730.46	33250	03/19/21
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24960	03/16/21	NORTHEAST DELTA DENTAL Dental Prem Apr 21 Vill 040121V	226-45120.210 HEALTH INS & OTHER BENEFIT	371.90	33258	03/19/21
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24830	03/09/21	REINHART FOODSERVICE RK Hiawatha Snack 445487	226-45120.610 SUPPLIES	111.77	33261	03/19/21
24830	03/09/21	REINHART FOODSERVICE RK Summit Snack 446001	226-45120.610 SUPPLIES	52.33	33261	03/19/21
24830	03/11/21	REINHART FOODSERVICE RK Fleming Snack 446778	226-45120.610 SUPPLIES	130.21	33261	03/19/21
24830	03/11/21	REINHART FOODSERVICE Enrichment Snack 447429	226-45120.610 SUPPLIES	226.47	33261	03/19/21
24830	03/15/21	REINHART FOODSERVICE Wed SLS VC Snack 449168	226-45120.610 SUPPLIES	18.99	33261	03/19/21
24830	03/15/21	REINHART FOODSERVICE RK FMS Snack 449169	226-45120.610 SUPPLIES	112.72	33261	03/19/21
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24830	03/15/21	REINHART FOODSERVICE RK Westford Snack 449336	226-45120.610 SUPPLIES	11.99	33261	03/19/21
24830	03/16/21	REINHART FOODSERVICE RK Hiawatha Snack 449957	226-45120.610 SUPPLIES	33.75	33261	03/19/21
24830	03/16/21	REINHART FOODSERVICE RK Fleming Snack 450423	226-45120.610 SUPPLIES	18.99	33261	03/19/21
07565	02/23/21	W B MASON CO INC Office/PS Supplies 218126581	226-45121.610 SUPPLIES	24.37	33280	03/19/21
V9632	03/10/21	HOYLE, TANNER & ASSOC, IN Densmore Drive #2 (Upstre 0064391	230-46801.023 Densmore Drive, non-FEMA	1586.50	33234	03/19/21
27065	03/16/21	LANGROCK SPERRY & WOOL LL Kalanges Agreement Kalanges	230-46801.008 CRESCENT CONNECTOR	109685.00	33242	03/19/21
12235	03/18/21	NEW ENGLAND CENTRAL RAILR Crescent Connector 17NECR06R-21	230-46801.008 CRESCENT CONNECTOR	3501.75	33253	03/19/21
05590	03/11/21	STONE ENVIRONMENTAL INC Phosphorus Control Plan, 14094	230-46801.725 CA0530 Phosphorus Control	8400.05	33269	03/19/21
19430	01/27/21	ELEGANT FLOORS LLC MSP Lobby Floors CG100022	233-46801.010 BUILDING & FACILITIES	4721.10	33208	03/19/21
21760	02/24/21	FIRST NATIONAL BANK OMAHA EPR Credit Card February 0492 0221	233-46801.010 BUILDING & FACILITIES	1495.00	33217	03/19/21
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V10568	02/26/21	KAMCO SUPPLY CORP MSP Vestibule Work SI275950	233-46801.010 BUILDING & FACILITIES	2500.00	33239	03/19/21
01590	03/16/21	PETTINELLI & ASSOC INC MSP Playground 1st Pymt 1001	233-46801.009 PARK AMENITIES	124786.00	33260	03/19/21
18000	03/17/21	FERGUSON WATERWORKS #590 rap a round band for wate 1010116	254-43200.430 WATER LINES MAINT-BREAKS	200.43	33214	03/19/21
07010	03/12/21	GREEN MOUNTAIN POWER CORP GMP Non Solar multi Accts 0206201 0312	254-43200.622 ELECTRICAL SERVICE	88.75	33227	03/19/21

Vendor	Invoice Description	Invoice Date	Invoice Number	Account	Amount Paid	Check Number	Check Date
14025	LINCOLN NATIONAL LIFE INS	03/11/21	Life Prem Apr 21 Vill 040121V	254-43200.210 HEALTH INS & OTHER BENEFIT	100.93	33244	03/19/21
03070	MINUTEMAN PRESS	03/17/21	UB bills postage Village 031721 D	254-43200.536 POSTAGE	449.79	33249	03/19/21
27395	MVP HEALTH CARE INC 43118	03/08/21	Health Prem Vill Apr 21 040121V	254-43200.210 HEALTH INS & OTHER BENEFIT	4692.66	33250	03/19/21
24960	NORTHEAST DELTA DENTAL	03/16/21	Dental Prem Apr 21 Vill 040121V	254-43200.210 HEALTH INS & OTHER BENEFIT	261.89	33258	03/19/21
V2227	TI-SALES, INC.	03/12/21	meter replacement INV0128008	254-43330.002 METER REPLACEMENT PROGRAM	70.90	33273	03/19/21
V2227	TI-SALES, INC.	03/15/21	meter replacement INV0128050	254-43330.002 METER REPLACEMENT PROGRAM	145.19	33273	03/19/21
23455	CHITTENDEN SOLID WASTE DI	03/08/21	116.08 WT biosolids 20211ESS	255-43200.568 SLUDGE MANAGEMENT	10198.79	33196	03/19/21
33075	DELL MARKETING LP	12/17/20	laptops with Num Pad 10450047011	255-43200.610 SUPPLIES	3679.26	33203	03/19/21
40025	E J PRESCOTT INC	03/10/21	Scum line repair and stoc 5832129	255-43200.570 MAINTENANCE OTHER	698.26	33206	03/19/21
06870	ENDYNE INC	03/15/21	Inf Metals Screen 364766	255-43200.577 CONTRACT LABORATORY SERVI	85.00	33209	03/19/21
38955	F W WEBB COMPANY	03/08/21	split rings 70734697	255-43200.570 MAINTENANCE OTHER	4.08	33212	03/19/21
21740	FIRST NATIONAL BANK OMAHA	03/12/21	CC Charges 0124 0321	255-43200.500 TRAINING, CONFERENCES, DU	694.00	33215	03/19/21
21740	FIRST NATIONAL BANK OMAHA	03/12/21	CC Charges 0124 0321	255-43200.610 SUPPLIES	29.77	33215	03/19/21
21740	FIRST NATIONAL BANK OMAHA	03/12/21	CC Charges 0124 0321	255-43330.014 VPIC Phase II Pilot Scale	2690.13	33215	03/19/21
27415	KUBOTA MEMBRANE USA CORP	03/03/21	parts KMU21014R	255-43330.017 Vt Phos Challenge PePhlo	5558.00	33241	03/19/21
14025	LINCOLN NATIONAL LIFE INS	03/11/21	Life Prem Apr 21 Vill 040121V	255-43200.210 HEALTH INS & OTHER BENEFIT	209.19	33244	03/19/21
27395	MVP HEALTH CARE INC 43118	03/08/21	Health Prem Vill Apr 21 040121V	255-43200.210 HEALTH INS & OTHER BENEFIT	7848.23	33250	03/19/21
23945	NEW PIG CORPORATION	03/10/21	oil pig supplies, stock 2327156400	255-43200.570 MAINTENANCE OTHER	527.41	33255	03/19/21
V6590	NORTHEAST AIR SOLUTIONS	03/08/21	Pleated filters S10015746400	255-43200.570 MAINTENANCE OTHER	140.40	33256	03/19/21
24960	NORTHEAST DELTA DENTAL	03/16/21	Dental Prem Apr 21 Vill 040121V	255-43200.210 HEALTH INS & OTHER BENEFIT	454.16	33258	03/19/21
22040	VT DEPT OF MOTOR VEHICLES	11/16/20	Registration 3046325	255-43200.432 VEHICLE MAINTENANCE	53.00	33277	03/19/21
14685	ALLIANCE MECHANICAL INC	02/28/21	Burner fail service 047508	256-43200.434 PUMP STATION MAINTENANCE	1011.78	33176	03/19/21
07010	GREEN MOUNTAIN POWER CORP	03/12/21	GMP Non Solar multi Accts 0206201 0312	256-43200.622 ELECTRICAL SERVICE	554.51	33227	03/19/21
07010	GREEN MOUNTAIN POWER CORP	03/09/21	Solar Accounts 02/05 to 0 030921DA	256-43200.622 ELECTRICAL SERVICE	651.85	33230	03/19/21
07010	GREEN MOUNTAIN POWER CORP	03/09/21	Solar Accounts 02/05 to 0 030921DA	256-43220.001 SUSIE WILSON PS COSTS	382.47	33230	03/19/21

Vendor	Invoice Description	Invoice Date	Invoice Number	Account	Amount Paid	Check Number	Check Date
07010	GREEN MOUNTAIN POWER CORP	03/09/21	Solar Accounts 02/05 to 0 030921DA	256-43220.002 WEST ST PS COSTS	586.21	33230	03/19/21
14025	LINCOLN NATIONAL LIFE INS	03/11/21	Life Prem Apr 21 Vill 040121V	256-43200.210 HEALTH INS & OTHER BENEFI	95.15	33244	03/19/21
34995	MCMASTER CARR SUPPLY CO	01/22/21	impeller tools 52025002	256-43200.434 PUMP STATION MAINTENANCE	192.40	33247	03/19/21
03070	MINUTEMAN PRESS	03/17/21	UB bills postage Village 031721 D	256-43200.536 POSTAGE	899.62	33249	03/19/21
27395	MVP HEALTH CARE INC 43118	03/08/21	Health Prem Vill Apr 21 040121V	256-43200.210 HEALTH INS & OTHER BENEFI	3353.32	33250	03/19/21
24960	NORTHEAST DELTA DENTAL	03/16/21	Dental Prem Apr 21 Vill 040121V	256-43200.210 HEALTH INS & OTHER BENEFI	175.91	33258	03/19/21
V2227	TI-SALES, INC.	03/12/21	meter replacement INV0128008	256-43330.002 METER REPLACEMENT PROGRAM	141.79	33273	03/19/21
V2227	TI-SALES, INC.	03/15/21	meter replacement INV0128050	256-43330.002 METER REPLACEMENT PROGRAM	290.39	33273	03/19/21
Report Total					413901.30		

...

Memorandum

To: Village Trustees; Evan Teich, Unified Manager
CC: Terry Hass; Robin Pierce
From: Marguerite Ladd, Assistant Manager
Re: Discussion regulating collection of refuse – potential of updating Village Noise Ordinance
Date: March 18th, 2021

Issue

The issue is noise during early morning hours due to haulers collection of refuse and whether the Village Trustees should update the Noise Ordinance.

Discussion

We are in the process of conducting more research on this topic. This includes reaching out to the Police Department for their input. Reaching out to the haulers and the local businesses/residents in the area to understand their viewpoints. We will take into consideration any Essex Town policies around this topic as well. We will than compile and organizing the data we have collected, including the data already collected from neighboring municipalities regarding their noise/nuisance ordinances and pass it along to the Trustees for review and consideration.

Cost

None.

Recommendation

This is for informational purposes only.



MEMORANDUM

TO: The Essex Junction Trustees via Evan Teich, Unified Municipal Manager
FROM: James Jutras, Water Quality Superintendent
cc: Gregory Duggan, Deputy Manager
DATE: March 15, 2021
SUBJECT: PePhlo Stage 3 Final Report, Vermont Phosphorus Innovation Challenge Grant.

Discussion: Attached, please find the final report for the PePhlo Phosphorus removal system being developed for the wastewater treatment facility. This applied research project is funded with grant assistance through the Vermont Phosphorus Innovation Challenge. The grant match is through the Village wastewater facility capital fund. The Stage 3 final report is an interim status update, submitted in compliance with the grant conditions.

Work continues on this project. Upon favorable receipt and review of this report, there is the potential for one more grant through the Vermont Agency of Agriculture, Food and Markets. The future grant would be for completion of the filter scale up and automation and mobile facility equipment. The Grantee will continue to be UVM as they hold the intellectual rights and patents on the proprietary filter portion of the project. Any future grants will be forwarded to the Trustees for review in accord with our policies.

Costs: \$50,000 of wastewater facility capital money was committed to this as a project match. The funds were used to purchase equipment, testing, and tanks necessary for operation of the system.

Recommendation: No action required

Vermont Phosphorus Innovation Challenge Stage 3 Final Report

Pe⁻Phlo

March 8, 2021

Pe⁻Phlo VPIC Project Partners:

UVM Department of Civil & Environmental Engineering
Village of Essex Junction

Efficiency Vermont
Chittenden Solid Waste District
James W. Morris & Associates, Inc.



Research Team: Kamruzzaman Khan, James Jutras, Appala Raju Badireddy, Bernard Fleury

Background

The Vermont Phosphorus Innovation Challenge (VPIC) created local opportunities for development of market-based solutions to complex phosphorus control issues in the Lake Champlain basin and in Vermont. This Vermont Department of Agriculture, Food and Market program is commended for its unique and innovative, free enterprise approach to investing in phosphorus (P) removal solutions. The University of Vermont and Essex Junction are proud to be an ongoing program participant. We strive to utilize the grant funds available in a conservative and economical manner while developing our process.

Struvite [Magnesium Ammonium Phosphate (MAP)] has long been a problem in a wastewater processes., when the correct amount of magnesium is present in the waste stream, struvite can be generated and adhere to the most inappropriate places in the process. This chemical action creates unintended maintenance challenges and failures in wastewater treatment infrastructure. [Note that MAP constituents are also commonly known in humans as kidney stones].

Unintended struvite generation became an increasing concern in the Essex Junction facility upon completion of wastewater facility process improvement in 2014. The new Essex Junction enhanced phosphorus removal process created more soluble P due to biological P removal enhancements to aid in compliance with Lake Champlain Phosphorus TMDL and related lower P discharge permit limits. The prior plant operation used magnesium chloride for alkalinity addition needed for our nitrification process. Left unchecked in the updated facility, this chemical addition had the strong potential to generate struvite in our process in undesirable ways. Essex Junction switched process alkalinity addition from magnesium chloride to sodium hydroxide to prevent undesirable formation of struvite.

Early evaluation of our modified treatment process led us to find that return waste streams from dewatering and sludge storage tank decanting (solids concentration) could create the potential for phosphorus permit violations. This recycled waste load was considered for controls that would enhance process performance and reduce return process loading, thus expanding the ability to treat more waste within permit limitations. Control of these side stream wastes would also aid to defer future capital needs for permit compliance under Phosphorus Optimization Planning (POP) permit requirements.

In the recent past, struvite generation in the water quality industry has gained traction as a controlled process to remove soluble P from waste streams without causing the unintended process conditions with struvite formation in the process piping. While seeking process methods to address our recycle side stream treatment concern, we found that the Essex Junction wastewater facility, at the time, was too small to be eligible for proprietary side stream treatment processes application.

In collaboration with colleagues, we determined there was merit in application of descaling technology for our dewatering operation optimization with a potential application for side stream phosphorus treatment. The discussion then expanded to include descaling technology as part of side stream treatment for crystalline struvite generation in a new way. Then came the opportunity with the Vermont Phosphorus Innovation Challenge.

The Vermont Phosphorus Innovation Challenge

The VPIC partnership joined Essex Jct., The University of Vermont, Efficiency VT, the Chittenden Solid Waste District, and others to collaborate and form a consortium to develop a process we now call **Pe⁻Phlo**. This proprietary, patent pending process captures soluble P by means of electric charge manipulation (e⁻) (also known as free energy manipulation of nucleation and crystal growth) through incorporation of the proprietary signal device, HydroFLOW. The charge manipulation principle was employed to form and keep crystalline struvite solids suspended in solution during the **Pe⁻Phlo** treatment. The suspended solids are then filtered through submicron filtration with an oscillating current applied to prevent clogging and to provide increased filter throughput (flux) of permeate filtered through the custom application. In summary, our **Pe⁻Phlo** device is a platform technology that provides simultaneous recovery of nutrients (P and N) and water from wastewater (water reuse) in a cost-effective, low energy, and sustainable manner.

Phase I: Bench Scale. The Phase I of the project was strictly laboratory scale. Figures 1A and 1B below show the final bench scale model of the **Pe⁻Phlo** product. The results of the enhanced filtration through a 0.2-micron membrane are clear. Significant material was captured by the filter, while recovering reusable water from **Pe⁻Phlo** treated waste side stream, without clogging for extended duration. The filtered material consistently achieved 85% reduction in soluble phosphorus through chemical processing and 165% total solids in laboratory pilot testing with the membrane filter. In addition to P reduction, we also achieved equivalent amount of ammonia (N) reductions via struvite formation, further reducing the pollutant (nutrient) concentration of the waste side stream.

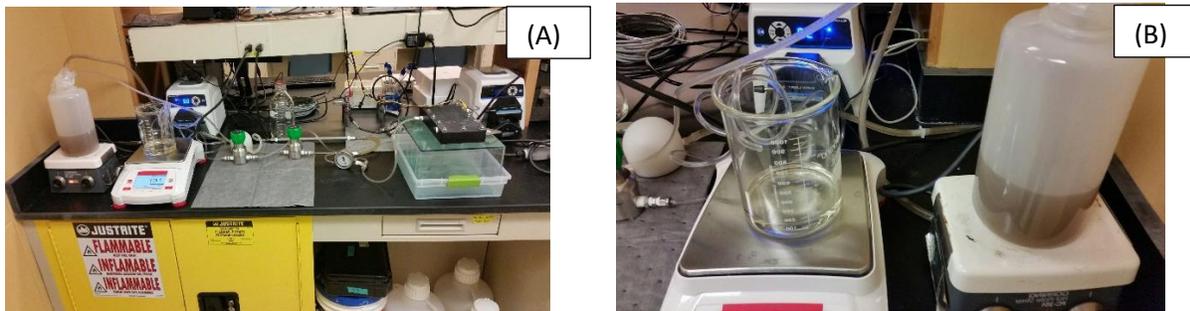


Figure 1. Laboratory scale **Pe⁻Phlo** device (A). Products of **Pe⁻Phlo** treatment include recovered reusable water (in the beaker) with the feed stock in the plastic bottle (B).

Phase II: Pilot. With consistent performance of the bench scale work, the project team, UVM staff and students coordinated participation in the Civil and Environmental Engineering Senior Capstone design project to scale up this application for the next pilot phase. The capstone project team included two students who had been previously employed as summer interns by the wastewater facility and a third student from Vermont. This unique collaboration grounded some of the discussion and concepts, bringing a new perspective to the application with basic science and process knowledge combined for a simplified approach to a complex problem. The collaboration resulted in producing a prototype scale up that is currently used for batch testing at the Essex Junction Wastewater Facility.

The first pilot scale-up used intermediate bulk containers (IBC) (Figure 2) with mixing by a recirculatory pump. An application spreadsheet calculator was created and enhanced as part of this early process. Raw waste side stream chemical parameters are inputted to calculate the magnesium chloride dose and other process parameters. The feed stock, comprised of a centrifuge centrate with highly variable solids content, was treated with and without (control) **Pe⁻Phlo** conditions. The pilot run results were chemically inconsistent due to excessive and varying solids concentration in the feed stock. Furthermore, analytical testing was delayed due to Covid-19 lab scheduling issues.

Although analytical results were inconsistent and difficult to interpret, both phosphorus and ammonia were consistently reduced and struvite was formed. During this evaluation phase, process control parameters such as pH, conductivity, ammonia, total P, soluble P, turbidity, conductivity, magnesium, and more were monitored and analyzed. This work determined necessary process control parameters for monitoring and determination of instrumentation needed for automation stage. At this stage Capstone team came on board to launch process optimization work.

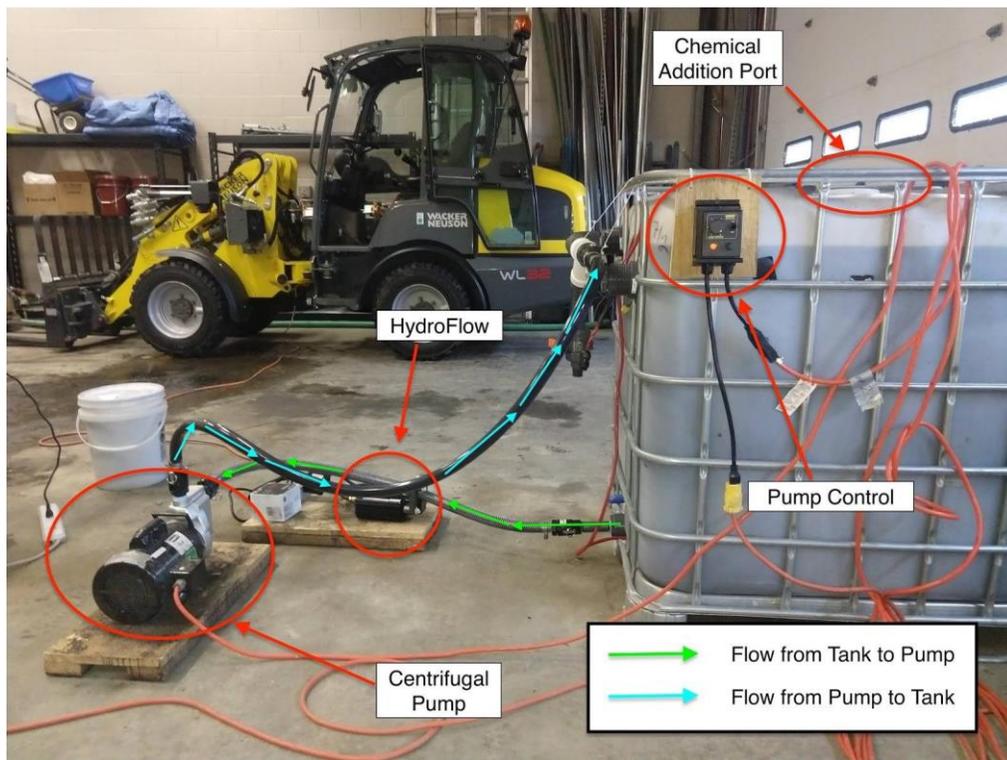


Figure 2. IBC pilot. UVM Capstone **Pe⁻Phlo** project. The student team used this reactor tank optimize process parameters including water chemistry and hydraulic characteristics.

Specifically, the Capstone team contributed to the determination of key process parameters including chemical saturation ratios, chemical feed points and consideration for chemical reaction time (crystal formation or nucleation times). This work also helped us to realize the need for variable mixing zones within the reaction vessel to enhance crystal formation. The observed settling patterns of struvite in specific sections of the IBC container, away from the mix zone, helped us to determine optimal reactor configuration that allows collection and further handling of struvite. The optimal reactor tank design concept included provision for a vertical draft tube mix with a zone of influence in the upper portion of the tank (Figure 3). This configuration provided suitable mixing conditions for rapid mixing followed by lower mix feeds for struvite crystal development while creating a settling zone for controlled isolation of struvite crystals that had formed (nucleated) and grown within the same tank. Some crystals had grown to a size (figure 5, greater than 50 μm) where their mass would allow for gravitational settling from the ongoing mix within the tank. Based on these results, we confirmed the initial theory that it is possible to classify struvite crystalline materials by size (or mass) in a dynamic process situation. This size-based characterization could aid in the development of a short cycle batch operation (Figure 3) or provide guidance for a continuous flow through **Pe⁻Phlo** system (Figure 4). Analysis of crystal morphology, total solids, and turbidity was instrumental in determining some physical parameters for the reactor vessels automation application in the updated pilot unit (Figure 3).

Upon completion of the Capstone work and with receipt of preliminary analytical results, wastewater staff at the Essex facility began to construct the second pilot unit (Figure 3) for more refined testing of the process. Modifications to the initial design included but were not limited to:

- Addition of a bulk storage tank with coarse filtration and recirculatory mixing to provide a consistent feed stock for processing control and experimental tests.
- Draft tube, up-flow mixers with speed control.
- Conical tank to provide a settling area out of the mixing zone of influence.
- Chemical feed points in preparation for continuous processing.



Figure 3. Phase II Updated short cycle **Batch Pe⁻Phlo** Reactor assembly with updraft mixers

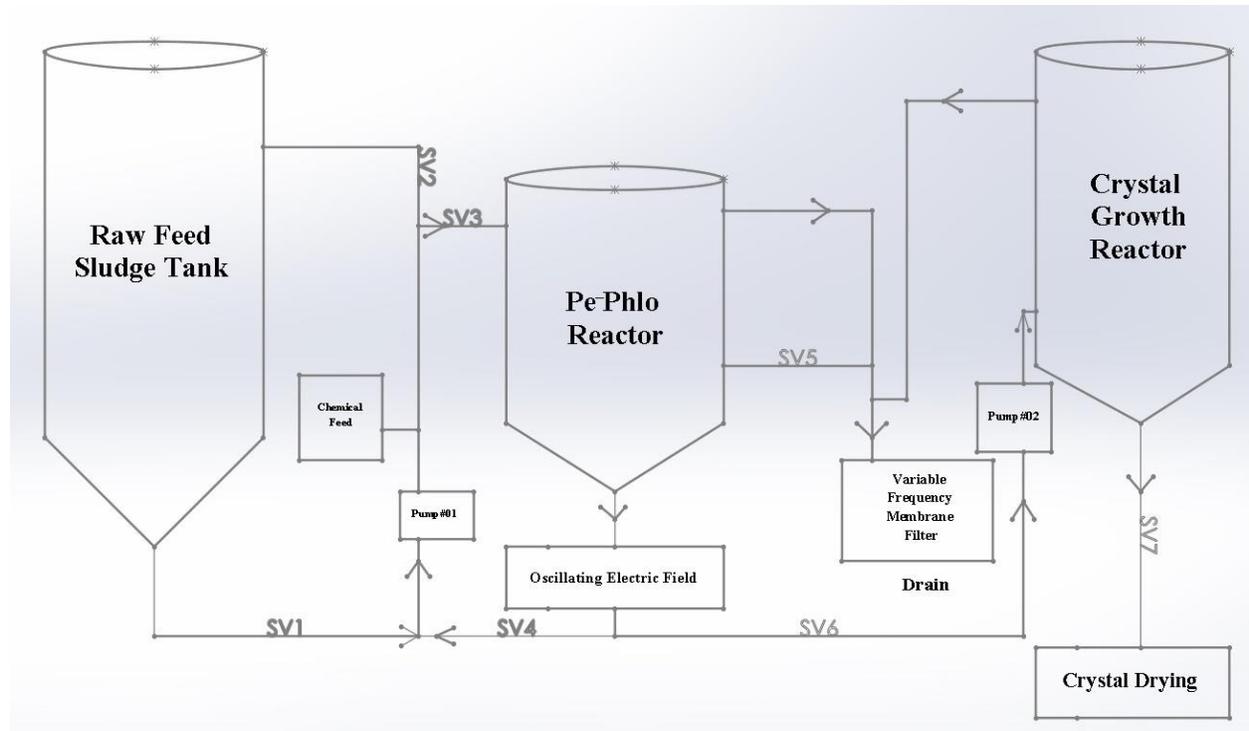


Figure 4. Phase II Updated Continuous Flow Pe^- Phlo reactor design.

Summary of Results

An initial batch of anaerobically digested centrifuge centrate (feed stock) was rough filtered and prepared for three (3) successive control and HydroFLOW (experiment) process runs. Initial feed stock (control) analytical results are presented graphically in the Appendix A2. The spreadsheet chemical dose calculator was employed to consistently provide the necessary magnesium chloride for consistent formation of struvite. Calculations were based on saturated chemical stoichiometry for crystal formation based on the feed stock with magnesium chloride added to a slightly more than saturated solution concentration.

Testing of the final liquid fraction after the HydroFLOW treatment was performed by an independent laboratory with results presented in the Appendix (Table A2). The HydroFLOW-treated batch use the same magnesium chloride solution as the control during a pre-determined testing period and beyond.

Remarks: In the optimized short cycle batch reactor, application of HydroFLOW catalyzed the rate of precipitation of struvite (MAP), where precipitates formed within 5 min since electric signal activation. On the contrary, in the control samples the precipitation rate was lower and it took nearly 60 min to attain 85% P removal. Suspended solids significantly increased, crystal was purer, larger, heavier, and loosely attached to tank surface, which allowed easy collection and recovery. The dynamics of this reaction and the duration needed will be further evaluated in future pilot runs that will include filtration.

Mass of Struvite produced from side stream sample wastewater.

On average **140 gallons** of feed stock was treated during each of three separate runs under optimized conditions. The HydroFLOW-treated sample (experiment sample) **produced on average of 380 g** while the control sample produced **290 g struvite**. Compared to control samples, larger size and better-quality struvite crystals were formed in HydroFLOW-treated samples as confirmed by field emission scanning electron microscopy (FESEM: Figure 5) and X-ray diffraction spectroscopy (XRD: Figure 6). The HydroFLOW-treated samples **contained 30% (87 g) more solids** than the control samples. A detailed examination of struvite crystals also revealed that HydroFLOW treatment has potential to produce significantly higher quality struvite with improved purity and handling characteristics described in the next section of this report.

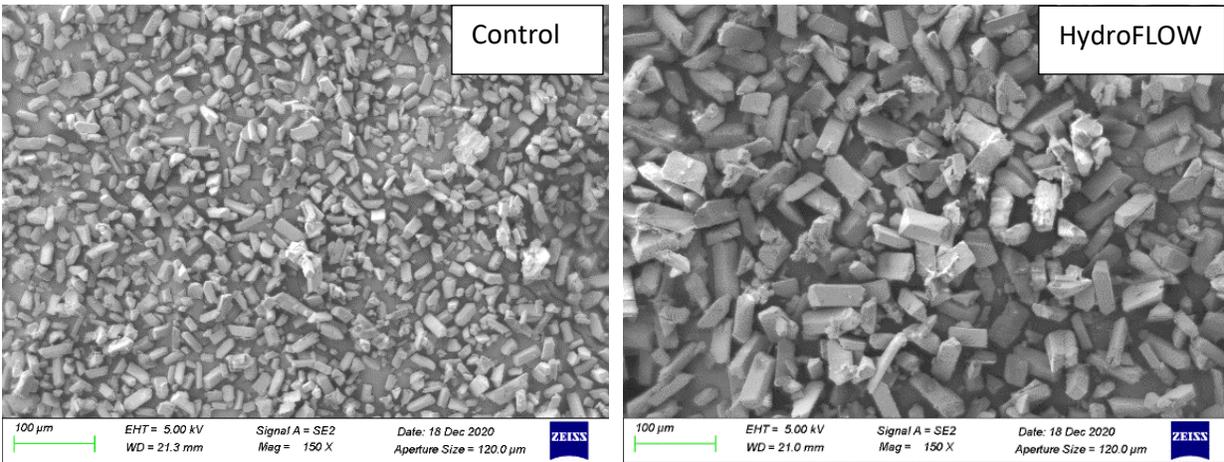


Figure 5. FESEM images struvite crystals in Control and HydroFLOW-treated samples. In HydroFLOW-treated samples the crystals are five-fold larger in size, better quality, and greater amount than the Control samples.

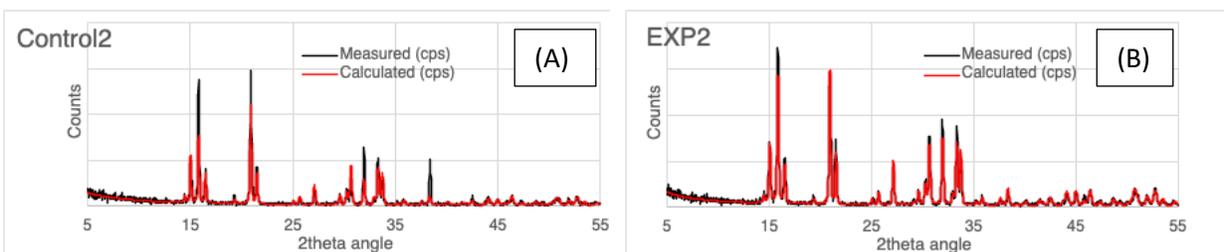


Figure 6. XRD spectra of struvite crystals in Control (A) and HydroFLOW-treated samples (B). XRD analysis confirmed that struvite crystals were of much more crystalline and better quality than the control samples.

Remarks: At this time, in the VPIC timeline, we were not able to add the oscillating electric fields-based filtration component of the **Pe⁻Phlo** process prior to the end of the VPIC grant reporting period. The Covid-19 pandemic created many delays for us in facility access, laboratory processing, laboratory access, equipment procurement and many other things. However, we are currently at stage of retrofitting our pilot scale set-up with the modified membrane filtration device to implement oscillating electric fields driven filtration. We anticipate that the presence of these electric fields will not only enhance total solids recovery (struvite and others) without clogging the filter but also recover water from treated water via filtration. The result is also a dewatering strategy that has a strong potential to produce highly concentrated suspensions of struvite. We feel fortunate to have the success experienced with the challenges that of Covid-19.

BENEFITS OF THE Pe⁻Phlo APPLICATION

Decreased Sludge Production

Enhanced biological P removal can add over 12% (1) increase in sludge production for a facility. Much of this increased sludge contain soluble P that must be recirculated and retreated prior to discharge. In the case of Essex Junction, the difference in sludge generation between the prior facility and the improved facility showed more than 20% increase in sludge production while reducing the coagulant application for P reduction and compliance during the same period. For this analysis, a 15% decrease in sludge production due to the effects **Pe⁻Phlo** application of the will be considered for the Essex Jct application.

Removal of side stream P (and ammonia) effectively reduces the daily facility treatment side stream load by approximately 15%. At current flow conditions, dewatering centrate is recycled to the plant process for treatment at about 15% per day over the course of a week. This side stream load is also the equivalent of 15% of the daily load that comes into the plant. Stated another way, one 100,000 gallons of centrate from a weekly dewatering run is equivalent to the average daily domestic P load received in from our system users. Reduction of this load will increase certainty and reliability of the treatment process while reducing aeration needs. Retreatment of side stream wastes generate sludge There is added benefit in reducing sludge production by means of not re-treating the entire side stream flow and nutrient load.

Current Essex Junction sludge production in Essex Jct is 410 Dry Tons (DT) per year (calendar year 2020 EPA 503 reporting). In calendar year 2020, we dewatered 3,896,400 gallons of digested, Class B biosolids (409 Dry tons equivalent). The balance of our sludge was land applied for final management. Applying the reduction of the **Pe⁻Phlo** process at an 85% reduction of soluble return P, the facility would reduce a net total of 201 wet tons at \$87.86/wet ton for a direct savings of \$17,660 for disposal/management costs only. Using the same consideration for chemical application of sodium hydroxide for nitrification alkalinity control to treat ammonia, and sodium aluminate for effluent P polishing, annual chemical savings are projected to be \$12,000. Preliminary annual direct savings are estimated at \$30,000. There are additional direct and indirect savings for power, process polymer and staff time, deferred capital construction, etc., that are not considered here. There are also operating costs for the **Pe⁻Phlo** system that are not yet quantified or included herein.

Next Steps

Automation and filtration: Our original plan was to construct our own custom membranes for use in the filter application. Currently there are many commercial membranes available for wastewater membrane bioreactor processes (MBR's). We actively pursued membranes from readily available sources that can be modified to add the filtration charge of the **Pe⁻Phlo** system. Unfortunately, our attempts for a market ready approach were met with resistance from nearly all MBR vendors we contacted. The general concern was the uncertainty of this applied research and the potential fouling of their membranes. Two vendors were interested in working with us. One was cost prohibitive and discounted.

We purchased plate membrane filters for the **Pe⁻Phlo** application that are sourced from Japan due to the custom nature of the membrane holder (Figure 7). Membrane holders were received in the first week of March 2021 and are being evaluated for modification to allow application of the oscillating field (Figure 8). Additional membrane stock is available in the US. Graphite (Carbon) electrodes to conduct the Alternating Current (AC) were also purchased with delivery pending.

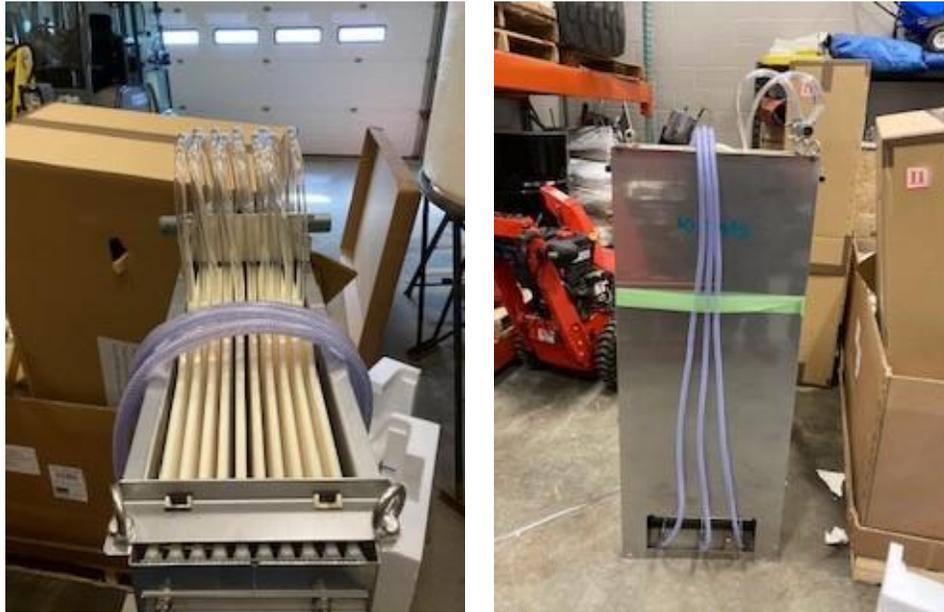


Figure 7. **Pe⁻Phlo** MBR (Membrane BioReactor) membrane to be retrofit with the oscillating AC field.

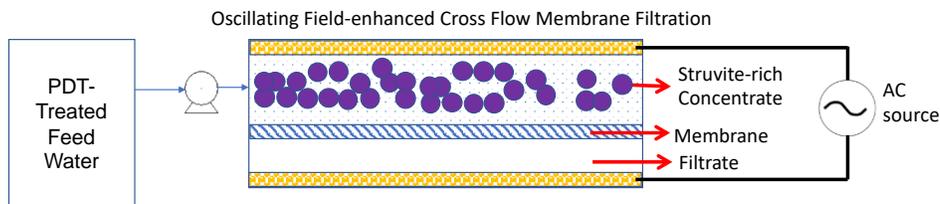


Figure 8 : Oscillating electric field is applied to enhance membrane filtration for dewatering struvite suspensions and water recovery from feed stocks. This technique keeps membrane from clogging during operation.

Work continues the design and control logic needed to automate the waste stream feed and **Pe⁻Phlo** process. We will work towards the use of scaled up pilot system with the enhanced filtration and process automation. Figure 4 shows the basic design schematic which is very flexible when automated. Cycle timers for varied waste streams and reaction time will allow for field adjustment based on the waste stream processed and the desired output (effluent requirements) from the **Pe⁻Phlo** system.

A technical paper with detailed presentation of the process and analytical data is under development by doctoral student Kamruzzaman Khan, James Jutras, and Dr. Raju Badireddy. This paper is being prepared for presentation in a peer reviewed journal and is anticipated to be published in mid-summer 2021. A copy of the published article will be forwarded to the VPIC Project Manager for distribution. An abstract of this work has been submitted to Water Environment Federation (WEF) conference which will occur in October 2021.

Budget and funding needs for a mobile system will be developed upon completion of enhanced filter installation, testing, and data evaluation. The current blend and reactor tank are the proper size to continuously process approximately 20 gpm (gallons per minute). This current configuration appears to be adequate for the full-scale test at the Essex Junction facility. **Pe⁻Phlo** could process all Essex Jct. dewatering side stream for years to come. Additional/larger reactor tanks and additional filters could be added if more treatment or filtration capacity is required. With Essex Junction being one of the largest wastewater facilities in the Vermont, the current **Pe⁻Phlo** configuration is scalable to Vermont and its many smaller wastewater facilities with potentially shorter run times.

Upon completion of the filter installation and test phase, the **Pe⁻Phlo** project team plans to process manure slurry in a similar way to the dewatering side stream. The **Pe⁻Phlo** unit may also have application on food waste, de-packaged food organics and beer manufacturing wastewater. Feed stock variations may require supplemental ammonia addition for processing. With these waste streams, we will be better prepared for automation and the necessary monitoring parameters that this unit may require for handling varying waste streams in a temporary, mobile application.

When process conditions are automated, staff plans to move the **Pe⁻Phlo** unit to our flow equalization building for continuous processing of our dewatering side stream waste. With the current design, the size and configuration will be scrutinized for installation in a mobile unit. Necessary installation and program/automation development costs will be determined and presented to the VPIC Project Manager at that time.

Marketing work was started with the University of Vermont through their UVM Ventures program and their SPARK_VT program. This office assists researchers with early-stage project development and commercial feasibility studies. We also participated in a UVM Grossman School of Business capstone project that identified markets and market opportunities for further consideration as the **Pe⁻Phlo** work continues. This report was previously submitted and is available upon request. At this time, next steps are still to be determined.

Respectfully submitted by the **Pe⁻Phlo** project team.

Bibliography

1) Paul Etienne*, Laval Marie-Line, Spérandio Mathieu, **EXCESS SLUDGE PRODUCTION AND COSTS DUE TO PHOSPHORUS REMOVAL.**

APPENDICES

Appendix Table A1

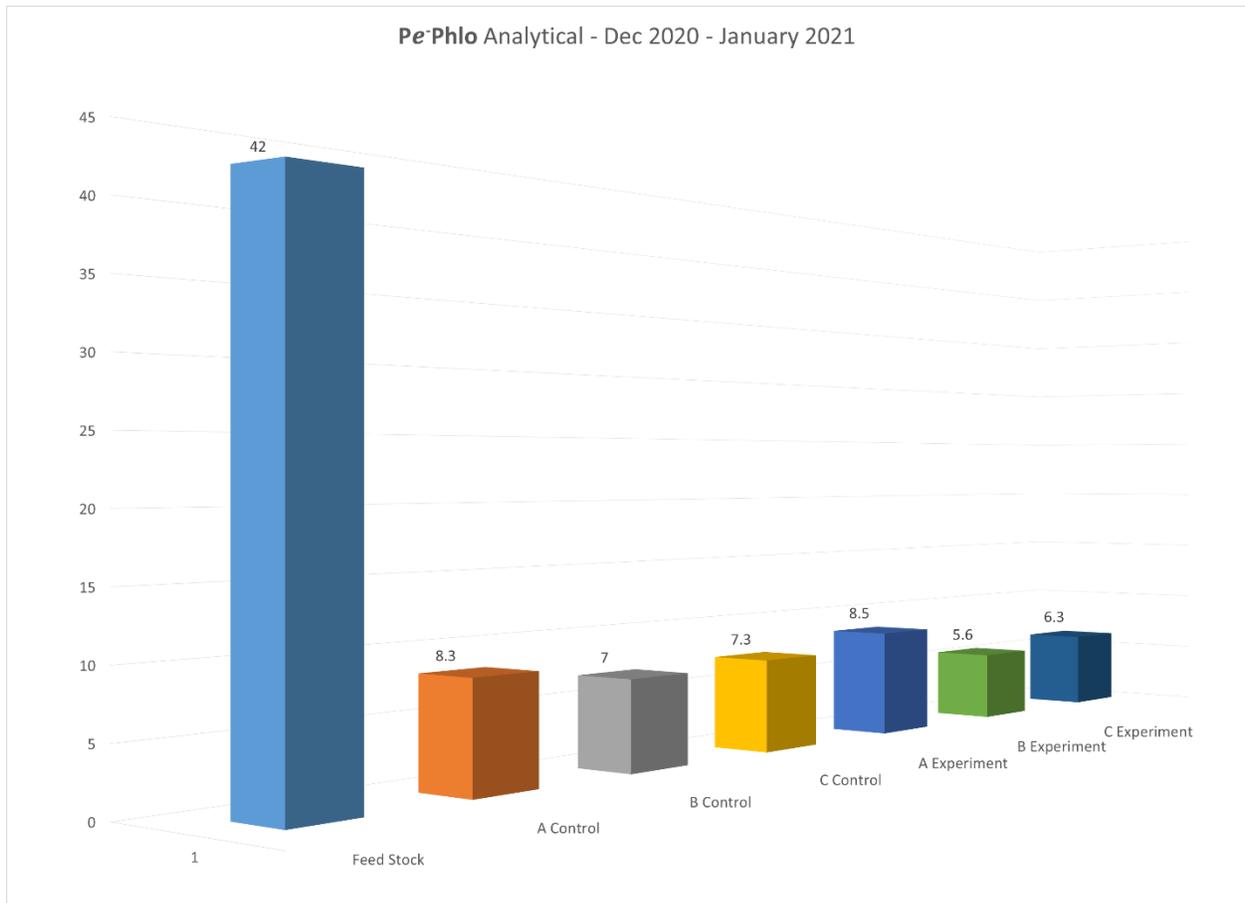
Raw Data

		ammonia	Total Dis P	Total P	TDS	TSS	Mg
12/2/2020	Bulk Batch	510	42	55	1310	58	19
	A						
12/2/2020	Experiment	510	8.5	11	1760	41	120
12/4/2020	A Control	340	8.3	9.4	1260	37	120
	B						
12/7/2020	Experiment	340	5.6	6.5	1180	37	120
12/7/2020	B Control	490	7	8.4	1120	25	110
	C						
12/10/2020	Experiment	460	6.3	8.3	1210	61	110
12/10/2020	C Control	490	7.3	8.5	1230	34	170

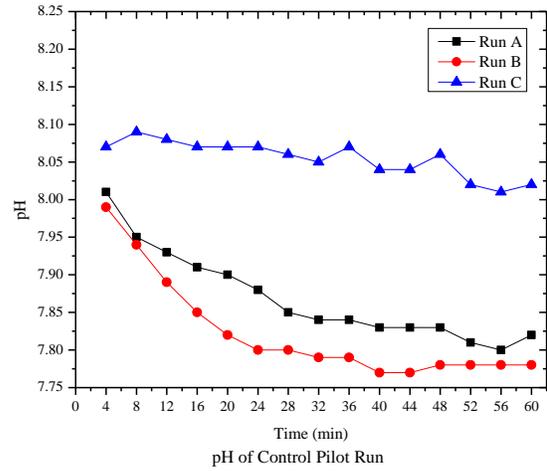
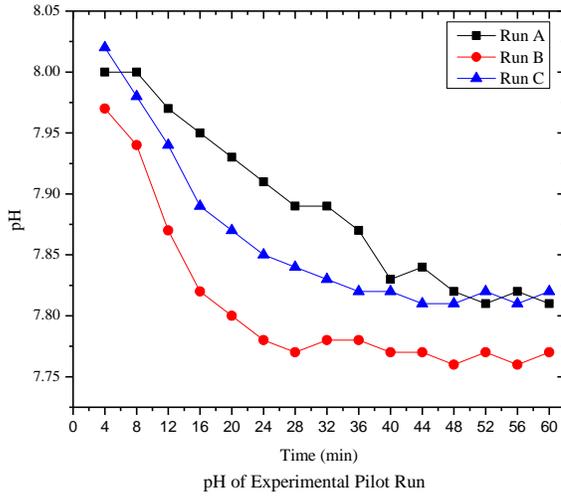
Process Data Grouped

		ammonia	Total Dis P	Total P	TDS	TSS	Mg
	A						
12/2/2020	Experiment	510	8.5	11	1760	41	120
	B						
12/7/2020	Experiment	340	5.6	6.5	1180	37	120
	C						
12/10/2020	Experiment	460	6.3	8.3	1210	61	110
	total	1310	20.4	25.8			
	average	436.7	6.8	8.6			
	avg removal	14.38%	83.81%	84.36%			
		ammonia	Total Dis P	Total P	TDS	TSS	Mg
12/4/2020	A Control	340	8.3	9.4	1260	37	120
12/7/2020	B Control	490	7	8.4	1120	25	110
12/10/2020	C Control	490	7.3	8.5	1230	34	170
	total	1320	22.6	26.3			
	average	440.0	7.53	8.77			
	avg removal	13.73%	82.06%	84.06%			

Appendix A2 Process Performance



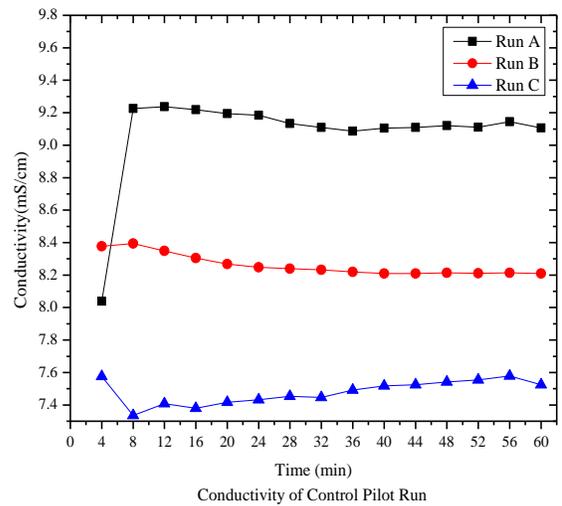
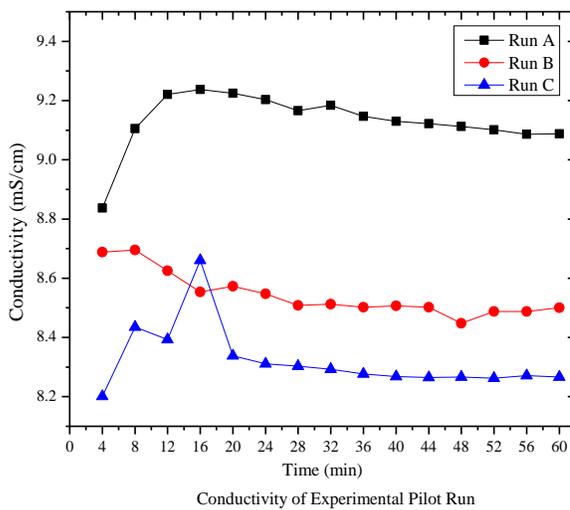
pH Profiles during three separate runs, A, B, and C (Experiment: HydroFLOW and Control (no HydroFLOW)).



pH after 24 hours

Time (hrs)	Exp A	Exp B	Exp C	Con A	Con B	Con C
24 hours	7.9	7.9	7.91	7.94	7.97	8.04

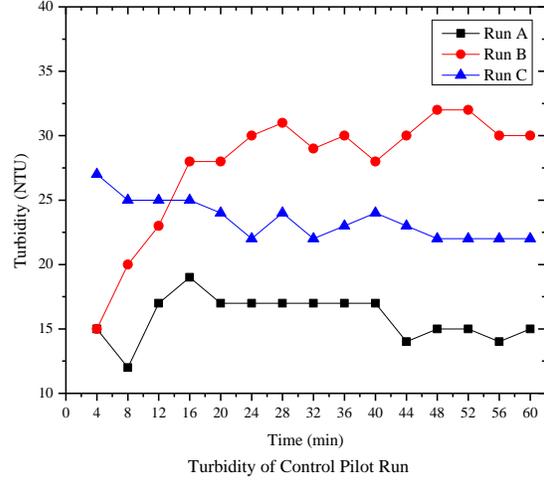
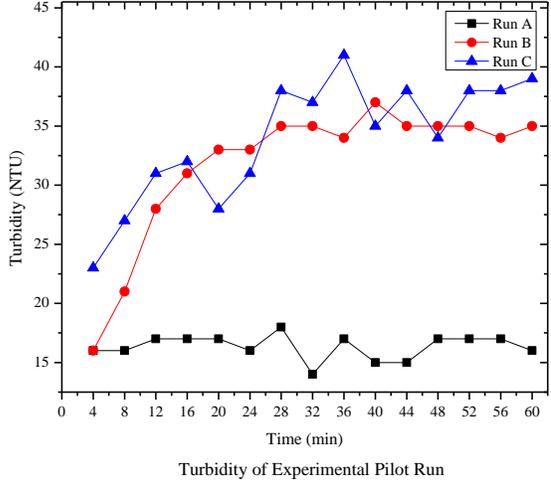
Conductivity Profiles during three separate runs, A, B, and C (Experiment: HydroFLOW and Control (no HydroFLOW)).



Conductivity (mS/cm) after 24 hours

Time (hrs)	Exp A	Exp B	Exp C	Con A	Con B	Con C
24 hours	9.003	8.127	8.254	9.132	8.233	7.534

Turbidity Profiles during three separate runs, A, B, and C (Experiment: HydroFLOW and Control (no HydroFLOW)).



Turbidity (NTU) after 24 hours

Time (hrs)	Exp A	Exp B	Exp C	Con A	Con B	Con C
24 hours	16	18	17	12	11	19



Community Development Department

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MEMORANDUM

TO: Evan Teich, Unified Manager, Trustees
FROM: Robin Pierce, Community Development Director
DATE: March 16th 2021.
SUBJECT: Connector Road Final ROW parcel Agreement

Issue

The issue is whether the Trustees wish to approve an Agreement that secures the last piece of ROW needed to move the Connector Road to Project Bid and Construction.

Discussion

The Connector Road has been on the Village agenda for some twelve years. A Scoping Study showed it would have a greater positive impact on traffic at the Five Corners than the CIRC would have: Twelve percent improvement with the Connector Road, ten percent with the CIRC. The parcel owned by Mr. Kalanges is the last piece of land needed to give us, what VTrans call, ROW Clear. Execution of this Agreement will enable the project to move forward to final bid construction drawings.

Mr. Kalanges, (through his lawyer), VTrans, the Village Engineer and the Project Team have reviewed and approved the proposed Agreement. There are no financial demands made on the Village with this Agreement.

This has been a long term project for the Village and thanks is due, in no small measure to; Rick Hamlin the Village Engineer, Ande DeForge with VTrans, along with Matt Coburn and Charles Ferry, Claudine Safar and Kristine Shamis Village attorneys, Ken Robie and Brian Bresland with Dubois and King, our partners at NECR and G&W who include but are not limited to, Charles Hunter, Todd Dragland, and Chad Boulet, Village Staff, and last, but not least, the Trustees, past and present, who have been behind the Connector Road project from its inception.

Recommendation

Staff recommend that the Trustees approve the attached Agreement with Mr. Kalanges to enable the Connector Road to move forward to bidding and construction.

MEETING SCHEDULES

3/19/2021

DUE TO THE COVID-19 PANDEMIC, ALL MEETINGS ARE HELD ONLINE UNTIL FURTHER NOTICE

TOWN SELECTBOARD MEETINGS 	VILLAGE TRUSTEES MEETINGS 	JOINT MEETINGS  
March 22, 2021—6:30 PM	JT Special	Cathy
March 23, 2021—6:30 PM	VB Regular	Cathy
March 25, 2021 – 6:30 PM	SB Regular	Amy
April 5, 2021—6:30 PM	SB Regular	Cathy
April 7, 2021—7:00 PM	Village Informational Hearing	Cathy