

### TOWN OF NEWMARKET, NEW HAMPSHIRE TOWN COUNCIL AGENDA

## WEDNESDAY, APRIL 18, 2018, 7:00PM NEWMARKET TOWN HALL COUNCIL CHAMBERS

### 1. Pledge of Allegiance

2. Public Forum (Public Forum is an opportunity for the public to address the Town Council. All comments should be addressed to the Chair of the Council. No person will be allowed to speak longer than five (5) minutes.)

### 3. Public Hearings -

- i. <u>Ordinance No. 3-2018/2019</u> Amendments to Chapter 32 Zoning, Section 32-238 Impact Fees of the Municipal Code of the Town of Newmarket and Zoning Ordinance, adopted 2/14/1996, as amended through October 18, 2017.
- ii. <u>Resolution #2017/2018–45</u> Adoption of the Newmarket, NH Multi-Hazard Mitigation Plan Update.

### 4. Town Council to Consider Acceptance of Minutes

- a. March 28, 2018 Regular Meeting Minutes
- b. April 4, 2018 Regular Meeting Minutes
- 5. Report of the Town Administrator
- 6. Committee Reports
- 7. Old Business

### a. Resolutions/Ordinances in the 2<sup>nd</sup> Reading

- i. <u>Ordinance No. 3-2017/2018</u>—Amendments to Chapter 32 Zoning, Section 32-238 Impact Fees of the Municipal Code of the Town of Newmarket and Zoning Ordinance, adopted 2/14/1996, as amended through October 18, 2017.
- *Resolution* #2017/2018-42 Purchase of a Ford Taurus Unmarked Cruiser for the Police Department to include Costs Associated with Replacement of Emergency Lighting, and Equipment Set-up.
- iii. <u>Resolution #2017/2018-43</u> Purchase of a Ford Interceptor SUV for the Police Department to include Costs Associated with **R**eplacement and/or Transferd of Emergency Lighting, and Equipment Set-Up.
- iv. Resolution #2017/2018-44 Purchase of Tucker Property for Conservation Purposes.
- v. <u>Resolution #2017/2018-45</u> Adoption of the Newmarket, NH Multi-Hazard Mitigation Plan Update 2018.

### b. Resolutions/Ordinances in the 3<sup>rd</sup> Reading - None

c. \* Items Laid on the Table – None

#### 8. New Bnsiness/Correspondence

a. Town Council to Consider Nominations, Appointments and Elections –
 i. <u>David Erwin Smith</u> – Cemetery Trustee – Term Expires March 2020

### b. Resolutions/Ordinances in the 1st Reading - None

c. Correspondence to the Town Council

d. Closing Comments by Town Councilors

e. Next Council Meeting – May 2, 2018

#### 9. Adjournment

\*Items will remain on the table unless an unanimous vote of the Council removes said item.

Town of Newmarket, New Hampshire By the Newmarket Town Council Ordinance No. 3-2017/2018

Amendments to Chapter 32 Zoning, Section 32-238 Impact Fees of the Municipal Code of the Town of Newmarket and Zoning Ordinance, adopted 02/14/1996, as amended through October 18, 2017.

The Town of Newmarket ordains that:

WHEREAS, the Town of Newmarket has adopted a Master Plan, a Zoning Ordinance and Capital Improvements Program to guide growth, development, and change in order to provide for the public health, safety and general welfare; and

WHEREAS, in 2001, the Newmarket also instituted a system of assessing impact fees upon development, as set forth in Section 32-238 of the Town's Zoning Ordinance, in order to meet the needs of the Town of Newmarket and Newmarket School District by providing financing for additional public capital facilities necessitated by growth and development for schools, recreation, water, and wastewater systems; and

WHEREAS, under NH RSA 674:21, impacts fees are adopted under the Town's Zoning Ordinance, as an innovative land use control, by the Town Council and are administered by the Planning Board.

WHEREAS, Paragraph F. Waivers of Section 32-238 of the Zoning Ordinance authorizes the Planning Board to waive full or partial impact fees under certain circumstances.

WHEREAS, the proposed amendment recognizes a situation where an Accessory Dwelling Unit, if it involves the conversion of existing living area and does not increase the number of bedrooms, it may not appreciably increase the demand on municipal infrastructure and facilities, and, therefore, provides guidance to the Planning Board, whereby a waiver under those circumstances would be justified; WHEREAS, the Planning Board conducted a work session and a formal public hearing to solicit citizen input on this draft zoning amendment; and voted unanimously on March 20, 2018 to recommend and bring forward these proposed amendments to the Town Council for consideration and adoption.

NOW THEREFORE BE IT RESOLVED that Chapter 32 Zoning, Section 32-238 Impact Fees of the Municipal Code of Newmarket is amended as follows:

### ARTICLE VII. OTHER REQUIREMENTS

#### Amend Section 32-238. Impact Fees.

Add a new item 7, Paragraph F Waivers. to read:

- (7) "The Planning Board may waive impact fees where it finds that a proposed Accessory Dwelling Unit (ADU) will meet both of the following criteria:
  - a. Be created from conversion of existing finished living area; and
  - b. The ADU will not increase the number of existing bedrooms on the property and where it finds that one or more of the existing bedrooms on the property will be dedicated to the ADU use or removed from its existing use or location. For purposes of this section, a proposed studio ADU will account for one bedroom."

This ordinance shall become effective upon its passage.

First Reading

April 4, 2018

Second Reading/Public Hearing

April 18, 2018

Final Action by Council

Approved:

Dale Pike, Chairman Newmarket Town Council

A True Copy Attest.

Terri Littlefield, Town Clerk

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TOWN HALL 186 Main Street Newmarket, NH 03857

Tel: (603) 659-3617 Fax: (603) 659-8508

FOUNDED DECEMBER 15, 1727 CHARTERED JANUARY 1, 1991

# TOWN OFNE WMA RET, NEW HAMP SHRE

# ST AFF REP OR T

<u>DATE</u> Mach 28 218

TITLE: Ordinance No. 3-2018/2019: Amendments to Chapter 32 Zoning of the Newmarket Municipal Code regarding waivers to impact fees for Accessory Dwelling Units.

PREPARED BY: Diane Hardy, Director of Planning and Development

### TOWN ADMINISTRATOR'S COMMENTS-RECOMMENDATION:

**BACKGROUND/DISCUSSION:** The attached changes are being recommended by the Town's Legal Counsel and Planning Board to: (1) recognize there are instances where an accessory dwelling unit does not appreciably increase impacts on municipal facilities and infrastructure; and (2) clarify the criteria under which an impact fee can be waived for accessory dwelling units in those instances.

**FISCAL IMPACT:** As written and applied by the Planning Board, there should be no direct fiscal impacts associated with the proposed change. If the application for an ADU results in a direct fiscal impact, then the waiver should not be granted.

**RECOMMENDATION:** Recommend that a public hearing be scheduled for April 18, 2018 and approval following the public hearing.

#### DOCUMENTS ATTACHED:

- 1. Letter from John J. Ratigan of Donahue, Tucker, and Ciandella, PLLC (To be forthcoming)
- 2. Section 32-234 Accessory Apartments

with nonresidential uses on a single lot or in a single structure, provided the following conditions are met

- (1) Permitted only in the M-1, M-2, M-3, M-2A and M-4 districts, and in other districts as specified elsewhere in this chapter. Mixed-use redevelopments within the M-1 district are subject to the special use permit requirements as set forth in section 32-45(b)(2)b. (Editorial Note: Amended 11/18/09)
- (2) Site plan review approval shall be required for the entire property to ensure that the site is suitable for the proposed mix of use.
- (c) Existing commercial properties in M-2A zone shall not add 3 residential units or more unless it can be shown by completion of a Fiscal Impact Study and a Market Analysis that the entire development will have a positive fiscal impact compared to current tax revenues. (Editorial note: Added 08/07/13)

(Ord. of 2-14-1996, § 7.02; Ord. of 11-18-2009; Ord. of 08 07 2013)

#### Sec. 32-234. Accessory apartments. (Editorial note: Amended 09/01/04).

(a) *Purpose*. Accessory apartments are permitted in all zoning districts that permit single family residential uses to ensure adequate provision of small, affordable residential units for various segments of the population, to help homeowners utilize excess space to generate revenue to help offset the costs of home ownership, and to encourage the adaptive reuse of historic homes. (Editorial note: Amended 03/01/17)

(b) One accessory apartment shall be permitted per detached single-family residence if granted a special exception by the zoning board of adjustment. The accessory apartment shall be contained entirely within or attached to the detached single-family residence. The zoning board of adjustment shall grant the special exception if the following conditions are met: (Editorial note: Amended 03/01/17)

- (1) The accessory apartment shall be a minimum of 300 square feet and a maximum of 1,000 square feet of finished living area. (Editorial note: Amended 03/01/17)
- (2) The accessory apartment shall either be an efficiency apartment (without a separate bedroom), or a one-bedroom or two bedroom apartment. (Editorial note: Amended 03/01/17)
- (3) One of the dwelling units must be owner-occupied.
- (4) There shall be a minimum of two parking spaces for each dwelling unit A parking space shall be defined as a rectangular space nine feet by 18 feet. Parking spaces shall be permitted within the setbacks if the location is over 50 feet from abutting dwelling units.
- (5) No exterior changes shall be made unless they maintain the aesthetic continuity of the accessory dwelling unit with the principal dwelling unit as a single-family dwelling.
- (6) Adequate water supply and sewage disposal shall be provided. If town water and sewer services the site, tie-in fces shall be paid.
- (7) Granting of the special exception would be consistent with section 32-5(1)b.
- (8) An interior door shall be provided between the principal dwelling unit and the accessory dwelling unit; however, it shall not be required to remain unlocked. (Editorial note: Amended 03/07/17)
- (c) Subdivision and site plan review approval are not required

(Ord. of 2-14-1996, § 7.03; Ord. of 9-1-2004)

Sec. 3.2-235. Sexually oriented businesses. (Editorial note: Section adopted 04/04/01)

(a) Purpose. The purpose of this section is to regulate sexually oriented businesses which, unless closely regulated, may have serious secondary effects on the community. These secondary effects include,





CELEBRATING OVER 30 YEARS OF SERVICE TO OUR CLIENTS

#### Please respond to our Exeter of fice.

March 28, 2018

MICHAEL, J. DONAHUE ROBERT D. CIANDELLA LIZABETH M. MACDONALD JOHN I RATIGAN DE NISE A.P.OULOS ROBERT M. DEROSIER CHRISTOPHER L. BOLDT SHARON CUDDY SOMERS DOUGLAS M. MANSFIELD KATHERINE B. MILLER CHRISTOPHER T. HILSON HEIDI I BARRETT-KFTCHEM JUSTIN L. PASAY ERIC A. MAHER AMELIA G. SRETER

RETIRED CHARLES F. TUCKER NICHOLAS R. AESCHLIMAN

VIA EMAIL ONLY Stephen Fournier, Town Administrator Town of Newmarket 186 Main Street Newmarket, NH 03857

#### Re: Proposed Zoning Ordinance Amendment to Section 32-238, Impact Fee Waivers for Accessory Dwelling Units

Dear Steve:

I have reviewed the proposed Zoning Ordinance Amendment prepared by the Planning Board for the Town Council to review and adopt that addresses providing clear authority to the Planning Board to review and grant impact fee waiver requests relating to Accessory Dwelling Units, provided that the applicant is able to satisfy the criteria set forth in the proposed amendment.

This amendment is consistent with my earlier recommendations to the Planning Board as to how to clarify the Board's authority over such Waiver applications. If adopted, I believe the impact fee waiver amendment will give the Board the lawful authority to act upon such waiver requests in a manner that is consistent with the upholding of the overall integrity of the impact fee ordinance.

Should you have any questions, please do not hesitate to contact me.

DONAHUE, TUCKER & CIANDELLA, PLLC 16 Windsor Lane, P.O. Box 630, Exeter, NH 03833-4924 111 Maplewood Avenue, Suite D, Portsmouth, NH 03801 Towle House, Unit 2, 164 NH Route 25, Meredith, NH 03253 83 Clinton Street, Concord, NH 03301

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Very truly yours,

DONAHUE, TUCKER & CIANDELLA, PLLC John J. Ratigan jratigan@dtclawyers.com

JJR:nes

cc: Diane Hardy

**CHARTERED JANUARY 1, 1991** 

FOUNDED DECEMBER 15, 1727



### TOWN OF NEWMARKET, NEW HAMPSHIRE By the Newmarket Town Council

#### Resolution #2017/2018 -45

A Resolution Adopting the Newmarket, NH Multi-Hazard Mitigation Plan Update 2018

- WHER EAS: The Town of Newmarket authorizes responsible departments and/or agencies to execute their responsibilities demonstrated in the plan, and received funding from the NH Office of Homeland Security and Emergency Management under a Pre-Disaster Mitigation (PDM) grant and assistance from Strafford Regional Planning Commission in the preparation of the Newmarket, NH Multi-Hazard Mitigation Plan Update 2018; and
- WHEREAS: Several public planning meetings were held between December 6, 2017 and January 24, 2018 regarding the development and review of the Newmarket, NH Multi-Hazard Mitigation Plan Update 2018; and
- WHEREAS: The Newmarket, NH Multi-Hazard Mitigation Plan Update 2018 contains several potential future projects to mitigate hazard damage in the Town of Newmarket; and
- WHEREAS: A duly-noticed public meeting was held by the Newmarket Town Council on April 18, 2018 to formally approve and adopt the Newmarket, NH Multi-Hazard Mitigation Plan Update 2018.

NOW, THEREFORE, BE IT RESOLVED BY THE NEWMARKET TOWN COUNCIL THAT:

That the Newmarket Town Council adopts the Newmarket, NH Multi-Hazard Mitigation Plan Update 2018.

First Reading:	April 4, 2018
Second Reading:	April 18, 2018
Approval:	

#### Approved:

Dale Pike, Chair Newmarket Town Council

A True Copy Attest:

Terri Littlefield, Town Clerk

# Multi-Hazard Mitigation Plan Update 2018 Town of Newmarket, NH



Adopted 2006 Updated February 1, 2013 Updated XX, 2018

Submitted to the New Hampshire Homeland Security & Emergency Management

By the

Town of Newmarket, NH with Strafford Regional Planning Commission

This project was funded from the fiscal year 2016 Pre-Disaster Mitigation (PDM) Grant Program, which was awarded to the Department of Safety, Division of Homeland Security and Emergency Management (HSEM) from the Federal Emergency Management Agency (FEMA).

#### Acknowledgements

This plan was created through a grant from New Hampshire Homeland Security and Emergency Management (HSEM). The following organizations have contributed invaluable assistance and support for this project:

The 2006 and 2013 Newmarket Multi-Hazard Mitigation Committee New Hampshire Homeland Security Emergency Management (HSEM) Town of Newmarket

#### The 2018 Town of Newmarket Multi-Hazard Mitigation Planning Committee

6 people have attended meetings and/or been instrumental in completing this plan:

Steve Fournier
Kyle True
Richard Beaudet
Gregory Maries
Rick Malasky
Diane Hardy
Town Administrator/EMD, Town of Newmarket
Police Chief, Town of Newmarket
Police Lieutenant, Town of Newmarket
Director of Facilities, Town of Newmarket
Fire Chief/Public Works Director, Town of Newmarket

Plan Prepared and Authored By Kyle Pimental, Principal Regional Planner Strafford Regional Planning Commission 150 Wakefield Street, Suite 12 Rochester, NH 03867 603-994-3500 www.strafford.org

Date of Conditional Approval from HSEM: 3/23/18 Date of Adoption by Town: Date of Final Approval from FEMA:

Cover: Lamprey River/Moonlight Brook flooding on Exeter Street (the "bowl"); May 2006 Photo credit: Newmarket Fire and Rescue Department

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# **Executive Summary**

This Plan was revised and updated to meet statutory requirements and to assist the Town of Newmarket in reducing and mitigating future losses from natural and man-made hazardous events. An initial edition of this Plan was developed and presented to FEMA in 2006. The plan was revised in 2013, and was updated in 2018 to reflect the most recent information obtained through the evolution of the hazard mitigation program at the State. This update was developed by Strafford Regional Planning Commission (SRPC) and participants from the Multi-Hazard Mitigation Planning Team. This team was made up by the Town Administrator/EMD, Police Chief, Fire Chief/Public Works DireCtor, Director of Facilities, Police Lieutenant, and Town Planner.

The Plan references historical events, as well as identifies specific vulnerabilities that are likely to impact the Town. Overall threats include:

- : <u>2</u> hazards rated as having a <u>High</u> overall risk in Newmarket: flooding (riverine/extreme rain event) and drought
- .: <u>4</u> hazards rated as having a <u>Moderate</u> overall risk in Newmarket: sever winter storms, hurricane and tropical storms, cyber-attacks, and flooding (dam failure)
- \* <u>8</u> hazards rated as having a <u>Low</u> overall risk in Newmarket: hazardous materials, public health threats, severe thunderstorms, tornado and downbursts, extreme temperatures, earthquake and landslide, wildfire, and coastal flooding.

Each hazard was provided with a description and information on the hazard's extent, past events and impacts, potential future impacts to the community, and potential loss estimates. As part of this analysis, the planning team reviewed past and existing mitigation strategies and made updates for improvement. Lastly, the planning team developed a series of new mitigation actions to be completed over the course of this plan's five-year cycle. Each mitigation action was prioritized using the STAPLEE Method and responsibilities for implementation were identified.

This plan provides an updated list of Critical Facilities and Key Resources (CF/KR) categorized as follows: Emergency Response Facilities (ERF), Non-Emergency Response Facilities (NERF), Critical Facilities (CF), and Water Resources (WR). All critical assets were inventoried and mapped.

The revision process included reviewing other Town Hazard Plans, technical manuals, federal and state laws, the State Hazard Mitigation Plan, research data, and other available mitigation documents from multiple sources. Combining elements from these sources, the Planning Team was able to produce this integrated multi-hazards plan and recognizes that such a plan must be considered a work in progress.

The Town of Newmarket received conditional approval on March 23, 2018. A public meeting was held and the plan was adopted by the Town Council on XX, 2018. The Plan received formal approval from FEMA on XX, 2018. In addition to periodic reviews there are three specific situations, which require a formal review of the plan. The plan will be reviewed:

- Annually to assess whether the existing and suggested mitigation strategies have been successful and remain current in light of any changes in federal state and local regulations and statutes. This review will address the Plan's effectiveness, accuracy and completeness in regard to the implementation strategy. The review will address any recommended improvements to the Plan, and address any weaknesses identified that the Plan did not adequately address. This report will be filed with the Town Council.
- Every five years the Plan will be thoroughly reviewed, revised and updated using the same criteria outlined above. At that time it is expected to be thoroughly reviewed and updated as necessary. The public will be allowed and encouraged to participate in that five year revision process.
- After any declared emergency event, the EMD using the same criteria outlined above.
- . If the Town adopts any major modifications to its land use planning documents, the jurisdiction will conduct a Plan review and make changes as applicable.



# Chapter 1: Multi-Hazard Mitigation Planning Process

# Authority

Newmarket's original Multi-Hazard Mitigation Plan was prepared pursuant to Section 322, Mitigation Planning, of the Robert T. Stafford Disaster Relief and Emergency Assistance Act (the Act), herein enacted by Section 104 of the Disaster Mitigation Act of 2000 (DMA) (P.L. 106-390). This Act provides new and revitalized approaches to mitigation planning. Section 322 of DMA 2000 emphasizes the need for State, local and tribal entities to closely coordinate mitigation planning and implementation efforts. This revised multi-hazard plan will be referred to as the "Plan". Newmarket's Plan has been prepared by the Multi-Hazard Mitigation Planning Team with the assistance and professional services of Strafford Regional Planning Commission (SRPC) under contract with New Hampshire Homeland Security Emergency Management (HSEM) operating under the guidance of Section 206.405 of 44 CFR Chapter 1 (10-1-2010 Edition). This plan is funded, in part, by HSEM through grants from FEMA (Federal Emergency Management Agency). Funds from matching funds for team member's time are also part of the funding formula.

# **Purpose and History**

The ultimate purpose of Disaster Mitigation Act of 2000 (DMA) is to:

- establish a national disaster hazard mitigation program –
- reduce the loss of life and property, human suffering, economic disruption and disaster assistance costs resulting from natural disasters; and
- provide a source of pre-disaster hazard mitigation funding that will assist States and local governments (including Indian tribes) in implementing effective hazard mitigation measures that are designed to ensure the continued functionality of critical services and facilities after a natural disaster.

DMA 2000 amends the Robert T. Stafford Disaster Relief and Emergency Assistance Act by, among other things, adding a new section "322 – Mitigation Planning" which states:

As a condition of a receipt of an increased Federal share for hazard mitigation measures under subsection (e), a State, local, or tribal government shall develop and submit for approval to the President a mitigation plan that outlines processes for identifying the natural hazards, risks, and vulnerabilities of the area under the jurisdiction of the government

HSEM's goal is for all New Hampshire communities to complete a local multi-hazard plan as a means to reduce future losses from natural and man-made events before, during, or after they occur. HSEM has outlined a process whereby communities throughout the state may become eligible for grants and other assistance upon completion of this multihazard plan. The state's regional planning commissions are charged with providing assistance to selected communities to help develop local plans. Newmarket's Multi-Hazard Mitigation Plan is a planning tool for reducing future losses from natural and man-made disasters as required by the Disaster Mitigation Act of 2000. The DMA places new emphasis on local mitigation planning. It requires local a local jurisdiction to prepare and adopt a FEMA approved jurisdiction-wide Hazard Mitigation Plan as a condition for receiving Hazard Mitigation Assistance (HMA) project grants and other grants every five years. In addition to updating their plans every five years to continue program eligibility, local governments should review the plan yearly.

# Jurisdiction and Scope of the Plan

This Plan addresses only one jurisdiction: the Town of Newmarket, NH. The Plan addresses 14 types of natural and man-made hazards that may affect the Town:

- Flooding (Riverine/Extreme Rain Event)
- Flooding (Dam Failure)
- Coastal Hazards (Storm Surge & Sea-Level Rise)
- Hurricane & Tropical Storms
- Tornado & Downburst
- Severe Winter Storms
- Severe Thunderstorms

- Wildfire
- Earthquake/Landslide
- Extreme Temperatures
- Drought
- Public Health Threats
- Hazardous Material
- Cyber Attacks

It describes each hazard and identifies past occurrences of hazard events and assesses probability of future hazard events in the Town. The Plan assesses the vulnerability of key infrastructure and critical facilities; existing residential buildings and other structures within Newmarket; and future development. The Plan also addresses the administrative, technical, and physical capacity of emergency response services and response coordination between federal, state, and local entities.



Flooding Impacts, May 2016

# Multi-Hazard Mitigation Goals

The Town's multi-hazard goals are based on the State of New Hampshire Multi-Hazard Mitigation Plan (2013) goals and include:

- Ensure the protection of the general population, citizens and guests of Newmarket New Hampshire, before, during and after a hazard
- Protect existing properties and structures through mitigation activities.
- Provide resources to residents of Newmarket, when needed, to become more resilient to hazards that impact the town's critical support services, critical facilities, infrastructure, economy, environment, historical & cultural treasures and private property,
- Support the Presidential Policy Directive (PPD-8) through prevention, Mitigation, preparedness, and response and recovery actions.
- Work regionally to identify, introduce and implement cost effective hazard mitigation measures in order to accomplish the town's goals.
- Develop and implement programs to promote hazard mitigation to protect infrastructure throughout the town to reduce liability with respect to natural and human-caused hazards generally.
- To address the challenges posed by climate change as they pertain to increasing risks in the town's infrastructure and natural environment.

# Multi-Hazard Mitigation Planning Process

### Overview

The Plan was developed and updated with substantial local, state, and federal coordination. The completion of this new multihazard plan required significant planning preparation and represents the collaborative efforts of the Town of Newmarket, an ad-hoc local Multi-Hazard Mitigation Planning Committee, and SRPC. The Committee followed an established ten step multi-hazard mitigation planning process (see box, right).

The Committee met 4 times over a 2 month period to discuss the range of hazards included in this plan as well as brainstorm mitigation needs and strategies to address these hazards and their impacts on people, business, and infrastructure in the town. All meetings were geared to accommodate brainstorming, open discussion, and an increased awareness of potential threats to the town. This process results in significant cross talk regarding all types of natural and man-made hazards.

Ten Step Multi\_Hazard Mitigation Planning Process

- 1. Establish and Orient a Hazard Mitigation Planning Committee
- 2. Identify Past and Potential Hazards
- 3. Identify of Haza rds and Critical Facilities
- Assess Vulnerability Estimating Potential Losses
- 5. Analyze Development Trends
- 6. Identify Existing Mitigation Strategies and Proposed Improvements
- 7. Develop Specific Mitigation Measures
- 8. Prioritize Mitigation Measures
- 9. Prepare Mitigation Action Plan
- 10. Adopt and Implement the Plan

### Committee Meetings

The Plan is being developed with substantial local, state and federal coordination; completion of this new multihazard plan required significant planning preparation. All meetings are geared to accommodate brainstorming, open discussion and an increased awareness of potential threats to the town. Below is a brief summary of each meeting. Meeting agendas and sign-in sheets are included in the Plan's Appendix B.

### Meeting #1: December 6, 2017

Members present: Steve Fournier (Town Administrator/EMD), Richard Beaudet (Police Lieutenant), Gregory Maries (Director of Facilities), Rick Malasky (Fire Chief/Public Works Director, and Diane Hardy (Town Planner)

Strafford Regional Planning Commission (SRPC) staff provided a brief overview of the update process and the federal requirements set forth in the town's grant. This included information on the five-year plan cycle, eligibility of future funding opportunities, and the town's existing plan that is set to expire on 1/31/18. SRPC staff detailed the in-kind match documentation, committee responsibilities, and steps towards successful adoption.

SRPC, and the committee, reviewed the draft community profile chapter. Committee members provided the following feedback:

- 1. General edits, grammar, and spelling revisions
- 2. Add 2017 building permit data, if information is available before submitting the plan to HSEM

SRPC, and the committee, reviewed the draft asset inventory chapter. Committee members provided the following feedback:

- 1. Revisions to Table 4: Emergency Response Facilities (ERF) include:
  - a. Fire Station is the Emergency Operations Center (EOC)
  - b. Police is the back-up EOC
  - c. Remove Junior/Senior High School as emergency shelter (no generator)
  - d. Remove Transfer Station for emergency fuel
  - e. Add Community Center as primary emergency shelter
  - f. Add Carpenter Field as potential helipad location
  - g. Add Sunrise Sunset Senior Center as warming/cooling station
  - h. Add Exeter High School as mass evacuation regional emergency shelter
- 2. Revisions to Table 5: Non-Emergency Response Facilities (NERF) include:
  - a. Revisions to Wastewater Treatment Plant's location Young's Lane
  - b. Remove Water Treatment Plant
- 3. Revisions to Table 6: Critical Facilities (CF) include:
  - a. Remove small substations
  - b. Remove natural gas stations
  - c. Remove critical intersections

- d. Add Newmarket House on Granite Street as communication function
- e. Add dispatch antennae on Zion Hill as back-up repeater
- f. Add culvert on Bay Road over Lubberland Creek as vulnerable transportation asset
- 4. Revisions to Table 7: Vulnerable Populations to Protect (VPP) include:
  - a. Change Newmarket Head Start to Community Center
  - b. Change Granite Street Assisted Living to Newmarket House
  - c. Add Lamprey Health Care (207 South Main Street)
  - d. Add Great Bay Family Practice (60 Exeter Road)
  - e. Add One Sky Futures: Learning Center (60 Exeter Road)
- 5. Revisions to Table 8. Water Resources (WR) include:
  - a. Add the following groundwater wells:
    - i. Macintosh Well
    - ii. Tucker Well
  - b. Add the following dry hydrants
    - i. Piscassic Street
    - ii. Grant Road
  - c. Add the following cisterns:
    - i. Cushing Road
    - ii. Hayden Place

SRPC, and the committee, reviewed the all the past mitigation strategies. Committee members provided feedback on each of the twelve actions.

The next meeting was set for December 20<sup>th</sup> at 1PM at the Town Hall. SRPC staff indicated that materials would be sent out prior to the meeting date to give the committee adequate time to be prepared to discuss agenda items.

### Meeting #2: December 20, 2017

Members present: Steve Fournier (Town Administrator/EMD), Richard Beaudet (Police Lieutenant), Rick Malasky (Fire Chief/Public Works Director, and Diane Hardy (Town Planner)

SRPC staff opened the meeting by reviewing the notes from the December 6<sup>th</sup> meeting with the Planning Committee; there were no additional comments. SRPC briefly went over the to-do list and asked that identified committee members submit their tasks as soon as possible for inclusion into the plan.

Next, the Planning Committee reviewed the Town's National Flood Insurance Program (NFIP) status and past floodplain management actions. Past actions included: sending out flood insurance brochures to existing residents and new homeowners located in the flood zone (handouts were also made available at the Town Hall); the 2009 FEMA Community Assistance Visit; the Moonlight Brook study; the C-RiSe vulnerability assessment; and the New Road stormwater project. The Committee added the Lubberland Creek culvert restoration project and the drainage improvements, best management practices, and educational program opportunities at the Middle/High School.

Next, the Planning Committee reviewed past presidentially declared disasters and emergency declarations. Additional input includes:

- 1. March 2013 Blizzard Line of sight issues and challenges with snow removal. The Town had to use the Carpenter Property as a snow dump.
- 2. March 2015 Snowstorm Line of sight issues and challenges with snow removal. The Town had to use the Carpenter Property as a snow dump.
- 3. August 2017 Flooding Event There were no impacts locally.
- 4. November 2011 Winter Storm Minor power outages, small amounts of debris, and school closures.
- 5. October 2012 Hurricane Sandy The emergency operations center was opened; however, there were only minor impacts with rain and some wind.

The Planning Committee then discussed the descriptions of each hazard. Below is a summarized list of additional data that will be included into the Plan:

SRPC, and the committee, reviewed the draft community profile chapter. Committee members provided the following feedback:

- 1. Flooding
  - a. There were no local ice jams
  - b. The Planning Committee identified three additional flooding events of consequence, including February 2010, October 2016, and the spring of 1996. The February storm impacted parts of Route 152. The October storm impacted parts of Route 108 and Gerry Ave; however, the issues at Gerry Ave were attributed to beaver damage in a local manhole that backed up water from Moonlight Brook and has not happened since. The Committee could not recall the specifics of this storm other than it caused damage in the "bowl" area on Exeter Street. According to the Flood Insurance Study for Rockingham County (2014), this event had a recurrence interval of approximately 100 years and recorded a peak discharge of 3,060 cubic feet per second (cfs) on parts of the Exeter River in Brentwood.
- 2. Hurricanes and Tropical Storms
  - a. Minor impacts, including periods of heavy rain, downed branches, and short-term power outages.
- 3. Tornado and Downburst
  - a. There have been no direct impacts from tornadoes; however, the Town has experienced multiple downburst activity. In 1984, there was a microburst that tore through the mobile home park on Bay Road and destroyed 8 homes. It also took parts of the roof off the library and the Mill building.
  - b. A severe wind event in late October, 2017 caused trees to come down and resulted in approximately 67% of the Town to be without power and the Halloween trick-or-treating event was postponed.
- 4. Severe Winter Weather

- a. Ice Storm 1998 Local impacts included major power outages ranging from a couple of days to a week; the warming shelter was also opened.
- b. Ice Storm 2008 Local impacts included power outages for upwards of 9 days, the opening of the warming shelter, downed trees and other debris, and road closures.
- 5. Severe Thunderstorms & Lightning
  - a. No major impacts; some residential damage, but no fires.
- 6. Wildfires
  - a. No major wildfires
- 7. Earthquakes and Landslide
  - a. A minor earthquake was felt several years ago, but did not result in any damage.
- 8. Extreme Temperatures
  - a. No significant impacts
- 9. Drought
  - a. Newmarket operated under a stage 4 water conservation system for most of the year and only lifted the ban in the last several months
- 10. Public Health Threats
  - a. Heroin epidemic The Town and its partners have strengthened local advocacy through the implementation of an education and outreach campaign to help provide information on substance abuse and designating a safe station for those in need.
  - b. The police department agreed to research the number of fatalities over the course of the last five years, which will be included into the plan
  - c. Arsenic Wade Farm is a location that has experienced some issues in the past
- 11. Hazardous Materials
  - a. Routes 108 and 152 are the two roadways of biggest concern; however, the railroad is the larger concern
  - b. The Planning Committee recognized at least one accident with the train and another vehicle, but it did not result in a spill of any kind. There have been other minor oil/fuel spills that have taken place in various locations in Town.
- 12. Coastal Hazards
  - a. Due to limited development along tidal areas, to this point there have been no major flooding issues; however, future impacts of sea-level rise may result in additional risk.

The Planning Committee expressed interested in adding cyber-attacks to the list of potential hazards. SRPC agreed to work on these hazards and present them at the meeting in January.

Lastly, the Planning Committee reviewed and ranked each of the identified hazards using the hazard vulnerability assessment tool. The results are as follows:

• There were <u>2</u> hazards ranked as high, including: flooding (riverine/extreme rain event) and drought

- There were <u>4</u> hazards ranked as medium, including: sever winter storms, hurricane and tropical storms, cyberattacks, and flooding (dam failure)
- There were <u>8</u> hazards ranked as low, including: hazardous materials, public health threats, severe thunderstorms, tornado and downbursts, extreme temperatures, earthquake and landslide, wildfire, and coastal flooding.

The next meeting was set for January 10<sup>th</sup> at 1PM at the Town Hall. SRPC staff indicated that materials would be sent out prior to the meeting date to give the committee adequate time to be prepared to discuss agenda items.

### Meeting #3: January 10, 2018

Members present: Steve Fournier (Town Administrator/EMD), Richard Beaudet (Police Lieutenant), Gregory Maries (Director of Facilities), Rick Malasky (Fire Chief/Public Works Director, and Diane Hardy (Town Planner)

SRPC staff opened the meeting by reviewing the notes from the December 20<sup>th</sup> meeting with the Planning Committee; there was one comment to change the public health impact on Wade Farm from radon to arsenic.

Next, the committee reviewed the section developed by SRPC on cyber-attacks. Two additional comments were provided by the committee. The first was that we should include a sentence or two about the potential risk of an attack on the town's water and sewer electronic control system. The second was to recognize that in 2016 a single work station in the Police Department was infected with malware software; however, it did not spread and did not impact the server. Since that incident the IT department has provided outreach to officers on suspicious emails and has taken additional precautions to limit future hacking incidents.

The committee then discussed existing mitigation strategies (refer to Table 21: Existing Programs and Policies). The committee determined what the effectiveness was of each existing program and provided an update. The committee also decided to add Newmarket's participation as a community emergency response team (CERT).

Next, the committee continued to develop new mitigation actions for inclusion in the plan. Each action was discussed as a group in order to determine the following criteria: hazard type, action category, responsible party, timeframe, location, and potential funding sources. Once a complete list was developed, the Planning Committee used the STAPLEE method to organize each of the actions. SRPC would be tasked with final organization of all new strategies and existing actions that were being carried over from the 2013 Plan.

The meeting ended with next steps for conditional approval, town adoption, and final FEMA adoption.

#### Meeting #4: January 24, 2018 (map review)

Members present: Steve Fournier (Town Administrator/EMD), Richard Beaudet (Police Lieutenant), Gregory Maries (Director of Facilities), Rick Malasky (Fire Chief/Public Works Director, and Diane Hardy (Town Planner)

The last meeting was reserved to provide final comments on the draft update and review all the maps.

#### **Public Involvement**

Public involvement is an important part of the planning process. A local Multi-Hazard Mitigation Planning Committee (the Committee) was formed to guide and oversee the development of this Plan. Members of the Town Council, Conservation Commission, Planning Department; Police, Fire, and Public Works; and local business owners, interested organizations, and Newmarket residents were invited to participate on the Committee. Community officials were encouraged to contact as many people as they could to participate in the planning process. Members of the public and other stakeholders from neighboring communities were also informed of and encouraged to attend the Committee's meetings.

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Regional Ever	its
Town of Newmarks	et Hazard Mitigation Planning Committee Meeting #1
Event Date: Wed, Dec	Orh 2017 100:00 pm
Strafford Regional Pla	noing Commission has begun the process to update the Town of Newnarket's Multi-Hazard Atdigation Flam. The
first meeting with the	Multi-Hazard Milagation Flaming Committee has been scheduled for Wednesday, Decomber (of 2017 at 100W),
at the Town Hall. At the	a fast meeting, the Flaming Committee will review the update process and requirements of the grant, go over
committee responsibi-	tiss, in kind match documentation, and the steps towards successful adoptions review a community profile.
teview the town's asso	I inventory, and discuss existing and past mitigation strategies.
All sitizens, businese	, municipa lofficiale, andinter ested ponios flαm Nervi misket and ot het neighboiling communal les arevvelo, me to
attend the meeting Jr	you are unavailable to attend, pleve lorvarid anyld teas or conctons to: Kyle Pinn nal Pinnipal Regional Pia nee
Stiafford Regional Pla	nning Commission at <u>kpinn makestitätisti org</u> α to Steve Fournier, Newmarket Town Administrator at
stourniet@neam.ut.st	pb goz.
This updateol the 20.	3 Plan is funded by FELTA under contracttoStrafford Regional Plans singCommission and is a collaborative
planning processwith	the Town.
Dateposted Fri, Nov Related	1944 2017
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To build awareness of the Plan and opportunity to be involved, an announcement about the Plan update was included on the Strafford Regional Planning Commission's website and information about the Plan was included in SRPC's news updates in order to ensure that adjacent communities were aware of Newmarket's committee meetings and had the opportunity to attend A public notice, stressing the public nature of the process, was posted on the town's website and notices were hung at Town Hall in advance of each Committee meeting. The Committee met four times between December

6, 2017 and January 24, 2018. All feedback from participants of the planning committee was incorporated into the Plan. There was no participation from surrounding communities. There was no other public participation in the plan update process.

The public will have the opportunity for future involvement as the Plan will be periodically reviewed and the public will be invited to participate in all future reviews and updates to this plan. There will also be a public meeting before each formal review and before any change/update is sent to HSEM.

Once final approval by HSEM has been received, copies of the Plan will be distributed to the relevant town departments and personnel, HSEM, and FEMA and other state and local governmental entities; the Plan will then be distributed by these entities per requirements. Copies of the Plan will remain on file at the Strafford Regional Planning Commission (SRPC) in both digital and paper format.

### Adoption and Integration

Once approved by the Planning Committee, the Plan will be forwarded to HSEM for Conditional Approval. Upon review and conditional approval by HSEM, the Town Council will hold a public meeting, to consider public comments and must promulgate a signed Resolution to Adopt the Plan.

Elements of the Plan will be incorporated into other planning processes and documents, such as the Town's Master Plan, Capital Improvement Plan, and Emergency Operations Plan. The town will refer to this Multi-Hazard Mitigation, as appropriate, in other documents.

# Chapter 2: Community Profile

## Overview

The Town of Newmarket is located in southeastern NH within Rockingham County. The towns bordering Newmarket are: Lee and Durham to the north, Greenland to the east, Epping to the west, and Newfields to the south. The Town also has water borders with Greenland and Newington to the east and Stratham to the southeast. With a population of 8,964 (according to the 2016 American Community Survey), Newmarket has experienced roughly. a 10.5% increase in total population since 2000 (8,027). This increase is nearly double the regional demographic trend of Rockingham County, which experienced a 6.1% increase between 2000 and 2010. Newmarket's population shift more closely mimics trends in Strafford County, which experienced a 10.9% increase and represents one of the fastest growing areas in the state of New Hampshire



Map 1: Newmarket Locus Map (Source: SRPC, 2017)

The Town of Newmarket covers a total area of 14.2 square miles (9,080.3 acres), with a land area of 12.6 square miles (8,053.5 acres) and a water area of 1.6 square miles (1,026.8 acres). There are three primary watersheds within the town and include the Exeter River, Lamprey River, and Great Bay. The five major surface waterbodies are: the Piscassic River, Moonlight Brook, Lubberland Creek, the Lamprey River (tidal), and Great Bay. According to the <u>Newmarket\_C-RiSe Report</u> [2017], the inland coastal portion of Newmarket that is most susceptible to coastal flooding are those located south of the Macallen Dam on the west side of the Lamprey River near the downtown, low-lying areas around Lubberland Creek, and low-lying land south of the Lamprey River along Great Bay.

According to Newmarket's Existing Land Use Chapter [2013], the town's most recent development pattern, occurring outside the town center, has evolved into three distinct forms of land use: 1) residential open space design development; 2) land conservation; and 3) redevelopment, growth management, and infill development.

The topography of Newmarket is gently rolling with elevations ranging from sea level along tidal areas to greater than 280 feet on Bald Hill in the westernmost area of town. Great Bay and the Lamprey River are the town's most significant bodies of water.

Newmarket is positioned in the lowermost reaches of the coastal watershed, and within portions of the Lamprey River, Exeter River and the Great Bay Watersheds. It contains both freshwater and tidal rivers and estuarine ecosystems. Tidal influence on the Lamprey River extends to the Macallen Dam in downtown near the NH Route 108 crossing. Tidal influence of the Great Bay extends up Lubberland Creek and the Squamscott River, as well as several unnamed tributaries in the southern areas of town.

# Housing

In the period between 2011 and 2015, Newmarket experienced an overall increase of 135 total housing units (roughly 3.4%). Newmarket experienced the lowest number of total housing units in 2012, and the highest in 2015. According to housing tenure data for that same 5-year time period, the total renter-occupied unit counts increased by 7.7% while owner-occupied housing units stayed roughly the same (>1% increase). During this time period, the vacant housing units decreased by 8.6% and total occupied housing units saw a small increase of 3.9%. As of 2015, Newmarket's occupied housing units are roughly 53% owner-occupied and 47% renter occupied. Vacant housing units varied from a high of 234 in 2014 to a low of 182 in 2012. Currently, the town exhibits a 4.6% vacancy rate; this rate does not take into consideration Newmarket's limited seasonal homes. The 2010 Census estimates (not shown) that 28 homes are for seasonal, recreational, or occasional use. Unfortunately, these estimates are not available for other years, but if these numbers are substituted in 2015, a slightly more accurate vacancy rate would be 3.9%.

Table 1; Housing Data 2011 - 2015						
	2011	2012	2013	2014	2015	% Change 2011-2015
Total Housing Units	3,890	3,875	3,917	4,050	4,025	+3,4%
Occupied Housing Units	3,688	3,693	3,6697	3,816	3,839	+3.9%
Owner Occupied Housing Units	2,006	2,055	2,018	2,036	2,017	+0 <u>.</u> 5%
Renter Occupied Housing Units	1,682	1,638	1,697	1,780	1,822	+7.7%
Vacant Housing Units	202	182	220	234	186	-8.6%

Source: U.S. Census Bureau, American Community Survey 5-Year Estimates

# **Building Permit Data**

According to the data that was received from the town, a total of 88 building permits were issued from 2012 through 2016 (2017 data was not available at the time). Newmarket experienced an average of roughly 18 new structures (mostly single-unit residential, with some mixed use, manufactured, and commercial/industrial development) between 2012 and 2016. Figure 1 (below) shows Newmarket has seen a steady increase in growth over the past five years, with higher concentrations in 2015 and 2016. This data represents the best available information at the time of the preparation of the Plan; however, it should be noted that the issuance of a building permit does not always directly correlate with new development.



### Figure 1: New Building Permits 2012 - 2016

Source: Newmarket's Building Official and Planning Department

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# **Development Trends**

A GIS density analysis was completed using building permit data collected from 2012 – 2016 in order to identify and map clusters of development.

The results indicate that the predominant development type over the last several years has been residential and has been largely scattered throughout the town along existing major transportation corridors, including Grant Road, Route 152, and Route 108. Some of the higher densities are located in the following areas: Bald Hill Road, Water Street, Bay Road (Bayview Drive/Lookout Place), Cushing Road (Lubberland Drive/Eagle Drive), and north of the golf course (Honeycomb Way, Daybreak Drive, and Firefly Landing).

As mentioned above, the issuance of a building permit does not always directly correlate with new development and these maps should be used for general planning purposes only.

By looking at these past developmient trends the town recognizes that it will continue to grow in the coming years and will continue to monitor and improve their floodplain



Map 2: Development Density Map (Source: SRPC/Newmarket, 2017)

management regulations, as needed, for all subdivision and site plan proposals in order to reduce or eliminate flood hazards and damage.

# Development within the FEMA Floodplain

According to a simple GIS analysis, of all the building permits issued over the course of the last five years (2012 – 2016), there were 4 homes (two single-family; two multi-family) identified within the FEMA floodplain; however, a follow-up analysis was completed to select locations that may be within 75 to 100 feet adjacent to the FEMA floodplain. The results of that analysis indicated three homes (two single family; one multi-family) were within 75 feet of the floodplain and an additional three homes (two single family; one multi-family) were within 100 feet of the floodplain (shown on Map 3).

It is important to note building permit data does not always correlate directly with new construction. Due to limitations with the analysis, it is unclear as to the exact location of those structures and whether or not they are vulnerable to flooding. The locations of the 10 building permits identified as part of this analysis are provided in more detail in Table 2 below.

Table 2: Building Permits Within or Close Proximity to FEMA Floodplain [2012-2016]				
Location	Year	Туре	Proximity	
Tuckers Way	2016	Single Family Residential	Within FEMA Floodplain	
Maya's Way	2012	Single Family Residential	Within FEMA Floodplain	
Water Street	2013	Multi-Family Residential	Within FEMA Floodplain	
Water Street	201.3	Mutif Fam ly Residentia	Within FEMA Floodplain	
HoneyComb Way	2016	Single Family Residential	Within 75 feet of FEMA Floodplain	
Tuckers Way	2016	Sinde Family Residential	Within 75 feet of FEMA Floodplain	
Water Street	2013	Multi-Family Residential	Within 75 feet of FEMA Floodplain	
Water Street	2013	Multi-Family Residential	Within 100 feet of FEMA Roods la in	
Maya's Way	2012	Single Family Residential	Within 100 feet of FEMA Floodplain	
Maya's Way	2012	Single Family Residential	Within 100 feet of FEMA Floodplain	

[Source: Town of Newmarket, 2017]

As shown on Map 3, over the course of the last five years, Newmarket has, for the most part, successfully steered new developments away from existing and potential flooding dangers; however, as More extreme precipitation events occur NewMarket will need to continue to proactively plan for future flooding scenarios along with guiding development away from vulnerable areas. Therefore, the community's Vulnerability has remained the same.



Map 3: Building Permits within or close proximity to FEMA Floodplain (Source: SRPC/OEP, 2017)

Looking ahead, the Town will use this Plan as a guide to determine where past hazards have been documented and guide potential development away from these hazard areas.

# Land Use Changes

It is much easier to identify and analyze regional land use trends, compared to strictly looking at land use conversion changes at the local level; however, this data remains an important component of long-term planning efforts. As previously mentioned, Newmarket has experienced significant population increases over the course of the last decade. This has resulted in an increase in the amount of land converted to residential use over the span of the last fifteen years. See Table 3 for a more detailed analysis of land use changes of time.

According to the 2015 regional land use layer, roughly 20% (1,802 acres) of the town's total acreage is currently classified as residential, scattered throughout the town and along existing major transportation corridors. Newmarket did not experience a substantial increase in residential land use conversion in the last five years (>1%). Nor did the town see any major changes in commercial and industrial uses, agriculture, or wetlands. The town experienced roughly a 1% loss of forest land due to land conversion.



Map 4: 2015 Land Use Data (Source, GRANIT, 2017)

The town's ongoing Master Plan update process hopes to improve existing land use regulations which may include zoning amendments, as necessary, to help guide development.

Table 3: Land Use Data 2010 - 2015					
	Acres	% of total	Acres	% of total	5-year (+/-)
Land Use Classification	(2010)	acreage	(2015)	acreage	% change
Residential	1,802.5	19.9%	1,831.9	20.2%	+0.3%
Commercial & Industrial	172.7	1.9%	173.9	1.9%	+0.0%
Agriculture	651.7	7.2%	647.8	7.1%	-0.1%
Forest Land	3,739.2	41.2%	3,641.4	40.1%	-1.1%
Wetlands	1,091.2	12.0%	1,085.8	12.0%	-0.0%
TOTAL	9,080.3	82.1%	9,080.3	81.3%	N/A
This analysis does not include: trans	sportation,	communications, and	d utilities; c	outdoor and other	urban built-up land;

transitional; open water; and barren lands, which together make up the remaining 17-18%.

# Chapter 3: Asset Inventory

# Critical Facilities and Key Resources

This chapter includes Critical Facilities and Key Resources (CF/KR) within the Town of Newmarket that were identified by the Committee during the update of this plan.

FEMA describes the term 'critical facilities' as all manmade structures or other improvements that, because of their function, size, service area, or uniqueness, have the potential to cause serious bodily harm, extensive property damage, or disruption of vital socioeconomic activities if they are destroyed, damaged, or if their functionality is impaired.<sup>1</sup> These facilities include all public and private facilities that a community considers essential

"Critical facilities, and the functions they perform, are the most significant components of the system that protects the health, safety, and well-being of communities at risk."

-FEMA Critical Facility Design Considerations

for the delivery of vital services for the protection of the community, such as emergency operations centers, shelters, or utilities.  $^{2}$ 

Tables include a list of CF/KR, including the type of facility and building, and the address of the CF/KR, if available. Appendix D contains a correlating map set. Facilities in bold are located in other communities and are not mapped.

able 4: Emergency Response Facilit	ies (ERF)	
RF's are primary facilities and resou	rces that may be needed during an emergency r.e.	sonse
Facility	Туре	Addres
Town Hall	Administrative	186 Main Street
Fire Station	Emergency Operations Center (EOC)	2 Young's Lane
Police Station	Back-up EOC	70 Exeter Road
Community Center	Emergency Shelter	1 Terrace Drive
Sunrise Sunset Senior Center	Warming/cooling Station	2 Terrace Drive
Exeter High School	Regional Shelter (Mass evacuation)	1 Blue Hawk Drive
Public Works Garage	Em agrey Fiel	2 Young 5 Lane
Helipad Locations	Emergency Medical Evacuation	Leo Landroche Field Rockingham Golf Course Fire Station Carpenter Field
Evacuation Routes	Evacuation Planning	Route 108 Route 152

Table 5: Non-Emergency Response Facilit	ies (NERF)	
NERF's are facilities considered essential, t	that although critical, not necessary for	immediate emergency response effort.
Facility	Туре	Address
Wastewater Treatment Plant	Wastewater Plant	Young's Lane

<sup>1</sup> https://www.fema.gov/media-library-data/20130726-1557-20490-2839/fema543\_chapter1.pdf <sup>2</sup> Jbid

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Table & Critical Facilities (CF) CF are important structures that may be vulnerable during a hazardous event Address Facility Type Salmon Street Cedar Street Creighton Street Ladyslipper Drive Moody Point Pump Station Pump Station(s) Bay Road Route 152 Packers Falls Road Briallia Circle Mocki ndrid Lane Power Substation Nichol's Avenue Distribution Substation(s) Great Hill Tower (Folsom Drive) W the Reservoir Water Tower Switching Stations Switching Stations Gerry Avenue R\_nute 152 (Old UPVV) Communication Function Comm uniabn Towers Communication Function 9 Granite Street Newmarket House Bac Mip Repeater Zion Hill Dipath Antennae Great Hill water Tower Other Communications Cell Antennae/Dispatch Service Lamprey River Macain Dan \* Hoh Hazard Dam \* A High Hazard darn has a high hazard potential because it is in a location and of a size that failure or misoperation of the dam would result in probable loss of human life. Vulnerable Transportation Asset Bay Road over Lubberland Creek Culvert (Stream Crossing) Transportation (Town Owned) Ash Swamp Road over Piscassic River Bridge (096/065) Grant Road over Piscassic River Transportation (State Owned) Bridge (098/079) NH152 over Pis<sup>C</sup>assic River T na n so ortation (State Owned) Bridge (06 / 08 9) Transportation (State Owned) Packers Falls Road over Piscassic River Bridge (112/098) NH152 over PanAm Railroad Transportation (State Owned) Bridge (120/089) NH108 over PanAm Railroad Bridge (125/054) Transportation (State Owned)

Bridges have been identified by the NHDOT Bridge Design Bureau; Dams have been identified by the NHDES, Water Division

Transportation (State Owned)

Table 7: Vulnerable Populations to Protect (	VPP)	÷
Vulnerable populations can be defined br	roadly to include those who are not	able to access and use the standard
resources offered in disaster preparedness a	and planning, response, and recovery	
Facility	Type	Address

Facility	Iype	Address
Junior/Senior High School	School	213 South Main Street
Elementary School	School	243 South Main Street
Great Bay Kids	Preschool/Daycare	3 Simons Lane
Community Center	Preschool/Daycare	1 Terrace Drive
Linked Together	Preschool/Daycare	243 South Main Street
Lamprey <sup>H</sup> ealth Care	Medical Facility	207 South Main Street
Great Bay Family Practice	Medical Facility	60 Exeter Road
Great Hill Terrace	Assisted Living	34 Great Hill Terrace

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Bridge (127/097)

NH108 over Lamprey River

Newmarket House	Assisted Living	9 Granite Street
The Pines	Assisted Living	9 Grant Hill
The Willey House	Assisted Living	100 Main Street
Wadleigh Falls House LLC	Assisted Living	Route 152
One Sky Futures: Learning Center	Specialized Care	60 Exeter Road

Table & Water Resources		
Sources of water that may be of potential use	e during emergencies	
Facility	T, v, ræ	Adress
Water Tower	Water Reservoir	Access from Folsom Drive
Groundwater Wells	Water Supply	Sewaii (Route 152) Bennett (Route 152) Wade Farm Schanda Park (Schanda Drive) Moody Point Macintosh Tucker
Additional Surface Waters	Auxiliary Fire Aid	Ash Swamp Road (tributary to Piscassic River) Piscassic Street (Piscassic River) Grant Road (Crow and Eagle Falls) River Street (Lamprey River)
Dry Hydrants	Auxiliary Fire Aid	Hamel Farm Road Schanda Road Gonet Drive Ash Swamp Road Piscassic Street Grant Road
Cisterns	Auxiliary Fire Aid	Hayden Place Cushing Road

# Chapter 4: Vulnerable Structures and Potential Loss

# Critical Facilities/Key Resources and Other Assets

It is important to identify critical facilities and other structures that are most likely to be damaged by hazards. A GISbased analysis was completed to determine, spatially, which critical facilities and key resources (CF/KR) within the town intersected with the FEMA floodplain, identified past and potential flooding areas from previous hazard mitigation updates, or the 6.3ft of sea-level rise with a storm surge. Table 9 lists the 14 CF/KRs located within those areas with a potential loss value estimate of \$4,526,000 at 100%.

CF/KR and Other Assets	Hazard	100% of Structure Value	
Critical Facilitates			
Macallen Dam	FEMA Floodplain	The Dam Bureau at NHDES has looked into assessing values for state-owned dams with marginal success. They considered bond ratings, market value, and construction costs. They also developed a formula that calculated the cubic feet of water impounded as a monetary value. Because dams serve different purposes (recreational, hydro-power), assessed values are hard to estimate and cannot be determined.	
Bay Road culvert crossing	Past Flooding & Potential Sea-Level Rise	Engineering and design costs are already complete, and it is estimated that construction costs for replacement would be an estimated \$350,000.	
Creighton Street Pump Station	Potential Sea-Level Rise	TBD	
Ash Swamp Road over Piscassic River	FEMA Floodplain	\$600,000 (25 × 24 × \$1,000)	
Grant Road over Piscassic River	FEMA Floodplain	\$696,000 (29 x 24 x \$1,000)	
NH152 over Piscassic River	FEMA Floodplain	\$552,000 (23 x 24 x \$1,000)	
Packers Falls over Piscassic River FEMA Floodplain		\$744,000 (31 x 24 x \$1,000)	
NH108 over Lamprey River	FEMA Floodplain	\$1,584,000 (66 x 24 x \$1,000 )	
Water Resources			
Ash Swamp Road-Fire Aid	FEMA Floodplain	N/A	
Grant Road – Fire Aid	FEMA Floodplain	N/A	
Piscassic Street – Fire Aid	FEMA Floodplain	N/A	
River Street – Fire Aid	FEMA Floodplain	N/A	
Dry hydrant on Grant Road FEMA Floodplain		N/A	

### Table 9: Vulnerable Critical Facilities/Key Resources

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CF/KR and Other Assets	Hazard	100% of Structure Value	
Dry hydrant on Piscassic Street	FEMA Floodplain	N/A	
	Total	\$4,526,000	

Note: The approximate assessed value for the bridges was calculated by multiplying \$1,000.00 per square foot of bridge. This estimate was provided by the Bridge Design Bureau at NHDOT and includes all cost (engineering, consulting and in-house design, construction, etc) to build a new bridge.

The GIS analysis completed by Strafford Regional Planning Commission showed that no emergency or nonemergency response facilities fell within the FEMA floodplain, any past identified flooding areas, or the 6.3ft of sealevel rise + a storm surge scenario. The data did reflect significant impacts to the town's transportation infrastructure, specifically bridges – both Town and State owned. It should be noted that due to limitations with the mapping data, it was impossible to determine what the extent of the damage would be at each location; however it is safe to say that these areas are likely vulnerable to flooding under a variety of scenarios.

Other infrastructure included the Macallen Dam, the Greighton Street pump station, the Bay Road culvert, and six fire aids (drafting sites and dry hydrants). Fire aids, like those located along the Piscassic River, are intentionally located in close proximity to waterbodies to allow fire trucks to draft water during an emergency; therefore, they will inherently be vulnerable to flooding issues and do not raise big concerns for the Town.

# **Buildings and Utilities**

It is difficult to ascertain the amount of damage that could be caused by a natural or man-made hazard because the damage will depend on the hazard's extent and severity, making each hazard event somewhat unique. The assumption used here when calculating the damage to property is equal to: 0-1%, 1-5%, or 5-10% of Newmarket's structures, depending on the nature of the hazard, whether or not the hazard is localized, and its economic impact.

The total local assessed value included in this analysis is \$529,183,000 including \$524,486,500 for buildings and \$4,696,500 for utilities. Based on this assumption, the potential loss from any of the identified hazards under a low, medium, and high damage scenario of buildings and utilities would range from \$0 to \$5,291,830 (low) or \$5,291,830 to \$26,459,150 (medium) or \$26,459,150 to \$52,918,300 (high) based on the 2016 Newmarket Town valuation. Table 10 provides more detail on these estimated economic losses.

### Table 10: Economic Loss Data

Local Assessed Valuation				
	Total Assessed Value (2016)	Economic Loss		
		Low 1% Damage	Medium 5% Damage	High 10% Damage
Buildings	A STATE OF STATE			
Residential	\$434,986,100	\$4,349,861.00	\$21,749,305	\$43,498,610
Manufactured Housing	\$7,613,200	\$76,132.00	\$380,660	\$761320
Commercial Industrial	\$81,887,200	\$818,872.00	\$4,094,360	\$8,188,720
Total Buildings	\$524,486,500	\$5,244,865.00	\$26,224,325	\$52,448,650
Utilities				
Public Water	\$285,200	\$2,852	\$14,260	\$ <b>28</b> ,520
Gas	-	-	-	-
Electric	\$4,411,300	\$44,113	\$220,565	\$441,130
Total Utilities	\$4,696,500	\$46,965	\$234,825	\$469,650
Net Valuation Building and Utilities	\$ <b>529,183,00</b> 0	\$5, <b>291,83</b> 0	\$26,459,150	\$52,918,300

Source: NH Department of Revenue Administration, 2016 Annual Report. Assessed value does not include value of land or local exemptions. (https://www.revenue.nh.gov/mun-prop/property/equalization-2016/documents/tbc-alpha.pdf)

Human loss of life was not included in the potential loss estimates, but could be expected to occur, depending on the severity and type of the hazard.
# Chapter 5: National Flood Insurance Program (NFIP)

The Office of Strategic Initiatives, (OSI) administers the National Flood Insurance Program (NFIP) in New Hampshire. The NFIP is a partnership between a community and the federal government. Communities participate by agreeing to adopt and enforce a floodplain management ordinance designed to reduce future flood risks and in return all residents in those participating communities (whether in floodplain or not) can purchase flood insurance. Currently 217 communities (92 percent) that participate in the NFIP have adopted at least the minimum standards of the NFIP.

Through FEMA's Community Assistance Program, OSI provides technical assistance to communities and the public on floodplain management and helps to promote sound land use planning techniques that will reduce flood losses. OSI conducts Community Assistance Visits to ensure that communities participating in the NFIP are meeting program goals.

# Newmarket's National Flood Insurance Program Status

According to FEMA's Community Status Book Report, Newmarket has been a member of the National Flood Insurance Program (NFIP) since May 2, 1991. The Town does have significant portions of land in the 100-year floodplain; along Folletts Brook, Lubberland Creek, Piscassic River, and portions of major tributaries stemming from the Lamprey River. According to a previous GIS analysis, the Town has an estimated 326 parcels with structures that fall within the floodplain; however, this analysis was completed prior to the delineation of the new FEMA flood maps (not yet adopted) and may no longer be accurate.

FEMA issued revised preliminary map panels in Exeter and Seabrook Beach in 2016 and recently opened up the 90day appeal period at the end of October 2018 for those revised preliminary map panels in those two towns. The other towns in the coastal mapping project area will continue to be on hold. Following the closing of the appeal period, which ends 1/16/18, FEMA will address any comments or appeals submitted during this period. The coastal mapping project will then proceed forward.

The next step would be the issuance of a Letter of Final Determination (LFD), which is a letter sent by FEMA to all communities in the project area stating when the preliminary maps will become effective, which is six months from the date of this LFD letter. Therefore, it is currently estimated that the maps will become effective for all communities in Rockingham County Coastal Project area around fall 2018.

Section 32-158 of the Town's Zoning Ordinance (as revised June 21, 2017) outlines the Town's floodplain development regulations. The purposes of the floodplain protection overlay district are to: protect floodplains from development and construction activities which would aggravate flooding; prevent development in locations which would place occupants at risk or which would likely require rescue of occupants by emergency services personnel during floods; protect the floodplains for use as habitat and for the aesthetic qualities; and ensure town compliance with the National Flood Insurance Program. The regulations shall apply to all lands designated as areas of special flood hazard by FEMA in its "Flood Insurance Study for the County of Rockingham, N.H." dated May 17, 2005,

According to information from the FEMA Community Overview (as of 5/31/2017) provided by NH OSI Assistant Planner Kellie Shamel, Newmarket has 162 total policies (33 single family homes, 14 multi-family homes, 113 other residential structures, and 2 non-residential homes) in the floodplain hazard area. There have been 30 paid loss claims totaling \$838,500 with four repetitive loss<sup>3</sup> claims totaling \$392,171.58. The four repetitive losses are all residential structures, including two apartment buildings, and two multi-family dwellings. Two of the repetitive loss properties have flood insurance; two do not have insurance. Of the 162 total policies, 114 are standard and preferred risk policies and are not required. Standard and preferred risk offers policies for buildings that are located in moderate-to-low risk areas (B, C, and X Zones).

Zone	Policies in Force	Premium	Insurance in Force	Number Of Closed Paid Loses	Amount of closed Paid Loses	Repetitive LOses
AE ZOnes	45	\$16,082	\$9,751,800	9	\$240,057.75	1
A Zones	3	\$6,923	\$728,700	1	\$1,032.09	0
B,C & X Zone						
Standard	80	\$28,030	\$20,511,600	12	\$519,845.77	1
Preferred	34	\$10,266	\$6,571,000	8	\$77,566.97	0
Total	162	\$61,301	\$37,563,100	30	\$838,500.00	2

Table 11: Newmarket's Insurance Zone Policies

In order to remain NFIP compliant, Newmarket has implemented a number of actions, including:

- The Town purchased and provided NFIP brochures to existing residents and new homeowners located in the flood zones. Brochures are available at Town Hall.
- .. In 2009, a FEMA Community Assistance Visit (CAV) was completed (the previous CAV was in April 10, 2001). The results did not find any major problems with the existing floodplain management regulations. The report provided the following recommendations: the Town's Zoning Ordinance lacked several definitions and required a few additional amendments; the Town's Subdivision and Site Plan Review Regulations should be reviewed and revised as needed; and consider filing copies of any letter of map change (LOMCs) in both the tax records and land use records to make this information more readily accessible. The Town is currently waiting for the new FEMA maps to be adopted before making additional changes to their ordinance.
- In 2013, Strafford Regional Planning Commission (SRPC) assisted the Town of Newmarket in preparing an update of the Town's Vision Chapter of the Master Plan. The process was prepared collaboratively by SRPC and a designated Master Plan subcommittee. SRPC organized and facilitated two visioning forums to solicit comments and ideas from residents for addressing current issues and challenges pertaining to various aspects of the community. The community was asked to consider the integration of climate adaptation measures into municipal programs, polices, and operations to reduce community risk and vulnerability.

<sup>&</sup>lt;sup>3</sup> Repetitive losses are defined as residential property that is covered under an NFIP flood insurance policy and that has had at least four NFIP claim payments over \$5,000 each, and the cumulative amount of such claims payments exceeds \$20,000; as well as at least two separate claims payments that have been made with the cumulative amount of the building portion of such daims exceeding the market value of the building. At least two of the claims must have occurred within any ten-year period, and must be greater than 10 days apart.

- Throughout 2015 and 2016, the Nature Conservancy implemented Phase I of the Lubberland Creek Culvert Restoration Project. The culvert replacement will 1) restore aquatic connectivity, 2) enhance the resilience of the Lubberland Creek salt marsh and allow upstream salt marsh migration as sea levels continue to rise, and 3) remediate the flood hazard of the road-stream crossing which overtops during major flood events.
- In 2016, Newmarket, in partnership with the Horsely Witten Group, participated in a resiliency to flooding and climate change project in the Moonlight Brook watershed. This project was a two part effort to: 1) study flood risk associated with climate change as well as how future development and build out of the community affect these risks, and 2) design robust green infrastructure practices within the Moonlight Brook watershed to help reduce risk of flooding while reducing pollutant load into the Brook and further downstream into the Lamprey River and ultimately Great Bay.



Exeter Street Flooding [Photo credit: Rob Roseen)

- In 2016, the Town worked with the NHDES Coastal Program and the Nature Conservancy to complete all design and engineering for a culvert replacement at the Bay Road crossing of Lubberland Creek. This project is intended to restore fish passage, improve salt marsh migration resiliency, and remediate flood risks.
- ... In 2017, Newmarket was one of ten communities to complete a Vulnerability assessment report as part of the Climate Risk in the Seacoast (C-RiSe) project. Using the latest sea-level rise projections, this report identified key assets and resources that may be affected from flooding by one or more of the sea-level rise and/or coastal storm surge scenarios. Assets included, but are not limited to: state and municipal infrastructure, municipal facilities, transportation routes and roadways, and natural resources. As part of this vulnerability assessment, UNH researchers conducted a detailed analysis of culvert flow capacity, function, and fish passage based on current and projected increases in precipitation.
- In 2017, the Town is in the midst of implementing a large stormwater project on New Road. The intent is to re-direct some of the stormwater flow from downtown and the "bowl" area on Route 108 to New Road to alleviate flooding in the area. The project scope is from New Road and the intersection of Route 108 down New Road about 2,200 feet to Great CoVe Road and to plan a gravel wetland at the intersection of Young Drive and then install a drainage line down Young Drive (800 feet) to a new outfall out to the river on property owned by the Town. The Town recently acquired an easement at the corner of Central, Young Lane, and New Road for the gravel wetland. The road drainage is an underground drainage pipe system.
- ... The Town is improving the infiltration and drainage at the Middle/High School, as well as implementing best management practices with the hope that these efforts become part of an education program for students.

# Chapter 6: Hazards & Mitigation Strategies

# Overview

This section describes the location and extent of hazards that could impact the Town of Newmarket, presents past hazard events in the Town or elsewhere in New Hampshire, and discusses their rank order placement. The Multi-Hazard Mitigation Planning Committee investigated past and potential hazards using a variety of sources and techniques, including but not necessarily limited to interviewing Town historians and other citizens; researching historical records archived at the Town Library; scanning old newspapers; reading published Town histories; consulting various hazard experts; and extracting data from the NH Hazard Mitigation Plan and other state and federal databases. Past and potential hazards were mapped where spatial data was available.

# Rating Probability, Severity, and Overall Risk of Future Disasters

The nature of each hazard type and the quality and availability of corresponding data made the evaluation of hazard potential difficult. The Multi-Hazard Planning Committee considered what data was at hand and used its collective experience to formulate statements of impact or potential. Each hazard type was rated using a hazard vulnerability assessment tool (refer to Table 12).

This tool estimates the probability of occurrence, severity, and overall risk of an event using a projected number system answering questions, which answer High (3), Moderate (2), and Low (1). A zero (0) score meant that there is no likelihood the hazard would impact the Town in the next 25 years. The ranges established for the average to determine severity were:

- :. High= >3
- : Moderate= 2
- Low = 1 or below

The overall risk is a numeric indication developed by multiplying the total numbers of the probability and the severity.

### Probability of Occurrence

Probability is based on a limited objective appraisal of a hazard's probability using information provided by relevant sources, observations and trends. The Planning Committee discussed and rated probability of each hazard.

- High: There is a very strong likelihood (67-100% chance) that Newmarket will experience a hazardous event within the next 25 years. Score = 3
- Moderate: There is moderate likelihood (34-66% chance) that Newmarket will experience a hazardous event within the next 25 years. Score = 2
- .: Low: There is little likelihood (0-33% chance) that Newmarket will experience a hazardous event within the next 25 years. Score = 1

#### Severity

Severity is an estimate generally based on a hazard's impact human, property and business. The Planning Committee discussed the severity of each hazard. The severity was calculated by the average of human, property and business.

- High: The total population, property, commerce, infrastructure and services of the Town are uniformly exposed to the effects of a hazard of potentially great magnitude. In a worst case scenario there could be a disaster of major to catastrophic proportions. Score = 3
- Moderate: The total population, property, commerce, infrastructure and services of the Town are exposed to the effects of a hazard of moderate influence; or the total population, property, commerce, infrastructure and services of the community is exposed to the effects of a hazard, but not all to the same degree; or an important segment of population, property, commerce, infrastructure or service is exposed to the effects of a hazard. In a worst case scenario there could be a disaster of moderate to major, though not catastrophic, proportions. Score = 2
- ... Low: A limited area or segment of population, property, commerce, infrastructure or service is exposed to the effects of a hazard. In a worst case scenario there could be a disaster of minor to moderate proportions. Score= 1

#### Overall Risk

The risk number is one, which can help Newmarket weigh the hazards against one another to determine which hazard is most detrimental. This is calculated by multiplying the Probability of Occurrence score by the average of the Severity score (human, property, and business impacts).

- High: There is a great risk of this hazard in Newmarket. Score = 7 or greater
- :. Moderate: There is moderate risk of this hazard in Newmarket. Score = 4-6
- $\therefore$  Low. There is little risk of this hazard in Newmarket. Score = 0-3

# Hazards Ratings in Newmarket, NH

The Committee determined that the hazards are distributed as follows:

- : <u>2</u> hazards rated as having a <u>High</u> overall risk in Newmarket: flooding (riverine/extreme rain event) and drought
- : <u>4</u> hazards rated as having a <u>Moderate</u> overall risk in Newmarket: sever winter storms, hurricane and tropical storms, cyber-attacks, and flooding (dam failure)
- \* <u>8</u> hazards rated as having a <u>Low</u> overall risk in Newmarke<sup>t</sup>: hazardous materials, public health threats, severe thunderstorms, tornado and downbursts, extreme temperatures, earthquake and landslide, wildfire, and coastal flooding.

Table 12 is the Town's vulnerability assessment tool, which provides more information on the multi-hazard threat analysis that was completed during a brainstorming session with the Planning Committee.

# Hazard Vulnerability Table

Table 12: Hazard Vulnerabilit	y Assessment Tool – Town of Newmarket
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IMpact Rankings 0 N/a 1-Low 2-Moderate 3-High	Human Impact Probability of death or injury	Property Impact Physical losses and damages	Business Impact Interruption of service	Severity Average of human, property, and business impacts	P Liki will
Hazard Event					
Flooding (Riverine/Extreme Rain Event)	2	3	3	2.7	
Drought	1	3	3	2.3	
Severe Winter Storms	1	2	3	2.0	
Hurricane & Tropical Storms	1	2	2	1.7	
Cyber-attacks	1	3	3	2.3	
Flooding (Dam Failure)	2	2	2	2.0	
Hazardous Materials	1	3	1	17	
Public Health Threats	2	1	1	1.3	
Severe Thunderstorms	1	1	1	1.0	
Tornado & Downburst	1	1	1	1.0	
Extreme Temperatures	1	1	1	1.0	
Earthquake & Landslide	1	1	1	1.0	
Wildfire	1	1	1	1.0	
Coastal Flooding (Storm surge and sea-level rise)	1	1	1	1.0	

# Declared Disasters and Emergency Declarations

Date Declared	Event	Date of Event	Source	Program	Amount (Statewide)	
September 9, 1991	Hurricane Bob	August 18-20, 1991	FEMA 917-DR	PA	\$2,293,449	Sever: knock
Octobe <b>r</b> 29, 1996	Severe Storms & Flooding	Oct 20-23, 1996	FEMA 1144-DR	PA	\$2,341,273	Heavy 48-ho Moon bo <sup>r</sup> de
January 15, 1998	Ice Storm	January 7-35, <b>19</b> 98	fema 1199 <b>-d</b> r	PA/IA	\$12,446,202	Major interru closec
May <b>2</b> 5, 2 <b>00</b> 6	Severe Storm & Flooding	May 12-23, 2006	FEMA 1643-DR	PA/IA	\$ <b>17,691</b> ,586	Severe road c
April 27, 2007	Severe Storm & Flooding	April 15-23, 2007	FEMA 1695-DR	PA/IA	\$ <b>2</b> 6,826,780	Severe road c
August <b>1</b> 1, 2008	Seve <sup>r</sup> e Storms, Tornado, & Flooding	July 24, 2008	FEMA 1782-DR	PA	\$3,673, <b>09</b> 7	Severe
Janua <sup>r</sup> y 2, 2009	Severe Winter Storm	December 11-23, 2008	FEMA 1812-DR	DFA/PA	\$14,898,663	Carbo six day t <sup>r</sup> ees c
March 29, 2010	Seve <sup>r</sup> e Winter Storm	Feb <sup>r</sup> uary 23- March 3, 2010	FEMA 1892-DR	PA	\$6,841,093	Severe no ma

Table 13: Presidentially Declared Disasters (DR) 1990-August 2017 impacting the Town of Newmarket

Date Declared	Event	Date of Event	Source	Program	Amount (Statewide)	
September 3, 2011	Tropical Storm Irene	August 26 – Sept 6, 2011	FEMA 4026-DR	PA	\$17,684,244	Minor Schoc
March 19, 2013	Severe Snow and Blizzard	February 9-11, 2013	FEMA 4105-DR	PA	\$6,153,471	Line o snow Carpe
March 25, 2015	Severe Snow & Snowstorm	January 26-29, 2015	FEMA 4209-DR	PA	\$4,939,214	Line o snow Carpe
August 9, 2017	Severe Storms and Flooding	July 1-2, 2017	FEMA 4329-DR	PA	\$6,218,291	There
	Drogram	12 declara	ations totaling appro	oximately \$12	2,007,363	ral Acciet
	Program	Key: PA: Public Assis	tance, IA: Individual	Assistance, [	DFA: Direct Fede	ral Assist

Date Declared	Event	Date of Event	Source	Program	Amount (Statewide)	
Ma <b>r</b> ch 16, 1993	Heavy Snow	March 13-17, 1993	FEMA 3101-EM	PA	\$832,3 <b>9</b> 6	Snow
March 28, 2001	Snow Emergency	Ma <sup>r</sup> ch 5-7, 2001	fema 3166-em	PA	\$3,433,252	Snow
March 11, 2003	Snow Emergency	February 17-18, 2003	fema 3177-em	ΡΑ	\$2,288,671	Snow
March 30, 2005	SnoW Emergency	January 22-23, 2005	fema 3207-em	PA	\$3,611,491	Snow
December 13, 2008	Severe Winter Storm	December 11-23, 2008	Fema 3297-em	DFA/PA	\$900,000	Winte
November 1, 2011	Severe Winter Storm	October 29-30, 2011	FEMA 3344-EM	PA	Data not available	Minor debris
Octobe <sup>r</sup> 30, 2012	Hurricane Sandy	October 26-31, 2012	FEMA 3360-EM	PA	\$643,660	The er opene impac
		7 emergency d	eclarations totaling	approximate	ly \$11,709,470	
		Program Key: PA:	Public Assistance, I	DFA: Direct F	ederal Assistance	e

Table 14: Emergency Declaration (EM) 1990-August 2017 impacting the Town of Newmarket

# Flooding

Overview	
Hazard Type	Flooding
Location/Extent	Lamprey River and the Piscassic River. The Lubberland Creek, Follett Brook and Tuttle Swamp area, as well as along the tributaries to the Great Bay have extensive floodplain areas.
Vulnerability	
Severity	2.7
Probability	3
Overall Threat	8.0 (high)

### Description of the Hazard

Riverine flooding is the most common natural disaster to impact New Hampshire. Riverine flooding occurs when surface water runoff introduced into streams and rivers exceeds the capacity of the natural or constructed channels to accommodate the flow. As a result, water overflows the river banks and spills out into adjacent low lying areas.<sup>4</sup> Floods are most likely to occur in the spring due to the increase in rainfall and the melting of snow; however, floods can occur at any time of the year because of heavy rains, hurricane, or a Nor'easter.

New Hampshire's climate ranges from moderate coastal to severe continental, with annual precipitation ranging from about 35 inches in the Connecticut and Merrimack River valleys, to about 90 inches on top of Mount Washington. LoCalized street flooding occasionally results from severe thundershowers, or over larger areas, from more general rain such as tropiCal cyclones and coastal "nor'easters." More general and disastrous floods are rare, but some Occur in the spring from large rainfall quantities combined with warm, humid Winds that rapidly

#### The"100-year flood" Term:

The"100-year flood"Is a term often used to describe a flood that has a 1% chance of occurring in any year. But the phrase is misleading, and often causes people to believe these floods happen every 100 years on average. The truth is, these floods can happen quille close together, or not for long stretches of time, but the risk of such a flood remains constant from year to year. The 100-year-flood term was originated to deline ate areas on a map to determine what properties are subject to the National Flood insurance Program. Properties within the 100-year-floodplain, as defined by the Federal Emergency Management Agency, have special requirements and mostgage holders will require owners to carry flood insurance on these properties.

[Source: The Nurture Nature Center: Focus on Floods]

release water from the snowpack. Causes of flooding that could potentially affect Newmarket include:

- 100-year rainstorm event
- : Severe tropical storm (hurricane or tropical storm) that can bring torrential rainfall in excess of that from a 500-year storm.
- Rapid snow pack melt in spring can be a significant potential flooding source, given the northern, relatively cold location and climate of Newmarket
- River ice jams, which could occur, although the Army Corps of Engineers Ice Jam Database contains no record of ice jams in Newmarket. The Planning Committee confirmed there have been no records of any ice jams in any of the major rivers in toWn.
- :. Dam breach or failure.

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<sup>&</sup>lt;sup>4</sup> FEMA Training Chapter 2 Types of Floods and Floodplains (https://training.fema.gov/hiedu/docs/fmc/chapter%202%20-%20types%20of%20floods%20and%20floodplains.pdf)

## Extent of the Hazard

Flooding can occur in any area of the Town but is more likely to occur within the 100-year floodplain, downstream of dams, along river and stream banks, near wetlands and road crossings, and other low-lying areas. Newmarket has approximately 24.0% (2,183.4 acres) of its area in 100-yr. floodplain (see Map 5). It should be noted that this estimation is likely overstated due to the fact that the FEMA floodplain contains open water. If the tidal portions along the Lamprey River and Great Bay were removed the approximate acreage may be more accurately depicted as 12.6% (1,144.1 acres).

Based on extent of the floodplain, the Town has flooding potential along the Lamprey River and the Piscassic River. The Lubberland Creek, Follett Brook and Tuttle Swamp area, as well as along the tributaries to the Great Bay, also have a fairly expansive floodplain area.

Although flooding of the full extent of this floodplain by definition would require a 100year storm, smaller storms with a higher annual probability of occurrence could still flood significant portions of that floodplain. Structures that could be impacted by a 100-year storm could also be affected by smaller, more frequent flooding. There are a large number of structures within this floodplain. It is likely that the 100-year floodplain will change in area when flood maps are continually updated to reflect changes in development patterns and better mapping technology and current precipitation data.



Flooding on the Lamprey River south of the dam, 2006

According to the C-RiSe assessment report, the inland coastal portion of Newmarket that is most susceptible to coastal flooding are those areas located south of the Macallen Dam on the west side of the Lamprey River near the downtown, low-lying areas around Lubberland Creek, and low-lying land south of the Lamprey River along Great Bay.

## Past Events and Impacts

Although the storm could not be classified, a 1936 event was described at the time as causing "the greatest damage in New Hampshire's history" (Fahey 1936). Two other consequential flooding events took place in 2006 and 2007, both of which were considered 100-year events.

#### May 2006 Mother's Day Flood Event

From May 11-15 2006, central and southern New Hampshire experienced severe flooding caused by as much as 14 inches of rainfall. In addition to the precipitation volume being exceptional, the month of May 2006 was the second wettest May in New Hampshire on record (based on NOAA data). The U.S. Geologic Survey Lamprey River gauging station located near Packers Falls Road Bridge measured the highest flow ever recorded of approximately 8,970 cubic feet per second (CFS) on May 16. This flood level was estimated to be a flood event with a recurrence interval between 100 and 500 years. The Piscassic River rose to a level that exceeded its normal drainage basin, entered Moonlight Brook, and was impounded behind the PanAm culvert at intersection of Gerry Avenue and Exeter Street. The earthen embankment at the railroad arch culvert subsequently failed and storm flows flooded Route 108, in the "Exeter Street Bowl." During this flood event, floodwaters in Exeter Street were approximately four feet deep, vehicles were submerged, oil tanks and dumpsters displaced and silt from eroded roadways and foundations was discharged into the Lamprey River. As a result of the flood damage, a presidential disaster declaration was made on May 25, 2006 for seven New Hampshire counties, including Rockingham County.

#### Patriot's Day 2007 Flood Event

On April 15 and 16, 2007 nearly seven inches of rain fell in NewMarket. The U.S. Geologic Survey Lamprey River gauging station located near the Packers Falls Road Bridge measured a peak flow of approximately 8.450 cubic feet per second on April 18, 2007, the second highest flow. This flood level was estimated to have a recurrence interval of just below 100 years. Normal flows for this date would be 654 cubic feet per second. While there was flooding in the "Exeter Street Bow!" again, the damage was not as severe as occurred with the 2006 flood. Flooding in the New Road area extending to Exeter Street was significant necessitating temporary road closures.

Both floods resulted in significant damage to public and personal property in Newmarket. Roads were impassable for days and severely damaged, and residential areas were evacuated due to high water levels and inundation of homes by floodwaters.

The Planning Committee identified three additional flooding events of consequence, including February 2010, October 2016, and the spring of 1996. The February storm impacted parts of Route 152. The October storm impacted parts of Route 108 and Gerry Ave; however, the issues at Gerry Ave were attributed to beaver damage in a local manhole that backed up water from Moonlight Brook and has not happened since. The Committee could not recall the specifics of this storm other than it caused damage in the "bowl" area on Exeter Street. According to the Flood Insurance Study for Rockingham County (2014), this event had a recurrence interval of approximately 100 years and recorded a peak discharge of 3,060 cubic feet per second (cfs) on parts of the Exeter River in Brentwood.



<sup>2018</sup> Multi-Hazard Mitigation Plan | Town of Newmarket, NH

#### Dam Failure

Dam failures are comparatively rare, but can cause immense damage and loss of life when they occur. Primary causes of dam failure include: sub-standard construction, design errors, lack of maintenance, and geological instability (earthquakes). According to the NHDES 2015 database, there are a total of 7 active dams (there are an additional 11 dams that are classified as ruins, removed, breached, not built, pending, or exempt). There is one high hazard dam (Macallen Dam). There are six non-menacing dams (Piscassic River Dam, Miller Dam, Recreation Pond Dam, Fire Pond Dam, Conservation Pond Dam, and Wildlife Pond Dam). There have been no past occurrences of dam failure in Newmarket, and given that the only high hazard dam is currently being rehabbed and state inspection schedules – the probability of future failure is relative low.



Map 6: Dam Inundation Zones (Source: NHDES, 2015)

The Strafford Regional Planning Commission did not have any delineated dam inundation zone data available for the Town of Newmarket. The NHDES Dam Bureau may have additional GIS data. A more comprehensive list of dams, their associated classifications, and inspection schedules in Newmarket are located in Table 15.

Dam Classification	Classification Definition	Number of Dams in Newmarket	Inspection Interval (Years)
High	Dam that has a high hazard potential because it is in a location and of a size that failure or misoperation of the dam would result in probable loss of human life.	1	2
Significant	Dam that has a significant hazard potential because it is in a location and of a size that failure or misoperation of the dam would result in no probable loss of lives but major economic loss to structures or property.	0	4
Low	Dam that has a low hazard potential because it is in a location and of a size that failure or misoperation of the dam would result in no possible loss of life and low economic loss to structures/property	0	6
Non-Menace	Dam that is not a menace because it is in a location and of a size that failure of misoperation of the dam would not result in probable loss of life or loss to property.	6	6

#### Table 15: Active Dams in Newmarket

#### Coastal Flooding and Sea-Level Rise

According to the C-RiSe vulnerability assessment, Newmarket can expect to see impacts from sea-level rise in several areas of town. The regions of the town that are most susceptible to coastal flooding are those located south of the Macallen Dam on the west side of the Lamprey River near the downtown, low-lying areas around Lubberland Creek, and low-lying land south of the Lamprey River along Great Bay. In addition, small sections of 10 different roads in the Town are vulnerable to low, moderate, and high sea-level rise scenarios (with and without storm surge).



Map 7: Future Sea-Level Rise + Storm Surge Scenarios

Key findings for Newmarket are based on evaluation of the 1.7 feet (intermediate-low), 4.0 feet (intermediate), and 6.3 feet (highest) sea-level rise projections at the year 2100 and these sea-level rise projections with the 100-year storm surge. Map 7 provides the spatial extend of the three different sea-level rise scenarios.

### Potential Future Impacts on the Community

Overall, flooding potential in Newmarket is high and flood conditions will continue to affect the Town. Both seasonal flooding and flooding due to extreme weather events have the potential to occur during all seasons. Future sea-level rise may impact certain low-lying, tidal areas.

#### Estimated Potential Losses

Based on the high hazard ranking and assessed value of residential, commercial, and utilities structures, there is approximately \$52,918,300 in estimated potential losses from flooding.

# Hurricane and Tropical Storms

Overview	
Hazard Type	Hurricane and Tropical Storms
Location/Extent	Town-wide
Severity	1.7
Probability	3
Overall Threat	5.0 (moderate)

## Description of the Hazard

A hurricane is the term used for tropical cyclones that occur in the Northern Hemisphere east of the International Dateline to the Greenwich Meridian. Tropical cyclones originate over tropical or subtropical waters and are characterized by organized deep convection and a closed surface wind circulation about a well-defined center. These events are called typhoons if they occur west of the International Dateline. Hurricane season in the Atlantic runs from June 1 to November 30.

According to the State Hazard Mitigation Plan (2013) tropical cyclones with maximum sustained winds of less than 39 mph are called tropical depressions. Once the tropical cyclone reaches winds of at least 39 mph, they are typically called a tropical storm and assigned a name. If the winds reach 74 mph or greater, they are upgraded and called a hurricane.

## Extent of the Hazard

Hurricanes May impact all areas of the Town. The Saffir-Simpson Hurricane Wind Scale is a 1 to 5 rating system based on a hurricane's sustained Wind speed. This scale estimates potential property damage. Hurricanes reaching Category 3 and higher are considered major hurricanes because of their potential for significant loss of life and damage. Category 1 and 2 storms are still dangerous, however, and require preventative measures.

Scale Number (Category)	Sustained Winds(MPH)	Damage	Storm Surge
1	74-95	Minimal: Unanchored mobile homes, vegetation and signs.	4-5 feet
2	96-110	Moderate: All mobile homes, roofs, small crafts, flooding.	G-8 feet
3	111-130	Extensive: Small build- ings, low-lying roads cut off.	9-12 feet
4	131-155	Extreme: Rools destroyed, trees down, roads cut oll, mobile homes destroyed. Beach homes flooded.	13-18 feet
5	More than 155	Catastrophic: Most buildings destroyed. Vegetation destroyed. Major roads cut off. Homes Rooded.	Greater than 18 feet

## Past Impacts and Events

These severe tropical storms may occur anytime from early spring to late fall, and in general are less common than other storms, e.g. nor'easters. As wind events, historically hurricanes have caused damage in Newmarket, most notably in 1938 and 1954 (Hurricane Carol).

The NOAA National Climatic Data Center's Storm Events database (NCDC 2017) does not list any Hurricanes as directly affecting Rockingham County from January 1, 2007 to August 31, 2017; however, Rockingham County did experience impacts from Hurricane Sandy. Hurricane Sandy was the last hurricane to hit the region during the period of October 26 to November 8, 2012. Local impacts included periods of heavy rain and short-term power outages. The database does report one tropical storm event, which is detailed as follows:

Tropical Storm Irene (August 28, 2011) - brought a prolonged period of strong and gusty winds and heavy rain to the state. The high winds snapped or uprooted numerous trees throughout the state causing more than 160,000 customers to lose electrical and/or communication services. The heavy rains caused rivers and streams throughout the state to flood causing damage to bridges, roads, and property. The strongest winds across the state began Sunday morning in southern areas and spread northward during the day. Winds continued to be gusty overnight as the storm moved away from the area. Observed maximum wind gusts included 63 mph at Portsmouth, 52 mph at Concord, and 51 mph at Manchester. On the top of Mt. Washington, winds gusted to 104 mph as the storm approached and 120 mph as it moved away. The combination of wet soil and the prolonged

period of strong and gusty winds brought down numerous trees throughout the state. One person was killed and three people were injured across the state due to falling trees or branches. Rainfall amounts across the state ranged from 1.5 to 3 inches across southeastern New Hampshire. Local impacts included periods of heavy rain, downed branches, and short-term power outages.

## Potential Future Impacts on Community

Based on historical data and statistical predictors, the Atlantic Basin averages approximately 12 total named storms per year. Six of those storms will become hurricanes with three becoming a category three or higher. With variability in sea-level pressure and sea-surface temperatures in the Atlantic Ocean, it is difficult to predict with certainty the number of storms in any given year. It is even more difficult to determine which of those storms will make landfall. Because Newmarket is located in closer proximity to the New Hampshire coast, wind speeds may still hold their coastal strength; however, significant impacts would be dependent on the exact track of these concentrated storms.

Newmarket remains vulnerable to hurricane hazards, including: high winds, heavy rainfall, and inland flooding; therefore the recurrence potential of hurricane and tropical storm hazards is moderate. Given that the 2017 Atlantic hurricane season was hyperactive, which featured 17 named storms (tying it with 1936 as the fifth-most active season since reliable records began in 1851) and three that were major hurricanes (Harvey, Irma, and Maria), it is likely that the region will be impacted by a significant storm of tropical origin within the foreseeable future.

## Estimated Loss Potential

Based on the moderate hazard ranking and assessed Value of residential, commercial, and utilities structures, there is approximately \$26,459,150 in estimated potential losses from impacts associated from hurricanes and tropical storms.

Overview	
Hazard Type	Tornado & Downburst
Location/Extent	Town-wide – dependent upon tornado track
- AND A CARD	
Severity	1.0
Probability	1
Overall Threat	1.0 (low)

# Tornado & Downburst

# Description of the Hazard

A tornado is a violent windstorm characterized by a twisting, funnel shaped cloud with winds in excess of 200 mph, often accompanied by violent lightening, peripheral high winds, severe hail, and severe rain. Tornadoes develop when cool air overrides a layer of warm air, causing the warm air to rise rapidly. The atmospheric conditions required for the formation of a tornado include great thermal instability, high humidity, and the convergence of warm, moist air at low levels with cooler, drier air aloft. Most tornadoes remain suspended in the atmosphere, but if they touch down they become a force of destruction.

Tornadoes produce the most violent winds on earth, at speeds of 280 mph or more. In addition, tornadoes can travel at a forward speed of up to 70 mph. Damage paths can be in excess of one mile wide and 50 miles long. Violent winds and debris slamming into buildings cause the most structural damage. A tornado is usually accompanied by thunder, lightning, heavy rain, and a loud "freight train" noise. In comparison to a hurricane, a tornado covers a much smaller area but can be more violent and destructive.

A downburst is a severe localized wind blasting down from a thunderstorm. These "straight line" winds are distinguishable from tornadic activity by the pattern of destruction and debris. Downbursts fall into two categories: microburst, which covers an area less than 2.5 miles in diameter and macroburst, which covers an area at least 2.5 miles in diameter.

### Extent of the Hazard

The Enhanced Fujita Scale is the standard scale for rating the severity of a tornado as measured by the damage it causes. The scale measures wind speeds of 65 to greater than 200 miles per hour. The damage path of a tornado can be in excess of one mile wide and 50 miles long, whereas a downburst is typically less than 2.5 miles. Downbursts can have wind speeds of 150 miles per hour.

Enhanced Fujita Scale		
EF-0	65-85 mph winds	
EF-1	86-110 mph	
EF-2	111-135 mph	
EF-3	136–165 mph	
EF-4	166-200 mph	
81.8	>200 mph	

## Past Impacts and Events

Tornadoes are rare in New Hampshire. The NCDC Storm Events database (NCDC 2017) lists only 10 tornadoes that have impacted Rockingham County since 1950. Two were an EF-0 event (65-85 mph); two were an EF1 event (73-112 mph); five were EF2 events (111-135 mph); and one was an F3 event (136-165 mph). Over the course of the past six decades, there has been one fatality, 11 injuries, and approximately \$1.2 million in property damages associated with tornados. The majority of property damage Was sustained during an event that took place in 2008, which was the most recent touchdown. There have been no direct impacts in Newmarket.

#### Table 16: Tornado Data for Rockingham County

Date	Magnitude	Death	Injuries	Property Damages
08/21/1951	F2	0	0	2,500
06/09/1953	F3	0	5	25,000
07/31/1954	F1	0	0	25,000
06/19/1957	F2	0	1	25,000
07/02/1961	F2	0	1	250,000
07/26/1966	F1	0	0	2,500
10/03/1970	FO	0	0	25,000
06/09/1978	FO	0	0	250
05/21/2006	F2	0	2	3,000
07/24/2008	F2	1	2	840,000
017 = 172000	TOTAL	1	11	1,198,000

Between 1991 and 2010, the average annual number of tornadoes in New Hampshire was one.<sup>5</sup> Though the frequency of tornado events in New Hampshire is not great, the state has experienced large tornados throughout its history. An early example is the tornado that stuck the state in September 1821. This tornado was reported to have tracked from the Connecticut River, near Cornish, and terminating near Boscawen. When the skies cleared, 6 people were dead, hundreds injured and thousands homeless.

In 1998 an F2 tornado in Antrim, N.H. blew down a 45-foot by 12-foot section of the Great Brook Middle School. Witnesses reported seeing a funnel cloud, and the weather service, after an inspection, confirmed it was a tornado. According to the June 2, 1998 edition of the Eagle Tribune, John Jensenius from the National Weather Service in Gray, Maine estimated that the twister cut a path half a mile long, up to 100 yards wide, and was on the ground for several minutes.

In July 2008, an F2 tornado and high winds created a path of destruction through five New Hampshire counties that destroyed homes, displaced families, downed trees and forest lands and closed major state roadways. The impact to residents was extensive, with over 100 homes rendered uninhabitable. Phone and electric service was cut off to over 12,500 customers. One fatality is attributed to a building collapse, and local hospitals reported numerous physical injuries associated with this severe storm.<sup>6</sup> Since the July 2008 tornado, the NCDC Storm Events database reports that nine tornados have hit New Hampshire; however, none have hit Rockingham County. The most recent event occurred in July 2016 in Pittsburg.

Downburst activity is very prevalent throughout the State. However, the majority downburst activity is mostly unrecognized unless a large amount of damage has occurred. Several of the more significant and recent events are highlighted below:

- :: <u>Central, NH July 6, 1999</u> Damages: Two roofs blown off structures, downed trees, widespread power outages, and damaged utility poles and wires; two fatalities.
- Stratham, NH August 18, 1991 Damages: \$2,498,974 worth of damages; five fatalities.
- Moultonborough, NH July 26, 1994 Damages: Downed trees, utility poles and wires. Approximately 1,800 homes without power and 50-60 homes damages.
- Bow, NH September, 6, 2011 Damages: City Auto in Bow had 15 campers damaged and estimated \$200,000 in damage.

The Town has experienced multiple downburst activity. In 1984, there was a microburst that tore through the mobile home park on Bay Road and destroyed 8 homes. It also took parts of the roof off the library and the Mill building.

In October, 2017 a wind storm that was accompanied with heavy rain produced sustained winds of 60 mph that resulted in wide-spread power outages caused by downed trees and power lines. Approximately 67% of the Town was without power and the Halloween trick-or-treating eVent was postponed.

<sup>&</sup>lt;sup>5</sup> NOAA. U.S. Tornado Climatology (https://www.ncdc.noaa.gov/climate-information/extreme-events/us-tornado-climatology)

<sup>&</sup>lt;sup>6</sup> New Hampshire Department of Safety. State of NH Natural Hazard Mitigation Plan 2013. Homeland Security and Emergency Management.

While tornados are not common, they would cause significant impacts in the Town. The probability of reoccurrence of a downburst may be higher. A tornado or downburst can impact the entire jurisdiction and may cause greater damage in the community Center.

### Potential Future Impacts on Community

There have been 10 reported tornadoes over the course of 67 years in Rockingham County; the average annual probability of recurrence, therefore, is 14.9% (10/67 x 100). The probability may be slightly higher if local reports of tornadoes were considered; however, this 14.9% probability is for all of Rockingham County – not just Newmarket. The actual probability for Newmarket should be much lower, considering the great dependence of impact upon the actual track of any tornado. The NCDC identified two tornadoes that touched down relatively close (Northwood and Hampton Falls) to the Town, which would suggest the average annual probably of recurrence to be less than 5%. The tornado recurrence probability for Newmarket, therefore, is relatively low.

### Estimated Loss Potential

Based on the low hazard ranking and assessed value of residential, Commercial, and utilities structures, there is approximately \$5,291,830 in estimated potential losses from impacts associated from tornadoes and downbursts.

Overview		
Hazard Type	Severe Winter Weather	
Location/Extent	Town-wide	
		1.26
Severity	2.0	
Probability	3	
Overall Threat	6.0 (moderate)	

# Severe Winter Weather

### Description of the Hazard

Winter snow and ice events are common in New Hampshire. The National Climatic Data Center (NCDC 2017) Storm Events database reports 64 severe winter weather events, which include: 4 blizzards, 45 heavy snow events, 4 ice

storm, and 11 winter storms (nor'easters) that have impacted Rockingham County from January, 1 2007 to August 31, 2017.

Heavy snow typically brings significant snow removal costs along with delays in transportation schedules. Wet snow can result in major infrastructure damage from heavy snow loads and has been the cause of human harm during long periods of shoveling, including back injuries and in some cases heart attacks to older individuals. The most severe damage, though, often comes from ice storms and winter nor'easters.



The State's Multi-Hazard Mitigation Plan Update 2013 identifies four types of winter storms:

- Heavy snowstorms. A storm that deposits four or more inches of snow (or 10 cm) in a twelve-hour period
- . Blizzards A violent snowstorm with winds blowing at a minimum speed of 35 miles (56 kilometers) per hour and visibility of less than one-quarter mile (400 meters) for three hours
- . *Nor'easter*: A large weather system traveling from south to north, passing along the coast. As the storm's intensity increases, the resulting counterclockwise winds which impact the coast and inland areas in a Northeasterly direction. Winds from a Nor'easter can meet or exceed hurricane force winds.
- : *Ice Storms* An event that occurs when a mass of warm, moist air collides with a mass of cold, arctic air. The less dense warm air will rise and the moisture may precipitate out in the form of rain. When this rain falls through the colder, denser air and comes in contact with cold surfaces, ice will form and may continue to form until the ice is as thick as several inches.

## Extent of the Hazard

Snow and ice storms are a Town-wide hazard.

#### Sperry-Piltz Ice Accumulation Index

The Sperry–Piltz Ice Accumulation Index, or SPIA Index, is a forward-looking, ice accumulation and ice damage prediction index that uses an algorithm of researched parameters that, when combined with National Weather Service forecast data, predicts the projected footprint, total ice accumulation, and resulting potential damage from approaching ice storms. It is a tool to be used for risk management and/or winter weather preparedness.

ICE DA.MAGE INDEX	*AVERAGE NWS ICTEAMOUNT (In inches) *Rerited-October, 2011	WIND (mph)	DAMAGE AN DENPACT DESCRIPTIONS
0	<0.25	<15	Minimal riskof damagetoerpos edutility systems; no alæts or alvisories needed forcrems, few owages
1	0.10-0.25	15 - 25	Some isolated or localized mility interruptions are
1	0.25-0.50	<15	and bridges may become slick and hazardous.
-	0.10-0.25	25-35	Scattered utility interruptions expected, typically
2	0,15-0.50	15-25	Insting 12 to 24 hours. Roads and travel conditions
	0.50-0.75	<15	may be extremely parautous due to ice accumulation
	0,141-0,175	2415	NUMEROUS OF THE DESCRIPTION OF THE OTHER
1 <b>1</b> 1	0/25:-0:50	15 31	dimension for annual territory libras much conditioned to
2	050-015	18-11	STORIES TYPE IN DRIVING CRASSING
	0.12-200	545	Contralisation (1006-4-12-000-0)
	0.08 - 0.50	· · · 35	Prolonged & willespread utility intercoptions
	050_075	25 35	with entensis - during e to main distribution
- 4	0.75 - 1.00	15 35	featerlines & somehigh voltage transmissio
	1.00 - 1.10	- 15	In international Configuration S- 10 days.
	0.50-0.75	>= 35	Contractory bias down a contractory of a statistic
c	0.75 - 1.00	>= 25	systems, including both distribution and
Э	1,00-1,50	>=15	transmission networks. Outages could last
	>1.50	Any	several weeks in some areas. Shellers beede

## Past Events and Impacts

Four events of those listed in the NCDC database are of particular note for their severity:

<u>The Ice Storm of 1998</u>: (January 7<sup>th</sup> – 9<sup>th</sup>) was a severe ice storm that is recognized as the worst event in recent memory. Ice accreted several inches thick on trees, power lines, and other exposed surfaces causing many people in those areas to lose electrical service. Statewide, the storm knocked out power to about 55,000 customers, an estimated 125,000 people. Those impacted had to contend with snow, additional freezing rain, rain, slippery roads, falling ice and other debris, sub-zero temperatures, strong winds, and dangerous wind chills. Local impacts included major power outages ranging from a couple of days to a week; the warming shelter was also opened.

<u>The Ice Storm of 2008</u> (December  $11^{th} - 12^{th}$ ) was a major winter storm that brought a mixture of snow, sleet, and freezing rain. The greatest impact in the state was in southern and central New Hampshire where a significant ice storm occurred. Following the ice storm, recovery and restoration efforts were negatively impacted by additional

winter weather events that passed through the state. The freezing rain and sleet ranged from 1 to 3 inches, ice accretion to trees and wires in these areas generally ranged from about a half inch to about an inch. The weight of the ice caused branches to snap, and trees to either snap or uproot, and brought down power lines and poles across the region. About 400,000 utility customers lost power during the event, with some customers without power for two weeks. Property damage across northern, central and southeastern NH was estimated at over \$5 million. Local impacts included power outages for upwards of 9 days, the opening of the warming shelter, downed trees and other debris, and road closures.

<u>The Blizzard of 2013 – NEMO</u> (February 8<sup>th</sup>-9<sup>th</sup>) was an area of low pressure developed rapidly off the Carolina coast late on the 7th and early on the 8th. The storm moved very slowly northeast during the 8th and 9th as it continued to intensify. By the morning of the 10th, the storm was located just to the east of Nova Scotia. The storm brought heavy snow, high winds, and blizzard conditions to the southeastern part of the state. Snowfall amounts were generally 18 inches or more in the southeast where blizzard conditions caused considerable blowing and drifting snow. In western and northern sections, snowfall amounts were in the 4 to 18 inch range. Southeastern New Hampshire had blizzard conditions for about 3 to 10 hours.



The NCDC Regional Snowfall Index for the stations near Newmarket reported between 18 and 24 inches of snow (Rochester and Nottingham) and 12 to 18 inches (between Epson and Northwood) from February 8-February 10, 2013. According to the NH Union Leader, wind gusts of over 30-miles-per hour were expected to occur with the storm; however, the NH Electric Co-op reported only minor power outages.<sup>7</sup> No other major local impacts.

<u>The Blizzard of 2015 – JUNO</u> (January 26th – 28<sup>th</sup>) was area of low pressure developed off the Delmarva peninsula on Monday, January 26th, and intensified rapidly as it moved slowly northWard through the 27th. Snow spread northWard across the region Monday night and became heavy on Tuesday, the 27th. Winds became strong during the day Tuesday leading to blizzard conditions at times along and inland from the coast. The snow persisted into Tuesday night in many areas with blowing and drifting snow. Snowfall amounts ranged from 10 to more than 30 inches across much of the southeastern part of the state.



<sup>7</sup> New Hampshire Union Leader. February 9, 2013.

http://www.unionleader.com/apps/pbcs.dll/article?AID=/20130209/NEWS1101/130209041/0/OPINION02

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Juno was ranked on the NESIS as a 'major' event based on the area affected, the amount of snow, and the number of people living in the path of the storm. The Regional Snowfall Index for the station near Newmarket reported between 18 and 24 inches from January 25-January 28<sup>th</sup>, 2015<sup>8</sup>. Similar to the storm in 2013, this snow storm brought heavy bands of snow and wind, causing blizzard-like conditions. No other major local impacts.

Other, less recent events were also damaging. The Nor'easter of December 7, 1996 was especially damaging to power systems and is described in the NCDC database as "the most extensive and costliest weather related power outage in the state's history," at least until 1996 when that database entry was made. The 1998 ice storm probably surpassed this storm in power systems impact. This storm is thought to have been of the same magnitude as the one that occurred in the region in 1929, indicating a return period of approximately 70 years (CRREL 1998).

#### Extended Power Failures

When discussing extended power failure in this plan, it is referring to power failure that can last for a period of days or weeks. Many things can cause power failure: downed power lines (due to storm, wind, accident, etc.); failure of public utilities to operate or failure of the National grid. Extended power failure can present not only lighting difficulties but also heating, water supply and emergency services. In Newmarket, there have been extended power outages on occasion; the worst in recent years was the ice storm of 2008 where power was out for over a week in some places. Additional events to add are the Halloween Snow Event (2011), which produced heavy, wet snow and leaf-on conditions that resulted in downed trees and caused major power outages throughout the Town, and the Thanksgiving Day snow event in late November (2014), which also produced heavy, wet snow that resulted in sporadic power outages and disrupted travel plans for the holiday weekend, including major delays at airports and hazardous travel. Remote areas, such as Bay, Grant, and New Road are likely to be restored last.

### Potential Future Impacts on Community

Newmarket will continue regularly to receive impacts from severe, regional winter weather events.

## Estimated Loss Potential

Based on the moderate hazard ranking and assessed value of residential, commercial, and utilities structures, there is approximately \$26,459,150 in estimated potential losses from impacts associated from severe winter weather.

Overview	
Hazard Type	Severe Thunderstorm and Lightning
Location/Extent	Town-wide (sporadic)
Severity	1.0
Probability	2
Overall Threat	2.0 (loW)

# Severe Thunderstorms & Lightning

<sup>8</sup> http://gis.ncdc.noaa.gov/map/viewer/#app=cdo&cfg=rsi&theme=rsi

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## Description of the Hazard

As defined by NOAA, a thunderstorm is a rain shower during which thunder is heard. Because thunder comes from lightning, all thunderstorms have lightning. A thunderstorm is the result of convection, which is the upward atmospheric motion that transports whatever is in the air (such as moisture) with it. A thunderstorm is classified as severe if it has hail one inch or greater, winds gusting in excess of 50 knots (57.5 mph), or a tornado. Thunderstorm-related hazards that could impact Newmarket include: high winds and downburst, lightning, hail, and, torrential rainfall. Thunderstorms and severe thunderstorms are a Town-wide hazard. They are most likely to occur in spring and summer.

Lightning can cause significant, sometimes severe, damage. Lightning strikes can cause direct damage to structures and serious injury or death to people and animals. Extensive damage also commonly results from secondary effects of lightning, such as electrical power surges, wildfire, and shockwave. According to lightning fatality data collected by the National Oceanic and Atmospheric Administration (NOAA) over the last decade, lightning kills an average of 32 people each year in the United States. There were 320 fatalities (254 were men; 66 were women) in the United States from 2007 to 2017.

### Extent of the Hazard

Lightning heats air to a temperature of 50,000 degrees Fahrenheit and causes the air to expand and contract rapidly, which causes thunder. A lightning strike occurs very quickly but can occur multiple times during a storm.

Table 17: Lightning Activity Scale						
Lightning Activity Level (LAL)	Conditions					
LAL1	No thunderstorms activity					
LAL2	Isolated thunderstorms					
LAL3	Widely scattered thunderstorms					
LAL4	Scattered thunderstorms					
LAL5	Numerous thunderstorms					
LAL6	Widely scattered, scattered, or numerous DRY thunderstorms					

## Past Events and Impacts

Thunderstorms are common in New Hampshire but can be considered generally less severe than in other areas of the country, such as the Great Plains states. Severe thunderstorms do occur in New Hampshire, though. The NCDC database lists 32 reported events of severe thunderstorm winds in Rockingham County from January 1, 2007 to August 31, 2017. One event took place in in Newmarket. On July 23, 2016 a severe thunderstorm produced strong winds (estimated 50 knots) that downed trees blocking the Amtrak track.

There were no reported lightning strike related deaths in New Hampshire. The NCDC database lists seven reported lightning events in Rockingham Country from January 1, 2007 to August 31, 2017; none of which occurred in Newmarket (closest was in Newfields on 7/16/2010). Local impacts included some residential damage, but no fires.

Finally, hail is a fairly common part of thunderstorms in New Hampshire, but damaging hail is apparently not. The damage that can result from hail is mostly to cars and windows. The NCDC Storm Events database lists 34 reported hailstorms in Rockingham County from January 1, 2007 to August 31, 2017. One of these events took place in Newmarket. On August 22, 2009 a severe thunderstorm produced 0.88 inch hail throughout Town.

## Potential Future Impacts on Community

The annual recurrence probability of thunderstorms in general is effectively 100%. Newmarket will continue to experience thunderstorms and should expect to sustain significant damage periodically.

## Estimated Loss Potential

Based on the low hazard ranking and assessed value of residential, commercial, and utilities structures, there is approximately \$5,291,830 in estimated potential losses from impacts associated from severe thunderstorms and lightning.

# Wildfire

OvervieW	
Hazard Type	Wildfire
Location/Extent	Town-wide (Unfragmented, wooded areas)
Se∨eri <b>ty</b>	1.0
Probability	1
Overall Threat	1.0 (low)

## Description of the Hazard

Wildfire is defined as an uncontrolled and rapidly spreading fire. A forest fire is an uncontrolled fire in a woody area. Forest fires occur during drought and when woody debris on the forest floor is readily available to fuel the fire. Grass fires are uncontrolled fires in grassland areas. Newmarket has an urban core with a surrounding forested landscape. Exposure to natural factors such as lightning that can cause wildfires is consequently high and can occur throughout the jurisdiction.

## Extent of the Hazard

The National Wildfire Coordinating Group (NWCG) categorizes the size of a Wildfire in six classes depending on acres burned, ranging from less than 14 acre to greater than 5,000 acres (see box to the right). The US Forest Service's surface fire behavior fire characteristics chart illustrates primary fire behavior values including the spread rate and the intensity of the fire, Which can be used to Compare predicted and observed fire behavior and to describe potential fire behavior.<sup>9</sup>

The National Wildfire Coordinating Group (NWCG) defines the size of a wildfire as:

- Class A one-fourth acre or less;
- Class B more than one-fourth acre, but less than 10 acres;
- Class C 10 acres or more, but less than 100 acres;
- Class D 100 acres or more, but less than 300 acres;
- Class E 300 acres or more, but less than 1,000 acres;
- Class F 1,000 acres or more, but less than 5,000 acres;

<sup>9</sup> How to Generate and Interpret Fire Characteristics Charts for Surface and Crown Fire Behavior.
 (https://www.fs.fed.us/rm/pubs/rmrs\_gtr253.pdf)
 <sup>11</sup> New Hampshire Department of Safety. State of NH\_\_\_\_\_\_\_

<sup>2010</sup> Multi Warard Mitigation Dlan | Town of Nowmarkat NW

# Past Impacts and Events

Wildfires in New Hampshire historically have tended to run in 50-yr cycles, which can be observed starting from the 1800s. This 50-year cycle is partially based upon human activities and, therefore, may not prove to be accurate into the future.<sup>10</sup> The peak in wildfires in the late 1940's and early 1950's is thought to be related to the increased fuel load from trees downed in the 1938 hurricane. Here, 60 years later, New Hampshire officials are again concerned about the high fuel load created by the 1998 and 2008 ice storms that hit New Hampshire. The NCDC Storm Events database lists 0 reported wildfires in Rockingham County from January 1, 2007 to August 31, 2017.

# Potential Future Impacts on Community

The probability of occurrence of wildfires in the future is effectively impossible for the Hazard Mitigation Committee to predict due to the dependence of wildfire on the occurrence of the causal hazards and the variability of numerous factors that affect the severity of a wildland fire. In general, if a wildfire occurred in one of the large, unfragmented woodland areas, the cost of the timber loss would probably be in the range of several million dollars.

## Estimated Loss Potential

Based on the low hazard ranking and assessed value of residential, commercial, and utilities structures, there is approximately \$5,291,830 in estimated potential losses from impacts associated from wildfire.

# Earthquakes & Landslide

Overview	
Hazard Type	Earthquake & Landslide
Location/Extent	Town-wide and areas with steep slopes (>25%)
Severity	1.0
Probability	1
Overall Threat	1.0 (low)

## Description of the Hazard

The USG5 defines an earthquake as a term used to describe both sudden slip on a fault, and the resulting ground shaking and radiated seismic energy caused by the slip, or by volcanic or magmatic activity, or other sudden stress changes in the earth. Earthquakes can cause buildings and bridges to collapse, disrupt gas, electric and phone lines, and often cause landslides, flash floods, fires, avalanches, and tsunamis. Larger earthquakes usually begin with slight tremors but rapidly take the form of the or more violent shocks, and are followed by vibrations of gradually diminishing force called aftershocks.<sup>11</sup> Earthquakes in the Northeast are not associated with specific know faults.

 <sup>&</sup>lt;sup>10</sup> New Hampshire Department of Safety. State of NH Natural Hazard Mitigation Plan 2013. Homeland Security and Emergency Management.
 <sup>11</sup> The Northeast States Emergency Consortium Earthquake Hazards. <u>http://nesec.org/earthquakes-hazards/</u>. Viewed on 8/10/15

Due to the geology of the region, the area impacted by an earthquake in the Northeast can be up to 40 times greater than the same magnitude event occurring on the West coast. Earthquakes can occur at any time without warning. An earthquake can impact all areas of the jurisdiction. People at greatest risk from earthquakes are those who live in unreinforced masonry buildings build on filled land or unstable soil.<sup>12</sup>

Landslides could occur in Newmarket in areas with steep slopes, Where soils and loose bedrock formations Would tend to slough off and move en masse downhill under gravity. could Earthquakes readily cause landslides, could around as



Map 8: Steep Slopes in Newmarket (Source: SRPC, 2015)

saturation from extended heavy precipitation events. Given seismic or precipitation events that could initiate landslide, landslide hazard is likely quite high in steep slope areas; however, there are only approximately 35.9 acres (<1%) of steep slopes greater than 25% in Newmarket.

### Extent of the Hazard

The magnitude and intensity of an earthquake is measured by the Richter scale and the Modified Mercalli Intensity (MMI) scale, respectively. The Richter magnitude scale Was developed in 1935 by Charles F. Richter of the California Institute of Technology as a mathematical device to compare the size of earthquakes. The magnitude of an earthquake is determined from the logarithm of the amplitude of Waves recorded by seismographs. Adjustments are included for the variation in the distance between the various seismographs and the epicenter of the earthquakes.

The Modified Mercalli Intensity (MMI) scale was developed in 1931 by the American seismologists Harry Wood and Frank Neumann. This scale, composed of 12 increasing levels of intensity that range from imperceptible shaking to catastrOphic destruction, is designated by Roman numerals. It does not have a mathematical basis; instead it is an arbitrary ranking based on observed effects actually experienced at a given place and therefore has a more meaningful measure of severity.<sup>14</sup>



<sup>&</sup>lt;sup>12</sup> http://nesec.org/earthquakes-hazards/

<sup>&</sup>lt;sup>13</sup> USGS. Earthquake Hazard Program. http://earthquake.usgs.gov/learn/glossary/?term=Richter%20scale. Viewed on 8/10/15

<sup>&</sup>lt;sup>14</sup> USGS. Earthquake Hazard Program. <u>http://pubs.usgs.gov/gip/earthq4/severitygip.html</u>. Viewed on 8/10/15

## Past Impacts and Events

Due to the state's location in an area of moderate seismic activity earthquakes are a common event in New Hampshire, but significantly damaging earthquakes are not. The Northeast States Emergency Consortium (NESEC, 2016) website presents a history of earthquake in the Northeast and documents that New Hampshire is an area of high earthquake probability. Three hundred and sixty earthquakes occurred in New Hampshire from 1.638 to 2007. Approximately 40-50 earthquakes are detected in the Northeast annually.<sup>15</sup> However, New Hampshire has only experienced ten earthquakes of significant magnitude (Richter Magnitude 4.0 or greater) in that time period (one was located in Maine). There have been no Major earthquake or landslide events. A minor earthquake was felt several years ago, but did not result in any damage.

Earthquakes are on average an annual occurrence but significant quakes have an annual probability of occurrence (based on the 1638 to 2012 period) of about 2.7%.

Table 18: Notable Historic Earth	quakes in NH 1638-2012 (Magn	itude 4.0 or Greater)	
Location	Date	Intensity MMIScale	Magnitude <i>Richter Scale</i>
Central New Hampshire	June 11, 1638	-	6.5
Portsmouth	November 10, 1810	V	4.0
Near Hampton	July 23, 1823	IV	4.1
Ossipee	October 9, 1925	VI	4.0
Ossipee	December 20, 1940	VII	5.5
Ossipee	December 24, 1940	VII	5.5
West of Laconia	January 19, 1982	-	4.7
Northeast of Berlin	October 20, 1988	-	4.0
Southeast of Berlin	April 6, 1989		4.1
Hollis Center (Maine)	October 16, 2012		4.0

[Source: Northeast States Emergency Consortium, 2016]

## Potential Future Impacts on Community

Earthquakes could readily cause landslides, as could ground saturation from extended heavy precipitation events. Given seismic or precipitation events that could initiate landslide, landslide hazard is likely quite high in steep slope areas. The Hazard Mitigation Committee did not have the expertise available to analyze the actual probability of landslide in Newmarket; however, to the best of the committee's knowledge no significant landslides have ever occurred. The USGS (1997) classifies landslide incidence regionally as very low (less than 1.5% of land area involved). The local probability in Newmarket however, will depend on specific soil/rock types and upon the probability of initiating events.

<sup>&</sup>lt;sup>15</sup> http://n@sec.org/earthquakes-hazards/

## Estimated Loss Potential

Based on the low hazard ranking and assessed value of residential, commercial, and utilities structures, there is approximately \$5,291,830 in estimated potential losses from impacts associated from earthquakes and landslides.

# **Extreme Temperatures**

Overview	
Hazard Type	Extreme Temperatures
Location/Extent	Town-wide
1.52/07.000	
Severity	1.0
Probability	1
Overall Threat	1.0 (low)

## Description of the Hazard(s)

Extreme temperatures can be describes as heat waves and cold waves (or winter storm and extreme winter conditions.

A *heat wave* is a prolonged period of excessively hot and sometimes also humid weather relative to normal climate patterns of a certain region. Heat kills by pushing the human body beyond its limits. In extreme heat and high humidity, evaporation is slowed and the body must work extra hard to maintain a normal temperature. Most heat disorders occur because the victim has been overexposed to heat or has over-exercised for his or her age and physical condition. Older adults, young children, and those who are sick or overweight are more likely to succumb to extreme heat. Conditions that can induce heat-related illnesses include stagnant atmospheric conditions and poor air quality. Consequently, people living in urban areas may be at greater risk from the effects of a prolonged heat wave than those living in rural areas. Also, asphalt and concrete store heat longer and gradually release heat at night, which can produce higher nighttime temperatures known as the "urban heat island effect."<sup>16</sup>

A *cold wave* can be both a prolonged period of excessively cold weather and the sudden invasion of very cold air over a large area. Along with frost it can cause damage to agriculture, infrastructure, and property. Cold waves, heavy snowfall and extreme cold can immobilize an entire region. Even areas that normally experience mild winters can be hit with a major snowstorm or extreme cold. Winter storms can result in flooding, storm surge, closed highways, blocked roads, downed power lines and hypothermia.

<sup>&</sup>lt;sup>16</sup> International Federation of Red Cross and Red Crescent Societies. Climatological hazards: extreme temperatures. http://www.ifrc.org/en/what-we-do/disaster-management/about-disasters/definition-of-hazard/extreme-temperatures/

### Extent of the Hazard

#### Extreme Heat

Extreme heat events can be described as periods with high temperatures of 90°F or above. The graph to the right displays the likelihood of heat disorders with prolonged exposure or strenuous activity.

#### Extreme Cold

What constitutes extreme cold varies by region. Characteristics of an extreme cold event in northern states include temperatures at or below zero for an extended period of time. According to the National Weather Service (NWS), extreme cold is a daily concern during the winter months for northern states. The NWS Wildchill Temperature index calculates the dangers from winter winds and freezing temperatures (Source: NWS)

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								Temp	eratu	ne (	°F)								
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NOAA's National Weather Service

The Town sends out advisory notices whenever the National Weather Service issues cold/heat index warnings in the weekly newsletter.

### Past Impacts and Events

According to a 2014 study of climate change by Climate Solutions New England, <u>Climate Change in Southern New</u> <u>Hampshire</u>, from 1970 to 1999, southern New Hampshire experienced an average of seven days per year above 90°F each year. This is projected to increase to 22 days per year under a low emissions scenario to nearly 50 days per year under a high emissions scenario. Between 1980 and 2009, an average of one day per year reached 95°F in southern New Hampshire. By the end of the century, the number of days per year over 95°F is expected to increase as much as six to 22 days per year. Additionally, the average daytime maximum temperature on the hottest day is expected to increase to as much as 98°F to 102°F (depending on the emissions scenario), compared to the historical average of 93°F.<sup>17</sup> Between 1960 and 2012, there was an average of 8.3 days per year (or 0.8 days/decade) greater than 90°F recorded in Durham (the closest of four stations to Newmarket included in the study). During this time the hottest day of the year averaged 95.0°F.<sup>18</sup> There have been no significant heat-related issues for Newmarket.

Between 1960 and 2012, the average temperature of the coldest day of the year was -14.5°F in Durham (the closest of four stations to Newmarket included in the study).<sup>19</sup> Between 1980 and 2009, there were an average of 164 days per year under 32°F and 16 days per year under 0°F in southern New Hampshire. By the end of the century, southern New Hampshire is expected to see 20 fewer days below 32°F and only about 2 to 5 days per year under 0°F. There have been no significant cold-related issues for Newmarket.

 <sup>&</sup>lt;sup>17</sup> Wake, C. et al. "Climate Change in Southern New Hampshire, Past, Present, and Future." Climate Solutions of New England. 2014
 <sup>18</sup> Ibid
 <sup>19</sup> Ibid

<sup>2010</sup> M. W. Hunned Mitigation Disc I Town of Nourportest NH

## Potential Future Impacts on Community

Annual average temperatures may increase on average by 3-5°F by 2050 and 4-8°F by 2100<sup>20</sup>

### Estimated Loss Potential

Based on the low hazard ranking and assessed value of residential, commercial, and utilities structures, there is approximately \$5,291,830 in estimated potential losses from impacts associated from extreme temperatures.

# Drought

Overview	
Hazard Type	Drought
Location/Extent	Town-wide
Severity	2.3
Probability	3
Overall Threat	7.0 (high)

### Description of the Hazard

A drought is defined as a long period of abnormally low precipitation, especially one that adversely affects growing or living conditions. The impacts of droughts are indicated through measurements of soil moisture, groundwater levels, and stream flow. The effect of drought on these indicators is variable during any particular event. For example, frequent minor rainstorms can replenish the soil moisture without raising groundwater levels or increasing streamflow. Low streamflow also correlates with low ground-water levels because ground water discharge to streams and rivers maintains streamflow during extended dry periods. Low streamflow and low ground-water levels commonly cause diminished water supply.

Drought is a regional hazard and can impact the entire jurisdiction. Agricultural land and residents who use dug, shallower wells may be more vulnerable to the effects of drought.

## Extent of the Hazard

The National Drought Monitor classifies the duration and severity of the drought using precipitation, stream flow, and soil moisture data coupled with information provided on a weekly basis from local officials. There are five magnitudes of drought outlined in the New Hampshire State Drought Management Plan: Exceptional, Extreme, Severe, Moderate, and Abnormally Dry. At the development of this Plan, Newmarket was a year removed from an extreme drought.

### Past Impacts and Events

While the impacts of drought are typically not as damaging and disruptive as floods or storm events, the impacts of long term drought or near drought conditions can impact crops and the water supply.

20

Periods of drought have occurred historically in New Hampshire. Six droughts of significant extent and duration were evident in the 20th century as noted below in Table 2.5. The most severe drought recorded in New Hampshire occurred from 1960 to 1969. This drought encompassed most of the northeastern United States (1956-1966). The drought of 1929-1936 was the second Worst and coincided with severe drought conditions in large areas of the central and eastern United States. The drought of 2001-2002 was the third worst on record.<sup>21</sup>

Table 19: Severe Drought Conditions in New Hampshire								
Dates	Area Affected	Magnitude	Remaks					
1929 - 1936	Statewide	-	Regional; recurrence interval 10 to > $\mathcal{Z}$ years					
1939 –1944	Statewide	Severe Moderate	Severe in southeast INH and moderate elsewhere in the State. Recurrence interval 10 to > 25 years					
1947-1950	Statewide	Moderate	Recurrence interval 10 to >25 years					
1960–1969	Statewide	Extreme	Longest recorded continuOus Spell or less than nOrmal precipitation. Encompassed most of the northeast US. Recurrence interval >25 years.					
2001-2002	Statewide	Sevele	Recurrence interval 10 to >25 years					
2015-2016	Central & Southern NH	Moderate	Recurrence interval cannot yet be determined					

In more recent years, drought has again become a problem in New Hampshire. In 1999, a drought warning Was issued by the Governor's Office. In March 2002, all counties in New Hampshire with the exception of Coos County were declared in Drought Emergency. This was the first time that low-water conditions had progressed beyond the Level Two, Drought Warning Stage.

Normal precipitation for the state averages 40 inches per year. During the summer of 2015, most of central and southern New Hampshire experienced its most recent drought, the first since 2001 - 2002 (was the 3<sup>rd</sup> worst on record, exceeded only by the national droughts of 1956-



1966 and 1941-1942). While many communities experienced record snowfall totals this past winter (2014-2015), the lack of rainfall and higher-than-average temperatures resulted in river and groundwater levels to be lower than average. This resulted in the implementation of local water conservation plans throughout the region.

Drought conditions continued and intensified into 2016 in New Hampshire and in Southeast New Hampshire in particular. The drought was due to a combination or a below average snowpack in the spring, little precipitation to recharge the groundwater, an increase of evapotranspiration (the process by which water is transferred from the land

2010 Multi Unzard Mitigation Dlan | Town of Noumarkat NIU

<sup>&</sup>lt;sup>21</sup> NI-IDES. Drought Management Program. Publications. *NH Drought Historical Events*. Viewed on 8/10/15. <u>http://des.nh.gov/organization/divisions/water/dam/drought/documents/historical.pdf</u>

to the atmosphere by evaporation from the soil and other surfaces and by transpiration from plants) in the summer, and the inability of New Hampshire watersheds to store large volumes of water due to their geology.

In October 2016, at the peak of the drought, nearly 20% of the state was categorized as being in extreme drought. One hundred and sixty community water systems had reported implementing a water restriction or ban, and 13 towns have reported implementing voluntary or mandatory outdoor use bans in the state. Newmarket operated under a stage 4 water conservation system for most of the year and only lifted the ban in the last several months.<sup>22</sup>

### **Potential Future Impacts on Community**

The National Drought Mitigation Center website (NDMC 2004) emphasizes that reliable drought prediction for regions above 30°N latitude is effectively impossible. With extreme variation in environmental conditions due to climate change possibly on the rise and population increases, drought probability may grow in the future and put more of a strain on long-term water resources. Currently, drought possibility seems moderate. The large amount of water resources and relatively sparse population in New Hampshire have tended to minimize the impacts of drought events in the region, but this regional protection may be endangered in the future with increases in drought frequency or severity, especially in the State's densely populated areas along the seacoast and south-central NH.

## Estimated Potential Losses

Based on the high hazard ranking and assessed value of residential, commercial, and utilities structures, there is approximately \$52,918,300 in estimated potential losses from drought.

# **Public Health Threats**

Overview	
Hazard Type	Public Health Threats
Location/Extent	Town-wide
Severity	1.3
Probability	2
Overall Threat	2.7 (low)

# Description of the Hazard

#### Epidemic

As defined by the CDC, and epidemic is "the occurrence of more cases of disease than expected in a given area or among a specific group of people over a particular period of time."<sup>23</sup> In addition to being categorized by the type of transmission (point-source or propagated), epidemics may occur as outbreaks or pandemics. As defined in the State

<sup>&</sup>lt;sup>22</sup> In 2002, Newmarket implemented a Water Management Program to conserve groundwater resources during critical dry months. The program consists of a four-stage system requiring water users to limit water consumption to maintain adequate volume of the available water supply.

<sup>&</sup>lt;sup>23</sup> Slate; http://www.slate.com/ld/2092969/

Hazard Mitigation Plan, an outbreak is a sudden increase of disease that is a type of epidemic focused to a specific area or group of individuals. A pandemic is an epidemic that spreads worldwide, or throughout a large geographic area.

Epidemics may be caused by infectious diseases, which can be transmitted through food, water, the environment or person-to-person or animal-to-person (zoonoses), and noninfectious diseases, such as a chemical exposure that causes increased rates of illness. Infectious disease that may cause an epidemic can be broadly categorized into the following groups<sup>24</sup>:

- Foodborne (Salmonellosis, Ecoli)
- Water and Foodborne (Cholera, Giardiasis)
- Vaccine Preventable (Measles, Mumps)
- Sexually Transmitted (HIV, Syphilis)
- Person-to-Person (TB, Aseptic meningitis)
- Arthropodborne (Lyme, West Nile Virus)
- Zoonotic (Rabies, Psittacosis)
- Opportunistic fungal and fungal infections (Candidiasis).

An epidemic may also result from a bioterrorist event in which an infectious agent is released into a susceptible population, often through an enhanced mode of transmission, such as aerosolization (inhalation of small infectious disease particles).<sup>25</sup> For the purposes of this Plan, widespread drug and substance abuse may also be considered epidemics.

#### Lyme Disease

Lyme disease, which is spread to humans by the bite of an infected tick, is a growing threat in New Hampshire. New Hampshire has one of the highest rates of Lyme disease in the U.S.

#### Radon

Radon is a radioactive gas which is naturally occurring as a result of the typical decay of uranium commonly found in soil and rock (especially granite). Radon has carcinogenic properties and is a common problem in many states; New Hampshire has some isolated areas that are among the highest levels of radon in the United States according to the US Environmental Protection Agency (EPA). Whether or not a particular type of granite emanates radon is dependent on the geochemistry of that particular granite, some types are a problem and some are not. In other parts of the country, radon is associated with certain black shales, sandstones, and even limestones. The EPA has estimated that radon in indoor air is responsible for about 13,600 lung cancer deaths in this country each year (EPA document, EPA 811-R-94-001, 1994).<sup>26</sup>

<sup>&</sup>lt;sup>21</sup> New Hampshire Department of Safety. State of NH Natural Hazard Mitigation Plan 2013. Homeland Security and Emergency Management. <sup>25</sup> Ibid

<sup>&</sup>lt;sup>26</sup> Ibid

#### Arsenic

Arsenic is a semi-metal element that is odorless and tasteless. Arsenic is a hazard because it can enter drinking water supplies, either from natural deposits in the earth or from agricultural and industrial practices.<sup>27</sup> Wells drilled into New Hampshire's bedrock fractures have about a 1 in 5 probability of containing naturally occurring arsenic above 10 parts per billion. In addition, wells within short distances (~50 feet) can present very different water quality because of our highly fractured bedrock. Arsenic in water has no color or odor, even When present at elevated levels. Therefore, the only way to determine the arsenic level in your Well Water is by testing.

#### Extent of the Hazard

Public health threats are events of disasters that can affect an entire community.

#### Past Impacts and Events

#### Epidemic

While not an infectious disease outbreak, New Hampshire is currently among those states in the Northeast combating a serious opioid epidemic, which according to the Union Leader has resulted in 479 expected drug overdose deaths since 2012. In Newmarket, there have been approximately 83 confirmed drug overdoses since 2015, eight of which resulted in a fatality. New Hampshire has some of the highest percentages of illicit drug use among young adults in not just the Northeast, but the entire country. Carfentanyl has emerged as an additional drug that is causing significant problems. The Town and its partners have strengthened local advocacy through the implementation of an education and outreach campaign to help provide information on substance abuse and designated a safe station for those in need.

#### Lyme Disease

The number of New Hampshire residents diagnosed with Lyme disease has increased over the past 10 years, with significant increases occurring since 2005.<sup>28</sup> In 2009, the rate of cases of Lyme disease reported in New Hampshire residents was 108 cases per 100,000 persons, which is significantly higher than the Healthy People 2010 science-based 10-year national objective for improving the health of all Americans objective of 9.7 cases per 100,000 persons.<sup>29</sup> From 2009 to 2013, reported cases of Lyme disease in New Hampshire increased by approximately 20% from 1416 cases per year to 1691 cases per year.<sup>30</sup> Rockingham, Strafford, and Hillsborough counties had the highest rates of disease in 2008-2009. In 2012, there were 172 reported cases of Lyme disease in Strafford County.<sup>31</sup>

http://www.dhhs.state.nh.us/dphs/cdcs/lyme/documents/tbdpreventionplan.pdf)

<sup>&</sup>lt;sup>27</sup> EPA. Arsenic in Drinking Water. (http://water.epa.gov/lawsregs/rulesregs/sdwa/arsenic/index.cfm)

<sup>&</sup>lt;sup>28</sup> 2011 New Hampshire State Health Profile; Improving Health, Preventing Disease, Reducing Costs for All. NH Division of Public Health Services Department of Health and Human Services. http://www.dhhs.nh.gov/dphs/documents/2011statehealthprofile.pdf

<sup>&</sup>lt;sup>29</sup>I-lealthyPeople.gov. About Healthy People. Accessed April 2014. Available at: http://healthypeople.gov/2020/about/default.aspx

<sup>&</sup>lt;sup>30</sup> NHDHHS. State of New Hampshire Tickborne Disease Prevention Plan. March 31, 2015.

<sup>&</sup>lt;sup>31</sup> 2011 New Hampshire State Health Profile; Improving Health, Preventing Disease, Reducing Costs for All. NH Division of Public Health Services Department of Health and Human Services. http://www.dhhs.nh.gov/dphs/documents/2011statehealthprofile.pdf

#### Radon

Exposure is a significant hazard in New Hampshire. According to a NH Bureau of Environmental & Occupational Health (BEOH) study looking at >15,000 indoor radon test results in single-family dwellings, households in northern, eastern, and southeastern regions of New Hampshire especially tend to have nominally high concentrations of radon in air or water (BEOH 2004); however, values in excess of the US Environmental Protection Agency's 4.0 picocurie per liter (pCi/L) action guideline have been found in nearly every community in New Hampshire. Values exceeding 100 pCi/L have been recorded in at least eight of New Hampshire's ten counties. The highest indoor radon reading in New Hampshire known to NHDES is greater than 1200 pCi/L; higher values probably exist.

In Newmarket, between 30.0 - 39.9% of homes tested by homeowners from 1987 to 2008 tested at or above the radon action level of 4.0 pCi/L. The probability of significant radon exposure is fairly high.<sup>32</sup>

#### Arsenic

From 1975 until 2001, the federal maximum contaminant limit (MCL) for arsenic in water supplied by public water systems was 50 parts per billion, because the health effects of exposure to lower concentrations was not recognized. Based on an exhaustive review of the new information about arsenic's health effects, in January 2001 EPA established a goal of zero arsenic in drinking water. At the same time, EPA adopted an enforceable MCL of 10 parts per billion (ppb) based on balancing treatment costs and public health benefits. Studies have shown that chronic or repeated ingestion of water with arsenic over a person's lifetime is associated with increased risk of cancer (of the skin, bladder, lung, kidney, nasal passages, liver or prostate) and non-cancerous effects (diabetes, cardiovascular, immunological and neurological disorders). The same studies found that dermal absorption (skin exposure) of arsenic is not a significant exposure path; therefore, washing and bathing do not pose a known risk to human health.<sup>33</sup> Locally, Wade Farm has been a location that has experienced some arsenic issues in the past.

In 2017, NHDES offered a free water testing program (documents arsenic levels and assesses biological activity for a variety of bacteria), in which Newmarket was one of the communities chosen to participate. More information on the <u>Targeted Arsenic and Uranium Public Health Study: A Biomonitoring New Hampshire Project</u> can be found by visiting their website. Localized data will be available later in 2018.

### Potential Future Impacts on Community

With the occurrence of worldwide pandemics such as SARS, H1N1 and Avian Flu, Newmarket could be susceptible to an epidemic and subsequent quarantine. While all individuals are potentially vulnerable to the hazard of an epidemic, epidemics often occur among a specific age group or a group of individuals with similar risk factors and exposure.<sup>34</sup> Lyme disease will continue to impact public health, and with changes in climate, in particular warmer winters, higher rates of Lyme disease will be an ongoing concern.

Radon, arsenic, and other potential groundwater containments will continue to need to be addressed. There have been reports by the EPA that lung cancer deaths nationwide can be attributed to radon exposure, but nothing

<sup>&</sup>lt;sup>32</sup>NHDES https://www.des.nh.gov/organization/divisions/air/pehb/ehs/radon/documents/radon\_by\_town.pdf

<sup>&</sup>lt;sup>33</sup> New Hampshire Environmental Services. Drinking Water and Groundwater Bureau. Arsenic in Drinking Water Fact Sheet.

<sup>&</sup>lt;sup>34</sup> New Hampshire Department of Safety. State of NH Natural Hazard Mitigation Plan 2013. Homeland Security and Emergency Management.
inclusive has been determined at this point. With assistance from epidemiological health experts, for future plan updates the Committee may be able to use the life-table or concentration risk analysis methodologies in the EPA study (EPA 2003) together with demographic and behavioral health data to arrive at a reasonable estimate of risk. The heroin and drug epidemic remains an ongoing problem.

#### Estimated Potential Losses

Based on the low hazard ranking and assessed value of residential, commercial, and utilities structures, there is approximately \$5,291,830 in estimated potential losses from impacts associated from public health threats.

### Hazardous Materials

Overview	
Hazard Type	Hazardous Materials
Location/Extent	Town-wide
Son Andrewsky Alerta	
Severity	1.7
Probability	2
Overall Threat	3.3 (low)

### Description of the Hazard

Hazardous materials in various forms can cause death, serious injury, long-lasting health effects, and damage to buildings, homes, and other property. Many products containing hazardous chemicals are used and stored in homes routinely. These products are also shipped daily on the nation's highways, railroads, waterways, and pipelines. Chemical manufacturers are one source of hazardous materials, but there are many others, including service stations, hospitals, and hazardous materials waste sites. Hazardous materials continue to evolve as new chemical formulas are created.

### Extent of the Hazard

Indicents involving hazardous materials could potentially occur at any residence or business or along any road; however, it is more likely that a spill would occur from trucks traveling from the western side of New Hampshire that pass through Newmarket en-route to the Dover/Rochester area. Routes 108 and 152 are two roadways of biggest concern. There is also a freight train that runs through the town and acts as a major line from Maine to Boston and is of much larger concern to the Town. Everyday this train carried materials for industrial uses, many of which are not publicly known. The fire department does have procedures set up in case of an accident, but if there were a major spill or hazardous threat the environmental and economic impacts could be substantial. Lastly, Newmarket is within the 50-mile protective zone if the Seabrook nuclear power plant were to have a nuclear release.

### Past Impacts and Events

The Planning Committee recognized at least one accident with the train and another vehicle, but it did not result in a spill of any kind. There have been other minor oil/fuel spills that have taken place in various locations in Town.

### Potential Future Impacts on Community

The Pan-Am rail line, because of the sheer quantity, is one of the largest future threats to the Town. As the rail line travels through Newmarket, it crosses important natural resource features including waterbodies (Moonlight Brook and Lamprey River), wetlands, and forested land; industrial complexes; and passes through the economic core of the downtown (over Route 108 (Exeter Street); and under S. Main Street and Elm Street). Any derailment would have significant impacts for the Town.

There is also the Newington Sea-3 expansion project, which is an important hazardous materials threat. This import/export project includes three 90,000-gallOn tanks and associated chilling and pumping equipment in Order to refrigerate and bulk store pressurized propane that is being railed in.

#### Estimated Potential Losses

Based on the low hazard ranking and assessed value of residential, commercial, and utilities structures, there is approximately \$5,291,830 in estimated potential losses from hazardous materials impacts.

## **Coastal Hazards**

OvervieW	
Hazard Type	Coastal Hazards
Location/Extent	West side of the Lamprey River near the downtown, low-lying areas around Lubberland Creek, and low-lying land south of the Lamprey River along Great Bay.
Severity	1.0
Probability	1
Overall Threat	1.0 (IOW)

### Description of the Hazard

Coastal flooding is often associated with storm surge, extreme precipitation events, and sea-level rise, and can be devastating to human health and safety, public and private structures and facilities, and the economies of coastal and inland coastal communities.

### Extent of the Hazard

Newmarket is an inland coastal community, one of seventeen communities in the New Hampshire Coastal



King Tide Event at Schanda Park, November 2017 (Source: SRPC)

Zone, but has limited risk and vulnerability in regard to flooding caused by wave action. However storm surges brought on by large storm events like hurricanes and nor'easters, accompanied by high tides and potential sea level rise are valid concerns around the west side of the Lamprey River near the downtown, low-lying areas around Lubberland Creek, and low-lying land south of the Lamprey River along Great Bay.

### Past Impacts and Events

Due to limited development along tidal areas, to this point there have been no major coastal flooding issues; however, future impacts of sea-level rise may result in additional risk.

### Potential Future Impacts on Community

In 2014, the Coastal Risk and Hazards Commission (CRHC) released their Sea-Level Rise, Storm Surges, and Extreme Precipitation in Coastal New Hampshire: Analysis of Past and Projected Future Trends report that provides the best available and relevant scientific information to inform decision-makers. The report projects that New Hampshire's coast could see a range of 0.6ft to 2.0ft of sea level rise by the year 2050. By 2100, that range could be from 1.6ft all the way to 6.6ft depending on different emission scenarios.

In 2017, NOAA released a report titled Global and Regional Sea Level Rise Scenario for the US that indicates global sea-level projections may be in the range of 6.6ft to 8.9ft of rise by 21.00 under the highest scenario. These results take into consideration the instability of the Antarctic icesheet and indicate that these higher outcomes may be more likely than previously thought. While these projections are based on models and there is always a high level of uncertainty, the trend continues to go up – not down.



King Tide Event at Schanda Park, November 2017 (Source: SRPC)

According to the CRHC report annual precipitation (not extreme events) is expected to increase by as much as 20% with most increases occurring during winter and spring during this century. Extreme precipitation events are expected to increase in frequency and in the mount of precipitation produced; however it is unclear as to how much those events will increase.

#### Estimated Potential Losses

Based on the low hazard ranking and assessed value of residential, commercial, and utilities structures, there is approximately \$5,291,830 in estimated potential losses from coastal hazard impacts.

## Cyber-Attacks

Overview	
Hazard Type	Cyber Attacks
Location/Extent	Town-wide
THE REPORT OF THE PARTY OF	
Severity	2.3
Probability	2
Overall Threat	4.7 (moderate)

### Description of the Hazard

The field of cyber security is primarily concerned with protecting against damage and disruption to or theft of hardware, software, or information. Due to the variety of services they provide, local government organizations collect, store, and work with large amounts of personal data and other sensitive information. While the security of this information has always been important, increasing use of digital networks to store and transmit that information makes the security of those networks a priority. Furthermore, local governments provide critical services such as police, fire, utilities, and other services, and disruption to these services could be devastating for residents. Types of cyber threat include:<sup>35</sup>

- Malware: Malicious software that can damage computer systems, including monitoring system activity, transferring information, or even taking control of computers or accounts. This includes a wide variety of viruses, Trojans, ransomware, and other programs that are usually installed by clicking on infected links, files, or email attachments.
- Phishing: These attacks come in the form of emails, often disguised as a trusted or legitimate source, that attempt to extract personal data.
- Denial of Service: This is a large-scale attack designed to disrupt network service by overloading the system with connection requests. These attacks are more likely to impact large, high-profile Organizations, but such attacks can occasionally have residual impacts on other organizations in the same network.
- Man in the Middle: By imitating an end user (e.g. an online bank), an attacker can extract information from a user. The attacker can then input that information to the end user to access additional information, including sensitive data such as personal or account information.
- Drive-by Downloads: Malware installed on a legitimate website causes a system to download a program simply by visiting that website. This program then downloads malware or other files directly to the user's system.
- Malvertising: This attack type downloads malware or other files to your computer when you click on an infected advertisement.

<sup>&</sup>lt;sup>35</sup> Sullivan, Megan. 8 Types of Cyber Attacks Your Business Needs to Avoid (http://quickbooks.intuit.com/r/technology-and-security/8-types-of-cyber-attacks-your-business-needs-to-avoid/)

- Rogue Software: Attackers use pop-up windows to mimic legitimate anti-virus or other security software in order to trick users into clicking on links to download malware or other files.
- Sponsored Attacks: These threats, which could be perpetrated by state or non-state actors, include specific attacks to damage or disrupt infrastructure such as utilities or wastewater facilities.

### Extent of the Hazard

Cyber threats are a Town-wide hazard that have the potential to impact any location if critical services are disrupted, or any resident, business, contractor, or employee whose information is stored in town records in the event of a data breach. The severity of any impact depends upon the type of incident – targeted phishing attacks may be focused upon a single employee or account, While malware attacks could impact an entire department or gain access to an entire database of personal information.

### Past Impacts and Events

A global ransomware attack began on May 12, 2017 that impacted more than 100,000 organizations in 150 countries.<sup>36</sup> Ransomware is a type of malware that encrypts a user's files, making them inaccessible, and demands a ransom to return access. While ransomware has existed for years, it is becoming more prevalent. An IBM study of the impacts of ransomware found that nearly 40% of all spam emails contain a ransomware attachment, up from 0.6% in 2015.<sup>37</sup> The FBI estimates that over \$1 billion in ransoms were paid by businesses and consumers in 2016 compared to \$24 million in 2015.<sup>38</sup>

The Durham Police Department was the victim of a ransomware attack in June 2014. The attack originated from a phishing attack that linked to a Dropbox account containing malware. The malware locked access to files in a shared directory, effectively preventing the department from filing or accessing reports, sending and receiving emails, or researching the record management system. In this case, damage was limited by the fact that the officer who opened the file did not have local administrative rights to make changes to the computer or system. The Durham IT department was able to restore service by isolating and identifying infected computers and drives before reimaging computers and replacing system files with external backups. These preventative measures of limiting administrative rights and backing up data regularly to external servers meant that the biggest impact was the network downtime necessary to restore the computers and servers, and recovery was relatively quick. In total, it took the Town three days to restore full service (police servers were unavailable for two days) at a cost of \$3,500.

In 2016 a single work station in the Police Department was infected with malware software; however, it did not spread and did not impact the server. Since that incident the  $\Pi$  department has provided outreach to officers on suspicious emails and has taken additional precautions to limit future hacking incidents.

<sup>&</sup>lt;sup>36</sup> http://www.npr.org/sections/thetwo-way/2017/05/14/5283 55526/repercussions-continue-from-global-ransomware-attack

<sup>&</sup>lt;sup>37</sup> IBM X-Force. Ransomware: How consumers and businesses value their data. 2016

<sup>&</sup>lt;sup>38</sup> http://www.nbcnews.com/tech/security/ransomware-now-billion-dollar-year-crime-growing-n704646

### Potential Future Impacts on Community

Newmarket is most likely to be at risk from malware, phishing, and other methods of acquiring personal information. These threats may be targeted, as in the case of phishing emails sent to employee accounts, or threats that individuals encounter during their regular computer usage. Cyber threats are also constantly evolving in order to find new weaknesses in anti-virus software and other network defenses. As noted above, ransomware has become an increasingly prevalent form of malware in recent years, and is likely to continue to be a threat in years to come.

Another potential concern the planning committee discussed was the risk of an attack on the town's water and sewer electronic control system. This is an important utility system that would have major implications if hacked.

#### Estimated Potential Losses

Based on the medium hazard ranking and assessed value of residential, commercial, and utilities structures, there is approximately \$26,459,150 in estimated potential losses from cyber-attacks.

### Hazards Not Included in this Plan

The State of New Hampshire identifies avalanches as a hazard in the State Multi-Hazard Mitigation Plan Update of 2013. Avalanches are not included in this Plan for the Town of Newmarket. Avalanches were not identified by the present or past Planning Committee as a local hazard due to the fact that there are no significant mountains or topographical features, where avalanches would be likely to or have occurred in the past. The Town will re-evaluate the need to include additional hazards to this Plan during subsequent updates of the Plan.

## Chapter 7: Action Plan

## Past Mitigation Strategies

During past updates the Planning Committee developed a list of strategies to implement over the course of the Plan's life-cycle. Table 20 summarizes those strategies, and provides updated information as to if the strategy was accomplished or not.

Proposed Mitigation Action	Update 2018
1. Construct two towers with sirens and voice communication to be used for town and public communications.	<u>Removed Action</u> . This action is no longer viewed as a priority and should be removed.
2. Install reverse 911 location system and train users on alert system.	Completed Action This action has been completed.
3. Develop the early stages of a stormwater management plan that would stem from the culvert evaluations that have recently been completed. First steps would be to organize the assessment report and prioritize which culverts are in the most need of repair and replacement.	Deferred Action. The Town hasn't starting working on developing a stormWater plan yet. As a first step, the Town needs to map its system, which needs to be updated by July 2020 according to the MS4 permit. At the time of this chapter update, the Seacoast Stormwater Group has released an RFP out to assist communities in the seacoast with mapping their impaired watersheds and outfalls.
4. Continue to move forward with the Macallen Dam Feasibility Study.	<u>Completed Action</u> . In 2010, Gomez and Sullivan completed the feasibility study, which when released, resulted in a shift in public opinion. Instead of removal, the Town is currently working with NHDES on making the necessary repairs. Hydrologic modeling has been completed and, in 2016, the Town hired GZA to complete all engineering, stability, and concept designs. Construction is set to be completed in the fall of 2019.
5. Public education and outreach on the recently completed fluvial erosion hazard assessments. The Town will develop maps, outreach materials, and planning techniques to implement in order to protect citizens and their property, while contributing to the health and stability of the rivers.	<u>Removed Action</u> . The NH Geological Survey did not conduct any fluvial erosion studies on waterbodies within the Town of Newmarket. As such, this action should be removed.
6. Purchase and install a back-up generator at the Middle/High School	<u>Deferred Action</u> . This action has not been completed and should be rolled into the 2018 update.

Table 20; Accomplishments Since Last Plan Adoption

Proposed Mitigation Action	Update 2018
7. Set aside funds in order to purchase equipment cots, pillows, blankets, etc. for emergency shelter.	<u>Deferred Action</u> . This action has not been completed and should be rolled into the 2018 update.
8. Make all documents relating to the Hazard Mitigation Update available at the Town Library and Town Hall.	<u>Completed Action.</u> Hard copies of the plan were sent to the Town Hall and Library. The Town website will create a new emergency preparedness tab and house all electronic copies of the plan moving forward.
9. Obtain NFIP brochures from FEMA and have them available at the Town Offices for new developers and current homeowners.	Completed Action. Brochures were purchased and are available at the Town Hall.
10. Continue to provide outreach assistance to elderly, special needs, and community at risk populations by organizing staff and coordinating within Town departments.	<u>Completed Action</u> . In 2017, the Police Department along with the High School Superintendent formed a committee to conduct an emergency planning meeting. These meetings are conducted regularly to review emergency plans and best practices as a way to provide continued assistance for our vulnerable populations. The Police Department conducts regular meetings with the Sunrise Sunset Senior Center to talk about current safety concerns in the community, along with meetings throughout the year with the Newmarket Housing Authority. These meetings reach out to the elderly and section 8 housing. The Police Department also offers a "Good Morning Program" where the elderly can check in every morning.
11. Design outreach materials (i.e. magnets, brochures, flyers) with emergency procedures and contact information to be mailed out to current and future residents in town.	<u>Completed Action</u> . Important emergency information is sent out and posted in the Town's weekly newsletter and on the website.
12. Establish a partnership with local businesses and services as a planning community assistance strategy. Partner with businesses to offer food, coffee, and water, etc. to Town Departments during an emergency or extreme weather event.	<u>Completed Action.</u> The Town has a partnership with a number of businesses in the downtown, including but not limited to: Jeremy's Pizzeria, Panzanella's, and Riverworks Tavern that all offer supplies to municipal departments during emergencies.

#### Status Update:

Completed Action – This program continues to be an implemented mitigation action item since the last updated plan was developed

Deferred Action - At the time of developing this plan, more time is required for completion

Removed Action - This existing program is no longer a priority to the Town

Ongoing Action – This program will occur throughout the life of the plan

## **Existing Mitigation Strategies**

During the update the Planning Committee developed a list of existing programs and strategies that were ongoing planning mechanisms to help reduce impacts from future hazards. Table 21 summarizes those programs, and provides information on the effectiveness, any changes in priority, and a list of recommendations to improve them during the next life-cycle of this plan.

#### Existing Effectiveness 2018 Update Description Program The Town is currently using the 2009 IBC and is waiting for the state to adopt the new codes. At Establishes regulations for the design the time of this plan update, the state building **Building Codes** Good and installation of building systems code review board was trying to get legislation passed to adopt the 2015 codes. LOcal This was last updated in 2011. The TOwn is Defined notification procedures and Emergency currently seeking funds to update this plan in actions that should be taken in GoOd Operations 2018. different emergency situations Plan (LEOP) Responsible for catch basins, culverts The Town has been active in storm drainage Good/ Storm Drain cleaning, dtch maintenance, improvements including catch basin cleaning. Maintenance Average structure upkeep and maintenance Eversource has Undertaken an aggressive pruning effort over the last several years. The town's public Utility companies and NHDOT have works department handles additional tree tree maintenance programs to clear Tree Good maintenance as necessary. The town has a line trees and limbs from power lines Maintenance item in their budget for contracting services for and roadways. taller more complicated tree cutting projects. Duiing an emergency the Town uses local media (channel 9), road signage, and door-to-door notifications given by Fire, Police, and EMD. Evacuation and Evacuation and notification Website and radio post alerts and call numbers. Good procedures Notification The town uses the code red system to send alerts through calls, texts, and email; Twitter, FacebOok, and WebEOC are also used. The Fire Station, Public Works, and the Police Station all have backup generators. A portable generator is now located at the Community Center. The Community Center acts as the primary Emergency Offers temporary shelter during Back-Up POwer emergency shelter, the SeniOr Center is used as a Average extended periods without power warming/cooling station, and the Exeter High and Shelters School acts as the regional shelter for any mass evacuations. Full service generators are needed at the Community Center and Town Hall.

#### Table 21: Existing Programs and Policies

Existing Program	Description	Effectiveness	2018 Update
Hazardous Materials Response Team	Newmarket is a member of the START Hazardous Materials Emergency Response Team, a regional effort to combine resources to mitigate hazardous materials incidents. On-going training, education and acquisition of resources are important.	Excellent	The Town has local capabilities and also partners up with Seacoast START (Regional HazMat Team). The yearly cost is roughly \$2,500 and helps to provide additional training for Fire and EMS personnel.
Community Emergency Response Team (CERT)	Provides the knowledge and skills citizen volunteers need to effectively serve their community	Excellent	As of 2017, there were two current operators that have received training and the town has received new vests.
Floodplain Management Ordinance	Local ordinance to regulate development in the floodplain.	Good	Newmarket last updated their floodplain ordinance in 2010. The Town will once again review their floodplain ordinance when the new FEMA maps are adopted. It is currently estimated that the maps will become effective for all communities in Rockingham County Coastal Project area around fall 2018.
Shoreline Water Quality Protection Act	Establishes minimum standards for the subdivision, use and development of the shorelands along the state's larger waterbodies	Good	State requirements are on portions of the Lamprey River, Upper Narrows, Piscassic River, as well as the impoundment behind Macallen Dam and Great Bay. These waterbodies are referenced in the Town's zoning as an overlay district. Local regulations, which are more stringent, will be continually monitored for revisions as needed.
Master Plan	A guiding document used to manage Newmarket's growth and development through local land use regulations.	Excellent	Over the course of the last several years, the Town has updated a series of master plan chapters, including vision, existing and future land use, and housing and demographics. The community facilities and transportation sections are next.
Capital Improvements Program (CIP)	A program that helps to address improvement projects over a period of time.	Excellent	This six year program links infrastructure spending to the goals and values outlined in the Town's Master Plan. The Town Administrator approved the CIP for fiscal years 2019-2024 in late 201.7.

Effectiveness:

Excellent – The existing program works as intended and is exceeding its goals Good – The existing program works as intended and meets its goals Average – The existing program does not work as intended and/or does not meet its goals Poor – The existing program is negatively impacting the community

2017 Update: Recommendations for improvement

## The Planning Committee's Understanding of Multi-Hazard Mitigation Strategies

The Planning Committee determined that any strategy designed to reduce personal injury or damage to property that could be done prior to an actual disaster would be listed as a potential mitigation strategy.

This decision was made even though not all projects listed in Tables 22 (New Mitigation Actions) and 23 (Implementation Plan) are fundable under FEMA HMA grant programs. The Planning Committee determined that this Plan was in large part a management document designed to assist the Town Council and other Town officials in all aspects of managing and tracking potential emergency planning strategies. For instance, the Planning Committee was aware that some of these strategies are more properly identified as readiness issues. The Planning Committee did not want to "lose" any of the ideas discussed during these planning sessions and thought this method was the best way to achieve that objective.

The Planning Committee identified six new strategies to implement during the life of this Plan and carried over three additional actions from the 2013 plan. These strategies are intended to supplement existing programs and the ongoing and not yet completed mitigation strategies identified in previous plan updates. When identifying new strategies, the Planning Committee balanced a number of factors including capacity to implement strategies, priority projects, existing strategies, policies, and programs, the hazard ranking, and whether a strategy will reduce risk associated with multiple hazards.

### **Future Mitigation Strategies**

The Committee identified several new mitigation strategies to reduce vulnerability to hazards. The Committee focused on identifying the best appropriate strategies for the community and the hazards it is most vulnerable based on the vulnerability assessment. Some of the mitigation strategies are strategies for multiple hazards. The goal of each proposed mitigation strategy is reduction or prevention of damage from a multi-hazard event.

New mitigation strategies are listed in Table 22, which also includes a feasibility assessment and prioritization of each hazard.

## Feasibility & Prioritization

A technique known as a STAPLEE evaluation, which was developed by FEMA, was used to evaluate new mitigation strategies based on a set of criteria (see below). The STAPLEE method is commonly used by public administration officials and planners.

S	Social:	Is the proposed strategy socially acceptable to the community? Is there an equity issue involved that would result in one segment of the community being treated unfairly?
Т	Technical:	Will the proposed strategy work? Will it create more problems than it solves?
А	Administrative:	Can the community implement the strategy? Is there someone to coordinate and lead the effort?
Ρ	Political:	Is the strategy politically acceptable? Is there public support both to implement and to maintain the project?
L	Legal:	Is the community authorized to implement the proposed strategy? Is there a clear legal basis or precedent for this activity?
Ε	Economic:	What are the costs and benefits of this strategy? Does the cost seem reasonable for the size of the problem and the likely benefits?
Е	Environmental:	How will the strategy impact the environment? Will it need environmental regulatory approvals?

The Committee evaluated each mitigation strategy using the STAPLEE and ranked each of the criteria as poor, average, or good. These rankings we're assigned the following scores: *Poor=1; Average=2; Good=3*.

The following questions were used to guide further prioritization and action:

- Does the action reduce damage?
- Does the action contribute to community objectives?
- Does the action meet existing regulations?
- Does the action protect historic structures?
- Can the action be implemented quickly?

The prioritization exercise helped the committee evaluate the new hazard mitigation strategies that they had brainstormed throughout the multi-hazard mitigation planning process. While all actions would help improve the Town's multi-hazard and responsiveness capability, funding availability will be a driving factor in determining what and when new mitigation strategies are implemented.

#### Table 22: Future Mitigation Actions & STAPLEE

New Mitigation Project	S	Т	A	Р	L	
Purchase two fully operational generators to be installed at the Community Center and Town Hall. The Community Center currently acts as the emergency shelter and needs backup power. The Town Hall needs backup power to function and provide town administrative services.	3	3	3	2 There may be a lack of public support to fund	3	( ex
Alleviate flooding in reoccurring areas by redirecting stormwater flow away from downtown and the "bowl" area on Route 108 and New Road. This project will install a gravel wetland and improve existing drainage infrastructure.	3	3	3	3	3	siç
Construct culvert replaced at the Bay Road crossing of Lubberland Creek to remediate existing flood risk, restore fish passage, and improve salt marsh migration resiliency. All design and engineering is complete.	3	3	3	3	1 Land ownership challenges	If c l
Review the updated floodplain model ordinance from Office of Strategic Initiatives and update the town's floodplain ordinance, once 2018 FEMA maps are approved and adopted.	3	3	3	3	3	
Complete upgrades and modifications to the Macallen Dam in order to address that state's letter of deficiency and to ensure that the dam will be stable enough to withstand 100-year design flows.	3	3	2 Coordination with multiple partners	3	2 Land ownership challenges	F e ł st

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New Mitigation Project	S	Т	А	р	L	
Implement a town-wide stormwater education and climate resiliency campaign.	3	3	3	3	3	_
*Develop the early stages of a stormwater	3	3	3	3	2	
management plan that would stem from the culvert evaluations that have recently been completed. First steps would be to organize the assessment report and prioritize which culverts are in the most need of repair and replacement.					Potential land ownership challenges	as
*Purchase and install a back-up generator at the Middle/High School.	3	3	3	2 There may be a lack of public support to fund	3	C sl at
*Set aside funds in order to purchase equipment cots, pillows, blankets, etc. for emergency shelter.	3	3	3	3	3	(

\*Ongoing and deferred actions from the 2013 Plan. Previous STAPLEE scores were reaffirmed.

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## Implementation Schedule for Prioritized Strategies

After reviewing the finalized STAPLEE numerical ratings, the Team prepared to develop the Implementation Plan (Table 23). To do this, the Team developed an implementation plan that outlined the following:

- : Type of hazard
- .. Affected location
- : Type of Activity
- .: Responsibility
- ... Funding
- :. Cost Effectiveness; and
- .. Timeframe

The following questions were asked in order to develop an implementation schedule for the identified priority mitigation strategies.

WHO? Who will lead the implementation efforts? Who will put together funding requests and applications?"

WHEN? When will these actions be implemented, and in What order?

HOW? How will the community fund these projects? How will the community implement these projects? What resources will be needed to implement these projects?

In addition to the prioritized mitigation projects, Table 23, Implementation Plan, includes the responsible party (WHO), how the project will be supported (HOW), and what the timeframe is for implementation of the project (WHEN).

### Table 23: Implementation Plan

New Mitigation Project	Type of Hazard	Affected Location	Type of Activity	Responsibility	Funding	C    
Purchase two fully operational generators to be installed at the Community Center and Town Hall. The Community Center currently acts as the emergency shelter and needs backup power. The Town Hall needs backup power to function and provide town administrative services.	Multi- hazard	Community Center & Town Hall	Structure & Infrastructure Project	Facilities Director	EMPG funding & operating budget	Н
Alleviate flooding in reoccurring areas by redirecting stormwater flow away from downtown and the "bowl" area on Route 108 and New Road. This project will install a gravel wetland and improve existing drainage infrastructure.	Flooding	New Road area	Structure & Infrastructure Project	Public Works Director	Grants and operating budget	н
Construct culvert replaced at the Bay Road crossing of Lubberland Creek to remediate existing flood risk, restore fish passage, and improve salt marsh migration resiliency. All design and engineering is complete.	Flooding	Bay Road (Lubberland Creek)	Structure & Infrastructure Project	Public Works Director	Grants and operating budget	н

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						-
Review the updated floodplain model ordinance from Office of Strategic Initiatives and update the town's floodplain ordinance, once 2018 FEMA maps are approved and adopted.	Flooding	FEMA floodplain areas	Planning	Planning Department	Operating budget	\$
Complete upgrades and modifications to the Macallen Dam in order to address that state's letter of deficiency and to ensure that the dam will be stable enough to withstand 100-year design flows.	Dam Failure	Macallen Dam	Structure & Infrastructure Project	Facilities Director	Operating budget	н
Implement a town-wide stormwater education and climate resiliency campaign.	Mutli- hazard	Town-wide	Education and Outreach	Planning Department	Operating budget	\$
*Develop the early stages of a stormwater management plan that would stem from the culvert evaluations that have recently been completed. First steps would be to organize the assessment report and prioritize which culverts are in the most need of repair and replacement.	Flooding	Town-wide	Planning	Hired consultant & Public Works Department	Operating budget	н
*Purchase and install a back-up generator at the Middle/High School.	Multi- hazard	Middle/High School	Structure & Infrastructure Project	EMD & Facilities Manager	EMPG funding & operating budget	н
*Set aside funds in order to purchase equipment cots, pillows, blankets, etc. for emergency shelter.	Multi- hazard	Town-wide	Planning	EMD	Operating budget, donations, and grants	Ĺ

\*Ongoing and deferred actions from the 2013. Previous implementation notes were reaffirmed.

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## Chapter 8: Monitoring, Evaluation, and Updating the Plan

### Introduction

A good mitigation plan must allow for updates where and when necessary, particularly since communities may suffer budget cuts or experience personnel turnover during both the planning and implementation states. A good plan will incorporate periodic monitoring and evaluation mechanisms to allow for review of successes and failures or even just simple updates.

## Multi-Hazard Plan Monitoring, Evaluation, and Updates

To track programs and update the mitigation strategies identified through this process, the Town will review the multi-hazard mitigation plan annually or after a hazard event. Additionally, the Plan will undergo a formal review and update at least every five years and obtain FEMA approval for this update or any other major changes done in the Plan at any time. The Emergency Management Director is responsible for initiating the review and will consult with members of the multi-hazard mitigation planning team identified in this plan. The public will be encouraged to participate in any updates and will be given the opportunity to be engaged and provide feedback through such means as periodic presentations on the plan at town functions, annual questionnaires or surveys, and posting on social media/interactive websites. Public announcements will be made through advertisements in local papers, postings on the Town website, and posters disseminated throughout the Town. A formal public meeting will be held before reviews and updates are official.

Changes will be made to the Plan to accommodate projects that have failed or are not considered feasible after a review for their consistency with STAPLEE, the timeframe, the community's priorities or funding resources. Priorities that were not ranked high, but identified as potential mitigation strategies, will be reviewed as well during the monitoring and update of the plan to determine feasibility of future implementation. In keeping with the process of adopting this multi-hazard mitigation plan, a public meeting to receive public comment on plan maintenance and updating will be held during the annual review period and before the final product is adopted by the Town Council Chapter 9 contains a representation of a draft resolution for Newmarket to use once a conditional approval is received from HSEM.

### Integration with Other Plans

Both the 2006 and 2013 plans were used during periodic updates to the Newmarket's Master Plan and the C-RiSe vulnerability assessment. Input on impacts to roads and other critical infrastructure from hazards was included in relevant master plan sections. Both plans were also used during Capital improvements planning updates and prioritization of municipal culverts and stream crossings for repair and replacement schedules.

This multi-hazard plan will only enhance mitigation if balanced with all other town plans. Newmarket will take the necessary steps to incorporate the mitigation strategies and other information contained in this plan with other town activities, plans and mechanisms, such as comprehensive land use planning, capital improvements planning, site plan regulations, and building codes to guide and control development in the Town of Newmarket, when appropriate. The

local government will refer to this Plan and the strategies identified when updating the Town's Master Plan, Capital Improvements Program, Zoning Ordinances and Regulations, and Emergency Action Plan. The Town Council and the Hazard Mitigation Committee will work with Town officials to incorporate elements of this Plan into other planning mechanisms, when appropriate. In addition, the Town will review and make note of instances when this has been done and include it as part of their annual review of the Plan.

## Chapter 9: Plan Adoption

## Conditional Approval Letter from HSEM

#### Good afternoon!

The Department of Safety, Division of Homeland Security & Emergency Management (HSEM) has completed its review of the Newmarket, NH Hazard Mitigation Plan and found it approvable pending adoption. Congratulations on a job well done!

With this approval, the jurisdiction meets the local mitigation planning requirements under 44 CFR 201 pending HSEM's receipt of electronic copies of the adoption documentation and the final plan.

Acceptable electronic formats include Word or PDF files and must be submitted to us via email at HazardMitigationPlanning@dos.nh.gov. Upon HSEM's receipt of these documents, notification of formal approval will be issued, along with the final Checklist and Assessment.

The approved plan will be submitted to FEMA on the same day the community receives the formal approval notification from HSEM. FEMA will then issue a Letter of Formal Approval to HSEM for dissemination that will confirm the jurisdiction's eligibility to apply for mitigation grants administered by FEMA and identify related issues affecting eligibility, if any. If the plan is not adopted within one calendar year of HSEM's Approval Pending Adoption, the jurisdiction must update the entire plan and resubmit it for HSEM review. If you have questions or wish to discuss this determination further, please contact me at Kayla.Henderson@dos.nh.gov or 603-223-3650.

Thank you for submitting the Newmarket, NH Hazard Mitigation Plan and again, congratulations on your successful community planning efforts.

Sincerely,

Kayla J. Henderson Hazard Mitigation Planning NH Homeland Security and Emergency Management 33 Hazen Drive Concord, NH 03301 NEW: 603-223-3650 603-223-3609 (fax)

## Signed Certificate of Adoption

To be inserted into Plan once received.

#### DRAFT CERTIFICATE OF ADOPTION

Town of Newmarket New Hampshire Town Council A Resolution Adopting the Newmarket, NH Multi-Hazard Mitigation Plan Update 2018

Conditionally Approved: March 23, 2018

WHEREAS, the Town of Newmarket authorizes responsible departments and/or agencies to execute their responsibilities demonstrated in the plan, and received funding from the NH Office of Homeland Security and Emergency Management under a Pre-Disaster Mitigation (PDM) grant and assistance from Strafford Regional Planning Commission in the preparation of the Newmarket, NH Multi-Hazard Mitigation Plan Update 2018; and

WHEREAS, several public planning meetings were held between December 6, 2017 and January 24, 2018 regarding the development and review of the Newmarket, NH Multi-Hazard Mitigation Plan Update 2018; and

WHEREAS, the Newmarket, NH Multi-Hazard Mitigation Plan Update 2018 contains several potential future projects to mitigate hazard damage in the Town of Newmarket; and

WHEREAS, a duly-noticed public meeting was held by the Newmarket Town Council on \_\_\_\_\_\_ to formally approve and adopt the Newmarket, NH Multi-Hazard Mitigation Plan Update 2018.

NOW, THEREFORE BE IT RESOLVED that the Newmarket Town Council adopts the Newmarket, NH Multi-Hazard Mitigation Plan Update 2018.

ADOPTED AND SIGNED this day of \_\_\_\_\_, 2018

Newmarket Town Administrator

Town Seal or Notary

Date\_\_\_\_\_

2019 Multi Hazard Mitigation Dlan | Town of Nowmarkot NH

## Final Approval Letter from FEMA

To be inserted into Plan once received.

## Appendices

Appendix A: Bibliography

Appendix B: Planning Process Documentation

Appendix C: Summary of Possible All-Hazard Mitigation Strategies

Appendix D: Technical and Financial Assistance for All-Hazard Mitigation Hazard Mitigation Grant Program (HMGP) Pre-Disaster Mitigation (PDM) Flood Mitigation Assistance (FMA)

Appendix E: Maps

## Appendix A: Bibliography

#### Documents

- Local Mitigation Plan Review Guide, FEMA, October 1, 2011
- Multi-Hazard Mitigation Plans
  - o Town of Rollinsford, 2016
- State of New Hampshire Multi-Hazard Mitigation Plan (2013) State Hazard Mitigation Goals
- Disaster Mitigation Act (DMA) of 2000, Section 101, b1 & b2 and Section 322a http://www.fema.gov/library/viewRecord.do?id=1935
- Economic & Labor Market Information Bureau, NH Employment Security, 2015; Census 2010 and Revenue Information
- NCDC [National Climatic Data Center, National Oceanic and Atmospheric Administration]. 2017. Storm Events

#### Photos

- Staff from the Newmarket Fire and Rescue Department
- Kyle Pimental, Principal Regional Planner, Strafford Regional Planning Commission

## **Appendix B: Planning Process Documentation**

Agendas

## Town of Newmarket, New Hampshire

Hazard Mitigation Committee Meeting #1

December 6, 2017 1:00PM - 3:00PM

Newmarket Town Hall 186 Main Street Newmarket, NH 03857

Agenda

1. Introductions

- 2. Update process and the requirements of the grant
- 3. Responsibilities, in-kind match documentation, and the steps towards successful adoption
- 4. Review Chapter 2: Community Profile (attachment)
- 5. Review Chapter 3: Asset Inventory (attachment)
- 6. Review Chapter 7: Action Plan Past Mitigation Strategies (attachment)

7. Adjourn

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Hazard Mitigation Committee Meeting #2

December 20, 2017 1:00PM - 3:00PM

Newmarket Town Hall 186 Main Street Newmarket, NH 03857

Agenda

#### 1. Introductions

- 2. Old Business
  - a Review Meeting Notes (Meeting\_Notes\_120617docx)

#### 3. New Business

- a. Review Chapter 5: Floodplain Management (Chapter5\_Flood plain\_Managementdocx)
- b. Review Chapter 6: Declared Disasters (Chapter6\_Declared\_Disasters.docx)
- c Review Chapter & Hazard Descriptions (Chapter6\_Hazard\_Descriptionsdocx)
- d. Review Chapter & Hazard Vulnerability Ranking (Chapter6\_Hazard\_ Vulnerability\_Rankings.docx)

4. Next meeting date

5. Ad journ

Hazard Mitigation Committee Meeting #3

January 10, 2017 1:00PM - 3:00PM

Newmarket Town Hall 186 Main Street Newmarket, NH 03857

Agenda

- 1 Introductions
- 2. Old Business
  - a. Review Meeting Notes (Meeting\_Notes\_122017docx)

#### 3. New Business

- a. Review write-up on cyber-attacks (Cyber\_Attacks.docx)
- b Review existing mitigation strategies (Existing\_Actions.docx)
- c. Brainstorm new mitigation actions and fill out implementation plan (*New\_Mitigation\_Actionsxls*)
  i. Go through STAPLEE Method to rank each action (*STAPLEE\_Method.docx*)

4. Final meeting date

5. Adjourn

Hazard Mitigation Committee Meeting #4

January 24, 2017 12:30PM – 2:00PM

Newmarket Town Hall 186 Main Street Newmarket, NH 03857

Agenda

1. Introductions

2. New Business

a. Final comments to draft update

b. Review of draft maps

3. Adjourn

Hazard Mitigation Meeting #1

December 6, 2017 1:00PM – 3:00PM

Newmarket Town Hall 186 Main Street Newmarket, NH 03857

#### ATTENDANCE SHEET

Name	Position Title/ Department Affiliation	E-mail	Time spent reviewing materials
PLUME UNIER STATE FOURNIER RICHARD J. BEDNOGT GREGORY MAIRLES	Town Danmer. Town ADM / EMD Naversket Poule Dolt. Town OF Neuronacker	dhard y Doe wina Hitzel g Sour in Conew northitz you Ror 2000ET@NEWHALKOINU. bou gmances Bournakern	2h15 2h15 2HKS 2HKS
Pick MALASKY	Weunarket FD	runa lasty Que - ma-katooth	box 2

Hazard Mitigation Meeting #2

December 20, 2017 1:00PM - 3:00PM

Newmarket Town Hall 186 Main Street Newmarket, NH 03857

#### ATTENDANCE SHEET

Name	Position Title/ Department Affiliation	E-mail	Time spent reviewing materials
State Four way	Town Administration / Eng	e	3
RICK BEANDET	NEWMOLKET Police Deft.		2.5
Rick WHUNSKY	Neumanket Fire/ UPAU		3
PLANE HARDY	TOWN RWYYER	THARDUQ Newmarks	2
		. )	

#### Hazard Mitigation Meeting #3

January 10, 2018 1:00PM – 3:00PM

Newmarket Town Hall 186 Main Street Newmarket, NH 03857

#### ATTENDANCE SHEET

Name	Position Title/ Department Affiliation	E-mail	Time spent reviewing materials
GREG MARKES	DIRECTOR OF FAULTING	SMARLES Shanmark HET. WH 6.	v (
RICHARD BRANNET	NEWMANET BL'LE LT.	LAS WORT @ NEW & AVETTAL 62	1
The torewish	TA/EMD	storaier Cumstetining	1
Punne F. Hardy	Town Planner	Sherry Pranotis nh. on	1
Pick Junutsky	Diw Eire	Thunksky (Driving Ki Tablor	1

	Hazard Mitigation Meeting	1 #4	
	January 24, 2018 12:30PM – 2:00PM		
	Newmarket Town Hall 186 Main Street Newmarket, NH 03857		
	ATTENDANCE SHEET		
Name	Position Title/ Department Affiliation	E-mail	Time spen reviewing materials
Plane F. Hardy	Town Planser	I hardy Drewmarket	1.900
The fatemen	Town HOUNISTATOR STOD	Youtow	.5
SAE, MIGALES	FAULITET PIREOR	SMARLES ENERMACHET NH. 601	15
Rick Maulsky	Disector / Five Chief	hundlesky (a) normank of a hils	.5

# Appendix C: Summary of Possible All-Hazard Mitigation Strategies

#### A Prevention

Prevention measures are intended to keep the problem from occurring in the first place, and/or keep it from getting worse. Future development should not increase flood damage. Building, zoning, planning, and/or code enforcement personnel usually administer preventative measures.

- 1. Planning and Zoning<sup>39</sup> Land use plans are put in place to guide future development, recommending where and where not development should occur and where it should not. Sensitive and vulnerable lands can be designated for uses that would not be incompatible with occasional flood events such as parks or wildlife refugees. A Capital Improvements Program (CIP) can recommend the setting aside of funds for public acquisition of these designated lands. The zoning ordinance can regulate development in these sensitive areas by limiting or preventing some or all development for example, by designating floodplain overlay, conservation, or agricultural districts.
- 2. Open Space Preservation Preserving open space is the best way to prevent flooding and flood damage. Open space preservation should not, however, be limited to the floodplain, since other areas within the watershed may contribute to controlling the runoff that exacerbates flooding. Land Use and Capital Improvement Plans should identify areas to be preserved by acquisition and other means, such as purchasing easements. Aside from outright purchase, open space can also be protected through maintenance agreements with the landowners, or by requiring developers to dedicate land for flood flow, drainage and storage.
- 3. Floodplain Development Regulations Floodplain development regulations typically do not prohibit development in the special flood hazard area, but they do impose construction standards on what is built there. The intent is to protect roads and structures from flood damage and to prevent the development from aggravating the flood potential. Floodplain development regulations are generally incorporated into subdivision regulations, building codes, and floodplain ordinances.
  - a. Subdivision Regulations: These regulations govern how land will be divided into separate lots or sites. They should require that any flood hazard areas be shown on the plat, and that every lot has a buildable area that is above the base flood elevation.
  - b. Building Codes: Standards can be incorporated into building codes that address flood proofing for all new and improved or repaired buildings.
  - c. Floodplain Ordinances: Communities that participate in the National Flood Insurance Program are required to adopt the minimum floodplain management regulations, as developed by FEMA. The regulations set minimum standards for subdivision regulations and building codes. Communities may adopt more stringent standards than those set forth by FEMA.

<sup>&</sup>lt;sup>39</sup> All zoning should be carefully reviewed on a consistent basis by municipal officials to make sure guidelines are up-to-date and towns are acting in accordance with best management practices.

- 4. Stormwater Management Development outside of a floodplain can contribute significantly to flooding by covering impervious surfaces, which increases storm water runoff. Storm water management is usually addressed in subdivision regulations. Developers are typically required to build retention or detention basins to minimize any increase in runoff caused by new or expanded impervious surfaces, or new drainage systems. Generally, there is a prohibition against storm water leaving the site at a rate higher than it did before the development. One technique is to use wet basins as part of the landscaping plan of a development. It might even be possible to site these basins based on a watershed analysis. Since detention only controls the runoff rates and not volumes, other measures must be employed for storm water infiltration for example, swales, infiltration trenches, vegetative filter strips, and permeable paving blocks.
- 5. Drainage System Maintenance Ongoing maintenance of channel and detention basins is necessary if these facilities are to function effectively and efficiently over time. A maintenance program should include regulations that prevent dumping in or altering water courses or storage basins; regrading and filling should also be regulated. Any maintenance program should include a public education component, so that the public becomes aware of the reasons for the regulations. Many people do not realize the consequences of filling in a ditch or wetland, or regrading.

#### B. Property Protection

Property protection measures are used to modify buildings subject to flood damage, rather than to keep floodwaters away. These may be less expensive to implement, as they are often carried out on a cost-sharing basis. In addition, many of these measures do not affect a building's appearance or use, which makes them particularly suitable for historical sites and landmarks.

- 1. Relocation Moving structures out of the floodplain is the surest and safest way to protect against damage. Relocation is expensive, however, so this approach will probably not be used except in extreme circumstances. Communities that have areas subject to severe storm surges, ice jams, etc. might want to consider establishing a relocation program, incorporating available assistance.
- 2. Acquisition ~ Acquisition by a governmental entity of land in a floodplain serves two main purposes: 1) it ensures that the problem of structures in the floodplain will be addressed; and 2) it has the potential to convert problem areas into community assets, with accompanying environmental benefits. Acquisition is more cost effective than relocation in those areas that are subject to storm surges, ice jams, or flash flooding. Acquisition, followed by demolition, is the most appropriate strategy for those buildings that are simply too expensive to move, as well as for dilapidated structures that are not worth saving or protecting. Acquisition and subsequent relocation can be expensive, however, there are government grants and loans that can be applied toward such efforts.
- 3. Building Elevation Elevating a building above the base flood elevation is the best on-site protection strategy. The building could be raised to allow water to run underneath it, or fill could be brought in to elevate the site on which the building sits. This approach is cheaper than relocation, and tends to be less disruptive to a

neighborhood. Elevation is required by law for new and substantially improved residences in a floodplain, and is commonly practiced in flood hazard areas nationwide.

- 4. Floodproofing If a building cannot be relocated or elevated, it may be floodproofed. This approach works well in areas of low flood threat. Floodproofing can be accomplished through barriers to flooding, or by treatment to the structure itself.
  - a. Barriers: Levees, floodwalls and berms can keep floodwaters from reaching a building. These are useful, however, only in areas subject to shallow flooding.
  - b. Dry Floodproofing: This method seals a building against the water by coating the walls with waterproofing compounds or plastic sheeting. Openings, such as doors, windows, etc. are closed either permanently with removable shields or with sandbags.
  - c Wet Floodproofing: This technique is usually considered a last resort measure, since water is intentionally allowed into the building in order to minimize pressure on the structure. Approaches range from moving valuable items to higher floors to rebuilding the floodable area. An advantage over other approaches is that simply by moving household goods out of the range of floodwaters, thousands of dollars can be saved in damages.
- 5. Sewer Backup Protection Storm water overloads can cause backup into basements through sanitary sewer lines. Houses that have any kind of connection to a sanitary sewer system whether it is downspouts, footing drain tile, and/or sump pumps, can be flooded during a heavy rain event. To prevent this, there should be no such connections to the system, and all rain and ground water should be directed onto the ground, away from the building. Other protections include:
  - a. Floor drain plugs and floor drain standpipe, which keep water from flowing out of the lowest opening in the house.
  - b. Overhead sewer keeps water in the sewer line during a backup.
  - c. Backup valve allows sewage to flow out while preventing backups from flowing into the house.
- 6. Insurance Above and beyond standard homeowner insurance, there is other coverage a homeowner Can purchase to protect against flood hazard. Two of the most common are National Flood Insurance and basement backup insurance.
  - a. *National Flood Insurance:* When a community participates in the National Flood Insurance Program, any local insurance agent is able to sell separate flood insurance policies under rules and rates set by FEMA. Rates do not change after Claims are paid because they are set on a national basis.
  - b. *Basement Backup Insurance:* National Flood Insurance offers an additional deductible for seepage and sewer backup, provided there is a general condition of flooding in the area that was the proximate cause of the basement getting wet. Most exclude damage from surface flooding that would be covered by the NFIP.

#### C. Natural Resource Protection

Preserving or restoring natural areas or the natural functions of floodplain and watershed areas provide the benefits of eliminating or minimizing losses from floods, as well as improving water quality and wildlife habitats. Parks, recreation, or conservation agencies usually implement such activities. Protection can also be provided through various zoning measures that are specifically designed to protect natural resources.

1. Wetlands Protection - Wetlands are capable of storing large amounts of floodwaters, slowing and reducing downstream flows, and filtering the water. Any development that is proposed in a wetland is regulated by either federal and/or state agencies. Depending on the location, the project might fall under the jurisdiction of the U.S. Army Corps of Engineers, which in turn, calls upon several other agencies to review the proposal. In New Hampshire, the N.H. Wetlands Board must approve any project that impacts a wetland. Many communities in New Hampshire also have local wetland ordinances.

Generally, the goal is to protect wetlands by preventing development that would adversely affect them. Mitigation techniques are often employed, which might consist of creating a wetland on another site to replace what would be lost through the development. This is not an ideal practice since it takes many years for a new wetland to achieve the same level of quality as an existing one, if it can at all.

- 2. Erosion and Sedimentation Control Con<sup>t</sup>rolling erosion and sediment runoff during construction and on farmland is important, since eroding soil will typically end up in downstream waterways. Because sediment tends to settle where the water flow is slower, it will gradually fill in channels and lakes, reducing their ability to carry or store floodwaters.
- 3. Best Management Practices Best Management Practices (BMPs) are measures that reduce non-point source pollutants that enter waterways. Non-point source pollutants are carried by storm water to waterways, and include such things as lawn fertilizers, pesticides, farm chemicals, and oils from street surfaces and industrial sites. BMPs can be incorporated into many aspects of new developments and ongoing land use practices. In New Hampshire, the Department of Environmental Services has developed Best Management Practices for a range of activities, from farming to earth excavations.

#### D. Emergency Services

Emergency services protect people during and after a flood. Many communities in New Hampshire have emergency management programs in place, administered by an emergency management director (very often the local police or fire chief).

1. Flood Warning - On large rivers, the National Weather Service handles early recognition. Communities on smaller rivers must develop their own warning systems. Warnings may be disseminated in a variety of ways, such as sirens, radio, television, mobile public address systems, or door-to-door contact. It seems that multiple or redundant systems are the most effective, giving people more than one opportunity to be warned.
- 2. Flood Response Flood response refers to actions that are designed to prevent or reduce damage or injury, once a flood threat is recognized. Such actions and the appropriate parties include:
  - a. Activating the emergency operations center (emergency director)
  - b. Sandbagging designated areas (Highway Department)
  - c. Closing streets and bridges (police department)
  - d. Shutting off power to threatened areas (public service)
  - e. Releasing children from school (school district)
  - f. Ordering an evacuation (Board of Selectmen/emergency director)
  - g. Opening evacuation shelters (churches, schools, Red Cross, municipal facilities)

These actions should be part of a flood response plan, which should be developed in coordination with the persons and agencies that share the responsibilities. Drills and exercises should be conducted so that the key participants know what they are supposed to do.

- 3. Critical Facilities Protection Protecting critical facilities is vital, since expending efforts on these facilities can draw workers and resources away from protecting other parts of town. Critical facilities fall into two categories:
  - a. Buildings or locations vital to the flood response effort:
    - i. Emergency operations centers
    - ii. Police and fire stations
    - ili. Highway garages
    - iv. Selected roads and bridges
    - v. Evacuation routes
  - b. Buildings or locations that, if flooded, would greate disasters:
    - i. Hazardous materials facilities
    - ii. Schools

All such facilities should have their own flood response plan that is coordinated with the community's plan. Schools will typically be required by the state to have emergency response plans in place.

- 4. Health and Safety Maintenance The flood response plan should identify appropriate measures to prevent danger to health and safety. Such measures include:
  - a. Patrolling evacuated areas to prevent looting
  - b. Vaccinating residents for tetanus
  - c. Clearing streets
  - d. Cleaning up debris

The Plan should also identify which agencies will be responsible for carrying out the identified measures. A public information program can be helpful to educate residents on the benefits of taking health and safety precautions.

#### E. Structural Projects

Structural projects are used to prevent floodwaters from reaching properties. These are all man-made structures, and can be grouped into the six types discussed below. The shortcomings of structural approaches are:

- Can be very expensive
- Disturb the land, disrupt natural water flows, & destroy natural habitats.
- Are built to an anticipated flood event, and may be exceeded by a greater-than expected flood
- Can create a false sense of security.
- 1. Diversions A diversion is simply a new channel that sends floodwater to a different location, thereby reducing flooding along an existing watercourse. Diversions can be surface channels, overflow weirs, or tunnels. During normal flows, the water stays in the old channel. During flood flows, the stream spills over the diversion channel or tunnel, which carries the excess water to the receiving lake or river. Diversions are limited by topography; they won't work everywhere. Unless the receiving water body is relatively close to the flood prone stream and the land in between is low and vacant, the cost of creating a diversion can be prohibitive. Where topography and land use are not favorable, a more expensive tunnel is needed. In either case, care must be taken to ensure that the diversion does not create a flooding problem somewhere else.
- 2. Levees/Floodwalls Probably the best known structural flood control measure is either a levee (a barrier of earth) or a floodwall made of steel or concrete erected between the watercourse and the land. If space is a consideration, floodwalls are typically used, since levees need more space. Levees and floodwalls should be set back out of the floodway, so that they will not divert floodwater onto other properties.
- 3. Reservoirs Reservoirs control flooding by holding water behind dams or in storage basins. After a flood peaks, water is released or pumped out slowly at a rate the river downstream can handle. Reservoirs are suitable for protecting existing development, and they may be the only flood control measure that can protect development close to a watercourse. They are most efficient in deeper valleys or on smaller rivers where there is less water to store. Reservoirs might consist of man-made holes dug to hold the approximate amount of floodwaters, or even abandoned quarries. As with other structural projects, reservoirs:
  - a. are expensive
  - b. occupy a lot of land
  - c. require periodic maintenance
  - d. may fail to prevent damage from floods that exceed their design levels
  - e. may eliminate the natural and beneficial functions of the floodplain.
- 4. Channel Modifications Channel modifications include making a channel wider, deeper, smoother, or straighter. These techniques will result in more water being carried away, but, as with other techniques mentioned, it is important to ensure that the modifications do not create or increase a flooding problem downstream.

- 5. Dredging: Dredging is often cost-prohibitive because the dredged material must be disposed of in another location; the stream will usually fill back in with sediment. Dredging is usually undertaken only on larger rivers, and then only to maintain a navigation channel.
- 6. Drainage Modifications: These include man-made ditches and storm sewers that help drain areas where the surface drainage system is inadequate or where underground drainage ways may be safer or more attractive. These approaches are usually designed to carry the runoff from smaller, more frequent storms.
- 7. Storm Sewers Mitigation techniques for storm sewers include installing new sewers, enlarging small pipes, street improvements, and preventing back flow. Because drainage ditches and storm sewers convey water faster to other locations, improvements are only recommended for small local problems where the receiving body of water can absorb the increased flows without increased flooding. In many developments, streets are used as part of the drainage system, to carry or hold water from larger, less frequent storms. The streets collect runoff and convey it to a receiving sewer, ditch, or stream. Allowing water to stand in the streets and then draining it slowly can be a more effective and less expensive measure than enlarging sewers and ditches.

#### F. Public Information

Public information activities are intended to advise property owners, potential property owners, and visitors about the particular hazards associated with a property, ways to protect people and property from these hazards, and the natural and beneficial functions of a floodplain.

- 1. Map Information Flood maps developed by FEMA outline the boundaries of the flood hazard areas. These maps can be used by anyone interested in a particular property to determine if it is flood-prone. These maps are available from FEMA, the NH Homeland Security and Emergency Management (HSEM), the NH Office of Energy and Planning (OEP), or your regional planning commission.
- 2. Outreach Projects Outreach projects are proactive; they give the public information even if they have not asked for it. Outreach projects are designed to encourage people to seek out more information and take steps to protect themselves and their properties. Examples of outreach activities include:
  - a. Presentations at meetings of heighborhood groups
  - b. Mass mailings or newsletters to all residents
  - c. Notices directed to floodplain residents
  - d. Displays in public buildings, malls, etc.
  - e. Newspaper articles and special sections
  - f. Radio and TV news releases and interview shows
  - g. A local flood proofing video for cable TV programs and to loan to organizations
  - h. A detailed property owner handbook tailored for local conditions. Research has shown that outreach programs work, although awareness is not enough. People need to know what they can do about the hazards, so projects should include information on protection measures. Research also shows that locally designed and run programs are much more effective than national advertising.

- 3. Real Estate Disclosure Disclosure of information regarding flood-prone properties is important if potential buyers are to be in a position to mitigate damage. Federally regulated lending institutions are required to advise applicants that a property is in the floodplain. However, this requirement needs to be met only five days prior to closing, and by that time, the applicant is typically committed to the purchase. State laws and local real estate practice can help by making this information available to prospective buyers early in the process.
- 4. Library Your local library can serve as a repository for pertinent information on flooding and flood protection. Some libraries also maintain their own public information campaigns, augmenting the activities of the various governmental agencies involved in flood mitigation.
- 5. Technical Assistance Certain types of technical assistance are available from the NFIP Coordinator, FEMA, and the Natural Resources Conservation District. Community officials can also set up a service delivery program to provide one-on-one sessions with property owners. An example of technical assistance is the *flood audit*, in which a specialist visits a property. Following the visit, the owner is provided with a written report detailing the past and potential flood depths and recommending alternative protection measures.
- 6. Environmental Education Education can be a great mitigating tool if people can learn what not to do before damage occurs. The sooner the education begins the better. Environmental education programs for children can be taught in the schools, park and recreation departments, conservation associations, or youth organizations. An activity can be as inVolVed as course curriculum development or as simple as an explanatory sign near a river. Education programs do not have to be limited to children. Adults can benefit from knowledge of flooding and mitigation measures; decision makers, armed with this knowledge, can make a difference in their communities

## IL EARTHQUAKES

#### A Preventive

- 1. Planning/zoning to keep critical facilities away from fault lines
- 2. Planning, zoning and building codes to avoid areas below steep slopes or soils subject to liquefaction
- 3. Building codes to prohibit loose masonry overhangs, etc.

#### B. Property Protection

- 1. Acquire and clear hazard areas
- 2. Retrofitting to add braces, remove overhangs
- 3. Apply Mylar to windo ws and glass surfaces to protect from shattering glass
- 4. Tie down major appliances, provide flexible utility connections
- 5. Earthquake insurance riders

#### C. Emergency Services

1. Earthquake response plans to account for secondary problems, such as fires and hazardous material spills

#### D. Structural Projects

1. Slope stabilization

#### III. DAM FAILURE

#### A Preventive

- 1. Dam failure inundation maps
- 2. Planning/zoning/open space preservation to keep area clear
- 3. Building codes with flood elevation based on dam failure
- 4. Dam safety inspections
- 5. Draining the reservoir when conditions appear unsafe

#### **B. Property Protection**

- 1. Acquisition of buildings in the path of a dam breach flood
- 2. Flood insurance

#### C. Emergency Services

- 1. Dam condition monitoring
- 2. Warning and evacuation plans based on dam failure

#### D. Structural Projects

- 1. Dam improvements, spillway enlargements
- 2. Remove unsafe dams

#### IV. WILDFIRES

#### A. Preventive

- 1. Zoning districts to reflect fire risk zones
- 2. Planning and zoning to restrict development in areas near fire protection and water resources
- 3. Requiring new subdivisions to space buildings, provide firebreaks, on-site water storage, wide roads, multiple accesses
- 4. Building code standards for roof materials and spark arrestors
- 5. Maintenance programs to clear dead and dry brush, trees
- 6. Regulation on open fires

#### B. Property Protection

- 1. Retrofitting of roofs and adding spark arrestors
- 2. Landscaping to keep bushes and trees away from structures
- 3. Insurance rates based on distance from fire protection

<sup>2010</sup> Multi Llazard Mitigation Dlan | Town of Nowmarket NIL

#### C. Natural Resource Protection

1. Prohibit development in high-risk areas

#### D. Emergency Services

1. Fire Fighting

#### V. WINTER STORMS

#### A. Prevention

1. Building code standards for light frame construction, especially for wind-resistant roofs

#### B. Property Protection

- 1. Storm shutters and windows
- 2. Hurricane straps on roofs and overhangs
- 3. Seal outside and inside of storm windows and check seals in spring and fall
- 4. Family and/or company severe weather action plan & drills:
  - a. include a NOAA Weather Radio
  - b. designate a shelter area or location
  - c. keep a disaster supply kit, including stored food and water
  - d. keep snow removal equipment in good repair; have extra shovels, sand, rock, salt and gas
  - e. know how to turn off water, gas, and electricity at home or work

#### C. Natural Resource Protection

1. Maintenance program for trimming trees and shrubs

## D. Emergency Services

- 1. Early warning systems/NOAA Weather Radio
- 2. Evacuation plans

## Appendix D: Technical & Financial Assistance for All-Hazard Mitigation

FEMA's Hazard Mitigation Assistance (HMA) grant programs provide funding for eligible mitigation activities that reduce disaster losses and protect life and property from future disaster damages. Currently, FEMA administers the following HMA grant programs<sup>401</sup>

- Hazard Mitigation Grant Program (HMGP)
- Pre-Disaster Mitigation (PDM)
- Flood Mitigation Assistance (FMA)

FEMA's HMA grants are provided to eligible Applicants (States/Tribes/Territories) that, in turn, provide sub-grants to local governments and communities. The Applicant selects and prioritizes subapplications developed and submitted to them by subapplicants. These subapplications are submitted to FEMA for consideration of funding. Prospective subapplicants should consult the office designated as their Applicant for further information regarding specific program and application requirements. Contact information for the FEMA Regional Offices and State Hazard Mitigation Officers is available on the FEMA website, www.fema.gov.

## HMA Grant Programs

The HMA grant programs provide funding opportunities for pre- and post-disaster mitigation. While the statutory origins of the programs differ, all share the common goal of reducing the risk of loss of life and property due to Natural Hazards. Brief descriptions of the HMA grant programs can be found below. For more information on the individual programs, or to see information related to a specific Fiscal Year, please click on one of the program links.

## A. Hazard Mitigation Grant Program (HMGP)

HMGP assists in implementing long-term hazard mitigation measures following Presidential disaster declarations. Funding is available to implement projects in accordance with State, Tribal, and local priorities.

## What is the Hazard Mitigation Grant Program?

The Hazard Mitigation Grant Program (HMGP) provides grants to States and local governments to implement longterm hazard mitigation measures after a major disaster declaration. Authorized under Section 404 of the Stafford Act and administered by FEMA, HMG<sup>P</sup> was created to reduce the loss of life and property due to natural disasters. The program enables mitigation measures to be implemented during the immediate recovery from a disaster.

## Who is eligible to apply?

Hazard Mitigation Grant Program funding is only available to applicants that reside within a presidentially declared disaster area. Eligible applicants are:

- State and local governments
- Indian tribes or other tribal organizations

<sup>&</sup>lt;sup>40</sup> Information in Appendix E is taken from the following website and links to specific programs unless otherwise noted; http://www.fema.gov/government/grant/hma/index.shtm

• Certain non-profit organizations

Individual homeowners and businesses may not apply directly to the program; however a community may apply on their behalf.

#### How are potential projects selected and identified?

The State's administrative plan governs how projects are selected for funding. However, proposed projects must meet certain minimum criteria. These criteria are designed to ensure that the most cost-effective and appropriate projects are selected for funding. Both the law and the regulations require that the projects are part of an overall mitigation strategy for the disaster area.

The State prioritizes and selects project applications developed and submitted by local jurisdictions. The State forwards applications consistent with State mitigation planning objectives to FEMA for eligibility review. Funding for this grant program is limited and States and local communities must make difficult decisions as to the most effective use of grant funds.

For more information on the Hazard Mitigation Grant Program (HMGP), go to: <u>http://www.fema.gov/government/grant/hmgp/index.shtm</u>

#### B. Pre-Disaster Mitigation (PDM)

PDM provides funds on an annual basis for hazard mitigation planning and the implementation of mitigation projects prior to a disaster. The goal of the PDM program is to reduce overall risk to the population and structures, while at the same time, also reducing reliance on Federal funding from actual disaster declarations.

#### Program Overview

The Pre-Disaster Mitigation (PDM) program provides funds to states, territories, Indian tribal governments, communities, and universities for hazard mitigation planning and the implementation of mitigation projects prior to a disaster event.

Funding these plans and projects reduces overall risks to the population and structures, while also reducing reliance on funding from actual disaster declarations. PDM grants are to be awarded on a competitive basis and without reference to state allocations, quotas, or other formula-based allocation of funds.

#### C. Flood Mitigation Assistance (FMA)

FMA provides funds on an annual basis so that measures can be taken to reduce or eliminate risk of flood damage to buildings insured under the National Flood Insurance Program.

#### Program Overview

The FMA program was created as part of the National Flood Insurance Reform Act (NFIRA) of 1994 (42 U.S.C. 4101) with the goal of reducing or eliminating claims under the National Flood Insurance Program (NFIP).

FEMA provides FMA funds to assist States and communities implement measures that reduce or eliminate the longterm risk of flood damage to buildings, manufactured homes, and other structures insurable under the National Flood Insurance Program.

#### Types of FMA Grants

Three types of FMA grants are available to States and communities:

- Planning Grants to prepare Flood Mitigation Plans. Only NFIP-participating communities with approved Flood Mitigation Plans can apply for FMA Project grants
- Project Grants to implement measures to reduce flood losses, such as elevation, acquisition, or relocation of NFIP-insured structures. States are encouraged to prioritize FMA funds for applications that include repetitive loss properties; these include structures with 2 or more losses each with a claim of at least \$1,000 within any ten-year period since 1978.
- Technical Assistance Grants for the State to help administer the FMA program and activities. Up to ten percent (10%) of Project grants may be awarded to States for Technical Assistance Grants

# Appendix E: Maps

## Maps

- Emergency and Non-Emergency Response Facilities
- Critical Facilities
- Vulnerable Populations to Protect
- Water Resources

1	
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3	
4	
5	TOWN OF NEWMARKET, NEW HAMPSHIRE
6	TOWN COUNCIL REGULAR MEETING
7	MARCH 28, 2018 7:00PM
8 9	TOWN COUNCIL CHAMBERS
10 11 12 13	PRESENT: Council Chairman Dale Pike, Council Vice Chairman Toni Weinstein, Councilor Zachary Dumont, Councilor Gretchen Kast, Councilor Kyle Bowden, Councilor Casey Finch, Councilor Amy Burns
14 15 16	ALSO PRESENT: Town Administrator Steve Fournier, Facilities Director Greg Maries, Fire Chief/Public Works Director Rick Malasky, Michael Davey of Energy Efficient Investments (EEi)
17	AGENDA
18 19 20 71	Chairman Dale Pike welcomed everyone to the March 28, 2018 Newmarket Town Council Meeting and called the meeting to order at 7:00 pm, followed by the Pledge of Allegiance.
22 23 24	Chairman Pike said this was the first meeting since the election and they would start with the Election of Officers and the adoption of Town Council Rules.
24 25 26	ELECTION OF OFFICERS
27 28 29	Town Administrator Fournier stated that in the past if there was more than one nominee, each councilor would voice their preference.
30 31	Council Chairman
32 33 34 35	Councilor Weinstein made a motion to nominate <i>Councilor Dale Pike</i> as <i>Chairman of the Tawn Council</i> , which was seconded by Councilor Burns. Town Administrator Fournier polled the Council and the nomination of <i>Councilor Dale Pike</i> as <i>Town Council Chairman</i> was approved by a vote of 7-0.
36 37	Council Vice Chairman
38 39 40 41	Councilor Burns made a motion to nominate <i>Cauncilor Tani Weinstein</i> as <i>Vice Chairman of the Town Council</i> , which was seconded by Councilor Kast. Town Administrator Fournier polled the Council and the nomination of <i>Councilor Toni Weinstein</i> as <i>Town Council Vice Chairman</i> was approved by a vote of 7-0.

42 ADOPTION OF TOWN COUNCIL RULES FOR 2018-2019 43 44 45 Vice-Chair Weinstein made a motion to approve the adoption of the Town Council Rules for 2018-2019, 46 which was seconded by Councilor Bowden. 47 Town Administrator Fournier stated that there was one change in the rules with regard to Motions to 48 Reconsider. He said it would now take re-introduction of legislation as a second resolution rescinding the 49 previous resolution. He explained that they were not really reconsidering, but passing anther resolution 50 51 to repeal. 52 Discussion: Vice-Chair Weinstein said another issue with the rules was brought to her attention around 53 54 committees. She said there was no mechanism in the rules for Alternate members of committees which might need to be clarified. Town Administrator Fournier said he would not touch the Charter, but rather 55 just add that committees be allowed to appoint any alternate they choose. 56 57 Vice-Chair Weinstein said it was also brought to her attention that if the regular committee member is 58 present along with the alternate member, it could appear there were 2 Town Council representatives 59 participating on a regular basis. Town Administrator Fournier said that should not happen, and that the 60 Town Council should have only have one representative on the committee. He said the other member 61 was allowed to attend but not participate, as there should not be 2 councilors influencing decisions. 62 Chairman Pike felt it would be a good idea to include this in the Town Council Rules at a future date. 63 64 Town Administrator Fournier polled the Council and the Town Council Rules for 2018-2019 were approved 65 66 by a Vote of 7-0. 67 TOWN COUNCIL COMMITTEE ASSIGNMENTS 68 69 Town Administrator Fournier said the procedure last year was to go around the room and allow councilors 70 to voice their preferences. If there were more than one person, they would hold a vote and at the end 71 would make one motion to approve the slate of representatives. 72 73 The following Town Council Committee Assignments were made: 74 75 Macallen Dam Committee: 76 Chairman Dale Pike 77 78 79 Highway Safety Committee: 80 Councilor Kyle Bowden 81 82 **Budget Committee:** Councilor Zachary Dumont; Alternate - Councilor Casey Finch 83 84 Energy & Environment Advisory Committee: 85 Vice-Chair Toni Weinstein 86

87	
88	Capital Improvement Plan (CIP) Committee:
89	Councilor Amy Burns; Alternate - Councilor Gretchen Kast
90	
91	Conservation Commission:
92	Councilor Casey Finch
93	
94	Economic Development Committee/ ZBA Business Liaison:
95	C <b>ou</b> ncilor Kyle Bowden
96	
97	Planning Board:
98	Councilor Gretchen Kast; Alternate – Chairman Dale Pike
99	
100	Vice-Chair Weinstein made a motion to approve the slate of Iown Council Committee Assignments as
101	listed above, which was seconded by Councilor Bowden.
102	True Administration Foundar colled the Council and the above listed Town Council Committee
103	Town Administrator Fournier polied the Council and the above-listed Town Council Committee
104	Assignments were approved by a vote of 7-0.
105	
100	
107	Chairman Bike energed the Bublic Forum at 7:26 pm. As no one from the public came forward. Chairman
108	Chairman Pike Opened the Public Fordinat 7.20 pm. As to one norm the public came forward, chairman
109	Pike closed the Public Forum at 7.26 pm.
111	
112	PODLIC HEAKING - None
112	TOWN COUNCIL TO CONSIDER ACCEPTANCE OF MINILITES
114	TOWN COONCIL TO CONSIDER ACCES TANCE OF MINOTES
115	Accentance of the Minutes of the Non Public Meeting of March 14, 2018
116	Acceptance of the Minutes of the Non-1 done Meeting of March 14, 2010
117	Vice-Chair Weinstein made a motion to annrove the Minutes of the Non-Public Meeting of March 14.
110	2018 which was seconded by Councilor Burns
110	2010, which was seconded by councilor burns.
120	Town Administrator Fournier stated that the Non-Public Meeting minutes were postnoned until the next
120	monthing Vice-Chair Weinstein withdrew her motion and Councilor Burns withdrew her second
122	meeting, vice-chair weinstein withdrew her motor and councilor burns withdrew her second.
122	Acceptance of the Minutes of the Regular Meeting of March 1/1 2018
123	Acceptance of the minutes of the Regular meeting of march 19, 2010
124	Vice-Chair Weinstein made a motion to annrove the minutes of the Regular Meeting of March 14, 2018.
125	which was seconded by Councilor Burns
120	WHICH Was seconded by content partici-
122	Town Administrator Fournier polled the Council and the minutes of the Regular Meeting of March 14.
120	2018 were approved by a vote of 6-0 with 1 abstention.
120	Toto were approved by a toto or o a stant tabletition.
131	REPORT OF THE TOWN ADMINSTRATOR
1 2 1	

132

Town Administrator Steve Fournier provided the FY2018 February Budget Report which showed that as of the end of February, 69% of the total operating budget had been expended. He said snow had affected the budget and salt and contracted services had been over-expended, as well as Public Works overtime. He stated that they had collected 96% of the Town's estimated revenues for the year which were \$2 million More than last year.

138

Town Administrator Fournier next addressed the Wastewater Award stating that the Town of Newmarket 139 was selected as the overall winner of the annual American Council of Engineering Companies of New 140 Hampshire (ALEC-NH) 2018 Engineering Excellence Award for the upgrade project recently completed on 141 the Town's Wastewater Treatment Facility (WWTF). He said the winning project was a significant step 142 toward improving water quality in the New Hampshire Great Bay Estuary by reducing the total nitrogen 143 concentrations in effluent of the region's wastewater treatment facilities. He said since startup in 2017, 144 the Newmarket WWTF had achieved lower effluent total nitrogen concentration levels than required by 145 State and local mandates. He said he wanted to publicly thank Environmental Services Director Sean Greig 146 and his staff for all their work. An open-house would be scheduled in spring with a dedication. 147

148

149 Town Administrator stated that he had scheduled the **Goal-Setting Session** with Primex for April 11, 2018 150 at 6:00 pm.

151

Town Administrator Fournier stated that he would be in Concord tomorrow with the Town Moderator to testify in opposition to Senate Bill 438, that would place the responsibility to postpone an annual election in the hands of the Secretary of State and not the Town Moderator. He said most municipalities opposing the bill preferred to allow the Town Moderator to make that decision based on weather and any other incidents/events which might occur.

157

Town Administrator said that **COAST Bus** would be changing their Route 7 bus service from a fixed schedule to an on-demand service, as ridership had dropped dramatically. Riders should call COAST Bus the day before requested pickup. He said the Town would hold public information sessions and get the information out to riders. He also addressed Spring Cleanup and Said it was no longer offered due to liability, and there would be no curb-side waste pickup.

163

#### 164 TOWN COUNCIL ORIENTATION

165

166 Town Administrator Fournier welcomed Zachary Dumont as a Council member. He then presented a 167 review of the rules and duties of the Council and councilors.

168

Town Administrator Fournier said the Town Council serves as the legislative and governing body of the Town, corresponding in the corporate world With residents/voters equal to shareholders, Town Council equal to Board of Directors, and the Town Administrator as the Chief Executive Officer. He said Town Councils are not Select Boards and are a council/management form of government. Per the Town Charter the Council has all the power of city councils except to adopt the budget, and by State law all actions of a city apply to a town council.

175

#### 176 Role of the Town Council with the Town Administrator

Town Administrator Fournier stated that the Town Council cannot get involved in the day-to-day operations of the Town. He said per RSA 49-D:2, the Town Council appoints a chief administrative officer, or Town Administrator. The Town Administrator has all the authority of a Town Manager according to Town Charter and State Law. The Town Council makes policy, and the Town Administrator and staff carry out the policies.

182

#### 183 Role of the Town Council

Town Administrator Fournier said that the Town Council must act as a body and no one councilor can influence the ToWn Administrator or other employees, and must deal with employees through the Town Administrator. Violation of these rules is a forfeiture of office (RSA 49-D:4). He said the Town Council must adopt all laws and has budgetary control, with the Budget Committee and Town Meeting only able to approve the bottom-line of the budget. He said the Town Administrator has financial responsibility and must approve any manifests for payment, establish purchasing codes, and appoint the Town Treasurer.

190

191 Town Administrator Fournier said it was important for councilors to realize they are on a team, and that 192 no one councilor has more or less authority than anyone else. He said they represent the community at 193 all times, and are serving for public service and not personal or professional gain.

194

#### 195 Town Council Relations with Each Other

Town Administrator Fournier emphasized setting long-term and short-term goals and objectives as a team and to treat each other and the staff with respect. He said councilors were entitled to have time to review all facts presented before making a decision, and that the public should be informed when the Council is voting on an issue. He said councilors should act on what the Council as a whole decides, and realize that the actions of the Council as a whole are binding.

201

#### 202 Role of the Town Council Chair

Town Administrator Fournier stated that the Council Chair was the ceremonial head of the Town government, with no more authority than any other councilor. He runs the meetings and assists the Council in reaching decisions, and acts as a liaison between the Council and the Town Administrator and helps relieve conflicts between the two.

207

#### 208 Town Council Relationship with Staff

Town Administrator Fournier asked that councilors not micromanage staff, and let himself and the Department Heads run the day-to-day operations. He said they should follow proper procedure, reporting any staff issues to the Town Administrator, and funneling all local government matters through the Town Administrator. He asked that councilors deal with the Town Attorney either through him or through the Town Council as a whole.

214

#### 215 General Information

Town Administrator Fournier stated that the Town Council meetings were held the first and third Wednesdays of the month, and the Agenda closed at 12 noon on the Wednesday prior to the meeting. He said no topic could be placed on the agenda after that time unless it was an emergency. He said Town Council packets were available the Friday before a meeting, and recommended councilors try to get

answers from the Town Administrator prior to the meeting. He said the Town Council votes on
 Ordinances, laws adopted by the Council, and Resolutions, policies or positions adopted by the Council.

Town Administrator Fournier suggested that for good training, the New Hampshire Municipal Association offered various training sessions and some Webinars. He said as elected officials, councilors were allowed to participate. He said traditionally a Council session is held on the Right-to-Know Law and he would speak with the Town Attorney to set that up.

227

<u>Discussion</u>: Vice-Chair Weinstein asked about petition warrant articles with relation to setting up a Rights-Based Ordinance in the Town and said there Was some conflicting information in the Charter versus RSAs. Town Administrator Fournier said the RSA they Were reading applied to toWns, not council-management forms of government with the ToWn Council as the governing body. He said a councilor can introduce any piece of legislation, but the public cannot introduce legislation to the Council.

233

<u>Discussion ofTA Report</u>: Chairman Pike asked how long it might take before the Council heard back from the Newmarket Business Association about the parking. Town Administrator Fournier said he presented the information and was waiting for a response. Chairman Pike said it seemed the Police Department showed quite a spike in calls over the last month, and Town Administrator Fournier said they logged any call or service they performed. Vice-Chair Weinstein said she had gone back and tracked this and it was just a snapshot of a month and did not give a lot of information.

240

Town Administrator Fournier said if the new Council Wanted different information in the monthly reports 241 it could be changed. Chairman Pike suggested they Workshop the issue and have everyone review the 242 information in the reports. He asked about the issue with police vehicles suddenly losing power and asked 243 if there was any recall. Town Administrator Fournier said Ford was not fixing the issue at this time. 244 Councilor Dumont asked how many vehicles in the Police Force were affected, and Town Administrator 245 Fournier said he would find out. Vice-Chair Weinstein asked how Dispatch services were going with 246 Newfields, and Town Administrator Fournier said things Were going Well and the Town might start talking 247 with other communities. 248

#### 250 COMMITTEE REPORTS

251

249

252 Councilor Kast reported that the *Planning Board* had met March 20<sup>th</sup>, and moved to the Town Council to 253 consider an amendment to Chapter 32–Zoning pertaining to providing an option to the Planning Board to 254 waive impact fees for Accessory Dwelling Units which do not increase the total number of bedrooms on 255 the property. Town Administrator Fournier said the first reading would be at the April 4<sup>th</sup> meeting.

256

257 Councilor Finch said the *Conservation Commission* had met March 15<sup>th</sup> and were wrapping up the 258 remaining term. He said some turtle surveying monitoring Was going on from nearby wetlands, the 259 Piscassic River-Loiselle Property kiosk sign had been finished and installed, and surveys and site walks 260 were finalized for easement, monitoring.

261

262 Chairman Pike said the *Macallen Dam Committee* had not met, but there had been some activity in terms 263 of process with meetings with adjacent landoWners. He said the Public Hearing about the Dam proposals

would be held at the second meeting in April. He said the confidence of the Dam Committee as a whole, as to which proposal made the most sense, had increased and there was a pretty good consensus at this time. He said the Lamprey River Advisory Committee had suggested the application for a grant.

267

268 OLD BUSINESS

#### 270 ORDINANCES AND RESOLUTIONS IN THE 2<sup>ND</sup> READING

271

269

272 <u>Resolution #2017/2108-35</u> Authorizing the Town Administrator to enter into a Performance Contract
 273 Agreement with Energy Efficient Investments for HVAC, Lighting and Building Envelope Improvements
 274 to the Community Center.

275

Vice-Chair Weinstein made a MotiOn to approve <u>Resolution #2017/2108-35</u> Authorizing the Town
 Administrator to enter into a Performance Contract Agreement with Energy Efficient Investments for
 HVAC, Lighting and Building Envelope Improvements to the Community Center, which was seconded by
 Councilor Kast.

280

Facilities Director Greg Maries said he was looking for approval to move forward with some infrastructure repairs/upgrades at the Community Center. He said there was a major equipment failure of one of the 25year-old furnaces, and there were two other furnaces which would eventually fail. He said they tried to find ways to offset the associated costs and EEi had quickly conducted an energy audit for the building. He explained that by doing some serious lighting and building envelope upgrades along with the system upgrade, the costs would be partially offset by energy savings.

287

Facilities Director Maries said he was now asking to move forward with \$188,000 of repairs/replacements to the lighting and heating/cooling systems, as well as installing an energy management system and doing some building envelope upgrades. He said while they would not have enough energy savings to cover the total cost of what needed to be done, they needed to do something now. He said there were 2 other resolutions attached to this which would help offset costs by paying some initially with Capital funds and obtaining energy rebates, as well as looking at financing upgrades over a 10-year period. He said the resolution was to have upgrades and repairs through EEI, as they were faced with equipment failure.

295

<u>Discussion</u>: Councilor Bowden said he could see where the lighting and insulation costs would be important for energy savings, but asked if it might be prudent to Wait for the full facilities report coming out in April so they could look at the Town as a Whole. Facilities Director Marles said right now he had a piece of equipment not functioning and part of the building with no heating/cooling. Councilor Bowden asked if the lighting, insulation, and carpentry could wait. Facilities Director Marles said they could but that they would help pay for what needed to be done now. He explained that his report in April was the condition of overall facilities and cost projections but was not the audit being done by EEi.

303

Town Administrator Fournier said by rolling all these things into one project, the credits from lighting helped to offset the heating costs, and by taking them out they would lose the rebates. Vice-Chair Weinstein said she understood the need to fix the heating/cooling, and added that she was completely sold on Performance Contracting. She said in discussions they had talked about having no immediate or

Capital costs to the Town and felt the savings for this project were somewhat minimal compared to the overall costs. Chairman Pike said he came away with the same understanding, and asked how they could be sure they were getting the best value for this equipment purchase with no bidding process.

311

Facilities Director Maries stated that not every facility would have sufficient savings to pay for the 312 upgrades needed. He said in this case EEi also provided a cost-per-area, and said Siemens was involved in 313 the project as their Energy Management contractor. He said they could have gone out to bid but the 314 energy savings were approximately \$4,000/year to help offset the impact. Mike Davey of EEI stated that 315 the current equipment was standard efficiency (80%), but with the collaborative approach of insulating 316 the building they would install a new high-efficiency system. He said as far as carpentry, the heating unit 317 was located above a ceiling in an office which involved taking down the ceiling, opening the frame and 318 taking the old system out and installing the new system. 319

320

Facilities Director Maries said that part of this was also bringing the building up to compliance. Chairman Pike said he had read that recently 3 different heating units had cracked. Facilities Director Marles said the units were found to be cracked after inspections started, and therefore had to be addressed. He explained that the heating units at the Community Center were over-sized for the connecting loads which caused them to short-cycle. He said the Sally Port in the Police Department had a bad control and the heat exchanger in Public Works cracked as a fan had failed but the unit was still running. He sald maintenance would have caught more of them than not.

328

Councilor Bowden said he was still stuck on the lighting, and Facilities Director Maries said if the lighting were taken out they would lose \$7,350 in rebates. Mr. Davey said the lighting had a better payback than most of the others and a better return on investment. He said the idea of the process was a comprehensive modernization of the entire heating and lighting system. He said the removal of the lighting would take \$29,500 out of the project, remove \$2,100 in annual savings, and remove a rebate of \$7,350. Chairman Pike asked if they would follow this same procedure for the Town Hall of putting everything together and not bidding out for equipment.

336

Mr. Davey explained that EEi was chosen through a competitive selection process where pricing was 337 reviewed. He said the goal of this process for equipment was comprehensive, so that building insulation 338 and the right controls are installed and EEI monitors and makes sure savings and performance come 339 through. He said the Town was not obligated to use EEI for the entire process, but that a comprehensive 340 energy analysis and study behind the equipment was part of that process. Town Administrator Fournier 341 explained that with most performance contracting, you could only use their products, but that EEI chose 342 what fit best for the energy efficiency of the building. He said in this case they were leveraging the savings 343 in lighting against the cost of the furnace. 344

345

Vice-Chair Weinstein asked Facilities Director Marles to review the financing for this project. Facilities Director Maries said they had an \$188,000 expenditure, with \$25,000 being taken from Capital Reserves, another \$14,000 in rebates, and then a municipal lease to finance the remaining amount over a 10-year period. He said this would amount to approximately \$18,000/year in costs, plus \$3,950 in guaranteed energy savings, which an impact of \$14,000 year for the next 10 years. He said it would be part of the regular operational budget, broken down into several line items.

#### 352

Chairman Pike asked about the bidding process for the Town Hall. Mr. Davey said EEI's markup was included in their contract, and their bids would be fully transparent. Vice-Chair Weinstein asked if solar energy was being considered. Mr. Davey said they did consider comprehensive solar, but that roof conditions were a huge determining factor. In this instance the timing was too short.

357

Town Administrator Fournier polled the Council and <u>Resolution #2017/2108-35</u> Authorizing the Town Administrator to enter into a Performance Contract Agreement with Energy Efficient Investments for HVAC, Lighting and Building Envelope Improvements to the Community Center was approved by a vote of 7-0.

- 362
- 363 Chairman Pike asked that they take Resolutions 40 and 41 out of order.
- 364

365Resolution #2017/2108-40 Authorizing the Town Administrator to Withdraw \$25,000 from the Building366and Improvements Capital Reserve Fund for Required Infrastructure Repairs/Upgrades to the367Community Center.

368

Vice-Chair Weinstein made a motion to approve <u>Resolution #2017/2108-40</u> Authorizing the Town Administrator to withdraw \$25,000 from the Building and Improvements Capital Reserve Fund for Required Infrastructure Repairs/Upgrades to the Community Center, which was seconded by Councilor Burns.

373

375

374 Town Administrator Fournier stated that in future, financing would be included in one resolution.

Town Administrator Fournier polled the Council and <u>Resolution #2017/2108-40</u> Authorizing the Town
 Administrator to withdraw \$25,000 from the Building and Improvements Capital Reserve Fund for
 Required Infrastructure Repairs/Upgrades to the Community Center was approved by a Vote of 7-0.

379

383

Resolution #2017/2018-41 Authorizing the Town Administrator to enter into an Agreement with Municipal Leasing Consultants of Grand Isle, Vermont for a 10-Year Municipal Lease for Capital Repairs/Upgrades to the Community Center.

Vice-Chair Weinstein made a Motion to approve <u>Resolution #2017/2018-41</u> Authorizing the Town Administrator to enter into an Agreement with Municipal Leasing Consultants of Grand Isle, Vermont for a 10-Year Municipal Lease for Capital Repairs/Upgrades to the Community Center, which was seconded by Councilor Bowden.

388

Town Administrator Fournier polled the Council and <u>Resolution #2017/2018-41</u> Authorizing the Town Administrator to enter into on Agreement with Municipal Leasing Consultants of Grand Isle, Vermont for a 10-Yeor Municipal Lease for Capital Repairs/Upgrades to the Community Center was approved by a vote of 7-0.

393

394 <u>Resolution #2017/2018-38</u> The Purchase of Six (6) Motorola Mobile Radios for the Fire Department.
 395

Vice-Chair Weinstein made a motion to approve Resolution #2017/2018-38 The Purchase of Six (6) 396 Motorola Mobile Radios for the Fire Department, which was seconded by Councilor Kast. 397 398 Fire Chief Rick Malasky said the radios were up for replacement as they were no longer supported by 399 Motorola. He said due to a mistake in the Motorola software provided to Rockingham County Dispatch, 400 all Police and Fire Departments in Rockingham County were eligible to purchase any Motorola mobile 401 radio at 50% off with free installation. Councilor Dumont asked what types of radios were being 402 purchased, and Fire Chief Malasky said they were all mobile radios, 4 dual-head and 2 single-head. 403 404 Town Administrator Fournier polled the Council and Resolution #2017/2018-38 The Purchase of Six (6) 405 Motorola Mobile Radios for the Fire Department was approved by a vote of 7-0. 406 407 Resolution #2017/2108-39 Purchase a 2018 Ford F350 4X4 Truck with Plow for Public Works 408 409 Department. 410 Vice-Chair Weinstein made a motion to approve Resolution #2017/2108-39 Purchase a 2018 Ford F350 411 4X4 Truck with Plow for Public Works Department, which was seconded by Councilor Burns. 412 413 Public Works Director Malasky said this vehicle was the State bid price for a 2018 Ford F350 with plow. 414 Town Administrator Fournier explained that with a State bid, the bidding was done by the State which 415 supersedes the Town bidding process. Councilor Dumont asked about the life-cycle for the vehicle, and 416 Public Works Director Malasky said it was usually 10 years but they pushed them to 12 years. 417 418 Town Administrator Fournier polled the Council and Resolution #2017/2108-39 Purchase a 2018 Ford F350 419 4X4 Truck with Plow for Public Works Department was approved by a vote of 7-0. 420 421 ORDINANCES AND RESOLUTIONS IN THE 3RD READING - None 422 423 ITEMIS LAID ON THE TABLE 424 425 Resolution #2015/2016-52 Authorizing the Designation of a Portion of Route 152 as an Economic Recovery 426 Zone. (This Resolution is tabled from the June 15, 2016 Council Meeting pending Planning Board action.) 427 428 NEW BUSINESS /CORRESPONDENCE 429 430 TOWN COUNCIL TO CONSIDER NOMINATIONS, APPOINTMENTS AND ELECTIONS 431 432 Macallen Dam Committee 433 Candidate: Henry Smith – Term Expires March 2019 434 435 Vice-Chair Weinstein made a motion to approve the nomination of Henry Smith - Term Expires March 436 2019 as a member of the Macallen Dam Committee, which was seconded by Councilor Burns. 437 438

439 440	Town Administrator Fournier polled the Council and the nomination of <i>Henry Smith</i> as a member of the <i>Macallen Dam Committee</i> was approved by a vote of 7-0.
441	
442	Cemetery Trustee
443 444	Candidate: Michael Pelczar – Term Expires March 2021
445	Vice-Chair Weinstein made a motion to approve the nomination of Michael Pelczar – Term Expires
446 447	March 2021 as a Cemetery Trustee, which was seconded by Councilor Thompson.
448	Town Administrator Fournier polled the Council and the nomination of Michael Pelczar as a Cemetery
449 450	<i>Trustee</i> was approved by a vote of 7-0.
451	Conservation Commission Alternate
452 453	Candidate: Drew Kiefaber– Term Expires March 2021
454	Vice-Chair Weinstein made a motion to approve the nomination of Drew Kiefaber-Term Expires March
455 456 457	2021 as an Alternate Member to Conservation Commission, which was seconded by Councilor Burns.
458	Town Administrator Fournier polled the Council and the nomination of Drew Kiefaber as an Alternate
459 460	Member of the Conservation Commission was approved by a vote of 7-0.
461	Zoning Board of Adjustments (ZBA)
462 463	Candidate: James Drago – Term Expires March 2021
464	Vice-Chair Weinstein made a motion to approve the nomination of James Drago- Term Expires March
465 466	2021 to the Zoning Board of Adjustments (ZBA), which was seconded by Councilor Burns.
467	Town Administrator Fournier polled the Council and the nomination of James Drago to the Zoning Board
468 469	of Adjustments (ZBA) was approved by a vote of 7-0.
470	Veterans Memorial Trust Committee
471 472	Candidate: Philip Nazzaro – Term expires 2021
473	Vice-Chair Weinstein made a motion to approve the nomination of Philip Nazzaro – Term expires 2021
474 475	as a member of the Veterans Memorial Trust Committee, which was seconded by Councilor Bowden.
476	Town Administrator Fournier polled the Council and the nomination of David Wade as a member of the
477	Veterans Memorial Trust Committee was approved by a vote of 6-0.
4/8	
479 480	ORDINANCES AND RESOLUTIONS IN THE 1" READING - None
481 482	CORRESPONDENCE – None
483	CLOSING COMMENTS

484

485 Councilor Finch brought to the attention of the Council that Article 11 in the Town Charter, under 486 Administrative Committees, says that at least annually and in February the Town Council shall meet with 487 the Chairs of all standing Town committees to review all significant actions taken by each. He suggested 488 possibly assembling the Chairs all at one time for some cross-pollination of ideas. He said he was aware 489 that the Conservation Commission had a lot of questions about some Dam Committee issues.

490

Chairman Pike said he appreciated Councilor Finch bringing that forward as he was not aware of the issue.
He said the Council was requesting more joint meetings, and said a Planning Board joint meeting was
scheduled for June and a School Board joint meeting for May. He felt it would be good to send a copy of
the preliminary Dam Report out to the Conservation Commission.

- 495
- 496 Councilor Bowden said that currently there was no Middle School Girls Softball Coach, and asked that 497 anyone interested please step up.
- 499 **NEXT MEETING:** The next Regular ToWn Council Meeting will be held on April 4, 2018 in the ToWn Council 500 Chambers.
- 501

498

- 502 ADJOURNMENT
- 503
- 504 Chairman Pike adjourned the meeting at 9:10 pm.
- 505
- 506 Respectfully submitted,
- 507 Patricia Denmark, Recording Secretary

1	
2	
3	
4	
5	TOWN OF NEWMARKET, NEW HAMPSHIRE
6	TOWN COUNCIL REGULAR MEETING
7	APRIL 4, 2018 7:00 PM
8	TOWN COUNCIL CHAMBERS
9 10	
10 11 12	PRESENT: Council Chairman Dale Pike, Council Vice Chairman Toni Weinstein, Councilor Gretchen Kast, Councilor Kyle Bowden, Councilor Amy Burns
15	EXCUSED: Councilor Casey Finch, Councilor Zachary Dumont
15 16 17 18	ALSO PRESENT: Town Administrator Steve Fournier, Fire Chief Rick Malasky, Bill Wood of NH Bureau of Emergency Medical Services, Nancy Vaughn of NH American Heart Association
19	AGENDA
20	
21 22	Chairman Dale Pike welcomed everyone to the April 4, 2018 Newmarket Town Council Meeting and called the meeting to order at 7:00 pm, followed by the Pledge of Allegiance.
23 24	Chairman Pike stated that Councilor Casey Finch and Councilor Zach Dumont were excused.
25 26	PUBLIC FORUM
27	of the pitch would be public the met 7:02 mm and said conceptatives from HoartSafe would be
28	chairman Pike opened the Public Forum at 7.02 pm, and said representatives from field Gare would be
29	presenting an award.
30	Mr. Bill Wood Prenaredness & Special Projects Coordinator with the Bureau of Emergency Medical
32	Services. NH Department of Safety, said he was there with Nancy Vaughn of the American Heart
33	Association. He said for the last 10 years the American Heart Association, the Department of Safety, and
34	the Department of Health & Human Services instituted the HeartSafe Communities initiative to recognize
35	municipalities that had organized community CPR programs, advocated for public access to defibrillators
36	and advanced life-support capability to try to mitigate sudden cardiac arrest incidents in New Hampshire.
37	He said currently, the EMS system averaged approximately 250 adult cardiac arrests per month.
38	
39	
40	

Mr. Wood said that Newmarket was the 28<sup>th</sup> town in the State to attain HeartSafe Community recognition, and gave kudos to the Newmarket Fire & Rescue Department, Public Safety, and local Hospitals. He said the Town of Newmarket would be receiving a HeartSafe sign. He presented a certificate which stated that this was an opportunity for the Town to positively impact citizens and visitors to New Hampshire, with the goal of the program to increase survival rates of sudden cardiac arrest. The document was signed by Deborah Pendergast, NH Director of Fire Safety and Training and EMS.

- Nancy Vaughn, of the American Heart Association, said she had been working with Mr. Wood and others at EMS Developmental Health on HeartSafe Communities for a number of years. She said that it was not an easy designation for a town to reach, and involved a great deal of work by the community to increase the chances of survival of their residents. She said the American Heart Association was all about saving lives. She presented an official HeartSafe Certificate to Newmarket for meeting the criteria to be designated as a New Hampshire HeartSafe Community.
- 54

Fire Chief Rick Malasky said he would like to add that Garret Thompson, who taught the CPR classes in their department, had worked very hard for Newmarket to achieve this designation and should take all the credit for the accomplishment.

- 58
- 59 Chairman Pike closed the Public Forum at 7:08 pm.
- 60

61 **PUBLIC HEARING** – None

- 62 63 TOWN COUNCIL TO CONSIDER ACCEPTANCE OF MINUTES – None
- 65 REPORT OF THE TOWN ADMINSTRATOR
- 66

64

Town Administrator Steve Fournier reminded the Council that a **Goal**-Setting Session was scheduled for the following Wednesday, April 11, 2018, at 6:00 pm in the Auditorium. He said the facilitator was asking for councilors to come up with 3 goals they would like to see achieved in the next year. He said they would first review previous goals and add on or revamp the goals from last year.

71

Town Administrator Fournier stated that Channel **13 Upgra**des were being made to equipment which should be finished shortly. He said the Town had switched to a new online system called Televue, which improved the streaming and sound quality of the meetings. He said Channel 13 was also streaming live constantly.

76

Town Administrator Fournier stated that the Newmarket School District had begun researching placing a
School Research Officer at the elementary level, with funding to come from the School Budget. He said
ChiefTrue, the Superintendent, and himself were working on getting a plan to the School Board.

80

Town Administrator Fournier said he was pleased to announce that the Newmarket Recreation Department had been selected to move forward to the next round in the grant application process to receive funding for a Splash Pad and Bath House Grant from the National Park Service, to be installed in Leo Landroche Field. He said the grant would fund approximately 50% of the \$400,000 project cost, with

85 the remainder coming from Capital Reserves and Impact Fees. He said though this was not notice of the 86 award, it was a big step forward.

87

Town Administrator Fournier stated that Town of Newmarket would be holding their annual **Great Bay** Half Marathon and the Center for Orthopedics and Movement 5K Road Race on Sunday, April 8, 2018. He said the new start and finish for the race would be Downtown in the area of the War Memorial, and there would be road closures and delays. He said Downtown would be closing at 8:00 am before the 11:00 am start of the race, and reopening around 3:00 pm. He said signs would be displayed throughout the Town.

#### 95 COMMITTEE REPORT5

96

97 Vice-Chair Weinstein said the *Energy & Environment Advisory Committee* had met last evening. She said 98 they had a great presentation by Facilities Director Greg Marles with the chance for him to interact with 99 committee members. She said they had decided to form sub-committees to meet with Facilities Director 100 Maries individually, and they also considered ways the committee could assist the Facilities Director with 101 what he was already doing.

102

#### 103 OLD BUSINES5

104

106

108

105 ORDINANCES AND RESOLUTIONS IN THE 2<sup>ND</sup> READING - None

107 ORDINANCES AND RESOLUTIONS IN THE 3RD READING - None

#### 109 ITEM5 LAID ON THE TABLE

110

111 Town Administrator Fournier said he recommended that the Council make a motion to remove the item 112 from the table and vote it down. He said it could be brought back up when things were ready, as the 113 Planning Board was still looking at zoning changes.

114

115Resolution #2015/2016-52Authorizing the Designation of a Portion of Route 152 as an Economic116Recovery Zone. (This Resolution is tabled from the June 15, 2016 Council Meeting pending Planning Board117action.)

118

Vice-Chair Weinstein made a motion to remove <u>Resolution #2015/2016-52</u> Authorizing the Designation of
 *a Portion of Route 152 as an Economic Recovery Zone* from the table, which was seconded by Councilor
 Burns. Town Administrator Fournier polled the Council and the motion to remove <u>Resolution #2015/2016-</u>
 <u>52</u> Authorizing the Designation of a Portion of Route 152 as an Economic Recovery Zone from the table
 was approved by a vote of 5-0.

124

Vice-Chair Weinstein made a motion to approve <u>Resolution #2015/2016-52</u> Authorizing the Designation
 of a Portion of Route 152 as an Economic Recovery Zone, which was seconded by Councilor Bowden. Town
 Administrator Fournier polled the Council and the motion to approve <u>Resolution #2015/2016-52</u>

3

128	Authorizing the Designation of a Portion of Route 152 as an Economic Recovery Zone failed by a vote of 0-
129	5.
130	
131	NEW BUSINESS /CORRESPONDENCE
132	
133	TOWN COUNCIL TO CONSIDER NOMINATIONS, APPOINTMENTS AND ELECTIONS
134	
135	Macallen Dam Study Committee
136	Candidate: Wendy "Willow" Ferrin – Term Expires March 2019
137	
138	Vice-Chair Weinstein made a motion to approve the nomination of Wendy "Willow" Ferrin – Term
139	Expires March 2019 as a member of the Macallen Dom Study Committee, which was seconded by
140	Councilor Burns.
141	
142	Town Administrator Fournier polled the Council and the nomination of Wendy "Willow" Ferrin as a
143	member of the Macallen Dam Study Committee was approved by a vote of 5-0.
144	
145	ORDINANCES AND RESOLUTIONS IN THE 1 <sup>ST</sup> READING
146	
147	Ordinance # 2017-2018-03 Amendments to Chapter 32 Zoning, Section 32-238 Impact Fees of the
148	Municipal Code of the Town of Newmarket and Zoning Ordinance, Adopted 2/14/1996 as Amended
149	through October 18. 2017
150	
151	Chairman Pike read Ordingnce# 2017-2018-03 Amendments to Chapter 32 Zoning, Section 32-238 Impact
152	Eees of the Municipal Code of the Town of Newmarket and Zonina Ordinance, Adopted 2/14/1996 as
152	Amended through October 18, 2017 by title Only.
154	Anenaca entough occoper 10, 2017 ay ente only
154	Population #2017/2018-42 Purchase of a Ford Taurus Upmarked Cruiser for the Police Department to
156	include Costs Associated with Replacement of Emergency Lighting, and Equipment Set-up
157	include costs Associated that heplasement of Emergency Astraig, and Administration and
158	Town Administrator Fournier read Resolution #2017/2018-42 Purchase of a Ford Taurus Unmarked
159	Cruiser for the Police Department to include Costs Associated with Replacement of Emergency Lighting,
160	and Equipment Set-up in full.
161	
162	Resolution #2017/2018-43 Purchase of a Ford Interceptor SUV for the Police Department to include
163	Costs Associated with Replacement and/or Transferal of Emergency Lighting, and Equipment Set-up
164	
165	Chairman Pike read <u>Resolution #2017/2018-43</u> Purchase of a Ford Interceptor SUV for the Police
166	Department to include Costs Associated with Replacement and/or Transferal of Emergency Lighting, and
167	Equipment Set-up in full.
168	
169	Resolution #2017/2018-44 Purchase of Tucker Property for Conservation Purposes
170	
171	Chairman Pike read <u>Resolution #2017/2018-44</u> Purchase of Tucker Property for Conservation Purposes In
172	Tull.
1/3	

174	Resolution #2017/2018-45 Adoption of the Newmarket, NH Multi-Hazard Mitigation Plan Update
175	
176	Chairman Pike read <u>Resolution #2017/2018-45</u> Adoption of the Newmarket, NH Multi-Hazard Mitigation
177	<i>Plan Update</i> in full.
178	
179	Councilor Kast stated that she found a substantive error in the wording of Ordinance# 2017-2018-03
180	which needed amending. Town Administrator Fournier asked her to email the error and said they would
1 <b>8</b> 1	amend at the next regular meeting.
182	
<b>18</b> 3	CORRESPONDENCE – None
184	
185	CLOSING COMMENTS
186	
187	Vice-Chair Weinstein said that the Roadside Cleanup would be happening this year on Sunday, April 29,
188	2018 from 1:00 pm-4:00 pm. She emphasized that this was not Spring Cleanup but litter removal from
189	streets and roadways. She said they would focus on Grant Road, Ash Swamp Road, Route 152, and Hersey
<b>190</b>	Lane depending on how many people showed up to help.
191	
192	NEXT MEETING: The Town Council will meet April 11th for a Goal-Setting Session with Primex to be held
193	at 6:00 pm in the Auditorium. The next Regular Town Council Meeting will be held on April 18, 2018 in the
194	Town Council Chambers.
195	
196	ADJOURNMENT
197	
198	Chairman Pike adjourned the meeting at 7:27 pm.
199	
200	Respectfully submitted,
201	Patricia Denmark Recording Secretary



TOWN OF NEWMARKET, NEW HAMPSHIRE OFFICE of the TOWN ADMINISTRATOR

## REPORT OF THE TOWN ADMINISTRATOR April 18, 2018

TNC and Town Joint Project on Bay Road: The Town of Newmarket and The Nature Conservancy (TNC) are submitting a grant proposal for an Aquatic Resource Mitigation grant for the restoration of Bay Road's crossing of Lubberland Creek in Newmarket, NH. The project will achieve three primary goals:(1) to restore aquatic connectivity at the system's tidal/freshwater interface allowing diadromous fish passage at the perched Bay Road culvert, (2) to enhance the resilience of Lubberland Creek salt marsh, Great Bay estuary's second largest contiguous salt marsh and documented Exemplary natural community, by removing the existing tidal restriction at Bay Road with a structure that will allow upstream salt marsh migration, and (3) to remediate the flood hazard of this road-stream crossing, which overtops during flood events and thereby compromises public safety and contributes excess sediments and nutrients to Great Bay.

A multi-disciplinary partnership including Newmarket's Public Works Department and Conservation Commission, TNC, NHDES Coastal Program, NH Fish and Game Department, the University of New Hampshire and Wright-Pierce engineers completed the design and engineering phase of the project in 2016 (Phase I). A NOAA Coastal Resilience Grant through the NHCP supported Phase I efforts, which resulted in a nearly shovel-ready project with 90% plans.

Lubberland Creek currently passes through a 36-inch squashed, corrugated metal pipe at Bay Road. To accommodate sea level rise and 100-year storm events (using National Research Council sea level rise scenarios and Northeast Regional Climate center data, respectively) the replacement box culvert will span 16 feet. The invert will drop approximately three feet to restore full aquatic organism passage from its current barrier status, with a vertical structural span of nine feet.

We are estimating the total project will be about \$466,000, with the Town picking up \$136,500 and \$250,000 from the ARM grant. The remainder would come from other grants and sources.

**FY18 Budget:** At the end of March with 75% of the year complete, we have expended 74% of the operating budget and remain under budget at this time. Roadways have expended 90% of their operating budget at this time; this is mainly due to salt costs. Fire is also higher than normal; this is due to the new program paying stipends to have firefighters on call during the weekend to improve response time.

Revenues continue to be higher than normal as well.

TOWN HALL • 186 MAIN STREET • NEWMARKET • NEW HAMPSHIRE • 03857 TEL: (603) 659-3617 • FAX: (603) 659-8508 • sf ournier@newmarketnh.gov www.newmarketnh.gov

#### **ONGOING PROJECTS**

\*\*\*This section will not be reported on orally to the Town Council at the meeting, but will use this as a chance to update on auy developments in ongoing projects. \*\*\*

**Downtown Parking:** I reached out to the NBA parking representative to see where they are in the process and have not heard from them yet.

**Town Administrator Review:** The annual review of the Town Administrator begins on May 1, with the distribution of the annual evaluation, which is due the end of May. You will then meet with me in June to review.

Agenda Software: We have seen the first version of our online agenda software and have begun to use it. Department Heads will be trained shortly. We should be going live with the Town Council in May.

Financial Software: We continue to meet to work on implementation.

Homeland Security Grant: The Emergency Management Team will be meeting on May 7 to continue on this.

School Resource Officer: No developments.

Splash Pad & Bath House Grant: No developments

Respectfully Submitted,

Stephen R. Fournier Town Administrator

#### Town of Newmarket, New Hampshire <u>Preliminary Expense Report</u> <sup>ab</sup> Forthe Period Ended March 31, 2018

		Fiscal Year 2018				Fiscal Year 2017					
Function Account Number	ACCOUNT DESCRIPTION	Budget	Month to Date Transactions	Year to Date Transactions	Balance Year	Percent Used	Budget	Month to Date Transactions	Yearto Date Transactions	Balance Year	Percent Used
Town Concil		19,200.00	3205 <b>0</b>	16,51125	2.68875	86%	19.300.00	472.50	19,007.00	293.00	98%
Town Administrator		192, 872.00	13.803 .29	145,817.96	46,054_04	76%	189.139.00	12,40378	146,565.89	42,573.11	77%
Finance		227,750.00	9,569.70	135,859 89	90,890 11	60%	205,844.00	21,101 52	146,326.35	60,517.65	7 1%
Human Resource		1,628,692,00	94,602 ,50	1,168,181.05	460,510.95	72%	1,515,14300	86,815.75	1,101,958 20	413,184 80	73%
Town Clerk/Tax Collector		168,528,00	13,49837	119,532.67	48,995.33	71%	175,442.00	12,750.99	124,617,21	51,824.79	71%
Accreation		203,351.00	15,218.24	149,566.26	53,784.74	74%	200,322.00	10,695_92	137,5 52.06	62,769.94	69%
Code Enforcement		70,731.00	5,052.83	51,080.15	19,65085	72%	59,755.00	5,955 .07	51,919.01	17,835,99	74%
DirectAssistance		35,580.00	1,066 20	13,681,54	21,898,46	3.8%	41,343_00	1,117.43	17,524.70	23,818.30	42%
Assessing		70,037.00	5,205.62	50,60095	19,436.05	72%	69,325_00	5,061,57	48,733,63	20,591.37	70%
Legal		80,00000	6,669_00	63,571,55	16,42844	79%	80,000,00	000	60,612,12	19,387.88	76%
Planning		126,215.00	8,622 .75	92,750.55	33,4 6445	73%	122,676.00	8,264 06	90,69801	31,977.99	7486
Conservation		2,941.00	214.20	1,609_79	t,33t.21	55%	2,941.00	0.00	1,437.50	1,503 50	49%
Economic Development		2,500.00	0.00	0,00	2,500.00	0%	2,500,00	0.00	1,284.95	1,215.05	51%
Debt Services		125,259.00	0.00	125,258.32	0.68	100%	129,759.00	0.00	129,758.32	068	100%
Information Technology		139,422.00	5,842,38	108,320_14	31,10186	78%	135,558_00	6,710_13	109,058 14	25,499.86	80%
Channel 13		32,043.00	2,158.98	25,08419	6,95881	78%	3t,58600	2,084_98	17,218.24	14,367.76	55%
Police		1,338,42600	93,756.04	888,794_17	449,631,83	68%	1,322.7 07.00	88,251_45	868,47718	454,229.82	66%
PublicWorks		434,282.00	43,389,51	350,923 05	83,358.95	81%	4 27,516.00	37,397.14	345,405.70	82,11030	81%
Readways & Sidewalks		520,27000	18,359,99	466,852.30	53,41770	90%	330,970.00	21,635.33	228,072,78	102,897,22	69%
StreetLights		49,00000	3,443.95	30,088.63	18,911 37	24%	49,000.00	3,882,91	33,651.58	15,348.42	69%
Building & Grounds		549,96500	55,210.28	391,63266	158,332 34	71%	482,233.00	26,150.78	320,981.34	161,251.66	67%
Cemetely		38,132.00	1,39125	15,009 21	23,122.79	39%	37 ,253 00	1,518.04	20,774.48	16,478 52	56%
Vehicle		194,000.00	8,38691	136,235.37	57,764.63	70%	206,500.00	19,346.23	129,817.49	76,682.51	63%
Fire & Resuce		376,958 00	37, 438, 57	306,172 44	70,785 56	81%	358,762,00	19,158.57	246,565,13	112,196.87	69%
Emergency		3,00000	0.00	0.00	3,000,00	0%	1,950.00	0,00	750.00	1,200.00	38%
Grants		61.50000	0.00	45,092.00	16,40800	73%	53,000.00	0.00	46,505,00	6,495.00	88%
Social Service Grant		41,303,00	0.00	37,203,00	4,100,00	90%	42,529_00	0.00	30,126,00	12,403.00	7.8%
Capital Reserve		555,1 <b>t50</b> 0	0.00	555,115.00	0.00	100%	575,115.00	0.00	575,115.00	000	100%
	Gen er al Fond	7,287,072 00	443,221.48	5,492,544.10	1,794,527,90	75%	6,880,168.00	390,775 15	5,050,513,01	1,829,654_99	73%
Library		316,955.00	20,999.10	213,77583	103,179.17	67%	314,704_00	20,690.31	312,364.11	2,339.89	99%
Recreation		279,115.00	6,921.30	207,166,53	71,948.47	74%	243,433.00	11,068.79	170,938.61	72,494,39	70%
Sold Waste		464,450.00	31,100.38	352,597.86	111,852_14	76%	447,356_00	34,071_37	339,347.81	108,008.19	76%
Water		t,137,78000	48,118.56	916,661,66	221,118.35	81%	932,813.00	62,52125	711,743.18	221,069.82	76%
Sewer		2,182,426.00	79,80162	1,493,024 .79	689,401.21	68%	1,177,968.00	54,127.54	793,t72.04	384,795.96	67%
	TotalOperating Budget	11,667,798 00	530,162,44	8,675,770.76	2,1392,027 .24	746	9,996,442.00	573,254 42	7,378,078.75	2,618,363.24	74%

#### Town of Newmarkel, New Hampshire Preliminary Expense <u>Report</u> <sup>ab</sup> Forthe Period Ended March 31, 2018

			Fiscal Year 2018					Fiscal Year 2017				
				Month to Dale	Year to Date				Month to Date	Year to Date		
Function	Account Number	ACCOUNT DESCRIPTION	Budget	Transactions	Transactions	Balance Year	Percent Used	Budget	Transactions	Transactions	Balance Year	Percent Used
	01-401-100-0000	TC- ELECTED SALARIES	11,000-00	0.00	11,000.00	0.00	100%	11,000.00	0.00	11,000_00	0.00	100%
	01-401-103-0000	TC- PART-TIME	7,800,00	217,50	4,998.46	2,801.54	64%	7,800.00	472.50	7,023.75	776.25	90%
	01-401-190-0000		15000	0.00	200.00	-162.79	2096	250.00	0.00	983.25	-7 33 25	393%
Town Cor	01-40/1-20/2-0000	TC-DENCRALSOFFICES	19,200.00	320.50	16,511.25	2,688,75	86%	19,300.00	472.50	19,007.00	29300	98%
	01-402-101-0000	T'A-FULL TIMESALARIES	141,472.00	11,521_73	110,068,82	31.4 0318	78%	135,095,00	10,347.07	103,400,29	31,694_71	77%
	01-402-103-0000	T A- PART TIME SALARIES	000	0.00	0.00	1 199 14	115%	4,00000	20.00	000 M 200 c	4,00000	60%
	01-402-190-0000	TA- INAINING/STAFF VEV	3 200 00	422 30	2 478 17	771.83	77%	3,00000	139.36	1.453 85	1,54615	48%
	01-402-202-0000	TA - GENERAL SUPPLIES	11,500.00	39.15	3,446.18	8,053.82	30%	11,500.00	354 85	5,111.55	6,388.45	44%
	01-402-301-0000	TA . COMMUNICATION SERVICES	4,200,00	100_00	2,999.56	1,200.44	71%	4.200.00	322 46	2, 720 30	1,47970	65%
	01-402-310 0002	TA - OUES/SUBSCRIPTIONS	10.50000	0.00	9,800.72	6992B	93%	10.500.00	20.00	8,654.00	1,835.00	83%
	01-402-310-0003	TA - AD VERTISING	2,50000	147.57	1,708.50	/9150	68%	2,500.00	109 03	2,984.40	-969.40	211 926
	01-402-310-0005	TA SOURS	8300.00	1 432 93	6 790 44	1 509.56	20226	8.344.00	1 005.41	7.752.54	59146	93%
	01-402 501-0000	TA - PRINTING/PUBLISHING	3,000-00	0.00	1,321,25	1,67875	44%	3,500,00	0.00	1.251.25	2,24875	3 6%
	01-402 702-0000	TA - CONTRACTED SERVICE	2,500.00	000	408.00	2,092_00	16%	2,500_00	0.00	10,073 17	-7,573.17	403%
Town Ad	ministrator		192, 872.00	13,803 29	146,817.96	46,054.04	76%	189,139.00	12,403.78	146,565.89	42,573.11	77%
	01 103 (00 0000	Children Contractor	000.00		00000	0.00	100%	00000	0.00	000.00	605	100%
	01-403-100-0000	IN ANCE - ELECTED OFFICIALS	134 7 00 00	B 250 71	90.463.00	44 237.00	67%	167.544.00	20.537 01	118.952 62	48.59138	71%
	01-403-103-0000	EIN ANCE - PART TIME SALARIES	5,000.00	0,230.11	3.750.03	1,24997	75%	5,00000	0.00	3,750.03	1,24997	75.96
	01-403-190-0000	FINANCE- TRAINING/STAFF DEVELOPMENT	1,000.00	0.00	4215	95785	4%	0.00	0.00	40.72	-4072	096
	01-403-202-0000	FINANCE - GENERAL SUPPLIES	5,000.00	21.00	3,158 59	1,841.41	63%	5,00000	452.29	3,509.47	1,490.58	70%
	01-403 301 0000	FINANCE - COMMUNICATIONS SERVICES	2,45000	1,297.99	2,956.72	-506 72	121%	2,400.00	72 22	1,257.70	1,14230	52%
	01-403-310-0001	FINANCE + BUDG ET COM MITTEE FXPENSE	60000	0.00	0.00	600.00	038	600.00	000	00.0	600.00	0%
	01-403-310-0003	FINANCE - ADVERTISING	1000.00	0.00	64.00	93600	6% 73 4	500 00 900 oc	, UUO 1 0.00	1,101.10	-0VII 6	220%
	01-002-002-0000	FINANCE - EUVERICHT MAINTCHANEL FINANCE - FIN SYSTEMI FASE	51 000 00	0.00	6752.00	47 247 00	13%	0.00	0.00	207.30	00.100	0%
	01-403-460-0000	FINANCE - RANK FEFS	14,000,00	000	32.40	-32.40	0%	0.00	40.00	31520	-315.20	09
	01 403-703 0000	FINANCE - ALIDIT	22,500.00	0.00	28,305.00	-5,805,00	126%	24,000.00	0.00	16,232.00	7,768.00	68%
Finance			227,750.00	9,569,70	136,859.89	90,890.11	60%	2 06, 844.00	21,301.52	146,32635	60,517.65	71%
			120101 00		17 01 7 27	45 309 33	6.9%	174 020 00	7 014 53	P2 060 77	10 998 23	67%
	DI 404 150-0000	EMP BEN - HUA	129,181.tr. 46,469 fil	9,22901 3,206,38	31,912,27	41,206.73	6.8%	45,13400	2,734.76	29.863.39	15,250.61	88%
	01-404-151-0000	EMP BEN - PRE-EMPLOYMENTTESTING	2 090-90	0.00	1,56380	436.20	78%	2,740.00	138.25	439 00	2,30100	16%
	01-404-155-0000	EMP BEN - HEALTH INSURANCE	650.085 0	44,465 77	449,42B.53	210,656.47	68%	585,734 .O	49,165.78	412,545.33	173,18867	70%
	01-404-156-0000	EMPBEN - NKRETIREMENT	441,315.00	35,557.18	348,829.03	92,486.97	799	426,379.00	29,680.66	311,080,35	115,298.65	73%
	01-404-159-0000	EMPBEN - LIFE/ DISABIUTY BENE	28,199.00	2,391.73	19,199.99	8,999.01	68%	27,660.00	3,764 73	18,285.78	9,374.22	66%
	01-404-160-0000	EMP BEN- WORKERSCOMPENSATION	138,931 00	-242 52	115,661.95	23,269.05	83%	125,389.00	.593 52	124,698 37	690.63	999
	01-404-161-0000	EMP BEN- UNEMPLOYMENT	1,788.00	0.00	1,163.45	624.55	65%	4,413.00	-9.44	1,600.69	2,812.31	369
	01-404-162-0000	EMP BEN - EMPLOYEE TESTING	1,000.00	J 0.00	584.25	415/5	58%	3 500 00	000	5/2.25	22.73	1196
	01-404-190-0000	HK- INAJNING STAFF DEVELOPMENT	2,500.00	j 0.00	1,000.87	45 00000	0/76	45 000.00	0.00	2,033.27	45 000.00	000
	01-464-198-0000	EMP BEN. LONGEVITY	22,950.00	0.00	17,325.00	5.62500	75%	22,275.00	0.00	15,750.00	6,52500	7 1%
	01-404-202-0000	HR-GENERAL SUPPLIES	0.00	0.00	21.00	-21.00	09	6 0.00	0.00	0.00	000	00
	01-404-504-0006	EMP BEN- PROPERTY LIABILITY INSURANCE	109,273.00	0.00	92,436.44	16,83556	85%	103,230,00	0.00	101,179,00	2,051.00	98%
	01-404-504-0007	EMP BEN- INSURANCE DEDUCTIBLES	0.00	0.00	1,00000	-1,000 00	0%	0.00	0.00	0.00	0,00	0%
Human H	lesource		1,020,093 0	94,002.50	1,168,181,05	400,510,55	1270	1,313,143.00	00,000,75	1,101,010,20	413,104 00	130
	01-405-101-0:000	TC/TC- FULL TIME SALARIES	108,305_0	D 8,561.00	81,280.39	27,024_61	75%	105.904 0	8,331,06	79,232.73	26,671 27	75%
	01-405-103-0000	TC/TC- PART TIME SALARIES	28,398.00	2,115 60	19,285.43	9,112.57	68%	27,919.00	2,012,00	18,09636	9,822 64	55%
	01-405-103-0070	IC/TC PT ELECTION OFFICIALS	2,925 0	0 600.00	1,264.40	1,660.60	43%	B,925.00	750,00	7,455.00	1,470.00	84%
	01~405-190-0000	TC/IC - TRAININGSTAFFDEVELOPMENT	2,250,00	115.37	1,323.04	926.96	9%	2,600.00	129.39	1,517.17	1,082,83	5 8%
	01-405-201-0000	TC/TC-POSTAGE	10,62040	) 422.68	3,/12_29	4,907.71	74%	3300.0	1,1/1.2/ 1 10-00	5,891.75	75759	77%
	01-405-202-1000	TOTE - GENERAL SUPPLIES	1600.00	000	429 38	51112	67%	1600.0	119.15	969.46	630.54	61%
	01-405-310-0002	TC/TC- OUFS/SUBSCERPTIONS	480.00	0.00	201.45	278.55	42%	489.06	75,00	216_95	272.05	41%
	01-405-310-0070	TC/TC ELECTION/REGISTRATION	3,225.00	1,136.98	1,384.86	1,840.14	43%	8,113.00	142 63	3,721,47	4,391.53	469
	01-405-402-0000	TC/TC -EQUIPMENT MAINTENANCE	1,400 0	00.0	390.00	1.010.00	28%	1,400.00	0.00	527.50	872.50	388
	01-405-702-0000	TC/TC-DEEO RESEARCH	2,575.00	0.00	94894	1,626.06	37%	2,575 0	0 10 49	213 62	2,36138	83
	01 405 702 1000	TC/TC-CODIFICATION	958,00	000	4,32800	3,378.00	456%	3 95000	0.00	1,727.75	000	1823
Town Cli	Priz Tar Collector	TC/TC- EQUIPMENT PURCHASE	168.528.0	3 13 49837	119.53267	48.99533	71%	175.442.0	12,750.99	124,617.21	51,824.79	7 194
				.,								
	01-405-101-0000	RECREATION-FULL TIME SALARIES	157,313.0	13,42045	130,02345	27,289,55	83%	154,229.00	7,203.10	101,606,16	52,622 84	669
	01 .406-103-0000	RECREATION PARTTIME SALARIES	26,238.0	981.50	3,867.50	22,370.50	) 15%	25,486.00	) 2,414.78	25,803 87	317 87	1019
	01-406-190-0000	RECREATION-TRAINING/STAFF DEVELOP.	2,000.00	174 51	1,390.30	609 TU	70%	2,000.00	) (00	1,0/2./5	927.25	547
	01-405-191-0000	RECREATION MEALALLOWING	3000	0.00	403.21	33.57	100%	300.0	, 000 5 0.00	161.05	13894	549
	01-406-201-0000	RECREATION POSTAGE	7000	3 0.00	0.00	700.00	09	1,500.00	000	3.99	1,496.01	09
	01-405-202-0000	RECREATION GENERALSUPPLIES	1,750.00	) 79.71	1,659_35	9065	95%	1,650,00	131.98	1,635.78	14,22	999
	01-406-302-0000	RECREATION-COMMUNICATION SERVICE	3,200.00	50.67	3,183,81	1619	999	6 3,2BB ,0	0 365 27	2,722.41	565.59	839
	01-406-310-0002	RECREATION-DUES/SUBSCRIPTIONS	1,200.00	31.98	981.35	218.65	825	1,233.0	49.99	337 23	895.77	27%
	01-406-402-0000	RECREATION-EQUIP. MAINENANCE	6,750_0	0 27988	6,722.23	27.77	100%	6,630.0	J 279 88	2,958 17	3,677.83	45%
	01-405-800-0000	RECREATION EQUIP. PURCHASE RECREATION STUDIES SUMPER TO COM	1,2000	ປ 6.79 ] ເລາະະ	4/0 66	1864.06	+ ±9% } ?™	2 500.0	, U.00 ) 751.40	SEL URC	1,935,09	442
Recreation	0000-909-909-10	RECOUNTED IN SOME SUBJECT OF CIR	203,351.0	0 15,218,24	149,566 26	53,784.74	74%	200,322.0	0 10,696.92	137, 55206	62,769.94	699
	01-407-101-0000	CODE FULL-TIME SALARIES	25,356.0	0 1,950,17	19,277.43	6,07857	761	25,356 0	J 1,95041	19,560.03	\$,795.97	778
	01 407-103 0000	CODE - PARTTIME SALARIES	39,8 95.0	2,800.84	28,10457	11,790.43	709	38,919 0	3,582,52	29,588,94	9,330 0	76%
	01-40/-190-0000	CODE - TRAINING	1,000.0	v b500	16500	83500	1/5	1,000,00	1000	10.00	2760	1125 2017 (
	01407-202-0000	CODE - GENERAL SUPPLIES	27000	0 0.02	556.20	2.14380	219	2.700.00	134.00	63120	2,068.80	239
	Qt-407-301-0000	CODE - TELEPHONE	1,000.0	0 50.00	802.23	197.77	801	4 1,000.0	0 84.82	70049	29951	709
	01-407-310-0002	CODE - DUES/SUBSCRIPTIONS	400.0	0 184.00	2,066.00	-1,556.00	5179	400.0	3 184.00	1,225.95	-B2595	3065
	01-407-402-0000	CODE - EQUIPMENT MAINTENANCE	200.0	60.0 C	0.00	200.00	09	200.0	0.00	0.00	20000	05
	01-407-762-0000	CODE - U/B TESTING	50.0	000 000	000	50.00	03	6 500	0.00	0.00	50.00	05
Code En	for cement		70,731.0	5,052.83	51,080 \$	19,65085	729	69,755.0	5,955.01	51,919.01	17,835.99	/404

#### Town of Newmarket, New Hampshire Preiimin<u>ary Expense Report</u><sup>ab</sup> For the Period Ended March 31, 2018

			Fiscai Year 2018					Fis cai Year 2017				
Function	Account Number	ACCOUNT DESCRIPTION	Budget	Month to Date Transactions	Year to Date Transactions	Baiance Year	Percent Used	Budgel	MonthtoDate Transactions	Yeart o Date Transactions	Balance Year	Percent Used
	01-408-10 3-0000	DIR ASSIST - PART-TIME SALARIES	20,00000	1,035.00	9,641.43	10,358 57	48%	23,943.00	1,086.46	11,796 61	12,14639	49%
	01-408-190-0000	DIA ASSIST - TRAINING/STAFF DEVEL	150,00	0,00	0.00	150.00	0%	150.00	000	000	150.00	0%
	01-408-202-0000	DIR ASSIST - GENERAL SUPPLIES	38000	31.20	280.11	9989	/4%	200.00	30.97	24809	-48,09	12-976
	01-408-315 0038	DR ASSST = FOOD	1.060.00	0.00	0.00	1.000.00	0%	1,00000	0.00	0.00	1,000.00	0%
	01-408-315-0039	DR ASSIST- RENT	19,060.00	0.00	2,26000	7,740.00	23.%	10,000.00	0.00	4,730.00	5,270.00	47%
	01-408-315-0040	DIR ASSIST- ELECTRICITY	1.000.00	0.00	0.00	1,000.00	0%	1,000.00	0,00	0.00	1,000.00	016
	01-408-315-0041	DIR ASSIST- HEAT	1,00000	0.00	0.00	1,000.00	09	2,00000	0.00	0.00	2000.00	0%
	0 408-315-0042	DIR ASSIST - MEDICAL DIR ASSIST - MEDICAL	1,000_00	0,00	150000	1,000.00	15.0%	1,500.00	0.00	250.00	75000	505
DirectAss	sistance	DA ABJOT- MATELOANEO BO	35,58000	1,056 20	13,681 54	21,89846	38%	41,343_00	1,117.43	17,524.70	23,818 30	42%
	01-409-130-0000	ASSESS - CONTRACTED SERVICES	61,987.00	5,203.74	42,53607	19,450.95	693	60.475.00	5,044 93	40,69846	19,776,54	67%
	01-109-201-0000	ASSESS - POSTAGE	000	1.38	1785	-1789	01	500.00	16.54	11,17	458,83	29% A796
	01.409.310-0000	ASSESS - DUES/SUBSCRIPTIONS	150.00	0.00	12 6 3 3	150.00	03	150.00	0.00	0.00	150.00	0%
	01-409-407-0000	ASSESS - SOFTYVARE	7,900.00	0.00	7,920.00	-20.00	100%	7,700.00	0.00	7,760.00	-60.00	101%
Assessing			70,0 37.00	5,20562	50,600.95	19,486.05	72%	69,325.00	5,061 57	48,733.63	20,591.37	70%
	01 - 41 0-602-0000	LEGAL = LEGAL EXPENSES	80,000 00	6,669 00	63,571.56	16,428.44	795	80,00000	0.00	60,61212	19,387 88	76%
Legai			80,000 00	6,669.00	63,571.56	16,428.44	795	80,000,00	0.00	00,01217	19,387 88	1426
	01-411-101-0000	PLAN FULL TIMESALARIES	100,565.00	7,90947	75,81241	24,752_59	75%	98,731.00	7,735.67	75,030 14	23,700 86	75%
	01-411-103.0000	PLAN - PARTTIMESALARIES	2,000.00	0.00	000	2,000.00	C%	2,000,00	000	0.00	2,000.00	Q%.
	01-411-190-0000	PLAN - TRAINING /STATE DEVELOPMENT	1,500.00	175.04	1504/	1,339,53	13.9	4 1,500,00	99.91	14.45 876.47	1,425.55	370
	B1-411-201-0000 B1-411-202-0000	PLAN = PUSTAGE DIAN = GENEDAL SUDDITES	2,500,00	54.50	1 1505 7	1349 43	4694	2,000,00	82.99	1 293.37	706.63	65%
	18 411-202 0054	PLAN - MARPING SUPPLIES	4,000.00	0.00	3,00000	1,000.00	75%	4,000.00	0.00	3,000.00	1,000.00	75%
	01-411-301-0000	PLAN - COMMUNICATIONSSERVICES	650.00	0.00	657 .94	-7.94	101%	60000	51.73	485.17	114.83	81%
	01-411-310-0002	PLAN + DUES/SUBSCRIPTIONS	8,500.00	0.00	8,657.76	-57.76	101%	8,345.00	0.00	8,96 5.28	-520 28	107%
	01-411-310-0003	PLAN - AD VER TISING	3,00000	48285	1,925 59	1,07441	64%	2,000,00	277.71	979.13	1,02087	49%
Planning	CI-411-702-0000	PLAN - TAX MAPS	1,00000	0.00 8,6 22, 75	273.00 92,750.55	727.00	27%	1,000.00	0.00 8,254.05	0.00 90,698.01	1.00000 31,97799	74%
	61 412 102 0000	CON COMMA IN BECORDING SECONDARY	2000.00	254.20	1 760 76	63064	609	7 000 00	00.0	982 50	1.617.50	101
	01-413-103-0000	CON COMMA- PT RECOMPTING SECRETART	2000-00	214 20	1,305.50	5012	1.9%	60.00	0.00	60.00	0,01	100%
	01-413-20-2-0000	CON COMM GENERALSUPPLI	200,00	0.00	0.00	200.00	0%	200.00	0.00	75 00	125.00	38%
	01-413-310-0002	CON COMM - DUES/SUB SCRIPT	390.00	0.00	0.00	390.00	09	6 390.00	0.00	0.00	390.00	0%
	01-413-702-0000	CON COMM - CONTRACTED SERVICES	291 00	0,00	230.55	60.45	79%	291,00	0.00	320,00	-29 00	113%
Con serva	tion		2,841 00	21420	1,609.79	1,331_21	55%	2,941.00	0.00	1,437.50	1,503 ,50	49%
6	a 414 310-0000	ECON DEV - OPERATING EXPENSE	2,500.00	0.00	000	2,500,00	01	2,500.00	0.00	1,284.95	1,215 05	51%
Economic	C Development		2,500.00	0.00	uuu	2,500.00	0	2,51000	0.00	1,46430	1,213.03	310
	01-418-950-0000	DEBTSER - PRINCIPLE DEBTSER - INTEREST	100,000.00 25.259.00	0.00	25 25832	0.00	1007	100,000,00	0.00	29.758.32	0.00	100%
Debt Ser	vices		125,259.00	0,00	125,258 32	0.68	100%	128,759.00	0.00	129,758.32	0.68	100%
			C0 E 47 00	. 10210	F2 032 71	17 514 10	759	E9102.00	E 340.74	E1 (00) 10	17 001 00	76 %
	81-420-191-0000	MS = FULL TIME SALARIES	69,547.00	5,48348	52,822.71	17,524.23	127	1 000 00	0,349.74	51,051.10	17,031,50	100%
	61-420-202-0000	MS - GENERAL SUPPLIES	2 500.00	30823	3136.38	-635.38	125%	2,500.00	799.98	1,290.25	1.20975	52%
	01-420-301-0000	MIS COMMUNICATION SERVICE	60000	50.67	505.74	9426	84%	600.00	50.41	65363	-5363	109%
	01-420-310-0002	MIS - DUES SUBSCRIPTIONS	275.00	0.00	40000	-125.00	145%	275.00	0.00	125.00	15000	45%
	01-420-407-0000	M5 - SDFTWARE MAINT	45,000.00	0.00	38,88186	6,118.14	868	42,500.00	0:00	41,202,48	1,297.51	97%
	01-420-409-0000	MIS- REPAIRS/MAINT	4,500.00	0.00	2,637,22	1,862 78	50%	4,500.00	110.00	2,39591	2,10409	53%
	01-42 0-414-0000	MIS- SDELWARE LIVENSES	4,500.00	000	3,465,50	1,034,50	11%	4,500,00	90000	3,00792	10000	00%
	01-420-702-0000	MIS- NEW EXHIDMENT	10,000,00	0.00	6 271 23	3 728 27	63%	10,000,00	1 0.00	7.692.84	2.307.16	778
informati	on Technology		139,422.00	5,84238	108,320,14	31,101.85	78%	135,558 0	6,710.13	109,058.14	26,49986	80%
	01-421-103-0000	CHANNEL 13 PART TIME SALARIES	23,543.00	2,079.00	21,050.00	2,493_00	89%	6 23,086 00	1,755,00	12,26536	10,820.64	53%
	01-421 202-0000	CHANNEL 13 MISC EQUIPMENTS	6,000,00	79.98	2,034_19	3,965_81	34%	6,000.00	7998	2,046 88	3,953 12	3.4%
Channel	01-421-310-0000	CHANNEL 13 - OPERATING EXPENSES	2,500.00	2,158,98	2,000.00	500,00	805	6 2,500 00 6 31.586 00	250.00	2906 00	-405.00	55%
			1 050 3 55 00	70 541 01	N45 4 45 00	201 500 07	710	1 007 407 00	74.9/2.04	712 6 3 2 64	313 014 36	771.04
	01-438-101-0000	POLICE - FULL TIME SALAHIES	1,050,266,00	73,540,81	79.015.05	304,600.97 ALCOA 74	653	107.01000	3 003 55	72 0 50 11	34 95 9 89	67%
	01.438.103-0000	DOLLCE BART-TIME SALARIES	35.00000	1 976 78	17667 20	17 337 78	50%	35 000 00	2.035.53	20.061.40	14,93860	57%
	01-438 162-0000	POU CE- MEDICAL	2,50000	0.00	1,065.00	1,435.00	43%	2.500.00	0.00	940.08	1,559.92	38%
	01-438-190-0000	POU CE - TRAINING/ STAFF DEVELOPMENT	10,000.00	439.08	1,585 91	8,414.09	16%	6 18,000.00	1,050.00	4,758.16	5,241_84	48%
	01-4313-191-0000	POLICE - TRAVEL/MILE AGE	600.00	0.00	6527	534.73	119	600.00	0.00	1900	581.00	3%
	01-438-193 0000	POLICE - UNIFORMS	8,800.00	136 20	42888	8,3/1,12	58	5 8,800.00	2,12603	4,942.59	3,857.41	20%
	01-438-154-0000	POLICE CLEANING ALL DWANCE	2500.00	0.00	2 25000	25000	909	5 3.000,00 5 2 500,00	000	2 500.00	200.00	100%
	01438499-0000	P DLICE - CRIMINAL INVESTIGATION	2,000.00	0.00	194.75	1.805.25	109	6 2,000 D	) 137.80	\$56.33	1,443.67	28%
	01-438-200-0000	POLICE -YOUTH/PUBLIC RELATIONS	2,50000	0.00	64.98	2,435 02	38	6 2,500 O	399.98	1,300.22	1,199.78	52%
	01-438-201-0000	POLICE-POSTAGE	450.00	31.60	319.25	13075	71%	450.00	4932	323.44	126 56	72%
	01-438-202-0000	POLICE - OFFICE SUPPLIES	5,500:00	374 23	2,404.47	3,095 53	448	5,500.00	4 49	2,40045	3,099_54	44%
	01-438-202-0438	POLICE-GENERALSUPPLIES	400.00	2100	22525	174 75 c bc4 - a	559	400.00	21.00	185 00	21400	4/%
	01-438-209-0000	POINT OR ON THE POINT OF THE PO	12,000,00	1.994.50	9 37810	7,004,70	/37 ccc	16 SOD 00	1,0,5557	7 950 31	8 549 40	2 270 ARMA
	01-438-316-0007	POLICE - DUES/MEMARASHIPS	4 210 00	150.00	600.00	3610 00	145	4.210.00	000	42500	3.785 00	10%
	01-438-310-0005	POLICE - BOOKS/PUBLICATIONS	2,800.00	0.00	6285	2,737.15	29	6 2.800.00	0.00	467 80	2,33220	17%
	01-438-310-0044	POLICE - EQUIPMENT/FIELDSUPPLIES	6,000,00	86352	2,46163	3,53837	419	6 6.000.00	11659	90460	5,095 40	15%
	01-438-310-0045	POLICE - PRISONER EXPENSES	1,200.00	0.00	0.00	1,200.00	09	6 1,200.00	0.00	324.92	875.08	27%
	01-438-402-0000	POLICE EQUIP MAINTENANCE	5,000,00	462.00	545.29	4,454.71	119	5,000.00	0.00	542.82	4,357.18	13%
	01-438-410-0000	POLICE - EQUIPMENT LEASE POLICE - PRINTING / PHATISSING	26,500 00	4/6.76	11174	2 2,199.09 7 688 76	137	20,90000 2 800.00	010.76	3,130.87 AR4 99	1 915 01	1 978
	01-438-521-0000	POLICE - ANIMAL CONTROL	3.600.00	0.00	0.00	3,600.00	1 09	3,600 Dr	0.00	000	3,600.00	0%
Police			1.338,426.00	93,75604	888,79417	449,631 83	66	6 1,322,707.00	88,251 45	868,477 18	454,229 82	65%

#### Town of Newmarket, New Hampshiré <u>Preliminary Expense: Report <sup>ab</sup></u> For the Period Ended March 31, 2018

			Fiscal Year 2018				Fiscal Year 2017					
Evertine	Arcoust Number	ACCOMMY DESCRIPTION	Audeot	Month to Date	Year to Date Transactions	Ralanco Year	Percent Used	Budeet	Month to Date	Yeario Date Transactions	Balance Year	Percent Used
Tunction	Account herover	ACCOUNT DESCRIPTION	ouuget	Transienens								-
	01-441-101-(1000	PW ADMIN - FULL TIMESALARIES	119,732.00	9,274,24	90,357 74	29,374 26	75%	119,085,00	9,210.25	89,283_56	29,801.44	/5%
	01-441-102-0000	DW ADMIN. OVERTIME DW ADMIN - LARCE SALARIES	35,00000	20,923 50	178 760.78	55 989 22	76%	231.131.00	18.004.40	174.497.11	56.633.89	75%
	01-441-190-0000	PW ADMIN. TRAINING/STAFFDEVELOPMENT	1,000.00	000	50.00	95000	3%	1,000.00	0.00	1,20000	_200,00	120%
	01 441-193-0000	PW ADMIN. UNIFORMS	10,000.00	1,119 17	9,047_10	952 90	90%	10,000.00	803.65	6,437,39	3,562.61	64%
	01-441-201-0000	PW ADMIN - PDSTAGE	100 00	0.00	2 43	97 57	2%	100.00	3 26	32 58	67.42	33%
	01-441-202-0000	PW ADMIN - GENERAL SUPPLIES	7,500.00	727.66	5,526.71	1,873.29	75%	8,000,00	765 81	7.14803	851.97	89%
	01-441-301-0000	PW ADMIN COMMUNICATION SERVICE	7,000,00	347 33	7,180 88	-180 .88	103%	6.00000	597.52	5,565.79	434,21	93%
	01-441-310 0002	PWADMIN -DUES/MEMBERSHIPS	2,000.00	U.UU	18000	1,82000	9%	1,00000	2500	9000	910.00	970
Publi c W o	01-441-310-0003 piks	PWADMIN ADVERTISING	4 1 62 00	4378991	3'50 9'23 05	83.72.83	- 40.6 	12 Y 16 V	0 3337714	34 5 105 7	0 8317034D	8136
	01-012 102 0000	POMOVISMIK - GENERAL STIDDULES	15 000 00	1 21 4 41	15 850 99	149.01	09%	16.00000	517.78	15 804 70	19530	99%
	01-442-205-0000	RDWY/SWK - WINTERSALT	80,00000	13 837.74	107 833.94	-27,83394	135%	80.000.00	11.7 88.75	112,80042	-32,800.42	161%
	01-442208-0000	RDWY/SWK - WINTER SAND	6.200.00	0.00	0.00	6,20000	0%	6.200,00	0,00	000	6,200.00	016
	01-442-213-0000	RDWY/SWK - PAVEMENT MARKING	3,50000	0.00	3,638,69	-1 38 .69	104%	3.500,00	0.00	15,96	3,484.04	0%
	01-442-250-0000	RDWY/SWX COLD MIX	3,00000	1,113_20	3,146,40	-146 40	105%	3.000.00	928 80	2,265,30	734.70	76%
	01-442-251-0000	RD WY/SWK - HO TTOP	308,00000	0.00	298,660,44	9,339,56	97%	155,000,00	0.00	61, 025, 95	93,974,04	39%
	01-442-402-0000	RD WY/SWK + EQUIPMENTLEASE	12,500.00	000	9,365,00	3,135.00	75%	13.200.00	00.0	13,89250	-69250	105%
	01-442-514-0000	RDWY/SWK + CUNTRACT STREETMAR	6,00000	000	6,582.14	-582.14	110%	6.00000	0.00	5,958.44	C 0-100	100%
	01-442-516-0000	RDWT/SWK-CONTRACTWINTEREOU	10,00000	480.00	2,160.00	7,840,00	12/10	2 00000	6,4000	1 90000	1,0000	67%
	01-442-527-0000	ROWT/SWK - CORBSIDE WEEDCONTR BINNY/SWK - TREE SERVICE	1,500,00	0.00	1,900.00	-400,00	14/7#	3000.00	0.00	1,50000	3,00000	0%
	01-442 531-0000	RDWY/SWK WEATHER SERVICE	2,070,00	0.00	1.230.00	840.00	59%	2.070.00	00.0	1,025.01	1044 99	50%
	01-442704-0000	RDWY/SWK-ENGINEERING	25,00000	1,714.64	5,924.07	19,075.93		25.000.00	0,00	3,419.49	21,580.51	14%
	01-442-705-0000	RDWY/SWK CONSTRUCTION	45,000 C	0 00	9,7610.53	35,2 35.0	Li %	ປະມາ	0.0	000	ແທງ	0%
Roadways	s & Sidewalks		520,270 00	18,359.99	466,852.30	53,417_70	90%	330,970,00	21,635.33	228.072.78	102.897.22	69%
	01-446-202-0000	STREET LIGHT - FIXTURES	2, 00000	0.00	0,00	2,000.00	0%	7.000.00	0.00	000	2,000,00	0%
Strept Lig	01-446-302-0000	STREET UGHT - ELECTRICITY	47,300 0	0 31 1335	30,088.63	16,911.37	0/ 1% 24%	49,000.00	0 3,842.9.1 3,882.91	33,651,58	15,348.42	<u>12%</u> 69%
Sheet Bg	iure		43,000,00	21- 10120	50,000 05	10, 11, 10,		-,	5,052.72	007000000		
	01-447-416-0000	BRIDGES-GUARDRAILS	4,00000	0.00	3,100.00	90000	78%	0.00	00.0	000	0.00	0%
	01-448-101-0000	BLO/GRNDS FULL TIME SALARIES	134,731.00	7,517,26	71,304_47	63,426,53	53%	63,461.00	4,912.98	47,543.08	15,917.92	75%
	01-448-102-0000	BLD/GRNDS - OVERTIME	3.00000	0.00	1,718.22	1,281,78	57%	3,000.00	-343 60	5,367,27	-2,367.27	179%
	01-448.103-0000	BLD/ GRNOS - PART TIME SALARIES	87.834.00	2,137.30	51,067.33	35,765.67	58%	86,247.00	1,28650	44,315,21	41,931.79	51%
	QL 448-190-0000	BLDG/ GRI IOS- TRAINING/SI AFF DEVELOP ME	000	0.00	834,00	-83400	0%	0.00	0.00	0.00	0.00	10%
	01-448-191-0000	BLUG/GRNDS-IKAVELEAPENSE BLD/GRNDS-GENERAL SUDDIES	10.000.00	3 413 52	12 361 47	-2 261 47	12.4%	10.000	662 53	4 577 51	5 427 49	45%
	01-448-301-0000	BLDG/GRIDS COMMUNICATIONS	10,000,00	20.90	188 10	-188.10	0%	0.00	0.00	000	000	0%
	01-448-302-0000	BID/GRNDS - ELECTRICITY-TOWN HAU	12.000.00	781 /5	7.041.85	4,958.15	59%	12,000.00	682.2.0	7,618.06	4,38194	63%
	01-448.302-0156	BLDG/GRNDS.ELECTRIGTY BEECH ST EXT	0.00	42_16	352_09	-352.09	<b>G</b> %	000	0.00	000	000	12%.
	01-448-302-0406	BLD/ GRNDS - ELECTRICITY - PARKS	1,300.00	77.73	814.71	485.29	63%	1,300.00	91.42	78074	51926	60%
	01-448-302-0438	BLD/GRNOS-ELECTRICITY POLICE	13.500.00	835.08	7,002.71	6,497.29	52%	13,500_00	659.31	7,110,53	6,389.47	53%
	01-448-302-61441	BLO/GRNOS-ELECTRICITYYOUNGS LANE	25,000.00	1,87631	14,916.11	10,083.89	60%	25,000.00	1,972.17	15,989.29	9,010.71	64%
	01-448.303-0000	BLD/ GRNOS- HEAT & OIL- TOWN HALL	22000 00	3,491.16	11,858 81	10,141 19	54%	23,000.00	2,075.87	13,34340	9,655.60	58%
	Q 448 303-0156	BLOG/GRNDS-HEATING BEECHIST EXT	000	182.78	694.58	.694.58	004	0,00	244.70	1 8 8 26	1 391 64	6.09/
	01-448-303-04438	BED/GRNDS HEAT & OIL FOULDE	3,00000	1070.26	76 653 40	3 345 60	7374 89%	39,000,00	4 957 77	2,010.00	17 01768	55%
	01-440-505-0441	BID COUDE WATER & OLL TOUNDS LARE	4,00000	1,030 20	4 2 27 77	227 77	106%	4000.00	4,557.72	4.135.85	-135.86	103%
	01-448-304-0000	BLD/GRNDSWATER/SEWER COMMUNITY CT	000	0.00	1.70937	-1.709.37	0%	0.00	0.00	2.545.21	-2,545.21	0%
	01-448-304-0156	BLDG/GRNDS-WATER/SEWER BEECK ST EXT	000	000	6885	-68 85	0%	0.00	0.00	0.00	0.00	0%
	01-448-304.0438	BLD/ GRNOS - WATER/SEWER - POLICE	900.00	000	502.88	397.12	56%	52 5.00	0.00	434.11	908 9	83%
	01-448-304-0441	BLO/ GRNOS - WATER/SEWER - YOUN GSLANE	2.00000	0.00	1,466.36	533.64	73%	1,950.00	0.00	1.54 0.77	409.23	79%
	01-448-401-0110	BLD/GRN05 - YOUNGS LANE MAINT	14,000,00	2,930_90	10,774.09	3,22.5 91	77%	14,000,00	2,108 50	15,819.40	1,819,40	11,3%
	01-448 401-0120	BLD/GRNDS TOWN HALL MAINTENANC	13,000,00	3,499.15	28,298.10	-15,298_10	218%	13,000,00	1,305 99	11,381 69	1,618 31	88%
	01-448-401-0125	BLD/GRNDS - ELEVATOR MAINTENANCE	3,000.00	0.00	1,886.99	1,113 01	63%	2,50000	000	1,199.64	1,500.35	489
	01-448-401-0140	BLD/GRNDS - PARKSMAINTENANCE	5,000,00	1010.00	8,59990	-599,90	10/%	3.00000	0.00 200 002	1,021,19	3 17936	1.42%
	01-448-401-1150	BLD/ GRNDS - COMMUNITY CENTER WAT	12 000.00	704 37	7 771 66	2,233.00	65%	12 00000	627.69	7 844 37	4 195 68	65%
	01 449 401 0152	BLD/GRNDS- COMM CENTR BEAT OIL	11 000 00	1 185 6	8 860 54	7,139 45	81%	14.00000	1.853.71	10.1 14 22	3.885.78	72%
	01-448-401-0132	BLD/GRNDS-SENIORCENTERFLECTRICITY	7 500.00	22407	2 347.84	5.152.16	31%	7,000,00	220.89	2,20275	4,797,25	31.%
	01-448-401-0154	BLD / GRNOS-SENIOR CTR HEAT	7,500.00	0.00	1,413 48	6.086 52	19%	5,000.00	363.49	1,581.41	3,418.59	32%
	01-448-401-0155	BLD / GRNDS-SENI OR CTRM AINT.	000	0.00	1.940.05	-1,940.05	0%	0.00	267.50	44300	-443,00	0%.
	01-448 401-0160	BLD/GRNDS- BANDSTAND MAINTENANC	10000	0.00	0.00	10000	0%	100.00	0.00	0.00	100,00	0%
	01-448-401-0170	BLD/GRIDS HAND TUB MAINTENANCE	300.00	14.89	155 69	144.31	52%	300.00	15 27	158.66	141.34	53%
	01-448-401-0175	BLD/GRNDS- OAM MAINTENANCE	3,000.00	14.89	1,685_00	1,315 00	56%	3,00000	15 27	1,848.05	1,151.95	62%
	01-448-401-0180	BLD/GRNDS-TOWN CLOCK MAINTENAN	2,800.00	0.00	2,555.00	245 00	91%	250.00	00.0	36.66	213 34	15%
	01-448-401-0438	BLD/GRNDS - POLICE BUILOING MAINTENACI	10,00000	754_00	4,382_91	5,617.09	44%	11,500 00	1,405.00	12,297.45	-797.46	10/%
	01-448-402-0000	BLD/GRNDS + EQUIPMENT MAINTENANC	2,500.00	0.00	1,117 /6	1,382 .24	43%	2,500,00	30500	1,102,08	1,39/.91	7145
	01-448-405-0000	BLD/ GRNDS - GROUNDSMAINTENANCE	52,000.00	10.00000	16,25601	15,745.55	100%	52,000,00	20300	40 00000	20 00000	67%
	01-448-533-0000	BLD/GRNDS FOUPMENT PURCHASE	25010	0.00000	00.00,00	1 2.307 0.00	0%	2,50( ).00	U.UD	0.00	2500.00	0%
Build hg	& Grounds		54 99565	NO 5202	8 39787200	5 19 3 52 34	3 1%	4Pa 253 00	25753.38	370 991 34	\$6 251 56	53%
	01-449-101-0000	CEM = FULL TIME SALABLES	T9.532.00	1.391.25	12,591,25	6.940.75	64%	19.053.00	1,502.42	14,681.71	4,371 29	77%
	01-449-103-0000	CEM - PARTTIME SALARIES	t1,050.00	0.00	2,16367	8,886.33	20%	11.050.00	0.00	5,65895	5,391 05	51%
	01 449-207-0000	CEM - GENERALSUPPLIES	50000	0.00	74.02	425.98	15%	500.00	-103.55	314.65	185 35	63%
	01-449-302-0000	CEM - ELECTRICITY	250.00	0.00	118.09	131.91	47%	250.00	119.17	119.17	13083	48%
	01-449-402-0000	CEM - EQUIPMENT MAINT	80008	0.00	62.18	737.82	8%	800.00	0.00	000	800.00	0%
	01-449-702-0000	CEM - CONTRACTED SERVICES	5,00000	0.00	0.00	5,000,00	0%	5.000.00	0.00	000	5,000,00	0%
	D1-449-800-0000	CEM - EQUIPMENT PURCHASE	1,000	<u>988</u> 00	0 0 0 0 0 0 0	5. <u>00%5</u>	0 0%	J. 00 30	000000	0.00	500 00	5%
Cemelers	v		132 J	13 12	5 5009 21	23122 3	9 39%	\$7253 3	NU 157804	2977448	ab 478 52	56%

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#### Town of Newmarket, New Hampshire Preliminary Expense Report <sup>all</sup> Forthe Period Ended March 31, 2018

			Fiscal Year 2018				Fiscal Year 2017					
				Month to Date	Year to Date				Month to Date	Year to Date		
Function	Account Number	A CCOUNT DESCRIPTION	Budget	Transactions	Transactions	Balance Year	Percent Used	Budget	Transactions	Than sa ctions	Balance Year	Percent Used
	01-452-202-0000	VENICLE - GENERAL SUPPLIES	3,000.00	172,06	3,19307	-19307	106%	3,000_00	105.84	2.465.53	533.37	82%
	01-452-209 0000	VEHICLE - GASOLINE	10,000.00	.74530	4,268.19	5,731.81	43%	16,000.00	-369.84	3,714_79	12,285 21	23 %
	01-452-210-0000	VEHICLE - DIESELFUEL	30,000.00	1,711.87	15,784.90	14.215.10	53%	38,000,00	5,701.72	20,42978	17,570.22	54%
	01-452-214-0000	VEHICLE - OIL	1,500.00	44865	1,500.26	-0.26	103%	0.00	4 920 60	21.218	31 22 31 6	Lin Edit
	01-452 402-0000	VENICLE - EQUIP MAANI VENICLE - VENICLE MAANT BUBLIC WORKS	49,00000	2,239.03	43,022.52	10,577.48	7274	48.00000	6,520 DO	47 10 762	21,034.03	9890
	01-452-403-0406	VEHICLE - VEHICLE MAINT BEC	2 000.00	1,039,30	1.60400	39500	90%	2.000.00	000	26507	1,734.93	13%
	01-452-403-0438	VEHICLE - VEHICLE MAINT POTICE	15,000,00	970.50	11,162 35	3.83765	74%	15.000.00	16060	7,181.05	7,818.95	48%
	01-452-403 0461	VEHICLE- VEHICLE MAINT FIRE	20,000.00	0.00	12,782.95	7,217.05	64%	20,000,00	0.00	8,144.42	11,855,58	4 1%
	01-452-404-0000	VEHICLE - RADIO MAINT	1,500.00	0.00	0.00	1,500.00	0%	1,500 00	0.00	0.00	1,500_00	0%
	01-452-800-0000	VEHICLE- EQUIP PURCHASE	3,000.00	000	5,893 31	-2,893,31	196%	3,000,00	0.00	1,350.00	1,65000	45%
Vehicle			194,000.00	8, 186, 51	136,235 3/	57,764,68	70%	200,500.00	19,346.23	129,817.49	/0,087.51	b0 %
	01-461-101-0000	FIRE/RES- FULL TIME SALARIES	85,475,00	5,547 60	59,395 36	27,079.64	69%	84,779.00	3,391,20	57.569.37	27,209,63	68%
	01461-1020000	FIRE/RES-OVERTIME	17,5 0000	3,17379	22,288.50	-4,789.50	127%	14,000,00	621.72	9,780.05	4,219,95	70%
	01-461-103-0000	FIRE/RES-PARTTIMESALARIES	145,80800	14,93430	127,616.15	18,191.65	85%	134,808.00	9,401.71	E 391 CO	34,58094	7476
	01 461 190-0000	FIRE/RES- TRAINING/STAFF DEVICOPMENT	11,000,00	36500	0 0 17 00	7 142 01	33% 63%	12,000,00	0.007	7 1 12 00	A 876 9	5.000
	01-461 193-0000	FIRE/RES - UNIFORMS	75.00	0.47	43.70	2,102.31	5895	75.00	7.47	19 36	55.64	26%
	01-461-202-0000	FIRE/RES + GENERAL SUPPLIES	7500 00	941.02	4.402 80	3.097 20	59%	6,500.00	536.35	4,466.95	2,033,05	69%
	01-461-202-0046	FIRE/RES- MEDICALSUPPLIES	13,500.00	1,779.48	B,733.92	4,766.08	65%	13,500.00	1,179,98	10.142.21	3,357.79	75%
	01-461-209-0000	FIRE/RES - GASOLINE	900.00	.30 .97	328 79	571.21	37%	1.200.00	30,10	217.93	982.07	18%
	01-461-210-0000	R RE/RES - DIESEL FUEL	7,00000	534_06	4,617 42	2,382.58	68%	8,700.00	414 90	4.149 42	4,550 58	48%
	01-461-22 0 0000	FIRE/RES AMBULANCE EXPENSES	10,000.00	973_70	5,176 18	4.823.82	52%	10.000.00	352,50	5.643.09	4,356 91	56%
	01 461-301-0000	FIRE/RES- COMMUNICATION SERVICES	5,800.00	809.31	4,811.30	98870	83%	6.500.00	27449	4,582,36	1,917,64	70%
	01-461-310-0002	FIRE/RES = DUES/SUBSCRIPTIONS	5,800.00	39.00	4,232_95	1,567.05	73%	4.200.00	0,00	2,4145.99	1,754 01	58.%
	01-461-310-0055	FIRE/RES FIREPREVENTION	90000	300	16575	/3425	28%	00000	0.00	0.00	90000	0494
	01-463-402 0000	FIRE/ RES - EQUIP MAINT	3,000.00	/21.00	16,547.61	1,547.61	1104	2400.00	0.00	7.00500	100 406	9/86
	01-461-518-0000		2,30000	0.00	2.146.00	1 70000	0%	1200.00	0.00	59000	610.00	49%
	01-451-800-0000	FIRE/RES - FOUR PURCHASE	2300.30	6.675.77	25.067.08	187.018	("%i 01	25000.00	2,95"3.18	18,4°426'0	6,75740	75%
Fire & Re	suce		376,958.00	37,438 57	306,172 .44	70,785 .56	81%	358.762.00	19,158 57	246,565.13	112,196,87	69%
	01-463-1030000	EM PARTTIMESALARIE	750.00	0.00	0.00	750.00	0%	75000	0.00	75000	000	100%
	01-463-190-0000	EM . TRAINING/STAFFDE	750.00	0.00	0.00	750.00	0%	750.00	0.00	0.00	75000	09
	01-463-20-2-0000	EM - GENERAL SUPPLIES	1,500 .0	0	9.90	Al 180 .5	10 OF	-50 .0	0.00		1.F0 00	<u></u>
Emergent	ïγ		1 000 , a	0 3.76	000	3000 3	x0 0x	6 TS0.0	00-0 (	7870 700	1200 00	3~6%
	03-480-812-0000	GRANTS - MEMDAYPARADE	2,00000	0.00	1,5 92 00	40800	80%	2000.00	0.00	0.00	2,00000	0%
	01480-813-0000	GRANTS FESTIVALSUPPORT	8,500.00	0.00	0.00	8,50000	0%	0.00	0.00	000	000	09
	01-480-814-0000	GRANTS - NWMKTA THLETIC ASSO C	21,500,00	0.00	21,500.00	0.00	100%	21.500.00	0.00	21,500.00	000	100%
	01-480-815-0000	GRANTS - NW MKT SENIOR CITIZENS	2,00000	0.00	00.0	2,000.00	0%	2,000,00	0.00	2,000,00	000	100%
	01-480-816-0000	GRANTS - NW MKT HISTORICALSOCIETY	2,000.00	0.00	2,000.00	0.00	\$00%	2,000.00	0.00	2,000,00	000	100%
	01-480-817-0000	GRANTS - C. O.A. ST	23,000.00	0.00	20,000.00	3,000.00	87%	23,00000	0.00	21,005.00	1,995,00	91%
	01-480-818-0000	GRANTS VETERANSME MORIAL	500.00	0.00	0.00	500.00	0%	500.00	0.00	0.00	50000	U7 1 024
Grants	UL-480-819-0000	GRANTS IN WINKTHAND TUBNS SOC.	61 50000	0.00	45 092 .00	16,408.00	73%	53.000.00	0.00	46,505,00	6,495.00	, <u>078</u> 88%
Gronta					1.00							1008
	GI-481-910-0000	SSG RANTS-RICHIEM CF ARLAND	4,000,00	0.00	4,00000	0.00	100%	2,000,00	000	2,00000	U00	10075
	01-481913-0000	SS GRANTS -LA MPREYHEAU HCENTER	10,40300	0.00	10,403.00	0.00	100%	10.403.00	0.00	10,405,00	4000.00	090
	01 48 1915-0000	SSGRAMIS-CHILDGEAMICTSERVICE	9,000,00	0.00	9.000.00	0.00	100%	9,000,00	000	9.0000	4,000,00	10.02
	01-481910-0000	SCORANTS RC CR	0.00	000	600.00	-600.00	0%	600.00	0.00	60000	000	100%
	01-481918-0000	SS GRANTS + A SAFEPLACE	2,200.00	0.00	0.00	2,200.00	0%	1.200.00	0.00	0.00	1,200.00	036
	01-481-919-0000	SS GRANTS - BIG BROTHER/BIGSISTER	1,000.00	0.00	0.00	1,000.00	0%	1.000.00	0.00	0.00	1.00000	02
	01-481-920-0000	SSGRANTS - SEACOASTMENTALHEALTH	2,000.00	0 00	2,000.00	0.00	100%	2,000.00	0.00	000	2,000,00	09
	01-481-923-0000	SSGRANTS LINKEDTOGETHER	0.00	0.00	0.00	0.00	0%	4,000,00	0.00	0.00	4,00000	09
	01-481-924-0000	SSGRANTS - ROCKINGH AMCOUNTYNUTR	5,70000	0.00	5,700.00	0.00	100 %	5,326.00	000	5,62300	-297.00	106%
	01-481-925-0000	SSGRANTS ALOSRESPONSE	500.00	0.00	0.00	500,00	0%	500.00	000	000	50000	10%
	01-481-926-0000	SSGRANIS - AMERICANSED CR USS	1,000.00	0.00	0.00	1.00000	0%	1,000,00	0,00	1,00000	000	1009
	01-481-927-0000	OTHER GRANTS - READ TRIDES	1,000,00	0.00	1,500,000	1 0000	00%	50000	0.00	1,000,00	-50000	2009
	01-461923-0000	OTHER ORANTS, CROSS ROADS HOLKE	000 00	100	ULC D	1000 .0	0 03	6 I Ü.O	) U.U.	2 0.00	U.000	0%
Social Se	rvice Grant		41,303.00	0.00	37,203.00	4.100.00	90%	42,529.00	0.00	30,126.00	12,403.00	71%
	01 490 000011	CADRES - REVAILLA TION	10.000.00	100	10 00000	0.00	100%	10.00000	0.00	1n.00000	0.00	1009
	01-490-900-0012	CAPRES - FIREDEP ART MENT	50,000,00	0.00	50,000,00	0.00	100%	50,00000	0.00	50,00000	000	1009
	01-190-900-0013	CAPRES - ROAD WAYIMPRO VEMENTS	175,000.00	0.00	175.000.00	0.00	100%	125,00000	0.00	125,00000	0.00	1009
	01-490900-0016	CAPRES - PUBLIC WORKS	50,000.00	0.00	50,00000	0.00	100%	80.000.08	0.00	80,000,00	0.00	100%
	01-490-900-0017	CAPRES - POLICEVEHICLES	48,000.00	0.00	48,000.00	0 00	100%	48.00000	0.00	48,00000	0.00	1009
	01-490-900-0019	CAP RES - BUILDING IMPROVEMENT	50,000.00	0.00	50,000,00	0.00	100%	50.000.00	0.00	50,000,00	000	1009
	01-490-900-0021	CAP RES - RECREATION FACILITIES	18,655.00	0.00	18,666.00	0.00	100%	18.666.00	0.00	18,666.00	0.00	1009
	01-490-960-0028	CAP RES - MASTER PLAN	10,000.00	0.00	10,000.00	0.00	100%	10.000.00	0.00	10,00000	0.00	1009
	01-490-900-0036	CAP KES - VETERANS MEMORIAL	2,000,00	0.00	2,000.00	0.00	100%	2,000.00	0.00	2,00000	0.00	1009
	01-490-900 0074	CAD RES - PULICE DISPATCH EQUIP	29,449.00	000	25,449.00	0.00	KOCK 100M	29,449,00	400	29,949 00 75 00000	400 non	1007
	01-490-900-00/9	CADRES STORMWATER MANAGERICHT	50,000,00	. 0.00	50,000,00	0.00	1007	75,000,00	0.00	75,00000	000	1002
	01.400.000.000	CADRES _300 TR ANNIN / FI FOR & TO NEVE TO	2 00000	0.00	2 00300	0.00	10/94	2000.00	0.00	2.000.00	000	1009
	01-490-900-0087	CAPRES, COMPENSATED ABSENCE EXP. TU	10 000 L	0.00	10 000 GL	CD 0.0	0 1010	0.0	) ulu	າ 0.00	ເມີຍ	0%
Capital R	eserve			0.50	555,115 00	0.00	100%	575.1 15:00	0.00	575.115.00	0.00	* "Buy
		General Fund	7 287 072 00	443 221 4R	5,492,544,10	1,794,527.90	75%	5.880,169.00	390,775.15	5,050,513.01	1,879,654.99	739

#### Town of Newmarket, New Hampshire <u>Preiminary Expense Report<sup>ab</sup></u> For the Period Ended March 31, 2018

			Fiscal Year 2018		Fiscai Year 2017								
				Month to Date	Year to Date	Delene Ver	Descent Hand		Month to Date	Year to Date	Pairoro Voor	Parens likad	
Function	Account Number	ACCOUNT DESCRIPTION	Budget	Transaccions	ransactions	Balance Year	rentent Dseu	shoter	Tenaderiona	ti ansactiuns	Dotalise Teal	FBCGIT USED	
	02-480-101-0000	LIBRARY -SALARIES	54,100,00	4,236.92	40,250.74	13,849.26	74%	54,100_00	4,23692	40,603.82	13,496 18	75%	
	02-480-103-0000	LIBRARY PART TIME SALARIES	110,363.00	8,815.40	81,886.80	28,476,20	74%	108,013.00	8,822.42	81,572,38	26,440,62	75%	
	02-480-150-0000	LIBRARY - FICA	9,161.00	828.98	7,780.19	18.081	85%	9.571.00	829.39	1.774.35	1,79002	\$4,7% 9,1%	
	02.480-151-0000	LIBRART MEDICAR	15,000,00	195.66	1,019.01	10 66281	80 % 79%	15 00000	48191	4,337.19	10.652.81	29%	
	02-480-155-0000	LIBRARY - RETIREMENT	5.811.00	482.16	4,978.53	83247	86%	6,043.00	473 .26	4,524 80	1,51820	75%	
	02-480-159-0000	LIBRARY LIFE & DISABILITY	1,36 900	68.84	621.88	747 12	45%	750,00	15968	72992	20.08	97%	
	02-480-160-0000	UBRARY-WORKERS COMPENSATION	3.50000	0.00	1,271.82	228.18	85%	1,500.00	0.00	1,500,00	0.00	100%	
	02-480-161-0000	LIBRARY - UNEMPLOYMENT	1,011.00	0.00	\$60.64	35036	6.9%	2,495.00	000	918.75	1.57624	37%	
	02-480-190-0000	UBRARY - TRAINING /ST AFFDEVELOPMENT	2,000,00	0.00	642.40	1,357,60	32 %	2,000.00	185,00	855.00	1,14500	43%	
	02-480-202-0000	LIBRARY _ GENERAL SUPPLIES	4,927 (00	532.97	3,08/88	1,839.12	63%	5,000.00	205.46	3,507.35	1,492,45	10% 67%	
	B2 480-301-0000	LIBRARY - TELEPHONE	1,800.00	719.18	5,535,10	6 464 81	06.70	12 000 00	124 00	5 500.97	6,499,03	45%	
	02-480-303-0000	HERARY - HEAT & OIL	10.000.00	1.08293	4.045.03	\$.954.97	40%	12,000.00	1,069.81	3,556.78	8,443.22	30%	
	02-480-304 0000	LIBRARY - WATER	700.00	0.00	31333	38667	49%	700.00	0.00	556.22	143.78	79%	
	02-480-310-0005	LIBRARY - EOOKS/SUBSCRIPTIONS	40.970.00	1,97821	28,974 45	11,995.55	7 166	39,394.00	2,869.05	33,055.91	6,338.09	84%	
	02-480-330-0000	LIBRARY - ELECTRONICINFO-OTHER	9.500.00	41030	7,866_30	1,633.70	83%	9,500.00	0.00	9,541.00	-41,00	100%	
	02 480-350-0000	LIBRARY - PROGRAMS	4,00000	772.20	3,239.13	760.87	81%	2,000.00	0.00	1,589.97	410.03	79%	
	02-480-401-0000	LIBRARY - BUILDING MAINTENANCE	23.000.00	0.00	7.479.75	15.52 025	3396	23.000.00	675.00	103,079.75	-80,079 .75	448%	
	02-480-402-0000	LIBRARY - EQUIPMENT MAINTENANCE/LEASE	600.00	-36730	454.00	14500	76%	50000	13800	44322	156 /8	14%	
	02-480-504-0000	UBBART PROPERT LIABILITING	5,000,00	205.00	1 4 94 52	10333	7/50	2 000.00	225.5.0	773 55	1 27645	2.9.%	
	02-480-600-0000	LIGRARY LIB TRUCK FF GENERAL SUDDIES	2,00000	430.00	1,692,20	-1 692 20	C%	0.00	0.00	0.00	000	0%	
Library	12.000 201 0000	COMMITCO MONTO OCALION OF ICIDS	316,93500	20,999,10	213,775.83	103,179.17	67%	314,704 00	20,690.31	312,364.11	2,339.89	99%	
	05-406-101-0000	RECREATION - FULL TIME SALARIES	0.00	735.84	6,99993	-6,999.93	0%	0.00	0.00	0.00	0,00	0%	
	05-406-103-0000	RECREATION - PARTTIME SALARIES	142,420.00	1,657.00	95,868 21	46,551.79	67%	124,440,00	3,533,13	84,23443	40,205.57	68%	
	05-405-111-0000	RECREATION - WORKSTUDY	1,000.00	0.00	-2,460.00	3,460.00	-246%	2,000,00	3,460.00	3,460,00	-1,460.00	173%	
	05-406-150-0000	RECREATION + FICA	8,830.00	14314	6,32836	2.5 01.64	72%	7,715,00	219,04	5,299.37	2,415.63	69%	
	05-406-151-0000	RECREATION - MEDI	2,065.00	33.48	1.480 12	584 88	72%	1.804.00	51.24	1,239,52	564.48	69%	
	05406-1560000	REC-NHRETIREMENT	0.00	83.74	79663	-/9665	10%	2 00000	101 78	98579	1 112 75	176	
	05406-190-0000	RECREATION MEALALLOWANCE	2,50000	0.00	40.00	2.45534	10%	350.00	0.00	,5,35	1,113 21	4386	
	05-406-192-0000	RECREATION - POST AGE	60000	0.00	7286	527.14	12%	1.000.00	0.92	49.55	950.45	5%	
	05-406-202-0000	RECREATION- GENERAL SUPPLIES	1,500,00	0.00	340 99	1,159,01	23%	1.65000	0.00	1,207,13	442.87	73%	
	05-405-202-0034	RECREATION- A THLETICS UPPLIES	3,000.00	0.00	94.98	2,905.02	3%	8,830 .00	0.00	2,499.11	6,330 89	28%	
	05-406-202 0036	RECREATION. CLASS SUPPLIES	10,000,01	120 65	12,982.92	-2,982.92	130%	2,954,00	427.80	5,893,74	-2,939.74	200%	
	05-406-301-0000	RECREATION COMMUNICATION SERVICES	000	39328	393.28	-393.28	0%	0.00	0.00	0.00	0.00	0%	
	05-406-302-0000	RECREATION . ELECTRICITY	000	0.00	75.26	-75.26	0%	0.00	0.00	135,93	-115,93	Q%	
	05 406 302-0001	RECREATION - HELD LIGHTS	2,000,00	/3.00	2,007.30	00 PC	13078	3,000,00	/4.04	2,722,25	2,217,13	113%	
	05-400-310-0002	RECREATION - DUCS/ SUBSCRIPTIONS	300.00	43.55	5095	249.05	17%	800.00	3.44	3.44	79656	006	
	05-400-310-0003	RECREATION - SOUPMENT MAINTENATION	2 300.00	90.00	309.50	1.990.50	13%	2.00000	90.00	1.474.52	525,38	74%	
	05-406-460-0000	RECREATION - BANK FEES	3,150.00	329.37	3,195.11	45.11	101%	0.00	197.50	2,508.52	-2,508.52	0%	
	05-405-501-0000	RECREATION - PRINTING & PUBLISHING	5,000.00	0.00	234_94	4,765.06	5%	8,163.00	0.00	0.00	8,(63.00	0%	
	05-406-508-0000	RECREATION BUSTRIPS	50,000.00	95668	36,82725	13,17275	74%	36,000,00	1,890.62	28,052,71	7,947,29	78%	
	05-406-7020000	RECREATION - CONTRACTUALSERVICES	5,00000	1,707.58	7,142.20	-2.14220	143%	5,000,00	-179.40	3,480,00	1,52000	70%	
	05-406-800-0000	RECREATION - EQUIPMENT PURCHASE	3,00000	0.00	556.28	2,445.72	19%	3,00000	992.10	1,448.05	1,55195	4679	
	05-406-902-0000	RECREATION SUMMERCAMP	3,000,00	0.00	1836.56	1.109.71	90%	2,500,00	0.00	1.343.94	-4,23034	54%	
	10 406 902-0057 05-406-902-0057	RECREATION - TEEN CAMP RECREATION - SUN RISESTINSETSROTR	4 180 00	17540	2 411.53	1.76847	58%	3.927.00	141.97	1.942.22	1,984.78	49%	
	05-406-905-0000	RECREATION - SPLASHPAD	3,770.00	0.00	5, 245.04	-1,47504	139%	5,00000	000	0.00	5,000.00	0%	
	05-406-906-0000	RECREATION - SP_C IAL EV_NTS	13 .000 .0	0 3/217	12.93	84653	5376	10,150.00	64 .00	95558	630 .42	399% J	
Recreatio	п	t t	29, 115, 0	0 6,9210	107.166 353	74 9 48 4 7	7'46	218 133 00	LTJ068 79	1709361	72104 35	"D%	
	Ø-450-103-0000	SW - PARTTIME	11,550.00	811_41	8,706,73	2,843.27	75%	11,156_00	795,32	8,579,66	2,576.34	77%	
	07450-2020000	SW - GENERALSUPPLIES	25,000.00	80934	17,870.04	7,129.96	71%	15,000.00	3,364.14	16,072.35	-1,072,35	107%	
	07-450-310-0002	SW - DUES/SUBSCRIPTIONS	800.00	0.00	0.00	800.00	0%	800.00	50,00	50.00	75000	6%	
	07-450-402-0000	SW - EQUIPMENTLEASE	1,200.00	50.00	950.00	250.00	79%	1,200.00	50.00	1,050,00	15000	886	
	07-450-403-0000	SAY BERNELLE MAINTEN ANLE	2000 00	0.00	00.0	2.000.00	U%	6,500,00 E00.cg	00.00	0.00	0,000	nec	
	07-450-501-0600	SHE FRENNINGGEP DELOG HOH	1500.00	0.00	1.048.00	452.00	20%	2 300,00	0.00	1.179.00	1.121.00	51%	
	07-450-535-0000	SW- HOUSEHOLD HAZARDOUS	0.00	0.00	000	0.00	0%	10.00000	0.00	11,548.07	-1,543.07	115%	
	07-450-702-0047	SW-LAMPREYREG. COOP	2,100.00	0.00	2,02808	7192	97%	2,100 00	0.00	0.00	2,100.00	016	
	07-450-702-0048	SW- MSW CONTRACT	165,000.00	10,032 61	132,601,66	32,398.34	80%	163.000.00	15.154 13	111.535 60	51,464,40	68%	
	07-450-702 0049	SW- RECYCLING CONTRACT	150,000.00	17,162 33	144,203_66	15,796.34	90%	152,000,00	12,783,5	132,328.61	19,67139	87%	
	07-450-702-00 50	SW-CONSTRUCTION DEBRIS	54,000,00	2,042,65	31,681.93	22.318.07	59%	47,000,00	1.87427	33,12720	13,87280	70%	
	07-450-702-0051	SW = POST CLOSURELANDFILLTEST	35,000,00	192.04	13,507.76	21.49224	39%	30,000,00	0.00	23,88232	6,117.68	80%	
c P br	07450800-0000	SW EQUIPMENTPURCHASE	5300	0.0	000	5800 .00	0%	58 00 .00	0.00	100	12.8 008 14	754	
2031 G VV 9:	ste		4 04930 1	10 2100 3	3 3 3 3 3 80	11 10 14 14	7 1079	44 1 3 3 Q UU	-1417	10 - 11 - 1	100 400 .13		

# Town of Newmarket, New Hampshire Preliminary <u>Expense Report</u> <sup>ab</sup> For the Period Ended March 31, 2018

Image:         Image:<				Fiscal Year 2018			Fiscal Year 2017							
Party in the summer         PENN 0	Function	Account Number	ACCOUNT DESCRIPTION	Budg et	Month to Date Transactions	Year to Date Transactions	Ballance Year	Percent Used	Budget	Month to Date Transactions	Year to Date Transactions	Ballance Year	Percent Used	
Bit Section (a) 10:00:00         VIII.         PROVIDE (a) 11:00         VIII.00         VIII.00 <t< td=""><td></td><td>20-451 101-0000</td><td>WATER - FULL TIME SALARIES</td><td>150.631.00</td><td>10.686.92</td><td>101,840 03</td><td>48,790 97</td><td>58%</td><td>131,004.00</td><td>9,695.34</td><td>93,461 80</td><td>37,542.20</td><td>719</td></t<>		20-451 101-0000	WATER - FULL TIME SALARIES	150.631.00	10.686.92	101,840 03	48,790 97	58%	131,004.00	9,695.34	93,461 80	37,542.20	719	
Bits Discos         Control Processing         Control Processing <thcontrol processing<="" th="">         Contro Processi</thcontrol>		20-451 -102-0000	WATER - OVERTIME	10,000.00	402.00	11,228 39	-1,228 39	12.3%	10,000.00	1,33134	7,616,88	2,383,12	769	
Part biology         Part biology<		20-451-103-0000	WATER - PARTTIME SALARIES	000	344.40	3,27082	-3,270.82	0%	8,487.00	336.00	2,071_11	6,415.89	219	
Mark         Lission         Lission <thlission< th=""> <thlission< th=""> <thliss< td=""><td></td><td>20-451-150-0000</td><td>WATER - FICA</td><td>8,49000</td><td>65114</td><td>6,695.09</td><td>1,794.91</td><td>75%</td><td>8,150.00</td><td>64578</td><td>5,880,71</td><td>2,26929</td><td>725</td></thliss<></thlission<></thlission<>		20-451-150-0000	WATER - FICA	8,49000	65114	6,695.09	1,794.91	75%	8,150.00	64578	5,880,71	2,26929	725	
Here         12,1230         1		20451-151-0000	WATER MEDICARE	1.986.00	152_30	1,563.54	42246	79%	1,906.00	15127	1,368.85	5 3715	729	
Part         Part <th< td=""><td></td><td>20-451-155-0000</td><td>WATER - HEALTH INSURANCE</td><td>55,875,00</td><td>3,551.00</td><td>35,51000</td><td>20,365.00</td><td>64.96</td><td>47.153.00</td><td>5,416 64</td><td>30,749.76</td><td>16.403 24</td><td>(5)</td></th<>		20-451-155-0000	WATER - HEALTH INSURANCE	55,875,00	3,551.00	35,51000	20,365.00	64.96	47.153.00	5,416 64	30,749.76	16.403 24	(5)	
Sec 14-2000         NULL INCOMENT MODIFIEL         Long Mark         Park         Long Mark		20-451-156-0000	WA YER - RETIREMENT	15.077.00	1,256,25	12.459.85	2,61/15	86%	14.157.00	20120	11,244.63	2,912.17	60	
Bit 12:00:00         With Function (Section 1)         DO D		20-451-159-0000	WATER - LIFE/DISABILITY INSURANCE	1,316.00	105 14	733.58	2002	56% DC6/	1.342.00	401.30	4 62 0 66	000	100	
Bit 3250000         With Under Structure 1         1000         1.4668         556         TOP         2000         Bit 325		20-451-160-0000	WATER -WURKERS COMPENSATION	5,000,00	0.00	4,233,41	2018-08	65%	2 761 00	0.00	81035	1.390.65	379	
Set 1-19-000         With LUMPORT         South With Set 100000         South With Set 1000000         South With Set 1000000         South With Set 1000000         South With Set 10000000         South With Set 1000000000000000000000000000000000000		20-451-101-0000	WATER TRAINING/STAFE OF VELOPMENT	2000 00	100.00	1 46494	535.62	73%	2000.00	0.00	852.64	1.13736	437	
Bits STREED         WITE: FORM         317.00         300         101.00         516.81         400         110.		20-451-193-0000	WATER - III/IFOSMS	2500.00	88.68	1 07567	1.474.38	41%	2,500.00	103.22	1,433,63	1,065.37	579	
Bit		20-451-198-0000	WATER LONGEVITY	1.318.00	0.00	1,012 50	305.50	77%	1,01300	0.00	1,012.50	0.50	1009	
Dec. 2020 000         VATE.         DEC. 2020 000         DEC. 2020 000 </td <td>20-451 -201-0000</td> <td>WATER - POSTAGE</td> <td>3,700.00</td> <td>71 21</td> <td>1,50937</td> <td>2,190.63</td> <td>41%</td> <td>6,500.00</td> <td>26 22</td> <td>1,56529</td> <td>4,934 .71</td> <td>245</td>		20-451 -201-0000	WATER - POSTAGE	3,700.00	71 21	1,50937	2,190.63	41%	6,500.00	26 22	1,56529	4,934 .71	245	
Def:         Def: <thdef:< th="">         Def:         Def:         <thd< td=""><td></td><td>20-451-202-0000</td><td>WATER GENERAL SUPPLIES</td><td>3,500.00</td><td>57343</td><td>3,239.53</td><td>260.47</td><td>93%</td><td>3,000.00</td><td>1,130.84</td><td>2,272 02</td><td>72798</td><td>76</td></thd<></thdef:<>		20-451-202-0000	WATER GENERAL SUPPLIES	3,500.00	57343	3,239.53	260.47	93%	3,000.00	1,130.84	2,272 02	72798	76	
Bit Loop 000         WATE         Acceleration 6         Description 7         Description 7 <td rowspan="17"></td> <td>20-451-202-61002</td> <td>WATER - DUES/SUBSCRIPTIONS</td> <td>1,05000</td> <td>0.00</td> <td>714.00</td> <td>33600</td> <td>68,%</td> <td>1,050.00</td> <td>0.00</td> <td>198.00</td> <td>852.00</td> <td>195</td>		20-451-202-61002	WATER - DUES/SUBSCRIPTIONS	1,05000	0.00	714.00	33600	68,%	1,050.00	0.00	198.00	852.00	195	
Bits Lobbool         NUMB         Janobi         Janobi <thjanobi< th="">         Janobi         <thjanob< td=""><td>20-451-202-0003</td><td>WATER - ADVERTISING</td><td>2,50000</td><td>0.00</td><td>308.89</td><td>2,191.11</td><td>12%</td><td>2,50000</td><td>0.00</td><td>0.00</td><td>2,500.00</td><td>0</td></thjanob<></thjanobi<>		20-451-202-0003	WATER - ADVERTISING	2,50000	0.00	308.89	2,191.11	12%	2,50000	0.00	0.00	2,500.00	0	
343-31-000         MARTIN LP GS.         300,000         113:59         32.6.1         22.81.10         300,000         1.97.23         1.92.11         4.21.11		20451-209-0000	WATER - GASOLINE	3,700,00	22481	1,837.96	1,86204	50%	3.7 00.00	27693	1.918.85	1,781.15	52	
Part - 11-000         Water         Part - 11-000         Part - 11-0000         Part - 11-0		20-451-211-0000	WATER - LP GAS	20.000.00	1,317.98	7.825_23	12, 174.77	39%	20.000.00	1,057.79	6.787.23	13,212.77	34	
Section         State         <		20-451-217-0000	WATER CHEMICALS	23,000 00	2,598.71	16.840.84	6,159.16	1.3%	18,000,00	0.00	11.250.50	0,743,44	537	
Solution         With Statustic         100000         4,15,4         1,0000         1,0000         1,0000         1,0000         1,0000         1,0000         1,0000         1,0000         1,0000         1,0000         1,0000         1,0000         1,0000         1,0000         1,0000         1,000         0,000		20-451 -301-0000	WATER - COMMUNICATION SERVICES	3,800,00	224 85	3,525,56	2/4.44	92%	3,800,00	5/6./2	2,9/3.39	1765763	18	
Product 00000         WHE         NUMBE         Description         Description <thdescription< th="">         Description         <thdescrip< td=""><td>20-451-302-0000</td><td>WATER - ELECTRICITY</td><td>54,000.00</td><td>4./61.6/</td><td>38,202 38</td><td>15,/3/.42</td><td>/1%</td><td>35,000,00</td><td>5,144.25</td><td>A 48389</td><td>7 516 11</td><td>6/5</td></thdescrip<></thdescription<>		20-451-302-0000	WATER - ELECTRICITY	54,000.00	4./61.6/	38,202 38	15,/3/.42	/1%	35,000,00	5,144.25	A 48389	7 516 11	6/5	
South 6:0000         WHR         South 7: South 6:000         South 7:		20-451-401-0000	WAJER-BUILDING MAINIENANCE	7,000.00	13841	9,111,83	2,050.17	30276	4000.00	44635	0.00	4 00000		
Dist 105:000         Water         Status         St		20-451-402-0000	WATER SELECT F ALAMATEMANCE	4,000.00	0.00	476 12	4 222 29	1.492	5 000 00	0.00	674.22	6 375 7R	125	
Solar         Solar         Strate         Non         Strate		20-451-405-0000	WATER SYCHICLE WAINTEN ANCE	50 000.00	8 824 17	35 631 32	14 36 8 68	7.196	50 000 00	7.817 50	28 698 57	21.301 43	575	
10-64:03:000         Math.         10-000         1,2000         1,		20-451 504-0000	WATER, PROPERTY LABOUTY INSURANCE	5 179 00	0,024 4	4 377 64	80136	\$\$%	5,179.00	0.00	5.179.00	0.00	1005	
1949-03000         Witzer, ALDIT         1940-05         COD         1940-05         COD         1940-05         COD         3944-00         COD         1950-00         1950		20-451 702-0000	WATER - CONTRACTED SERVICES	15 000.00	525.00	8.857.75	6.142.25	59%	10.000.00	1,03000	8,65485	1,345.15	37	
1047.00.0000         WATE         Figure 1         15,00.00         11,00.15         11,00.15         11,00.15         12,01.4         5,70.00         0.00         12,02.4         5,70.00         0.00         12,02.4         5,70.00         0.00         12,02.4         5,70.00         0.00         12,02.4         5,70.00         0.00         12,02.4         5,70.00         0.00         12,02.4         5,70.00         0.00         12,02.4         7,04.3         12,07.2         3,07.1         10,07.2         10,00.2         12,07.1		20-451-703-0000	WATER - AUDIT	3,484.00	0.00	4.384.50	-90050	1,26%	3,484.00	0.00	3,484.00	0.00	1005	
		20-451-704-0000	WATER - ENGINEERING	25,00000	11,500.19	18,068.45	6,931.54	72%	25,000.00	1,52014	5,731.99	19,26801	3235	
Bit Section         Mark - en loss words		20-451-9000000	WATER - TRANSFERT OCAPITAL RESERVE	364,000,00	0.00	364,000.00	0.00	100%	364,000.00	0.00	364,000.00	0.00	1003	
Add: 05-0000         VATE         - DADOSE MOTES INTERET         115.212.00         000         00.12106         48.04.94         000         32.74.00         31.09.55         31.09.55         31.09.55         772.0000         1107.12           Water         1.137.780.00         43.18.55         93.66415         221.183.18         85         352.91.50         61.18.27.4         77.20.00         11.09.55         63.07.15         711.743.8         721.040.84         77.20.00         11.00.00         60.0         20.00.00         12.80.27.4         77.8         220.46.00         12.82.74         77.8         12.80.27.15         711.743.8         77.8         12.80.27.15         711.743.8         77.8         12.80.27.16         711.743.8         77.8         12.80.27.1         77.8         12.80.27.1         77.8         12.90.20         12.80.27.1         77.8         12.90.00         12.80.27.1         77.7         12.20.0         12.99.17.1         77.7         12.90.0         2.99.44.00         12.80.27.1         77.7         12.20.0         2.99.44.0         12.82.7.4         12.99.2         2.29.44.0         12.82.7.4         12.99.2         12.99.17.1         8.7.2         12.99.0         2.99.47.1         77.7         12.99.0         2.99.47.1         77.7         12.99.00         <		20-451-950-0000	WATER - BO NDS& NOTES PRINCIPLE	152,854.00	6.00	131,661.13	21,192 .87	86%	52.750.00	0.00	0.00	52,750.00	9	
Description         26, 954-0000         VATE         LABLACCULUSTION         28, 000, 0         0.00         5, 000, 0         1, 10, 10, 14, 14, 38         22, 11, 14, 38         28, 11, 14, 14, 38         21, 11, 14, 38         21, 21, 14, 31         31, 11, 14, 30, 10, 12, 14, 34         21, 21, 34         41, 14, 14, 14, 14, 14, 14, 14, 14, 14,		20-451-951-0000	WATER - BONDS& NOTES INTEREST	115,928.00	0.00	69,12306	45,804.94	60%	39,798.00	31,094,55	31,094.56	8,703 44	78	
Water         1,137,780,00         41.18.5.6         936,66155         221,18.35         81         932,814.00         72,374.38         21,06.94         72           90.471-102-000         WASTEWATER - OVERTINE         19,0000         13,575.8         10,73,492.28         60,172         728         220,463.00         16,802.74         16,263.54         6,742.72         12         50,471.10         10,800.00         220,463.00         16,802.74         12,653.64         6,748.72         12         50,771         16,700         12,855.66         12,992.53         12,725.6         6,737.77         16,700         12,852.66         12,992.53         12,912.71         12,725         6,637.77         16,700         12,852.66         12,992.53         12,912.71         12,725.66         12,912.31         12,912.71         12,912.00         12,812.66         12,912.31         12,912.01         12,912.71         12,912.00         12,912.91		20 451 954-0000	WATER - LAND ACOULSITION	20,000,00	0.00	20,00000	0.00	100%	20,000.00	0.00	35,000.00	-15,000.00	179	
Sevent Busings         Part of 60.00         Part of 61.00         Part of	Water			1,137,780,00	48.118 56	916,66165	221,118.35	81%	932,813.00	62,521.26	711,743 18	221,069.82	769	
Bord:1:12:2000         WASTEWATEL - OVERIMME         19,000,00         12,000,157,25         12,000,20         22,034,85         12,000,23         6,207,37         12,000,20           30:47:1:154:000         WASTEWATEL - ACK         15,842,00         130,44         132,158         12,123,34         45,812,00         130,248         12,023,37         12,024,30         10,022,5         13,92,49         17,71           30:47:155:000         WASTEWATEL - MCARE         3,75500         30,041,15         00,004,2         30,91,93         65,91,91         15,22,02         24,42         44,443         91,21,17         17,71         77,7         30,47,155,000         WASTEWATEL - MCRARE         19,31,00         248,22         14,41,84         49,16         78,6         2,446,40         20,00         4,001,00         55,91,81         15,22,02         14,91,90         16,01,20         248,22         14,91,84         49,16         78,6         2,145,00         30,45,5         1,602,30         55,27,0         77,7         30,47,120,00         36,47,120,00         30,47,120,00         30,47,120,00         30,47,120,00         30,47,120,00         30,47,120,00         30,47,120,00         30,47,120,00         30,47,120,00         30,47,120,00         30,47,120,00         30,47,120,00         30,47,120,00         30,47,120,00		30-471-101-(10.00	WW - FULL TIME SALARIES	247,661.00	21, 225, 60	179,499.28	68,161.72	72%	230,469.00	16,842,74	162,583 64	67,885,36	7 15	
Bord 11:13:0000         WASTEWARTE - FAC         BS 002         2071/28         6.647/2         22         24         0         8.47:00         350:00         2071/28         6.647/2         23         32 </td <td>30-471-10 2-0000</td> <td>WASTEWATER OVERTIME</td> <td>19,000.00</td> <td>1,575,26</td> <td>15,072 26</td> <td>3.927.74</td> <td>29%</td> <td>19,000.00</td> <td>2,0.34,86</td> <td>12,692,53</td> <td>6,307.47</td> <td>679</td>		30-471-10 2-0000	WASTEWATER OVERTIME	19,000.00	1,575,26	15,072 26	3.927.74	29%	19,000.00	2,0.34,86	12,692,53	6,307.47	679	
Bod/II: 59:0000         WASTEWATERFCA         IS 58:000         MASTEWATERFCA         IS 23:00         128:3.49         6, 558:06         7.%         14;24:00         LOREs         3.702:00         3.702:		30-471-103-0000	WASTEWATER PART TIME SALARIES	000	344 40	3,278.82	-3,278 82	0%	8,487.00	336.00	2.071.28	6,415.72	24	
B0471-51:000         WASTEWARTE - MEDITARIENTO         3,7300         30461         2,6490.50         7,75         3,322.00         25544         2,404.89         9,71,11         7,75           B0471-55000         WASTEWARTE - MERTINGENET         12,320.0         2,554.90         12,221.00         4,203.00         864         2,464.40         2,089.10         13,857.8         4,848.2         86           B0471-55000         WASTEWARTE - MERTINGENET         12,020.0         2,554.90         12,221.00         2,464.60         2,089.00         13,857.6         4,823.20         2,255.90         86         2,464.60         2,089.00         1,865.8         4,939.21         86         5,893.00         0.00         5,893.00         0.00         5,893.00         0.00         1,00         3,047.15,80         3,075.00         0.00         1,00         3,047.15,800.00         0.00         1,253.3         3,254.11         1,735.73         656         5,000.00         0.00         1,255.91         86         3,000.00         2,06.73         4,02.85         4,195.95         4,68.16         5,111.1         3,000.00         2,06.73         2,755.0         86         4,06.55         5,656.6         6,250.00         2,24.2         2,30.65         5,656.6         4,195.95         3,000.00		30-471-150-0000	WASTEWATER - FICA	15,842.00	1,302.63	11,283 94	4,558.06	71%	14,204.00	1,088 34	10.282 51	3,92149	72	
3b -471-155 -0000         WASTEWATER         FIELAL THINUDANCE         97, 367,00         8,00         12,857,00         20,80         22,857,00         20,857,10		30-471-151-0000	WASTEWATER - MEDICARE	3,70500	304.63	2,639,06	1,065,94	71%	3,322.00	254.54	2,404.89	917,11	12	
30 47:15 6000         WASTEWATER         LEFENDOM         VASTEWATER         LEFENDOM		30-471-155-0000	WASTEWATER - HEALTHINSURANCE	97,362.00	8,001.33	67,06042	30,301.58	69%	71.120.00	5,91811	53,262,93	17,85707	15	
Bit 47:159:000         WASTEWATER         UNEXPLOY         159:230         347:33         159:230         347:33         159:230         347:33         159:230         347:33         159:230         347:33         3157:00         0.000         150:230         347:33         159:230         300         159:230         3157:00         0.000         150:230         3157:00         0.000         150:230         3157:00         0.000         150:230         3157:00         0.000         150:230         3157:00         0.000         150:230         3157:00         0.000         150:230         3157:00         0.000         150:230         3157:00         0.000         150:230         3157:00         0.000         150:23         3157:00         0.000         150:23         3157:00         0.000         150:23         3157:00         0.000         150:23         3157:00         300:000         3157:30         30		30-471-156-0000	WASTEWATER - RETIREMENT	26,328.00	2,554.90	22,241.00	4,037.00	84%	24,674.00	2080.40	19,645 .48	4,848.22	24	
39.472-180-000 WASTEWARE LOWARE WORKES COMPENSIONAL 1,27800 000 885.71 44223 664 315700 000 1,62.68 1,394.32 12. 39.471-162-000 WASTEWARE LOWENGES COMPENSIONAL 1,27800 000 186.571 44223 664 315700 000 1,62.68 1,394.32 12. 39.471-162-000 WASTEWARE LOWENGES 1,000 116.25 3,784.21 1,115.08 756 3,700.00 26.77 4,384.05 664,05 114 39.471-193-000 WASTEWARE LOWENGES 1,000 116.25 3,784.21 1,115.08 756 3,700.00 26.77 4,384.05 664,05 114 39.471-20.000 WASTEWARE NOTACE 3,700.00 170.00 194.25 3,784.21 1,115.08 756 3,700.00 26.77 4,384.05 664,05 114 39.471-20.000 WASTEWARE NOTACE 3,700.00 170.00 170.00 180.53 3,784.21 1,115.08 756 3,700.00 26.77 4,384.05 664,05 114 39.471-20.000 WASTEWARE NOTACE 3,700.00 170.0 1375.52 4475.52 1538 800.00 1655 66 4023 39.471-20.000 WASTEWARE LORENSUPPLIES 4000.00 1655.00 1,375.52 4475.52 1538 800.00 0.00 256.56 4023 39.471-20.000 WASTEWARE LORENSUPPLIES 30,000.0 1681.3 883.87 4,416.33 885 500.00 1,262.2 2301.46 4,995.56 2 39.471-20.000 WASTEWARE LORENSUPPLIES 30,000.0 161.3 883.87 4,416.33 885 500.00 1,262.6 1,100.14 3899.86 22 39.471-20.000 WASTEWARE LORENSUPPLIES 30,000.0 1,261.00 198.28 1,200.00 0,00 2,200.00 10.00 2,000.00 1,000 1,000 0,000 1,000 0,000 1,000.00 1,000 0,000 0,000		30-471-159-0000	WASTEWATER - LIFE/ DISABILITY INSURANCE	1,923.00	288.32	1,493.84	429,16	/876	2,195.00	3/4 30	1,002,00	262/0	100	
30-471-181-000 WASTEWATE: INTERVISE INTERVISED AND 1, 27300 000 000 75000 05 1, 27000 000 1, 2740, 2740 1, 27500 000 000 75000 05 1, 2740, 2740 1, 27500 000 000 75000 05 1, 2740, 2740 1, 27500 0, 27500 0, 2740, 2740 1, 27500 0, 27500 0, 2740, 2740 1, 27500 0, 27500 0, 2740, 2740 1, 2750 0, 27500 0, 2740, 2740 1, 2750 0, 2750 0, 2750 0, 2740 1, 2740 1, 2750 0, 2750 0, 2740 1, 2740 1, 2750 0, 2750 0, 2740 1, 2740 1, 2750 0, 2750 0, 2750 0, 2740 1, 2740 1, 2750 0, 275		30-471-160-0000	WASTEWATER - WORKERS COMPENSATION	5,00000	0.00	3,087.29	912.71	607e	3,69900	0.00	3,833,00	1 99/37	377	
3047/1-124-2000 WASTEWATER - NUMBER LINE CONCENTRATIONS (\$1476/FVL02PM 500000 115;25 3,242,1 1).73573 65% 50000 20,520 3,423,36 (520 3,423,36		30-471-161-0000	WASTEWARE - UNEMPLOYMENTINSURANC	1,275000	0.00	0.00	44343	03/6	3,137.00	0.00	1,102.00	750.00	0	
Bit 21-200000         VASTEWATE         Control         Source         Total         Source         Source<		30-4/1-162-0000	WASTEWATER - EMPLOTEETESTING	50000	136 75	3 164 21	1 22578	65%	5.00000	61200	3 420 36	1 579 64	68	
B042113355000 WASTEWATER (VERVITY) 1933.03 0.00 1.912.50 8050 45% 1.913.00 0.00 1.687.50 225.50 88 B0471:201-000 WASTEWATER FORTAGE 3,7,00.00 71.20 1.914.72 2.185.28 44% 6,500.00 2.62.2 2.300.45 4.198.55 33 B0471:202.000 WASTEWATER FORTAGE 5,000,00 505.00 1.917.52 475.52 1.53% 800.00 400 2.000 2.		30-471-190-0000	WASTEWATER - INIEGERAS	4 100 00	230 61	3,204.21	1 114 03	736	3,700.00	206.27	4 384 05	-684.05	118	
Biol-71:10:000         WASTEWATER         OSTA D         71:20         1;514/72         2;185:28         4/15         6:500.00         1;622         2;201.45         4:198.55         33           30:471:20:000         WASTEWATER         6:000.00         1;5752         1;5752         1;575         8:000.00         4:595         3:565.65         6:505.00         1;272           30:471:20:000         WASTEWATER         6:000.00         1;3752         4753.21         553         8:000.00         0:00         2:000.00         0:00         2:000.00         0:00         2:000.00         0:00         2:000.00         0:00         2:000.00         0:00         2:000.00         0:00         2:000.00         0:00         2:000.00         0:00         2:000.00         0:00         2:000.00         0:00         2:000.00         0:00         2:000.00         0:00         2:000.00         0:00         2:000.00         0:00         2:000.00         0:00         2:000.00         0:00         2:000.00         0:00         2:000.00         0:00         2:000.00         0:00         0:00         0:00         2:000.00         2:000.00         2:000.00         2:000.00         2:000.00         2:000.00         2:000.00         2:000.00         2:000.00         2:000.00<		30-471-195-0000	SOMER I ON OF VITY	1993.00	0.00	1 912 50	80.50	96%	1 913 00	0.00	1 687.50	225 50	88	
Bit of the second structure is a construction of the second structure is a constructure is a construction of the second structure is a construct structure is constructure is a		30-471-156-0000	WASTEWATER- POSTAGE	3,700,00	71.20	1.514 .72	2.185.28	41%	6,500.00	26.22	2,301,45	4,198,55	35	
30-471-202-0002         WASTEWATER         DUES/SUBSCRIPTIONS         90000         505 00         1.375.92         475.92         1538         800.00         0.00         200000         600         200000         0.00         200000         0.00         200000         0.00         200000         0.00         200000         0.00         200000         0.00         200000		30-471-282-0000	WASTEWATER - GENERALS UP PLIES	4,000.00	25.70	4,707 67	-707.67	118%	3,000.00	46.95	3,695,66	695,66	123	
30-471-202-0003         WASTEWATER + ADVERTISING         2.900.00         0.00         496.00         2.464.00         17%         2.000.00         10.00         3.090         2.000.00           30-471-209-0000         WASTEWATER + CASULINE         5.000.00         10.81         88.8         7.41.16.33         88%         5.000.00         2.958.45         10.01.4         389.96         2.2           30-471-209-0000         WASTEWATER + CHEMCALS         45,000.00         1.974.57         10.537.66         2.88.124         30%         5.000.00         2.958.45         5.000.00         2.958.45         12.944.94         4.755.22         2.04498         7.75.32         2.0498         7.75.32         2.0498         7.75.32         2.0498         7.75.32         2.0498         7.75.32         2.0498         7.75.32         2.0498         7.75.32         2.0498         7.75.32         2.0498         7.75.32         2.0498         7.75.32         2.0498         7.75.32         2.0498         7.75.32         2.0498         7.75.32         2.0498         7.75.32         2.0498         7.75.32         2.0498         7.75.33         2.0498         7.75.33         2.0498         7.75.33         2.000.00         2.05.35.65         2.000.00         2.05.55.65         6.62.5         6.62.5 </td <td>30-471-202-0002</td> <td>WASTEWATER - DUES/SUBSCRIPTIONS</td> <td>900.00</td> <td>505.00</td> <td>1,375 92</td> <td>-475.92</td> <td>153%</td> <td>800.00</td> <td>0.00</td> <td>210.00</td> <td>590,00</td> <td>26</td>		30-471-202-0002	WASTEWATER - DUES/SUBSCRIPTIONS	900.00	505.00	1,375 92	-475.92	153%	800.00	0.00	210.00	590,00	26	
30-471-209-0000       WASTEWATER - GASCLINE       5,000.00       107.19       883.67       4,116.33       18%       5,000.00       1,582.6       1,100.14       3899.86       22         30-471-125 0000       WASTEWATER - LGE SUPPLIES       30,000.00       3,776.39       20,740.05       9,253.95       66%       30,000.00       2,458.06       17,324.89       12,675.11       53         30-471-301-0000       WASTEWATER - COMMUNICATIONSERVICES       8,000,00       2,838.06       66,671.97       108,322.03       38%       144,000.00       9,546.25       64.291.6       77,970.34       65       77       66       35,000.00       0,364.23       3,615.66       77       66       35,000.00       2,058.03       38%       144,000.00       9,546.25       64.291.6       77,970.34       66       77       66       35,000.00       3,632.3       3,615.66       76       66       76       66       76       60       0.00       76,970.83       66       77       67.85       144       50.000.00       16,914.55       64.291.6       78,705.42       3,615.66       77       78,700.00       10,000.00       6,951.66       77.66       77.66       77.65       77.65       77.65       77.65       77.65       77.65       77.65		30-471-202-0003	WASTEWATER - ADVERTISING	2,900.00	0.00	49600	2.404.00	17%	2,000.00	0.00	0.00	2,000,00	0	
90-471215 0000       WASTEWATER - L/B SUPPLIES       30,00000       3,7633       20,74005       928,915       66%       30,00000       2,058,45       17,324,69       17,834,16       35,16554       33         30-471-217,0000       WASTEWATER - CHMICALS       45,000,00       12,8310       16,87,60       28,812.60       35%       53000,00       2,938,44       17,834,16       35,16554       33         30-471-301-0000       WASTEWATER - LECTINICY       175,000,00       10,148,87       66,571,97       108,32803       38%       144,000,00       9,946,32       36,432,33,568       420         30-471-303-0000       WASTEWATER - LECTINICY       175,000,00       4,095,17       16,938,38       806,17       66%       55,000,00       3,0432       38,56,68       420         30-471-401-0000       WASTEWATER - BUILDING MAINTENANCE       20,000       5,068,57       43,128,82       17,33       25,000,00       1,000       3,057,60       0,000       1,000       1,000,000       1,000,000       1,000,000       1,000,000       1,000,000       1,000,000       1,000,000       1,000,000       1,000,000       1,000,000       1,000,000       1,057,00       0,000       1,000,000       1,057,00       0,000       1,000,000       1,000,000       1,000,000       1,057,		30-471-209-0000	WASTEWATER - GASOLINE	5,000.00	108.19	883_67	4,116.33	18%	5,000.00	15826	1,100-14	3899.86	22	
30-47:27:000 WASTEWATER - CHEMICALS 45,0000 1,95:00 15,13:10 2,80:500 66 (50:000 1,24940 4,75:512 2,40498 77 30-47:30:0000 WASTEWATER - COMMUNICATIONSERVICES 8,00000 10,148.87 66,671.97 108,32:03 38% 144,000.00 9,546.25 64,291,66 79,708.34 40 30-47:30:0000 WASTEWATER - ELECTRICITY 175,000.00 10,148.87 66,671.97 108,32:03 38% 144,000.00 9,546.25 64,291,66 79,708.34 40 30-471:40:0000 WASTEWATER - BUILDING MAINTENANCE 25,000.00 4,99:517 16,938.73 8,061,7 668 35,00000 2,0000 15,944.55 8,065.45 46 30-471:40:0000 WASTEWATER - VEHICLEMAINTENANCE 5,000.00 0,000 7,0665 -706.65 114% 5000.00 12,0244.55 8,005.45 46 30-471:40:0000 WASTEWATER - VEHICLEMAINTENANCE 5,000.00 0,00 7,0665 -706.65 114% 5000.00 13200 2,257,54 2,742.46 41 30-471:40:0000 WASTEWATER - VEHICLEMAINTENANCE 5,000.00 0,1882/2 34,662.07 668% 50,000 0,00 0,000 0,00 0,00 0,00 0,00		30-471215 0000	WASTEWATER - LAB SUPPLIES	30,000.00	3,776.39	20,740.05	9.259.95	69%	30,000,00	2,058.48	17,32489	12,675 11	58	
30-473-301-0000       WASTEWATER - COMMUNICATIONSERVICES       8,00000       12,148,10       2,80590       66%       6,800.00       1,29449       4,75502       2,04498       77         30-473-301-0000       WASTEWATER - LECTRICITY       175,000.00       10,148,87       66,671.97       106,338.03       38%       144,000.00       9,546,.5       64,270.66       70,700.8.4       47         30-471-401-0000       WASTEWATER - BULDING MAINTENANCE       25,000.00       4,095.17       16,938.73       8,061,.77       66%       35,000.00       10,914,.55       8,085,45       66       67       60       0.00       16,914.55       8,085,45       66       90       0.00       16,914.57       8,081,57       143,128.82       143,128.82       143,128.82       143,128.82       143,128.82       143,120.00       2,090.00       16,914.56       8,085,45       66       67       60       0.00       0.00       10,015.00       0.00       10,015.00       100,00       10,010.00       10,010.00       10,010.00       10,010.00       10,010.00       10,010.00       10,010.00       10,010.00       10,010.00       10,010.00       10,010.00       10,010.00       10,010.00       10,010.00       10,010.00       10,010.00       10,010.00       10,010.00       10,010.00		30-471-217-0000	WASTEWATER + CHEMICALS	45,000.00	1,695.00	16,187.60	28.81240	35%	53,000,00	2,49800	17,834,16	35,16584	34	
30 471302-0000 WASTEWATER - LECTINCTY 175,00000 10,148.97 66,571.97 108,32803 38% 144,000,00 4,9545 64,291,65 79,708,34 25 30-471303-0000 WASTEWATER - LECTINCTY 175,00000 4,09517 16,938,78 80,61,27 668 35,00000 0,000 3,36432 3,635,65 56 30-471-401-000 WASTEWATER - LUDING MAINTENANCE 25,000,00 5,061,57 43,128,82 173% 25,000,00 2,000,00 16,914,55 8,085,45 66 30-471-401-000 WASTEWATER - LUDING MAINTENANCE 0,000 0,00 7,06,65 -76,65 0% 0,00 13200 2,275,4 2,742,46 44 30-471-401-000 WASTEWATER - VEHICLEMAINTENANCE 50,000,00 0,00 7,06,65 -706,85 114% 5,000,00 13200 2,275,4 2,742,46 44 30-471-6000 WASTEWATER - NEDICERENTY JABILITY INSURA 10,575,00 0,00 8,942,27 1,632,73 88% 105,575,00 0,00 10,575,00 0,00 10,575,00 0,00 10,575,00 0,00 0,00 5,554,273,127,276,88,29 44 30-471-6000 WASTEWATER - NEDOSE DISPOSAL 10,000,00 6,680,61 40,302,4 (69,697,59 37% 55,000,00 4,499,61 15,945,71 39,054,29 44 30-471-602,0000 WASTEWATER - NEDOSE DISPOSAL 10,000,00 6,850,61 40,302,4 (69,697,59 37% 55,000,00 4,499,61 15,945,71 39,054,29 44 30-471-602,0000 WASTEWATER - LONTRA CTSERVICES 17,000,00 1,109,00 7,810,14 9,169,85 46% 13,000,00 0,00 45,000 4,500,50 8,497,50 33 40,471-702-0000 WASTEWATER - LONTRA CTSERVICES 17,000,00 1,309,00 7,810,14 9,169,85 46% 13,000,00 0,00 45,000 3,442500 0,00 100 30-471-702-0000 WASTEWATER - MDDT 3,445,00 0,00 4,31055 0,26% 3,442500 0,00 3,442500 0,00 100 30-471-702-0000 WASTEWATER - NDDT 3,445,00 0,00 0,00 100% 174,20000 0,00 15,075,31 14,923,69 50 30-471-702-0000 WASTEWATER - NDDT 3,445,00 0,00 0,00 100% 174,20000 0,00 174,20000 0,00 100 30-471-500-0000 WASTEWATER - NDDT 3,45,00 0,00 0,00 100% 100,00 174,20000 0,00 174,20000 0,00 100 30-471-500-0000 WASTEWATER - NDDTS PINICIPLE 516,114,00 0,00 2,15,700,00 0,00 100% 174,20000 0,00 174,20000 0,00 100 30-471-500-0000 WASTEWATER - NDDS & NOTES PINICIPLE 516,140,00 0,00 2,15,700,00 0,00 100% 174,20000 0,00 174,20000 0,00 100 30-471-500-0000 WASTEWATER - NDDS & NOTES PINICIPLE 516,140,00 0,00 2,15,700,00 0,00 100% 174,20000 0,00 174,20000 0,00 174,200		30-471-301-0000	WASTEWATER - COMMUNICATIONSERVICES	8,000.00	28310	5,193.10	2.805 90	65%	6,800.00	1,29449	4,755,02	2,04498	70	
30-471-03-0000 WASTEWATER = HAT & OL 30-471-03-000 WASTEWATER = BUILDING MAINTENANCE 25,00000 5,081,87 43,128.82 173% 25,000.00 2,0000 16,974.55 8,085.45 46 30-471-402-0000 WWS-EQUIPMENT MAINTENANCE 5,000,00 0,00 7,0665 -706.85 114% 5000,00 2,0008 2,259,54 2,742.46 4 30-471-402-0000 WASTEWATER = VEHILLEMAINTENANCE 5,000,00 1,882;45 -706.85 114% 5000,00 132;00 2,259,54 2,742.46 4 30-471-504-0000 WASTEWATER = VEHILLEMAINTENANCE 5,000,00 1,882;45 -706.85 114% 5000,00 0,20,968 2,231,17 27,688.29 4 30-471:504-0000 WASTEWATER = VEHILLEMAINTENANCE 5,000,00 1,882;45 -706.85 114% 5000,00 0,20,968 2,231,17 27,688.29 4 30-471:504-0000 WASTEWATER = USOBE DISPOSAL 10,0000 6,850,6t 40,302,41 6,959,75,0 0,00 10,575,00 0,00 10,575,00 0,00 10,575,00 0,00 10,575,00 0,00 10,575,00 0,00 10,575,00 0,00 10,575,00 0,00 10,575,00 0,00 10,575,00 0,00 10,575,00 0,00 10,575,00 0,00 10,575,00 0,00 10,575,00 0,00 10,575,00 0,00 10,575,00 0,00 0,00 0,00 0,00 0,00 0,00 0		30 471 302-0000	WASTEWATER + ELECTRICITY	175,000.00	10,148 87	66,671.97	108,328.03	38%	144,000,00	9,546 25	64,291,66	79,708.34	, ag	
30-471-401-0000 WASTEWARTB: BUILDING MAINTENANCE 25,00000 59,81,57 43,228.82 -18,128.82 -173% 25,00000 2,240,00 16,914.55 8,08,45 8 30-471-402-0000 WASTEWARTB: MAINTENANCE 000 0.00 76,65 76,66 0% 0.00 0.00 000 000 000 30-471-403-0000 WASTEWARTB: VEHICLEMAINTENANCE 50,00000 1,382,6 34,6602 15,38398 69% 50,000,00 2,299,85 2,311.71 27,688.29 43 30-471-504 000 WASTEWARTB: STOR MAINTENANCE 50,000,00 1,892,6 34,6602 15,38398 69% 50,000,00 2,098,50 2,311.71 27,688.29 43 30-471-536 0000 WASTEWARTB: SUDGE DI\$P OSAL 10,000,00 6,850,61 40,302,41 69,697,59 39% 55,000,00 4,499,62 15,945,71 39,054,29 43 30-471-502,0000 WASTEWARTB: SUDGE DI\$P OSAL 10,000,00 6,850,61 40,302,41 69,697,59 39% 55,000,00 4,499,62 15,945,71 39,054,29 43 30-471-602,0000 WASTEWARTB: CONTRACTSERVICES 1,000 0,00 11,050,00 14,5500,00 0% 0,00 0,00 0,00 0,00 0,00 0,0		30-471-303-0000	WASTEWATER . HEAT & OIL	25,000.00	4,095.17	16,938.73	8.061 27	68%	35,00000	0.00	3,364,32	31,635.08	10	
30-471-402-0000       WW + EUDIPMENT MAINTENANCE       UU00       ////////////////////////////////////		30-471-401-0000	WASTEWATER - BUILDING MAINTENANCE	45,000.00	5,081.87	43,128.82	-18,128 82	1/3%	25,000.00	2,020,00	10'214 22	8,005,45	108	
30-471-03-0000       WASTEWATER + VEHILLMAINTERANCE       5,00000       1,38226       -7,0005       1475       500000       12200       2,223,312       2,74240         30-471-594-0000       WASTEWATER - FSTEMMAINTERANCE       5000000       1,38226       34,6600       15,38338       69%       50,00000       2,223,312       2,74240         30-471-594-0000       WASTEWATER - FROERTY/LIABILITY INSURA       10,575.00       0,00       8,942.27       1,63273       85%       10,575.00       0,00       0,00       10,575.00       0,00       10,575.00       0,00       0,00       10,957.93       39%       55,00000       4,499.6       15,945.71       39,054.29       147         30-471-502-0000       WASTEWATER - ELGALEXPENSES       0.00       0.00       15,500.00       05%       0.00       0.00       0.00       0.00       10,957.00       0.00       10,957.00       0.00		30-471-402-0000	WW-EQUIPMENT MAINIENANCE	000	0.00	/6.65 5 205 05	(b) (d)	0%	0.00	0.00	2 257 54	UUU AN ENCE		
30-471-00-0000       WASTEWATER-STSTERMAINTERVARUL       500,00000       12,53398       004       50,00000       2,731.01       27,000,000       2,731.01       27,000,000       2,731.01       27,000,000       2,731.01       27,000,000       2,731.01       27,000,000       2,731.01       27,000,000       2,731.01       27,000,000       2,731.01       27,000,000       2,731.01       27,000,000       2,731.01       27,000,000       2,731.01       27,000,000       2,731.01       27,000,000       2,731.01       27,000,000       1,755.00       0.00       10,057.00       0.00       10,057.00       0.00       10,057.00       0.00       10,057.00       0.00       10,057.00       0.00       10,057.00       0.00       10,057.00       0.00       10,057.00       0.00		30-471-403-0000	WASTEWATER - VEHICLEMAINTENANCE	5,00000	000	5,706.85	-/06.85	214%	5,000,00	13200	2,207,54	2, 142,40	45	
30-471-094 0000 WASTEWATER -PEOPERTY LABELET INSOLA 10,02000 6,850,61 40,302,41 69,57,59 37% 55,0000 4,499,62 15,945,71 39,007 0,00 0,00 0,00 0,00 0,00 0,00 0,00		30-471-405-0000	WASTELVATER-SYSTEMMAINTENANCE	50,00000	1,08926	34,610.02	15,38398	00%	10 225 00	2,09583	10 575 00	1,000,29	40	
30-471230     0000     WASTEWATER 30000     1000000     0000     0000     0000     0000     0000       30-471202.0000     WASTEWATER 4LEGALEXPERSES     0000     000     15,500.000     15,500.000     0%     0.000     0.000     4500.000     1,025.00     0.00     4,502.50     8,497.50     3.0       30-471-702-0000     WASTEWATER - AUDIT     3,42500     0.000     4,31050     -88550     126%     3,42500     0.00     3,42500     0.000     1,027.57     10,322.69     5.53     13,232.69     55       30-471-704-0000     WASTEWATER - NPDESPERMITS     100,00000     0.00     15,77,0000     0.00     1000     1000     174,20000     0.00     12432.69     524.05     39.47     50     100     1000     174,20000     0.00     1274,20000     0.00     1274,2000     0.00     1274,2000     0.00     1274,2000     0.00     1274,2000     0.00     1274,2000     0.00     1274,2000     0.00     1274,2000     0.00<		30-471-504-0000	WASTEWATER - PRUYER IY/ LABILITY INSURA	10,575.00	6.850 0	8,942 2	1,032./3	- 13 %	55 000 00	4499 62	15,945 71	39 054 70	25	
Source         Source<		30-471-538 0000	WASTEWATER - SLUDGE DISPUSAL WASTEWATER - I CONFERENCES	10,000,000	0,000 01	15 500.00	15,500.00	0%	000000	000	000	000		
Source         WASTEWATER         Control         Source         Source <thsource< th=""> <thsource< th=""> <thsourc< td=""><td>30-471-002-0000</td><td>WASTEWATED _ CONTRACTORUSES</td><td>17 000 00</td><td>1 109 00</td><td>7 810 14</td><td>9 169 96</td><td>46%</td><td>13000 00</td><td>0.00</td><td>4 502 50</td><td>8.497.50</td><td>35</td></thsourc<></thsource<></thsource<>		30-471-002-0000	WASTEWATED _ CONTRACTORUSES	17 000 00	1 109 00	7 810 14	9 169 96	46%	13000 00	0.00	4 502 50	8.497.50	35	
30-471-704-5000 WASTEWATER - ENGINEERING 30,00000 8,197.33 14,282.40 15,777.60 45% 30,000.00 0.00 15075.31 14,923,69 55 30-471-90-0000 WASTEWATER - NPDESPERMITS 100,00000 0.00 0.00 0.00 100,00000 0% 0.00 0.00 0.00 0.00 0.00 0.0		30-4/1-702-0000	WASTEWATER - AUDIT	3 4 25.00	1,105,00	4.31050	-88550	126%	3.42500	0.00	3 42500	000	100	
30-47): 804-000 WASTEWATER - NPDESPERMITS 100,00000 0.00 0.00 100,0000 0.00 0.00		30471-703-0000	WASTEWATER - FNGINEFEING	30.000.00	B 197.33	14 282.40	15.717.60	48%	30.000 00	0.00	15.076.31	14,923,69	50	
30-471-900-0000 WASTEWATER TRANSFERTO CAPITAL RESEF 275,70000 000 275,70000 000 10% 174,20000 000 174,20000 000 10 30-471-950-0000 WW BONDS & NOTES PRINCIPLE 516,14000 000 301,387,06 214,757, 94 55% 102,540,06 0.00 12,540,06 -0005 10% 30-4,1-951-0000 WW BONDS & NOTES IN FREST 3,99 ±4,42,479 0.00 264-99,247 4,94,59,05 244,757,94 72,479,00 .000 2,540,06 -0005 10% Sewer 2132 4 76% 79,001 62 14,57,710,715 2,99 1,021,724 741,100 5472,104 364 75,710,715 2,99 1,021,724 741,100 5472,104 344 75,710,100 5472,104 344 75,710,100 5472,104 344 75,710,100 5472,104 344 75,710,100 5472,104 344 75,710,100 5472,104 344 75,710,100 5472,104 344 75,710,100 5472,104 344 75,710,100 5472,104 344		30.471.004.0000	WASTEWATER - NPDECPERMITS	100 00000	000	0.00	100 00000	D%	0.00	000	000	0.00		
30-471_950-0000         WW = BONDS & NOTES PRINCIPLE         516,14000         000         301,387,06         214,752_94         58%         102,540,06         0.00         102,540,06         -005         100           30-4,1-951-0000         WW = BONDS & NOTES PRINCIPLE         516,140,00         0.00         301,387,06         214,752_94         58%         102,540,06         0.00         102,540,06         -005         100           30-4,1-951-0000         WW = BONDS & NOTES IN LEREST         3.09         2.43,247         9.00         2.65,049,42,05         244,8         2.92,29,00         JVM9         2.93,841         JV9         J00%           Sewer         2132,4,75,00         7.9%,601         631,55,7         10,75         63,94,51,77         10,75         63,94,71,75,60         54,72,7,54         749,12,4         748,12,92,29,00         JVM9         2.93,26,14,12,2         63,47,75,76,07         63,47,75,76,07         63,94,51,77         10,75         63,94,12,10         54,72,75,4         749,12,44         2.02,72,04         344,72,72,54         63,47,75,76,07         63,41,51,24,48         2,92,10,21,7,24         749,12,44         2.02,72,14         749,12,44         2.02,72,14         749,12,42         2.02,82,14,12,24         749,12,42         749,12,42         749,12,42         749,12,42         749		30-471-004-0000	WASTEWATER TRANSFERTOCAPITAL RESEA	275 70000	0.00	275,700.00	0.00	100%	174,200.00	0.00	174,20000	0.00	100	
30-4_1-951-0000 WW -80ND5 & NO IS IN EREST 309 A2209 0.00 226 429 224 226 0.0 59 481 29,229 0.0 54,72 54 79 72 64 384 787 54 56 578 50 56 9 481 29,229 0.0 54,72 54 79 72 64 384 787 54 56 578 56 9 481 107 79 66 0.0 54,72 54 79 72 64 384 787 54 56 578 56 9 50 12 56 9 56 9 50 12 56 9 56 9 50 12 56 9 56 9 50 12 56 9 56 9 56 9 56 9 56 9 56 9 56 9 56		30-471-900-0000	WW - BONDS & NOTES PRINCIPLE	516,14000	0.00	301,387.06	214.752 .94	58%	102.54000	0.00	102,540,06	-006	100	
Server 2122 9 7 6 00 7 9 00 162 1 9 7 9 1 2 1 0 8 9 1 1 7 7 9 6 8 00 54 2 7 54 7 9 7 2 44 3 8 4 7 5 7 5 6 7 % 6 7 % 1 1 7 7 9 6 8 00 54 2 7 54 7 9 7 2 44 3 8 4 7 5 7 5 6 7 % 6 7 % 1 1 5 7 7 6 6 7 % 1 1 1 5 7 7 6 6 7 % 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		30-4,1-951-0000	WW - BONDS & NO, ES IN, EREST	3.09 4.3.07	9.00	285,089,30	1 19,2.69	964 <i>R</i>	2 9,2579.00	A	29.2.8.91	1.09	.00%	
Tota Operating Budget 11,567,758,00 5 63(1,36) 2/16 8 575,77 10 7/15 2/99 2/08,7.24 749; 999 6/44 2.00 5 7321 44 2 7/38 2/0 8.76 2/6 3831 132 4 7 4	Sewer	1/20.05		21324200	79,60162	490 241	9 689401	21 16816	117796800	54,27,5	4 79 P2 04	384795556	67%	
			Total Operating Budget	11,567,7 SB.OC	63(1,16; 2,44	8 575,71 0.76	2,99 2,02: 7.2	4 749	9,99 €,44 2.00	5 732: 44	7,308 3,00 8.76	2,61836 32	4 7 496	


# Department Heads Monthly Reports to the Town Council and Town Administrator

# Report of the Police Department to the Newmarket Town Council March, 2018

## Activity

Newmarket Police 3 year comparable statistics for month of March.

3	<u>2018</u>	2017	<u>2016</u>
Total calls for service	1989	1530	1647
Motor vehicle stops	631	372	425
Arrests	27	14	19
Offense reports	23	27	24
M/V accidents	7	12	12
Parking tickets	48	65	23
Drug Overdoses	0	3	0
Alarms	23	16	26
Unattended death/Suicide	0	0	2

During the month of March, the Newmarket Police Dispatch Center documented 1989 calls for service. We have investigated 42 criminal complaints that require active investigations in all 23 of the complaints. These criminal complaints include offenses such as

Second Degree Assault, Domestic Violence Assault, Harassment, Theft by Extortion, Theft of Services, Identity Fraud, Criminal Mischief, Possession of Child Pornography, Interference with Custody, Resisting Arrest or Detention as well as other Town Ordinance Violations. Numerous motor vehicle complaints were also investigated. In March, patrol officers conducted 631 motor vehicle stops which led to arrests or citations for charges such as Driving After Suspension, Suspended Registrations, Driving While Intoxicated, Conduct After an Accident, Transportation of Alcoholic Beverages by Minor, Alcohol Ignition Interlock requirement as well as many other citations. Officers conducted a number of welfare checks, house checks and nightly business checks. The patrol division issued 48 parking tickets.

#### Personnel

Sergeant Hankin and Sergeant Jordan attended a Portable Breath Test Instructor class at NH Police Standards and Training. A portable breath test (PBT) instrument is a tool used by police officers to determine whether or not a person has consumed alcoholic beverages and to what extent. We were fortunate to procure five (5) PBT's from the NH Department of Safety at no cost to the Town.

The entire police department attended a four (4) hour block of training relative to use of force. This training included a refresher in the use of police issued Tasers, department policy, state law and supreme court decisions relative to the use of non-deadly force and deadly force.

Officers continue to work grant funded patrol shifts (4 hour blocks) targeting motor vehicle infractions such as speeding, hands free laws, seat belt violations and crosswalk violations.

Detective Stevens helped facilitate a successful Winter Special Olympics on March 5<sup>th</sup> and 6<sup>th</sup> in Waterville Valley. This is a chance for Special Olympians from across NH to participate in winter athletics and be recognized by law enforcement.

#### **Parking Violations**

As reported earlier in this report, patrol officers issued 48 parking tickets during the month of March. The winter parking ban is still in effect.

#### **Motor Vehicle Accidents**

During the month of March we responded to 7 motor vehicle accidents. One accident in particular occurred on Main Street when a vehicle left the roadway and struck the building where Jeremy's Pizza once operated. Fortunately, no pedestrians were struck or injured.

#### Fleet

All vehicles in the fleet are currently working and are being closely monitored by supervisors. In last month's report to the Council, I mentioned a recall on the Ford SUV's however I failed to mention our response to the recall which may have caused some confusion. The vehicles that were affected by the recall were brought to McFarland Ford and the recall service was completed. We have a long standing practice to ensure that we comply with all recall notices put out by Ford.

#### **Police Station Maintenance:**

The police department facility is in good working condition. Nothing new to report

#### Drug related issues

For the second month in a row, I am pleased to report that the Police Department did not respond to any opiate related overdoses. I would be naive to report that this crisis is over, however I am pleased that we are seeing positive results here in Newmarket.

I am pleased to report the following statistics for Heroin/Opiate related overdoses and deaths since the inception of the Newmarket Alliance for Substance Abuse Prevention (N-ASAP);

2015- 45 Overdoses with 4 deaths resulting
2016- 22 Overdoses with 2 deaths resulting
2017- 15 Overdoses with 2 death resulting
2018- 1 Overdose with 1 death resulting (thus far)

I have consistently added the foregoing paragraph in my last few reports as I feel that it is important for anyone reading this report to understand the philosophy this agency has relative to this epidemic.

The police department's culture with regards to the opiate epidemic has evolved from "arrest and incarcerate" to "intervene and assist with recovery" when it comes to individuals who are addicted to opiates. It is my personal and professional belief that we cannot arrest our

way out of this epidemic. Even if we tried that route, the cost to the taxpayers would be astronomical. Furthermore, the county jails and the state prison could not house all arrested "users". With that being said, we will <u>NOT</u> tolerate anyone who sells, distributes or dispenses any of this poison that is in our community. If anyone is caught selling, distributing or dispensing narcotics we will prosecute them to the fullest extent of the law.

#### Miscellaneous

During the month of March, the Police Department along with School Administrators participated in two community forums for the parents of Newmarket School District Students. These were information forums designed to inform "best practice" procedures in the event of an active incident at the high school and the elementary school. These forums were well attended and well received by our citizens and we plan to host this event on an annual basis moving forward.

Detective Stevens has been requested by the Governor's Office and by the Director of Homeland Security and Emergency Management to actively participate in the Governors new recently formed School Safety Task Force. Detective Stevens has already attended one work session and will continue to participate and provide guidance and expertise relative to school safety.

#### Fiscal Year 2017/2018 Budget:

We are eight months into fiscal year 2017-2018. We are within our projected budget having expended approximately 66 % of the operating budget.

Respectfully Submitted,

Kyle True Police Chief

P	OI	J	C.	E

	F	ISCAL YEAR 20	)18	
Budget	MTD Transactions	YTD Transactions	Balance Year	% Spent
1,338,426.00	93,756.04	888,794.17	449,631.83	66%
	F	ISCAL YEAR 20	)17	
Budget	MTD Transactions	YTD Transactions	Balance Year	% Spent
1.322.707.00	88.251.45	868,477.18	454,229.82	66%

### Fire and Rescue Department

For the month of March, the department responded to 111 calls for service; 56 of which were medical calls, transporting 42 patients to area hospitals. The ambulance responded to Newfields for five medical calls, transporting five patients. The ladder responded to Newfields twice to assist with calls for service. The command truck responded to Newington and Seabrook for SERT call outs.

The Fire I class will be utilizing the houses at 54 and 56 Exeter road for training every week now until June. You will see apparatus there from Newmarket and neighboring communities over the next couple of months. The classes are progressing well and will finish in June.

We responded to 24 calls for service on 3/7, which was the big, heavy, wet snow storm that took down multiple trees and wires throughout town. We also assisted the highway department with removing trees from the roads. At one point during the storm multiple roads were closed because of downed trees and wires. Many areas throughout town lost power for several hours, and some for days.

As the weather gets warmer and the ice is out of the rivers, crews will begin training with the new boat. We hope to have everyone trained and signed off on operating it within a month.

I have attached charts with activity reports for the month of March.

FIRE			FISCAL YEAR 2018		
	Budget	<b>MTD</b> Transactions	YTD Transactions	<b>Balance</b> Year	% Spent
	376,958.00	25,769.52	268,733.87	108,224.13	71%
			RISCAL VEAR 2017		
	Budget	MTD Transactions	YTD Transactions	Balance Year	% Spent
	358,762.00	29,560.73	227,406.56	131,355.44	63%

Newmarket, NH

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Breakdown by Major Incident Types for Date Range Zone(s): All Zones | Start Date: 01/01/2017 | End Date: 03/31/2017



MAJOR INCIDENT TYPE	#INCIDENTS	% of TOTAL
Fires	3	1.03%
Rescue & Emergen <b>cy</b> Medical Service	198	68.0 <b>4%</b>
Hazardous Condition (No Fire)	20	6.87%
Service Call	24	8.25%
Good Intent Call	22	7.56%
False Alarm & False Call	23	7.90%
Severe Weather & Natural Disaster	1	0.34%
TOTAL	291	100.00%



Detailed Breakdown by Incident Type			
INCIDENT TYPE	#INCIDENTS	% of TOTAL	
111 - Building fire	1	0.34%	
113 - Cooking fire, confined to container	2	0.69%	
300 - Rescue, EMS incident, other	3	1.03%	
320 - Emergency medical service, other	1	0.34%	
321 - EMS call, excluding vehicle accident with injury	177	60.82%	
322 - Motor vehicle accident with injuries	5	1.72%	
323 - Motor vehicle/pedestrian accident (MV Ped)	1	0.34%	
324 - Motor vehicle accident with no injuries.	10	3.44%	
381 - Rescue or EMS standby	1	0.34%	
400 - Hazardous condition, other	1	0.34%	
412 - Gas leak (natural gas or LPG)	2	0.69%	
413 - Oil or other combustible liquid spill	1	0.34%	
424 - Carbon monoxide incident	5	1.72%	
440 - Electrical wiring/equipment problem, other	2	0.69%	
444 - Power line down	9	3.09%	
500 - Service Call, other	2	0.69%	
511 - Lock-out	1	0.34%	
522 - Water or steam leak	1	0.34%	
531 - Smoke or odor removal	1	0.34%	
551 - Assist police or other governmental agency	4	1.37%	
553 - Public service	1	0.34%	
554 - Assist invalid	9	3.09%	
561 - Unauthorized burning	1	0.34%	
571 - Cover assignment, standby, moveup	4	1.37%	
600- Good intent call, other	3	1.03%	
611 - Dispatched & cancelled en route	16	5.50%	
622 - No incident found on arrival at dispatch address	1	0.34%	
631 - Authorized controlled burning	1	0.34%	
651 - Smoke scare, odor of smoke	1	0.34%	
700 - False alarm or false call, other	2	0.69%	
713 - Telephone, malicious false alarm	1	0.34%	
731 - Sprinkler activation due to malfunction	1	0.34%	
733 - Smoke detector activation due to malfunction	3	1.03%	
735 - Alarm system sounded due to malfunction	1	0.34%	
736 - CO detector activation due to malfunction	2	0.69%	
743 - Smoke detector activation, no fire- unintentional	2	0.69%	
745- Alarm system activation, no fire- unintentional	7	2.41%	
746- Carbon monoxide detector activation, no CO	4	1.37%	
813 - Wind storm, tornado/hurricane assessment	1	0.34%	
TOTAL INCIDENTS:	291	100.00%	



Newmarket, NH

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Breakdown by Major Incident Types for Date Range Zone(s): All Zones | Start Date: 01/01/2018 | End Date: 03/31/2018



MAJOR INCIDENT TYPE	#INCIDENTS	%of TOTAL
Fires	2	0.70%
Rescue & Emergency Medical Service	180	63.38%
Hazardous Condition (No Fire)	24	8.45%
Service Call	29	10.21%
Good Intent Call	11	3.87%
False Alarm & False Call	21	7.39%
Severe Weather & Natural Disaster	6	2.11%
Special Incident Type	11	3.87%
TOT	AL 284	100.00%



Detailed Breakdown by Incident Type			
INCIDENT TYPE	#INCIDENTS	% of TOTAL	
111 - Building fire	1	0.35%	
14 - Chimney or flue fire, confined to chimney or flue	1	0.35%	
20 - Emergency medical service, other	11	3.87%	
21 - EMS call, excluding vehicle accident with injury	163	57.39%	
322 - Motor vehicle accident with injuries	1	0.35%	
24 - Motor vehicle accident with no injuries.	5	1.76%	
10 - Combustible/flammable gas/liquid condition, other	1	0.35%	
12 - Gas leak (natural gas or LPG)	4	1.41%	
24 - Carbon monoxide incident	6	2.11%	
40 - Electrical wiring/equipment problem, other	1	0.35%	
44 - Power line down	11	3.87%	
45 - Arcing, shorted electrical equipment	1	0.35%	
00 - Service Call, other	5	1.76%	
11 - Lock-out	3	1.06%	
20 - Water problem, other	5	1.76%	
22 Water or steam leak	1	0.35%	
50 - Public service assistance, other	1	0.35%	
51 - Assist police or other governmental agency	1	0.35%	
53 - Public service	1	0.35%	
54 - Assist invalid	2	0.70%	
71 - Cover assignment, standbγ, moveup	10	3.52%	
00 - Good intent call, other	4	1.41%	
11 - Dispatched & cancelled en route	5	1.76%	
22 - No incident found on arrival at dispatch address	1	0.35%	
52 - Steam, vapor, fog or dust thought to be smoke	1	0.35%	
00 - False alarm or false call, other	5	1.76%	
15 - Local alarm system, malicious false alarm	1	0.35%	
33 - Smoke detector activation due to malfunction	1	0.35%	
35 - Alarm system sounded due to malfunction	3	1.06%	
36 - CO detector activation due to malfunction	4	1.41%	
40 - Unintentional transmission of alarm, other	1	0.35%	
43 - Smoke detector activation, no fire - unintentional	3	1.06%	
44 - Detector activation, no fire - unintentional	1	0.35%	
45 - Alarm system activation, no fire - unintentional	2	0.70%	
00 - Severe weather or natural disaster, other	5	1.76%	
12 - Flood assessment	1	0.35%	
00 - Special type of incident, other	11	3.87%	
TOTAL INCIDENTS:	284	100.00%	



Newmarket, NH

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## Incident Type Count per Station for Date Range

Start Date: 03/01/2018| End Date: 03/31/2018

INCIDENT TYPE	#INCIDENTS
Station: 1 - STATION 1	
320 - Emergency medical service, other	5
321 - EMS call, excluding vehicle accident with injury	51
324 - Motor vehicle accident with no injuries.	1
412 - Gas leak (natural gas or LPG)	1
424 - Carbon monoxide incident	1
444 - Power line down	
500 - Service Call, other	3
511 - Lock-out	1
550 - Public service assistance, other	1
551 - Assist police or other governmental agency	1
553 - Public service	1
554 - Assist invalid	2
571 - Cover assignment, standby, moveup	1
600 - Good intent call, other	3
611 - Dispatched & cancelled en route	1
700 - False alarm or false call, other	3
735 - Alarm system sounded due to malfunction	2
736 - CO detector activation due to malfunction	4
743 - Smoke detector activation, no fire - unintentional	2
745 - Alarm system activation, no fire - unintentional	2
800 - Severe weather or natural disaster, other	5
900 - Special type of incident, other	9
# Incidents for 1 - Station 1	: 111

Only REVIEWED incidents included.



Newmarket, NH

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## Incidents by Day of the Week for Date Range

Start Incident Type: 100 | End Incident Type: 911 | Start Date: 03/01/2018 | End Date: 03/31/2018



DAY OF THE WEEK	# INCIDENTS
Sunday	11
Monday	9
Tuesday	12
Wednesday	11
Thursday	43
Friday	18
Saturday	7
TOTAL	111



Newmarket, NH

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### Incidents per Hour for Incident Type Range for Date Range

Start Incident Type: 100 | End Incident Type: 911 | Start Date: 03/01/2018 | End Date: 03/31/2018



HOUR	#of CALLS
00:00 - 00:59	4
01:00 - 01:59	7
02:00 - 02:59	4
03:00 - 03:59	3
04:00 - 04:59	3
05:00 - 05:59	4
06:00 - 06:59	5
07:00 - 07:59	9
08:00 - 08:59	9
09:00 - 09:59	4
10:00 - 10:59	11
11:00 - 11:59	4
12:00 -12:59	3
13:00 - 13:59	2
14:00 - 14:59	6
15:00 - 15:59	7
16:00 - 16:59	1
17:00 - 17:59	6
18:00 -18:59	2
19:00 - 19:59	7
20:00 - 20:59	1
21:00 - 21:59	4
22:00 - 22:59	3
23:00 - 23:59	2
TOTAL:	111

Only REVIEWED incidents included.



#### Public Works Department

In March, we had two major snow storms, with 16" and 20" of snow falling. One of the storms was very wet, heavy snow causing trees and branches to fall into the roadways, and bringing powerlines down in areas, making plowing and clearing the streets very challenging. The Fire Department assisted us with clearing trees that weren't touching downed powerlines and putting up road closed signs. The snowfall rates at times reached 3 inches per hour, making it very difficult for the plows to keep up with it. The storm caused significant tree damage throughout town. Crews will perform roadside clean up over the next several weeks.

The municipal parking lot on Bay Road has been posted with no parking signs. This lot will be reopened in early May, after being rebuilt.

The street sweeper is out cleaning up the streets. The benches and trash/recycling barrels have returned to Main Street, a true sign of spring!

The North Main Street project has started again. This is a NHDOT project and will continue throughout the summer. This project is slated to be completed in November. There will be delays traveling north on 108.

The seasonal employees will be returning to work. These crews will begin cleanup of parks and cemeteries; the harsh winter left a lot of debris behind.

I have attached charts with activity reports for the month of March.

DPWADMIN		FIS	CAL YEAR 2018		
	Budget	MTD Transactions	YTD Transactions	Balance Year	% Spent
	434,282.00	45,747.24	307,533.14	126,748.86	71%
		FIS	CAL YEAR 2017		
	Budget	MTD Transactions	YTD Transactions	Balance Year	% Spent
	427,516.00	45,386.91	308,008.56	119,507.44	72%
ROADS& SIDEWALKS		FIS	CAL YEAR 2018		
	Budget	MTD Transactions	YTD Transactions	Balance Year	% Spent

	520,270.00	40,192.46	448,492.31	71,777.69	86%
	Budget	<u>FIS</u> MTD Transactions	CAL YEAR 2017 YTD Transactions	Balance Year	% Spent
	330,970.00	60,622.07	206,437.45	124,532.55	62%
STREET LIGHTS		FIS	CAL YEAR 2018		
	Budget	MTD Transactions	YTD Transactions	Balance Year	% Spent
	49,000.00	3,838.05	26,644.67	22,355.33	54%
	Budget	<u>FIS</u> MTD Transactions	CAL YEAR 2017 YTD Transactions	Balance Year	% Spent
	49,000.00	4,164.70	29,768.67	19,231.33	01%0
CEMETERIE		FIS	CAL YEAR 2018		
5	Budget	MTD Transactions	YTD Transactions	Balance Year	% Spent
	38,132.00	1,415.24	13,617.96	24,514.04	36%
	Budget	<u>FIS</u> MTD Transactions	<u>CAL YEAR 2017</u> YTD Transactions	Balance Year	% Spent
	37,253.00	1,518.05	19,256.44	17,996.56	52%

	Events		Inches		
2018		38		95	
2017		43		87	



10

X

 Budget
 Salt
 Tons

 2017
 \$80,000.00
 \$121,242.00
 2344

2018 \$80,000.00 \$126,588.00 2375





Budget Gas 2018 \$10,000.00 \$28,438.00 Gallons 14,793 Avg. Price Budget Diesel 3 \$1.02 \$30,000.00 \$22,015.00 Gallons Avg. Price 9,191 \$2.24









## **Facilities Report**

We have received approval for several repairs or replacement to our heating systems throughout the Town Facilities. The Police Station heater replacement for the Sally port has been ordered, the heater replacement for the Public Works Garage has been ordered, and we are completing the paperwork and equipment ordering for the energy upgrades at the Community Center. We sent out two RFPs in March, one for the Tiger house painting and one for the Community Center Gazebo concrete pad installation. We will be submitting Resolutions in April to move forward with the Gazebo work immediately and the Tiger House withs start date after July 1, 2018. We finished up on the final changes to the dais with excellent results in appearance and function. We continue to be very busy with town and school project management, cost projections, and bidding.

We are closing in on our draft for the Town Facilities study with 80% of facilities survey and cost analysis being completed, the report basis is 90% complete, and we still have targeted April for the draft report to be completed.

We have target April/May to take final testing as a Certified Stormwater Inspector/Plan Approver.. This all connects to our MS4 permitting process and the steps we will need to take going forward.

The Building and Grounds staff has been working very hard as well as the School Custodial staff with all of the snow we have been getting the past several weeks. They all have to deal with the snow as well as their regular duties so they all have been working additional hours.

The school project is moving forward with site work beginning April 16, 2018 with many site changes starting the week of April 9, 2018. The school continues at this point to be on target to meet the schedule set forward by the School Building Committee.

The Building and Grounds crews continue to do regular maintenance and grounds care throughout the town. The School based custodial staff are back into their regular routine.

FACILITIES	FISCAL YEAR 2018										
	Budget	MTD Transactions	YTD Transactions	Balance Year	% Spent						
	545,965.00	25,959.78	333,322.38	212,642.62	61%						
		F	ISCAL YEAR 20	017							
	Budget	MTD Transactions	YTD Transactions	Balance Year	% Spent						

482,233.00	34,287.46	

# Environmental Services Department System Report



#### Wastewater Treatment Plant Tours

The Wastewater Department will be having an open house on Saturday May 19<sup>th</sup> from 9 am to noon for residents and interested pa<sup>r</sup>ties that would like to take a guided tour of the Town's new wastewater treatment plant process.

#### Shut Off Notices

The Wastewater Department will be sending shut off notices in April for past due sewer account balances.

#### Nitrogen Control Planning

The Wastewater Department is currently working on the Total Nitrogen Control Plan. We have established the Town's total nitrogen baseline. The next piece will be looking at ways the Town can reduce its nonpoint source nitrogen, reduce nitrogen discharge from the wastewater treatment plant, and on a Lamprey River Sampling Program.

#### Processed Wasted Sludge

The Wastewater Department processed 389,409 gallons of 0.75% wasted solids from its treatment process with its Huber dewate<sup>1</sup>ing screw press. This resulted in 65.11 ton of 18% solids that were hauled off for disposal.

#### Work Log

3/2/2018 - 10:00-10:35 - Removed wear ring on pump #1 impeller to help with clogging issues.
3/5/2018 - 09:50-10:30 - Adjusted Multitrode probes in Salmon St lift station wet wells so that pumps #1 and #2 to alternate more evenly.

3/6/2018 - All Wastewater generators were exercised and lift stations checked.

3/6/2018 - During lift station checks, Bay Rd. lift station pump #2 was not priming, the pump piping, inspection cover and wear plate cover were tested for leaks and none were found. Next the pump air release valve was checked to make sure it was clear of debris and working properly. Upon inspection the air release valve was working fine. The pumps discharge valve was checked, and the valve was working fine. The pump was started up to see if it would prime after letting the stations wet well fill a little higher than the normal pump run level. When the pump started to prime, it began to make a grinding noise. The noise stopped once the pump primed and we let it pump the wet well down to the normal pump shut off set point. We waited for the wet well to reach the normal pump run level to see if the pump had stayed primed. The pump turned on and made the same noise as before. The pump was turned off. The pump was then turned on again and the pump and all the piping were shaking pretty good with the same grinding noise. We also noticed the base of the pump that is bolted down to the floor was slightly lifting up and down and side to side at which point the pump was turned off and taken out of service. We tried to see if we could tighten any of the bolts on the base of the pump casing but 3 of them were rusted in place and looked like they would snap off if we tried and harder. One of the bolts was loose and we managed to remove it, we found that most of the threads on the bolt had worn away. We reamed out the bolt hole threads to get any debris out of it and installed a new bolt. The pump was then started to see if it would prime, it took a minute or two but it primed and there was no grinding or shaking. The remaining bolts that are rusted will have to be grinded off, drilled out and replaced. 3/7/2018 - 22:30 - Bay Rd. lift station call out for generator run alarm due to a power outage during a snow storm.

3/8/2018 - 05:30 - Wadleigh Falls lift station call out for generator run alarm due to a power outage during a snow storm.

3/12/2018 - 14:00 - 14:30 - During lift station checks Salmon St. lift station Multismart control was found to have a PUMP #1 LEVEL PROBE FAILURE fault on it. Tried to reset the fault but the Multismart unit would not allow it. Proceeded to clean both pump #1 & 2 wet well level probes and tried to reset the fault again but the Multismart unit still would not allow it to be reset. Rebooted Multismart unit and the fault was still active. The Multismart unit did allow the fault to be reset. Let pumps run through a couple of pump down cycles and everything ran fine.

3/16/2018 - 0900 - 1400 - Gemini electric Inc installed 2 new Chromalox air heaters for hazardous locations in Grit Building.

3/20/2018 - Huber press was cleaned inside and out with a steam cleaner pressure washer.

3/23/2018 - TriState Generator LLC started to install new parts for the Bay Rd. generator.

3/26/2018 - 09:00 - 12:30 - Aeration tank #2 mixer 2A had a vibration noise. The mixer was pulled, cleaned off and checked for loose parts. No mechanical issues were found. All the mixers in Aeration tanks 1 and 2 were pulled up and cleaned.

3/26/2018 - At 6:30 AM, we were called for water coming from manhole 5-262 at the rear of 9 South Street and it was overflowing onto the grass. Upon arrival we opened the downstream manhole and noted no flow. The VacCon truck arrived and jetted the line upstream and relieved the plug. Approximately 500 gallons of sewage was discharged from the manhole. It was absorbed into the ground around the manhole. The EPA and NHDES were notified by a required phone call and letter. 3/27/2018 - All Wastewater generators were exercised under load and lift stations checked.

				Mo	onth	ly C	Dpe	rati	ons F	Rep	oor	t			
						New	marl	tet \	<b>NPCF</b>						
					Р	ermi	t# N	нос	10019	6					
						N	<b>Narc</b>	h-20	)18	-					
-					Prim	arv (	Dner	ator	Sean G	reia					
	Inf Flow	Fff	Flow	MGD	BC		T	S	Nitrogen	P	Ή	Fecal	Enter	Chlo	orine
$\vdash$	MGD	Min	Max	Total	Inf	Fff	Inf	Fff		Inf.	Eff	Colif.	ococci	Res	idual
1	5360	26	11	5420						74	6.9	1	<1	0.00	0.00
2	6230	25	14	6500						76	68	4	2	0.00	0.39
3	6370	30	13	6410						7.5	7.0	<2	2	0.24	0.57
4	6200	.27	1.2	.6240						7.6	7.0	<2	2	0.11	0.39
5	5560	21	13	5850		4.7		3.9	6.4	7.7	7.0	1	12	0.68	0.39
6	.5270	.21	1.3	.5430		5.0		3.8	5.1	7.4	6.7	<2	4	0.49	000
7	.5550	.16	14	.5710						7.6	7.0	<2	5	0.00	0.34
8	.5680	.04	1.4	.5770		-				7.6	6.8	2320	2420	0.11	0.00
9	.5530	.17	1.4	.5690		1				7.7	7.0	<2	21	0.66	0.00
10	5660	.18	1.4	.5550						7.7	7.0	<2	1	0.00	0.09
11	5830	.20	1.4	.5800						7.7	6.9	3	2	0.09	0.00
12	.5610	.19	1.2	.5790		-				7.6	7.0	<2	18	0.00	0.00
13	6010	.29	1.3	.6030		7.4		4.7	2.8	7.5	6.8	1	26	0.05	0.00
14	6240	.27	11	.6630		7.3		4.4	3.7	7.5	7.0	4	12	0.00	0.08
15	.6140	.30	1.3	.6280						7.6	6.9	1	70	0.05	0.00
16	5890	.27	1.3	.6000						7.6	6.9	5	59	0.00	000
17	.5820	.20	1.3	.5640						7.5	7.0	9	36	0.00	0.00
18	.5840	.21	1.2	.5570						7.5	7.0	1	28	0.00	0.00
19	.5090	.17	1.2	.5120		5.7		4.5	2.2	7.9	7.0	<2	99	0.00	0.00
20	.4910	.15	1.1	.4760		5.0		4.3	2.2	7.9	7.0	6	21	0.00	0.06
21	.4870	.18	1.2	.5090						7.8	7.0	4.5	20	0.00	0.00
22	.4840	.16	1.2	.5130						7.7	7.1	<2	12	0.09	0.00
23	.4920	.20	1.2	.4920						7.8	7.0	1	6	0.00	0.05
24	.5300	.18	1.1	.5240						7.2	7.0	<2	7	0.00	000
25	.5490	.18	1.1	.5410					2.1	7.8	7.1	1	6	000	0.00
26	.5320	.19	1.2	.5570	216	5.2	198	2.9		7.7	7.1	<2	7	0.00	0.00
27	.5270	.27	1.1	.5610	269	3.9	273	2.5	2.0	7.8	6.9	6	11	0.00	0.00
28	.5360	.22	1.1	.5350						7.7	6.9	<2	<1	0.48	0.00
29	.5410	.22	1.1	.5490						7.7	7.0	2	11	0.00	0.00
30	.5510	.26	1.1	.5640						7.8	7.0	2	8	0.00	0.00
31	.5570	.21	1.0	.5450						7.8	7.1	<2	2	0.00	0.00

Average Wastewater Flow Discharged: 0.5648 Million Gallons/Day

Biochemical Oxygen Demand (BOD) Removal: 98%

Total Suspended Solids (TSS) Removal: 98%

Total Nitrogen (TN) Average Discharge per day: 3.3 mg/L, 15.5 pounds



#### Water Projects in progress

- Ø Bennett and Sewall Well Improvements
- Ø Preliminary work and cost estimating for MacIntosh and Tucker Well Treatment
- Ø Creating the Water Department 10-year Capital Project Plan

Ø Working on GIS mapping for water and sewer to include water and sewer system maintenance.

#### Shnt Off Notices

The Water Department will be sending shut off notices in April for past due water account balances.

## Lead and Copper Sampling

The Town is required to perform lead and copper sampling on 40 homes in the second quarter of 2018. The Department will be notifying residences in mid April and sampling at the end of April.

#### Water Service Repairs

Department personnel was called in after hours for water bubbling up in the road. It was determined that 12 New Road's water service was leaking. With help from the Public Works Department, 12 New Road's water plastic water service was replaced with a new copper service.

Date	Bennett	130gpm	Sewall	200gpm	Mac Well	315 gpm	
	Hrs	Gallons	Hrs	Gallons	Hrs	Gallons	Total
1	7.6	59,020	7.6	90730	7.4	139,300	289,050
2	9.5	73,985	9.5	113705	9.2	173,600	361,290
3	8.3	64,547	8.3	99271	8	152,700	316,518
4	9.3	72,504	9.3	111542	9.1	171,900	355,946
5	8	62,120	8	95,678	7.8	146,500	304,298
б	9.9	76,533	10	119,188	8.6	162,800	358,521
7	10.9	84,885	10.8	128873	0	0	213,758
8	12.3	110,236	16.8	227,233	0	0	337,469
9	7.5	57,992	7.7	93,282	7.2	136,700	287,974
10	8.2	63,566	8.3	99,621	7.8	149,500	312,687
11	10.7	83,715	10.6	126,866	10.6	199,300	409,881
12	7.4	57299	7.4	88,108	7.1	135,200	280,607
13	9.8	76360	9.8	117,471	9.5	179,600	373,431
14	8.1	63,367	8.2	97,486	8	149,700	310,553
15	8.2	63,539	8.3	99, <b>4</b> 13	5.6	150,600	313,552
16	8.9	69,981	8.8	105,743	8.7	164,430	340,154
17	8.4	65,316	8.4	100,599	8.1	153,090	319,005
18	10.7	83,529	10.7	128,474	10.4	196,700	408,703
19	7.9	61,230	7.9	94,138	7.7	144,700	300,068
20	8	62,532	8	121, 96	7.8	147,800	306,453
21	9	69,640	9.1	108,814	8.8	165,300	343,754
22	8.8	68,197	8.6	103,405	8.4	159,900	331,502
23	7.8	60,722	7.8	93,403	7.6	143300	297,425
24	10.2	78,917	10.2	121,388	9.8	185,700	386,005
25	9.4	73,461	9.4	112,800	9.3	174300	360,561
26	8	62,469	8	62,469	7.8	147,500	272,438
27	9.1	70,443	9.2	70,443	8.8	167,000	307,886
28	8.9	69,256	8.8	69,256	8.4	159,300	297,812
29	8.1	62999	8.1	62999	7.9	148,800	274798
30	7.9	61265	8	61265	7.7	144,600	267,130
31	10.4	81090	10.3	81090	10.1	190,700	352,880
otal	277.2	2,170,715	281.9	3,180,874	243.2	4,640,520	9,992,109
VG.Day	9.9	77,526	10.1	113,603	8.7	165,733	356,861
Max Dav	12.3	110.236	16.8	227.233	10.6	199.300	409,881

Below are the results from our required water system monthly monitoring.

Site	Location	Date Time	РН	Temp 'C	Specific Conductance us/cm	Alkalinity	PO4 mg/L	Free Cl2 mg/L	Total Coliform
1	Lamprey	3/6/18 0810	8.61	11	260	64	0.71	0.41	Absent
2	Racquet Club	3/6/18 0835	8.52	7.4	351	68	0.72	0.06	Absent
3	L+M	3/6/18 0900	8.4	7,5	347	70	0.66	0.08	Absent
4	Aubucchon	3/20/18 0920	8.46	16.1			0.54	0.11	Absent
5	Water Plant								
8	Public Works	3/20/18 0900	8.22	9.9			1.0	0.13	Absent
9	Town Hall	3/20/18 0835	8.21	16.7			0.78	0.09	Absent
Round	Well Site	Date Time	PH	Temp 'C	Specific Conductance us/cm	Alkalinity	PO4 mg/L	Free Cl2 mg/L	
1	Bennett	3/7/18 0807	8.56	7.6			0.53	0.42	
1	Sewell	3/7/18 0828	8.18	8.9			0.91	0.29	
1	Mac Blend	3/6/18 1400	8.39	11.1	364	76	0.56	0.22	
2	Bennett	3/20/18 1257	7.87	6.2	193		0.27	0.17	
2	Sewell	3/20/18 1317	8.06	9.0	297		0.87	0.42	
2	Mac Blend	3/20/18 1320	8.58	11.6	352	72	0.7	0.23	

## WATER

## FISCAL YEAR 2018

Budget	<b>MTD</b> Transactions	<b>YTD Transactions</b>	<b>Balance</b> Year	% Spent
1,137,780.00	48,118.56	916,661.65	221,118.35	81%

	F	ISCAL YEAR 2017		
Budget	MTD Transactions	<b>YTD Transactions</b>	Balance Year	% Spent
932,813.00	62,521.26	711,743.18	221,069.82	76%

SEWER		F	ISCAL YEAR 2018		
	Budget	<b>MTD</b> Transactions	<b>YTD</b> Transactions	<b>Balance Year</b>	% Spent
	2,182,426.00	79,801.62	1,493,024.79	689,401.21	68%
		F	ISCAL YEAR 2016		
	Budget	MTD Transactions	YTD Transactions	Balance Year	% Spent
	1,177,968.00	54,127.54	793,172.04	384,795.96	67%

## **Information Technology**

- 1. Work continues in earnest to move to MUNIS, the new accounting software. This has been taking up a lot of my time and will for the foreseeable future.
- 2. As part of the new finance software, I finished installing the new software that will be needed in Town Clerk and Tax Collection, as MUNIS has no interface for these departments. The next fun step will be data migration.
- 3. Those two items and day to day issnes have been eating up any available time.

IT		Ī	FISCAL YEAR 2018		
	Budget	<b>MTD</b> Transactions	<b>YTD</b> Transactions	<b>Balance</b> Year	% Spent
	139,422.00	5,842.38	108,320.14	31,101.86	78%
		I	FISCAL YEAR 2017		
	Budget	<b>MTD</b> Transactions	<b>YTD</b> Transactions	Balance Year	% Spent
	135,558.00	6,710.13	109,058.14	26,499.86	80%



### Office of Building Safety, Health and Zoning Enforcement

### Monthly Report April 2018

### **Preceding Month Activities**

Permits Issued			
11	Building	\$9850	
6	Electrical*	\$335	1 paid w/ building permit
1	Plumbing	505	2 paid w/ building permit
6	Mechanical	\$335	3 paid w/ building permi

Total Permit Revenne

\$11,530

The spring flurry of activity is here and and strong. We currently have over a dozen new homes under construction with more about to start. This is somewhat taxing on other duties, but we'll get through it.

- Conducted 40 regular construction inspections
- Assisted three property owners with renovation and expansion plans
- Drafted M2 Zone Historic District design guidelines for Planning review and consideration
- Attended Monthly Strafford Regional Planning Commission Transportation Advisory Committee meeting.
- Attended Strafford Regional Planning Commission Traffic Advisory Committee Meeting
- Worked with several property owners on renovation and re-use of properties

#### BUILDING INSPECTION

Budget	MTD Transactions	YTD Transactions	Balance Year	% Spent
70,731.00	5,052.83	51,080.15	19,650.85	72%
Budget	I MTD Transactions	FISCAL YEAR 2017 YTD Transactions	Balance Year	% Spent
(a = = = 0.0		51 010 01	17 925 00	710/

## Town Clerk - Tax Collector

### TAXES

Total Committed 2017	\$19,90	)5,115 Tax 1	Tax 1 & Tax 2	
Total Collected thru 3/31/18	\$19,872,001	Principal & In	nterest	
TAX LIENS	2016 Lions	2015 Liens	2014 Liens	
	2010 LICHS	2013 Elens	AUTA LIGHTS	
	<u>(Deed 2019)</u>	<u>(Deed 2018)</u>	( <u>Deed 2017</u> )	
Property Tax Amount Liened	216,555	19 <b>6</b> ,946	209, <b>2</b> 91	
W/S Amount Liened	0	66,195	71,925	
# Properties Liened	71	93	111	
Uncollected thru 3/31/18	96,108	70,317	6,101	

#### WATER & SEWER (1/1 THRU 3/31/18)

	2018	<u>2017</u>
Water Billed	204,009	198,368
Sewer Billed	4 <b>2</b> 2,177	401,390
Uncollected thru 3/31/18	49,397	67,975

## TOWN CLERK REVENUE (7/1/17 thru 3/31/18)

	Year End <u>6/30/18</u>	Year End 6/30/17	
Motor Vehicle (MV)	1,115,238	1,096,879	1.67% increase
Town "non-MV"	99, <b>2</b> 13	92,704	7.02% increase
State NH (MV, Vitals, Boats, Dogs)	379,471	373,295	1.65% increase

- Motor vehicles still on the upswing
- Daily activity steady
- Annual Town Meeting held March 13, 2018 694 ballots were cast
- 2017 Lien Date: April 12, 2018
- 2015 Deed Date: June 14, 2018

TOWN CLERK	FISCAL YEAR 2017				
	Budget	MTD Transactions	YTD Transactions	Balance Year	% Spent
	168,528.00	13,498.37	119,532.67	48,995.33	71%
		Ī	SISCAL YEAR 2015		
	Budget	MTD Transactions	YTD Transactions	<b>Balance Year</b>	% Spent
	176 442.00	12 750.99	124.617.21	51,824.79	71%

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## Planning Department

### **Planning Board Activities**

### Status of approved applications of the Planning Board:

Rockingham Golf, LLC (a.k.a. Chinburg Builders, Inc.) is developing a residential open space design subdivision, involving 52 house lots, at the site of the Rockingham Country Club at 200 Exeter Road. The development, "Rockingham Green", envisions the existing golf course, to remain open to the public, and the adjacent wetlands to be preserved as open space. Construction activity has moved along expeditiously at the site. Road construction is nearly complete with only the overlay to be completed. A performance guarantee has been renewed in the amount of \$106,000 to assure final completion of the road and all related infrastructure improvements. The developer has received Certificates of Occupancy (COs) for forty three (43) homes in the development. Five (5) homes have building permits open and are currently under construction. The subdivision is nearly 83% built-out.

Newmarket Industrial Park Lots 6 and 7, LLC/Shearwater Investment Corporation -The owners of the Industrial Park have recently purchased parcels which front on Route 108 in order to create two new industrial sites at the Industrial Park. The applicant had previously received approval in 2015 for an expansion to the adjacent property in order to construct a 24,000 square foot addition. As part of the earlier project, the intersection of Forbes Road and Route 108 was improved with a right turn lane and larger turning radii in coordination with the NH Department of Transportation (DOT). Recently, the developer announced the tenant for the expansion on the adjacent parcel has backed out of the project. The applicant has returned to the Planning Board for consideration of a scaled down version of the project. The new project involves the construction of a 24,000 square foot stand-alone industrial building on one of new lots and a boundary adjustment in order to modify the two (2) lots so they are larger and have more frontage than required. At the November 14, 2017 meeting of the Planning Board, the application was accepted for review. At the February 13 Planning Board meeting, the application was continued until the March 20 meeting to allow the Technical Review Committee to weigh in on remaining sewer design and bank stabilization concerns. Following further review by the Technical Review Committee (TRC), the remaining issues were addressed. The project received a conditional approval at the April 8, 2018 Planning Board meeting.

The Planning Board has received a second application from the Maplewood and Vaughan Holding Co. LLC for a new 22,000 square foot industrial building on adjacent Lot 6. This application was accepted for review by the Planning Board at its April 8, 2018 and has been forwarded to the Technical Review Committee (TRC) for review.
**Hayden Place** - Residential Open Space Development at 74 Bald Hill Road is being developed by Chinburg Builders, Inc. The Planning Board approved a special use permit for this project in 2014. The project involves the construction of ten (10) single family homes and 650 feet of roadway at the foot of Bald Hill with adjacent lands being preserved in perpetuity as open space. A twenty-one (21) acre open space tract has been conveyed to the Southeast Land Trust (SELT) which will maintain and act as stewards of the conservation land. Road construction has proceeded expeditiously with only the final overlay to be completed. A performance guarantee has been posted to ensure the completion of road work and to allow the issuance of building permits for the remaining houses. Certificates of occupancy for nine (9) homes have been issued and the last building permit has been issued for a single family home which is under construction. The subdivision is over 90% built-out at this time.

Jarib M. Sanderson – Robin Realty Newmarket Trust/Tuck Realty Corporation filed an application for a Special Use Permit for a residential open space design subdivision involving 11 lots at 36 Dame Road, Tax Map U2, Lot 297, and Bay Road, Tax Map U2, Lot 320, both in the R1 Zone. The special use permit was conditionally approved by the Planning Board at its July 2016 meeting following a site walk and review by the Technical Review Committee (TRC) of the Planning Board. A more detailed subdivision application was submitted in the August and was conditionally approved at the November 15, 2016 Planning Board meeting. Construction was started in April 2017. Construction has progressed and former issues with drainage and erosion control have been addressed. The first course of paving on the road was completed during the Fall. There remains a punch list of items that will need to be completed during the upcoming construction season. The property owner has secured a \$60,000 letter of credit, as a performance guarantee to assure completion of the remaining site improvements. The applicant has transferred several of the lots in the subdivision this spring, to a new builder, who will be seeking building permits shortly.

Eric DeWitt, 81 Exeter Road, Tax Map U3, Lot 137. The Planning Board conducted a Design Review for a mixed-use project located in the B-1 Business zone. The applicant wishes to remove the existing structures on the site and construct a two story building. The first floor would be commercial space to allow for two small businesses and the second floor would house eight studio style apartments. The project was well-received by the Planning Board which discussed issues with stormwater and driveway access. The application is expected to be submitted for formal review by the Planning Board at it May 8, 2018 Planning Board meeting.

Jonathan and Caitlin Smith, 14 Woods Drive, U-1-1-50, R-2 Zone. The applicant has requested a waiver of impact fees for an accessory apartment at 14 Woods Drive, Tax Map U1 Lot 1-50, R2 Zone. There were several questions raised by Board members whether under the

new RSA pertaining to Accessory Dwelling Units (ADU's) impact fees can be waived for a single unit occupancy. The application was continued to the Planning Board meeting on May 8, 2018 to allow the Town Council to review and, hopefully, adopt new zoning language pertaining to waivers from impact fees for accessory dwelling units.

Future Land Use Plan and Zoning Changes. At its November 2016 meeting, the Planning Board prioritized action items for implementing the recommendations of the Future Land Use Chapter. The top priorities were to bring forward for consideration zoning changes for both a Continuing Care Retirement Community (CCRC) and Skilled Nursing Facility (SNF) Overlay District that had been recommended by the Economic Development Committee (EDC). The Planning Board subcommittee met several times to review reference materials related to these housing concepts and other zoning changes. The Planning Board forwarded a new Skilled Nursing Facility Overlay District on New Road to the Town Council for consideration at the end of the summer of 2017. The Town Council held a public hearing at the October 18, 2017 meeting and unanimously adopted the ordinance. At the November 14, 2017 meeting of the Planning Board, the Board set up another Zoning Subcommittee to address the remaining recommendations of the Economic Development Committee regarding the rezoning of property within the B-3 District on Route 152 to allow for a Continuing Care Retirement Community (CCRC). The committee plans to hold a workshop meeting with landowners, real estate professionals, and other stakeholders sometime during the spring. A joint meeting will be held with the Town Conncil to discuss strategies to advance this concept later this spring.

The Planning Board held a public hearing at its meeting on March 20 on proposed changes to the Town's Zoning Ordinance to allow the Planning Board to waive impact fees for accessory dwelling units that do not increase the number of bedrooms, as such projects generally do create additional demands on municipal services, the schools, and water and wastewater systems. The proposed zoning amendments were presented to the Town Council for a first reading at the April 4 meeting. A second reading and public hearing on the proposed ordinance will be held on April 18, 2018.

FEMA Floodplain Maps and Ordinances- The Federal Emergency Management Agency (FEMA) has sent the Town new Flood Insurance Rate Maps (FIRM). Whenever new maps are produced, communities, such as Newmarket, which are participating in the National Flood Insurance Program, are required to have ordinances in place which are compliant with federal regulations. The NH Office of Strategic Initiatives (OSI) has conducted a compliance review of our regulations and forwarded recommendations for updating. The Planning Board will need to make amendments to the zoning, subdivision and site review regulations to assure Newmarket's continued eligibility in the program. The Planning Board set up a subcommittee to work with the Community Development Director on these amendments for consideration at

a future meeting. There has been an appeal regarding the preliminary floodplain maps. The deadline for adopting new maps and revising the zoning ordinance has, therefore, been postponed. Copies of the preliminary floodplain maps are available for public viewing in the Planning Office and have been posted on the Town's website. Recent discussions with the NH OSI/FEMA representative indicated that it may be another year before the maps are finalized and can be adopted.

### **Special Projects**

Route 108 Pedestrian Crossings: The Downtown Pedestrian Crossing Improvement project is 100% complete. During the month of June, the Contractor completed several punch list items, including the resetting of pavers, and the repair of the paver depression in the crosswalk in front of the Big Bean. In August, a pavement marking subcontractor was hired by the Town to complete crosswalk striping and street markings. A final inspection with the NH Department of Transportation was held on Friday, October 20. The Town is now in the process of collecting final project documentation from the contractor and subcontractors so the project can be closed-out.

**Macallen Dam Feasibility Study:** Since 2005, the Town has approved funding every year for the Macallen Dam Capital Reserve Fund in order to address deficiencies at the dam. Most recently, the Town issued a Request for Proposals (RFP) for engineering services which will look at the current stability of the dam as well as the option of raising the abutments in order to meet requirements to pass the 100 year flood. Engineering proposals from three (3) firms were received on October 2015. Awarding the contract for the stability analysis was placed on hold, for several months, while follow-up work on the hydraulic calculations was completed. The Town's consultant, Gomez and Sullivan (G&S), put together a technical memorandum regarding the design flows associated with increasing the capacity of the dam, which is one of the outstanding items in the NIH Department of Environmental Services (DES) Letter of Deficiency. The Town now has a more refined model in place to evaluate various dam modifications and repairs including increasing the height of the abutment walls to meet the required design flows. With the new model, the 100 year design flow is 9,824 cfs, with a water surface elevation of 33.61 feet at the dam with the gates closed.

At a June meeting of the Macallen Dam Study Committee, with NH DES, it was clarified that if the Town just focuses on improvements to the abutment walls, a complete stability analysis would only have to be completed on that aspect of the dam and not the entire dam structure which would result in reduced costs for the Town. Also, the breach analysis would not have to be re-done resulting in further cost reductions. A final draft of the summary report, including an updated model, was submitted by G&S to the Committee during the early summer of 2017 and was approved by the NHDES.

In July 2017, the Town Administrator was authorized by the Town Council to enter into a consulting contract with GZA GeoEnvironmental to complete a stability analysis and conceptual design related to increasing the height of the abutment walls on either side of the dam. This study resulted in preliminary cost estimates for repair of the dam. A summary report has been prepared by the consultant for review and approval by the NH DES Dam Bureau.

A public presentation was held on December 6 at which GZA provided an update to the Town Council on the findings of the Macallen Dam: Stability Analysis and Conceptual Design of Remedial Alternatives. The consulting team presented three (3) options for alignment of walls on the right hand abutment, enhancements to the left hand abutment, as well as options for replacing the existing gate system with more contemporary crest gates that are hydraulically operated and pneumatically operated, ranging in price from \$1,460,000 to \$1,540,000. A title opinion from the Town's legal counsel has confirmed that the property right of the dam and north of the Durham Book Exchange Building adjacent to the fish ladder is owned by the New Hampshire Fish and Game Building. The Town Council will hold a public hearing in May 2018 to solicit input from the citizens on the "preferred alternative" so the Town can move forward with final engineering design. The Town recently received a letter from the NH DES approving the conceptual design report prepared by the Town's consultant, GZA.

The Macallen Dam Study Committee is continuing its due diligence in meeting with various stakeholders to review the various conceptual designs for addressing the Letter of Deficiency from NH DES. The study committee will meet again in mid-April to discuss next steps in the process and to share the information obtain through the process. The Community Development Director has recently prepared a grant proposal to the National Park Foundation, which if successful, would help to finance a waterfront park adjacent to the dam for viewing the river as an extension to the project and the town's riverwalk.

**MS4 Program** - Planning staff continues to monitor progress with respect to the MS4 program by attending the Seacoast Stormwater Coalition Meetings. The Coalition has organized a program to assist communities in the region with meeting the minimum NPDES permit requirements to help minimize costs and prevent the duplication of services at the local level for work tasks such as outreach, the bulk purchase of water quality monitoring equipment and shared contracting for laboratory work. Newmarket will be participating in this effort to help prepare the Town for the MS4 program. Gn January 18, 2017 the US Environmental Protection Agency (EPA) authorized the much-debated and highly anticipated General Permit for Stormwater Discharges from Small Municipal Separate Storm Sewer Systems (MS4s) for New Hampshire. The effective date of the permit is July 1, 2018, which gives Newmarket more time than expected for setting up the program and for budget planning. Meanwhile, at the Town Council meeting on May 3, 2017, the Town Council voted unanimously to join the efforts of the NH Stormwater Coalition to appeal the MS4 permit that was issued by EPA and awaits a decision from the courts on the appeal. Town staff attended MS4 stormwater training in Portland, Maine in October. Under the terms of the permit, the Town needs to submit a Notice of Intent (NOI) by October 1, 2018. The NOI provides a summary of best management practices to be employed by the Town under the five (5) year MS4 program to address public education and outreach, public involvement and participation, illicit discharge detection and elimination, construction site stormwater runoff control, post construction stormwater management, and good housekeeping and pollution prevention measures.

Stormwater Management Regulation Update - The Town received a \$8,000 grant from the Setting Sail Program, a NOAA Project of Special Merit, to update the Town's stormwater regulations that were originally developed in 2010. The new regulations will reflect state of the art thinking about stormwater and new technologies that have been developed for stormwater management. These new regulations will assist the Town in meeting requirements under the MS4 Program as well as provide the town with more resiliency against coastal hazards, riverine flooding, and sea-level rise. A workshop was held at the Planning Board meeting on February 13, 2018 and further clarifications were requested on the draft ordinance. The Planning Board is expected to send the proposal back to Stormwater subcommittee for further modifications and to solicit input from the development and engineering community.

#### Other

**Zoning Board of Adjustment** - At its meeting on April 2, 2018, the Zoning Board of Adjustment (ZBA) approved an application for a variance to allow an addition of a screen porch within the 125 foot shoreland protection overlay district as 12 Smith Garrison Road, Tax Map R2, Lot 65, R1 zone.

Community Development - Staff has been assisting the Newmarket Housing Authority related to the Community Development Block Grant (CDBG) that the Town has received involving renovations to the Great Hill Terrace.

PLANNING		FISCAL YEAR 2018						
	Budget	<b>MTD</b> Transactions	<b>YTD</b> Transactions	Balance Year	% Spent			
	126,215.00	8,622.76	92,750.55	33,464.45	73%			
	Budget	I MTD Transactions	FISCAL YEAR 2017 YTD Transactions	Balance Year	% Spent			

122,676.00 8,264.06

## Finance Department

#### Department's primary function:

- Process accounts payable, payroll, and accounts receivables not under the control of the Tax Collector.
- Monitor human resources, fiscal budget, and financial analysis and forecasting.
- Providing financial assistance and analysis to Town Departments.

Essentially, we are the "fiscal watchdog;" however, we are mindful that we are simply a service organization to other departments and the Town's elected leaders.

#### Projects:

- Fiscal Year 2019 budget approved by voters. Voting results including MS-232 is being prepared for Council approval.
- Financial Software implementation kickoff meetings have been completed with vendors Tyler and Interware. A review of roles and responsibilities related to the project has been completed. Critical dates and project milestones for success are being created.
- Audit work complete and annual report submissions provided.
- Internal employce identified as the chosen candidate for vacated Accounting position supporting payroll and accounts payable.
- Department continues to work on account reconciliations, review and tracking of expenses.

#### Economic Indicators

Final water and sewer bills are an indicator of real estate sales. The following are final water and sewer bills by month.

			FY17 vs FY18	%		FY16vs FY17	%
			Increase/	Increase/		Increase/	Increase/
Month	FY 18	FY 17	(decrease)	(decrease)	FY 16	(decrease)	(decrease)
July	25	17	8	47.06%	22	(5)	-22.73%
August	16	10	6	60.00%	11	(1)	-9.09%
September	12	8	4	50.00°%	12	(4)	-33.33%
October	9	17	(8)	-47.06%	11	6	54.55%
November	12	14	(2)	-14.29%	12	2	16.67%
December	8	6	2	33.33%	8	(2)	-25.00%
January	8	8	-	0.00%	16	(8)	-50.00%
February	6	7	(1)	-14.29%	10	(3)	-30.00%
March		6			10	(4)	-40.00%
April		9			7	2	28.57%
May		12			12	-	0.00%
June		12			17	(5)	-29.41%
Total	96	126	9	7.14%	148	(22)	-14.86%

#### MRI Report:

MRI identified two areas of improvement for the Finance Office with current updates follows:

1. "Paperless decentralized purchasing and invoice payment should continue to be a goal for the near future."

Update: Financial Software Implementation has started. Restatement of Chart of Accounts is in process. Implementation phasing schedule by module is being developed.

 "Consolidation of the Town and School finance/business operations. In the absence of a successful consolidation the outsourcing of the payroll function should be considered." Update:

Consolidation of Director's position is operational.

Budget	MTD	<b>YTD</b> Transactions	Balance Year	% Spent
	Transactions			
227,750.00	9,569.70	136,859.89	90,890.11	60%
		FISCAL YEAR 2017		
Budget	MTD	<b>YTD</b> Transactions	<b>Balance</b> Year	% Spent
	Transactions			
206,844.00	21,101.52	146,326.35	60,517.65	71%

FISCAL YEAR 2018

#### FINANCE

HR		F	ISCAL YEAR 2018		
	Budget	MTD	YTD Transactions	Balance Year	% Spent
		Transactions			
	1,628,692.00	94,602.50	1,168,181.05	460,510.95	72%
		F	ISCAL YEAR2017		
	Budget	MTD	YTD Transactions	Balance Year	% Spent
		Transactions			
	1,515,143,00	86.815.75	1,101,958.20	413,184.80	73%

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### **Recreation Department**

#### **Recreation Fiscal Business Report:**

Our current Fiscal 2017/18 in the *Revolving Account Revenue* is at a record <u>\$255,277</u> collected to date. We were ahead of last year's revolving account in revenue by <u>\$42,261</u> which was at <u>\$212,916</u>.

*Grants* - We happy to announce that we just received <u>\$5000</u> Grant from LRAC to run a Hammock to 3K Kayak Training, Education and Safety Program! This grant was written by our UNH RMP intern Shannon Barton. This was her internship project for the semester. We are very proud of her!

#### Revolving Account Expenditures.

To date we have currently expended <u>74%</u> of our \$279,115 budget, as compared to <u>70%</u> spent of last year's budget of \$243,433 at this same time. Again, it is estimated that the increase in expenditures this fiscal year as compared to last fiscal year was due to the additional monies spent at the beginning of the fiscal year July 1 due to increased payroll in summer camp as we added more campers, as well as, other field trip added options.

We are happy to announce that we are finally in the black in regards to profit margin under the Revolving Account. This is primarily due to summer camp enrollment and revenue collection we received when registration opened on March 1st. In fact we collected a total of \$120,182 in the month of March alone.

General Fund Expenses are HIGHER YTD compared to last fiscal year by <u>\$12,014</u>. The explanation for the difference is that at this time last year the Asst. Recreation Director was the acting interim Recreation Director and we were running one full time Asst Director Position short for several months. That is not the case this year as both positions are actively filled. We expect this number to fluctuate slightly again next month again until we fill the Full time Operation Manager position which has been vacant for 3 weeks. (See personnel Report)

#### Personnel Report

We are currently in the process of interviewing for the Office Manager position. We received an overwhelming amount of applications (80 applications) for this position and narrowing them down has been quite a challenge. We hope to have someone on board ASAP as this position is vital to the Rec Department's day to day operations, especially as summer camp prepping is going on. As reported last month, we are still in the middle of interviewing our seasonal summer staff. This is a timely process as we hire up to 40 seasonal staff each summer. We held our group interview on March 31 and have narrowed down the selections and offering positions at this time. There are still a few openings on specialty positions but we hope to fill those spots soon. We may need to open a few more counselor positions to accommodate the 80 kids on our summer camp waiting list. (See Summer Camp)

#### **Recreation Community Events**

We are excited to report we held two very successful and well attended community events in the month of March. On March 15 we held our *Annual Mother Son Dance*. After we decided to add Casper the Spectacular from Boston who juggles, unicycles, and does balloon animals to the Circus entertainment lineup, our registration increased in a matter of days. We had record numbers this year and were able to hold it once again at the MillSpace as planned. We have not held this event in the Mill Space for several years due to low registration numbers. The investment on the Casper paid off. This is something we have not seen with this event in a long time.

At the end of the month we held our *Annual Easter Egg Hunt*. As reported last month, this is such a popular event that we do not even have to market it. It's more of a ... "If we hide them, they will come" dynamic. Overall, we increased in numbers for our 3 & Under age category, stayed the same with our 4 & 5 age group, and increased in registration with our 6 - 12 age group. We keep an accurate tabulation of kids registered by age group to ensure that we are hiding enough eggs and prize eggs in each area. This year we hid over 4000 eggs, and were able to recycle 3,500 of those eggs. Recycling the eggs keeps our costs down each year. We had only one hiccup this year, before the Rec Director had the chance to get to the last egg hunt and give out the rules and say GO, one of the 6-12 age group kids broke the line which resulted in a 5 minutes too early false start. Before we could do anything other kids joined in and the hunt started before it was supposed to start. There was absolutely no way we could pull 120 kids out of the woods, drop their eggs, and make them start again. We had to give a few refunds for those upset parents who registered their kids at the last minute but hadn't made it to the starting line yet. We have a plan for next year – so this will hopefully not happen again.

We are very excited to announce that in April we will be co-hosting with the NBA our first Annual *Sugar & Spice and Everything Nice EXPO* at the MillSpace. Rather than both organizations doubling our efforts, we approached the NBA and suggested we combine the Rec's *Annual Monmy & Me Tea* with the NBA's Annual *Ladies Night Out* vendor event. The Rec Connect Win-Win is that the Rec will help drive the demographic traffic into the venue for the vendors by hosting our Mommy & Me Tea inside the venue while the vendor show is going on. In exchange, the vendors will all donate a raffle prize to raise money for the Rec. Marketing is under way and you should see flyers and event pages up.

#### Summer Camp Program

Our Camp Wanna Iguana summer camp program continues to be a major focus around Newmarket Rec at this time. Registration for this program opened up on March 1st and we sold out within 2 weeks. Last year we had about 280 campers attend our 7 week, 5 days/wk program. This year we were going to cut the number down and limit camp enrollment to 250 campers as we are very concerned about the parking situation (or lack of) due to the HS construction project. Not having an adequate parking lot to handle drop offs and pick offs for this many children is a major concern, one that we are trying to figure out. However, at the same time we now have over 80 kids on the waitlist, and this number is expected to grow. The parking situation is quite a dilemma –we want to be able to accommodate those parents who need their kids in camp, but at what logistic cost of trying to move cars in and out safely as we only have the Community Center parking lot and Terrace Drive as au in and out access point. We have several ideas to eliminate traffic congestion under discussion now. Stay tuned.

#### **Recreation Programming**

Spring programming is underway at Newmarket Rec! Spring is a season of town collaboration. Most recently, there was a field scheduling meeting with Karen Bloom from Buildings & Grounds, Aimee and Anna from the Rec, and leaders of the local high school & sport leagues in town. This annual meeting is a chance for everyone to come together to discuss the field conditions, maintenance, and scheduling protocol. The Rec team leads this meeting and field usage scheduling throughout the spring season. Our goal is always clear communication and teamwork with all involved. We have started out on the right foot and we are excited about a smooth and successful season for the organizations, town employees, and most importantly...the players!

Rec T-Ball will be starting up in May for the younger ages (3-5 years). This year, Newmarket Youth Association will have teams for ages 5+. NYAA discussed this with the Rec before taking on this age bracket so that we were able to discuss and negotiate. The other spring Rec sports on the horizon include flag football as well as disc golf. There is a local parent who is passionate about disc golf and spreading this sport in Newmarke<sup>t</sup>. We are currently in the middle of working on scheduling and planning for this new youth spor<sup>t</sup> program! And new this spring, drumroll please... we will be introducing adult rec pick-up soccer for ages 18+! This is our first adult outdoor sport program and will be starting this off pick-up style. Depending on interest, we will then determine whether to move into a different structure. Keep an eye out for advertisements to promote this affordable, fun, new program in the next couple weeks.

Our afterschool programs are transitioning and are currently at different stages. Some, like karate, have wrapped up for the school year. The Lego League program is currently wrapping up before April vacation and we are working on another type of engineering/building program starting up in May to challenge the Lego League members and bring them something new...more to come! Meanwhile, some of our newer programs (Kinder-Clowning & GRL PWR) arc in the middle of their sessions and up for review and planning to run again. We do know that GRL PWR will be running again after April vacation and are very excited and grateful for the NCEP to help us run this program and add in some fun extras into the program. And finally, our dance classes with Clare and Anthony are quite popular and moving into a final short session for the school year...leading to a dance recital on June 6!

Starting 4/17- please stop into Jonny Boston's to see some of the great artwork that our Rec Cartooning Club program has been working on. The students will hang up their artwork and take part in this small 'gallery' showing to the town. This is another example of the collaboration and teamwork that the Rec is focused on promoting with businesses, people, and organizations in town.

Our Rec Wellness Program (contracted through Bar Fitness) is doing very well and there are many 3 month members in the program. There were two sessions of 'Beginner Yoga' early this year... and that has driven up the interest in the program and allowed community members to try something new and live a healthy lifestyle! As we move into summer with camp scheduling and yoga/boot camp...we are actively working with Barb of Bar Fitness to make sure that she continues to have the facilities she needs to run the program as well as having adequate space for camp and other programs.

With April vacation coming up- the Rec will be providing and posting by the end of the week (4/13) someday activities during the school break. We will have at least one field trip day, but we are also looking at some *Rec staycations* for students. This means that we will have activities going on at the Rec throughout the day and offer childcare for those parents who have to work. This experimental Rec staycation plan was chosen for a few reasons: avoid a maximum number (such as seats on the Rec van limit the number for field trips), keep the costs more affordable for more people, and to try some programming activities (sports/theater/music/art) on these days to gauge interest for future programs.

Programming continues to be a collaboration between Rec staff and community members. Over the next month, we are excited to bring some of these new ideas to a wider audience in town and offer new opportunities for people of all ages!

#### Sunrise Sunset Briefing

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We had two special events at the center this month. Casino Day was held on Friday March 16 from 2-5pm. Normally on a Friday night, we decided to offer it during the day for the seniors. We set up 3 Blackjack tables, a Roulette Wheel, Horse Racing and a Pong Game. After two hours of gameplay the accumulated poker chips were turned in for raffle tickets and players took chances at the prize table. Thanks to volunteers, staff and donated prizes it was another successful Casino event. On Friday evening, March 23 we had our first Spring Fling. We provided a catered buffet meal, live music and prizes. This event was sponsored by the Beech Street Senior Group through a donation given to the Sunrise Center in June upon their closure. The donation was designated for special programs which would provide Newmarket seniors with opportunities to gather socially with the inclusion of food and entertainment. This was a free event with 40 Newmarket seniors in attendance.

The Sunrise Silver Stars acting group met this month to begin working on their new production of a radio show performance. The show will provide a variety of different skits including a quiz show, news & weather reports, vintage commercials & stories, music & comedy skits. The production will be performed in late June at the center. We have twelve seniors involved in the group, many of whom have performed with the Silver Stars in the past.

We invited a guest speaker to join us this month during the Random Acts of Art Group. Susie Beers of Newmarket did a presentation on spinning raw sheep's wool into yarn. She is an accomplished weaver and fiber artist who excels in her craft. The group of knitters found it very interesting and they were in awe of the skill involved. Many took a turn at the wheel to spin the yarn. The craft group also had a crochet class, made Spring Luncheon favors and put their creative skills to use making unique sea glasss art prints.

Although we had several days of bad weather in March we were able to take two fun day trips during the month. We were off to Manchester on a Sunday afternoon to the Palace Theater to see the musical Grease, with a stop at the Holy Grail for brunch before the show. We also traveled to Westminster, MA for lunch at the 1761 Old Mill Restaurant and backtracked to Westford, MA to the Butterfly Place where the warm, humid atmosphere gave us all hope for the arrival of spring. The Breakfast Club went to Exeter to enjoy a hearty breakfast at Steve's Diner.

The Sunrise Chorus came together again this month after taking their winter break. With several new voices in the group they look forward to learning new songs to add to their repertoire this season and are busy practicing every Tuesday afternoon.

Twenty people were treated to armchair travel this month with a video provided by Bob Self on the history and construction of the Panama Canal. This Tuesday Talk presentation was well received and it was requested that we offer more armchair travel opportunities. We're also looking into providing some Ted Talk viewing with appropriate topics for our aging population.

The Sunrisc Strummers Ukulele band meets each Friday at the center to practice and hone their playing skills. In just a few short weeks the group bas made great strides and is able to play several beginner songs. There are 8 regulars in the group and several outsiders are intrigued with our center and have come from Portsmouth and Exeter to join us on occasion.

	F	ISCAL YEAR 2018		
Budget	<b>MTD</b> Transactions	YTD Transactions	Balance Year	% Spent
203,351.00	15,218.24	149,566.26	53,784.74	74%
	F	ISCAL YEAR 2017		
Budget	<b>MTD</b> Transactions	YTD Transactions	Balance Year	% Spent
200,322.00	10,696.92	137,552.06	62,769.94	69%
	F	ISCAL YEAR 2018		
Budget	MTD Transactions	YTD Transactions	Balance Year	% Spent
279,115.00	6,921.30	207,166.53	71,948.47	74%
	Я	ISCAL YEAR 2016		
Budget	MTD Transactions	YTD Transactions	Balance Year	% Spent
243,433.00	11,068.79	170,938.61	72,494.39	70%
	Budget         203,351.00         Budget         200,322.00         Budget         279,115.00         Budget         243,433.00	Budget       MTD Transactions         203,351.00       15,218.24         Budget       MTD Transactions         200,322.00       10,696.92         200,322.00       10,696.92         E       E         Budget       MTD Transactions         209,322.00       10,696.92         E       E         Budget       MTD Transactions         279,115.00       6,921.30         Budget       MTD Transactions         243,433.00       11,068.79	Budget         MTD Transactions         FISCAL YEAR 2018 YTD Transactions           203,351.00         15,218.24         149,566.26           Budget         MTD Transactions         FISCAL YEAR 2017 YTD Transactions           200,322.00         10,696.92         137,552.06           Budget         MTD Transactions         YTD Transactions           Budget         0.0596.92         137,552.06           Budget         MTD Transactions         YTD Transactions           209,115.00         0.921.30         207,166.53           Budget         MTD Transactions         YTD Transactions           243,433.00         11,068.79         170,938.61	BudgetMTD TransactionsFSCAL YEAR 2018 YTD TransactionsBalance Year203,351.0015,218.24149,566.2653,784.74BudgetMTD TransactionsYTD TransactionsBalance Year200,322.0010,696.92137,552.0662,769.94BudgetMTD TransactionsYTD TransactionsBalance Year209,315.0069,21.30YTD Transactions19,48.47BudgetMTD TransactionsYTD TransactionsBalance Year209,115.006,921.30207,166.531,948.47213,433.0011,068.79170,938.6120,94.99

CHARTERED JANUARY 1, 1991

FOUNDED DECEMBER 15, 1727



### TOWN OF NEWMARKET, NEW HAMPSHIRE By the Newmarket Town Council

### Resolution #2017/2018 - 42 Town of Newmarket, New Hampshire

Purchase of a Ford Taurus Unmarked Cruiser for the Police Department to include Costs Associated with Replacement of Emergency Lighting, and Equipment Set-up

WHEREAS, the Police Department seeks to replace the current 2005 Ford Crown Victoria with 57000 miles with a new Ford Taurus at the State bid price of \$25,000.00; and

**WHEREAS**, the Department's request includes the replacement of a police radio, emergency lighting and equipment set-up for the vehicle; and

WHEREAS, the Police Detail Revolving Account currently has a balance of \$121,348

WHEREAS, the total cost for the vehicle and related equipment to include lettering is estimated not to exceed \$30,609.69

**NOW, THEREFORE BE IT RESOLVED** that the Newmarket Town Council does hereby approve the withdrawal of funds not to exceed \$30,609.69 from the Police Detail Revolving Account for the purpose of purchasing and equipping a new Ford Taurus for the Town and to authorize the Town Administrator to execute any associated agreements.

First Reading: April 4, 2018 Second Reading: April 18, 2018 Approval:

Approved:

Dale Pike, Chair Newmarket Town Council

A True Copy Attest:\_

Terri Littlefield, Town Clerk



Town Hall 186 Main Street Newmarket, NH 03857

Tel: (603) 659-3617 Fax: (603) 659-8508

Founded December 15, 1727 Chartered January 1, 1991

# TOWN OF NEWMARKET, NEW HAMPSHIRE

# **STAFF REPORT**

**DATE:** March 7, 2018

**TITLE:** Resolution #20172018-42 - Purchase of Police Cruiser (unmarked)

PREPARED BY: Chief Kyle True, Police Department

#### TOWN ADMINISTRATOR'S COMMENTS-RECOMMENDATION:

I recommend passage of this resolution

**BACKGROUND:** Police Department is seeking to purchase a 2018 Ford Taurus sedan police cruiser to serve as an unmarked police car primarily used by a detective. We would not be adding a vehicle to the fleet; rather we would be replacing our unmarked 2005 Ford Crown Victoria that has been serving as a detective's vehicle.

<u>Process</u>: I requested the State bid price from Grappone Ford for the purchase of the cruiser. I requested quotes from three separate vendors for outfitting the cruiser with emergency lights and siren to include labor costs. I requested the State Bid price from Motorola for the purchase of a new APX6500 VHF radio.

<u>Results</u>: Grappone Ford provided Municipal Pricing to me in the amount of \$25,000. This is a State bid price given to all municipalities seeking this purchase. Motorola provided the Municipal Pricing to me in the amount of \$3,212.69 for the radio. I received quotes to outfit this vehicle with emergency equipment necessary for its operation from Ossipee Mountain Electronics (\$3,043), Adamson Industries ((\$3,647.05) and 2-Way Communication services (\$2,397) There is no cost to letter this vehicle as it will be an unmarked vehicle.

**DISCUSSION:** We are seeking to replace a 2005 Ford Crown Victoria that has approximately 57000 miles on it. This vehicle is 13 years old and we are starting to see the body of the vehicle begin to rot. Last year, this vehicle was put out of service after an officer detected a strong odor of gasoline while driving. We later learned the gas tank and fuel rail had rusted through. Historically, we have kept cars between 4 and 10 years depending on their assignment as well as the wear and tear on the vehicle. Unmarked cars are usually kept for 10 years. Unmarked cars such as this 2005 tend to receive less wear and tear and have lower miles compared to a black and white line car. This 2005 Crown Victoria is the last of the Crown Victoria era. Beyond warranty items being fixed, we have spent \$3,880 in cruiser maintenance on this vehicle. I have consulted with Auto Excellence and they are in agreement that this vehicle is in need of replacement due to body rot and rust.

**FISCAL IMPACT:** The police departments revolving detail account has a balance of \$121,348 available in it. The cost of replacing this vehicle and outfitting the vehicle with a necessary police radio and other emergency equipment for police purposes is \$30,609.69.

**RECOMMENDATION:** I recommend the Town award the contract to Grappone Ford for the amount of their State Bid price for \$25,000. I recommend the Town award the contract to Motorola for the amount of the State Bid price for \$3,212.69 and 2-Way Communications Services for \$2,397., with a total price not to exceed \$30,609.69.

**DOCUMENTS ATTACHED:** I have attached all quotes and state bid costs.

1



Kyle True Newmarket Police Department 70 Exeter St Newmarket, NH 03857 Office: 603-659-6636 Email: ktrue@newmarketnh.gov

Re: Vehicle Proposal

Hi Chlef True,

February 6th, 2018

Quote for 2018 Ford Explorer Utility Interceptor and 2018 Ford Taurus AWD Interceptor. I used the specs from the Explorer you purchased last year and for the Taurus I did not include a spot light or Two Tone Paint. I have attached a vehicle profile for each model, let me know if you need to add or subtract options for the Taurus. State Bid Pricing. Thank you for your continued business.

2

State Bid Base Price for Explorer Utility:\$27,163Selected Options:+1,920NH Inspection Sticker:+39

State Bid Base Price for Taurus AWD: \$23,601 Selected Options: + 1,360 NH Inspection Sticker: + 39

Total Price:

Total Price:

\$25,000

\$29,122

Sincerely,

**Jeff Harsin** Fleet Mgr 603-226-8010 jharsin@gl'appOne.com

Prepared for: Kyle True, Newmarket Police Department By: Jeff Harsin Date: 02/06/2018

7

2018 Sedan Police Interceptor, Sedan AWD Base(P2M) Price Level: 815

# Selected Options

Code	Description	MSRP
Base Vehicle		
DOM	Rasa Vehicle Price (P2M)	\$29 305 00
FZM		ψ201000100
Packages		
500A	Preferred Equipment Package 500A	N/C
	Includes: - Engine: 3. 7L. TI-VCT V6 (FFV) - Transmission: 6-Speed Automatic Exclusively police calibrated for maximum acceleration and faster closing speed - Tires: P245/55R18 AS BSW Includes full size spare lire with TPMS - Wheels: 16" x 8" Steel w/Hub Cover	d.
,	5-spoke painled black. Includes hub cover and futt-size spare wheel. - Radio: AM/FM/CD/MP3 Capable Includes clock, 4 speakers and 4.2" color center stack smart display.	
Powertrain		
r owertrain	*	
99K	Engine: 3.7L TI-VCT V6 (FFV)	Included
81 181	Flex fuel is not available in states with California emissions stand DE, MA, MD, ME, NJ, NY, OR, PA, RI, VT and WA.	lards: CA, CT,
44J	Transmission: 6-Speed Automatic	Included
	Exclusively police calibrated for maximum acceteration and faster closing speed	
Wheels & Tires		×.
STDTR	Tires; P245/55R18 AS BSW	Included
	Includes full size spare lire with TPMS.	
STDWL	Wheels: 18" x 8" Steel w/Hub Cover	Included
	5-spoke painted black. Includes hub cover and full-size spare wheel.	
65L	18" 5-Spoke Full Face Wheel Covers	\$60.00
	Includes metal clips.	
Seats & Seat Trim		
С	Heavy-Duty Cloth Front Bucket Seats/Cloth Rear	Included
	Includes 6-way power driver with manual rectine and tumbar, passenger 2-way . and built-in sleet intrusion plates in both from sealbacks.	manual with rectine
Other Options		
PAINT	Monotone Paint Application	STD
STDRD	Radio: AM/FM/CD/MP3 Capable	Included
	Includes_clock, 4 speakers and 4.2" color center stack smart display.	
12P	Police Intérior Upgrade Package	\$380.00

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.

Prepared by: George Harsin Date: 02/06/2018



2018 Sedan Police Interceptor, Sedan AWD Base(P2M) Price Level: 815

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# Selected Options (cont'd)

Code	Description	MSRP
	Includes rear grab handles with coal hook. Includes:	* u .
	<ul> <li>Heavy Duty Cloth Front Bucket Seats/Loon Rear Includes 6-way power driver with manual rectine and lumbar, p and built-in steet intrusion plates in both front seatbacks.</li> <li>Front &amp; Rear Floor Mats</li> <li>Ist &amp; 2nd Row Carpel Floor Covering Includes front and rear floor mats.</li> <li>Full Floor Console w/Unique Police Finish Panels</li> </ul>	assenger 2-way manual with recline
13P	F.ront Headlamp/Police Sedan Housing Only	\$120.00
	Includes pre-drilled holefor sicle marker police use, does not inc need to drill housing assemblies) and pre-molded side warning t seated capability (does not include LED instatled lights).	ude LED instatted lights (etiminates LED holes with standard twist look
13C	Dark Car Feature	\$20,00
	Courtesy lamps disabled when any door is opened (Irunk not inc	cludød).
53M	SYNC Basic Voice-Activated Communications System	\$295.00
	Includes 911 Assist, VHR, SYNC Services, AppLink, Bluelooth, and auxiliary Input jack.	steering wheel controls, USB port
18G	Rear Door Handles & Locks Inoperable	\$35.00
171	1st & 2nd Row Carpet Floor Covering	Included
*	Includes front and rear floor mats.	
549	Heated Sideview Mirrors	\$60.00
76R	Reverse Sensing	\$295.00
20P	Noise Suppression Bonds	\$95.00
Interior Colors		
CW_01	Charcoal Black	N/C
Primary Colors		
G1_01	Shadow Black	. N∕C
SUBTOTAL	(6)	\$30,665.00
Destination Charge		\$875.00
TOTAL		\$31,540.00

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.





"Your mission is our purpose." Phone :

> Fax: 603-431-4832

E-mail us :

FleetDivision@2-way.biz

1-800-441-6288

Visit our Web Site:

www.2-way.biz



Name / Address:

70 Exeter Street Newmarket, NH 03857

Newmarket Police Department







P.O. No.: K. True

Rep: 753

Qty	Item	Description	Total
		2018 Ford Interceptor Sedan: Provide & Install Low Profile Lighting For Chief's Car	
	A loop setunite set	Front Lighting	
2	IONB	ION™ Series Super-LED Universal Light, w/Universal Mount, Scan-Lock™ Flash Patterns and a 4-wire Pig Tail (BLUE) Black Housing	250.00
2	VTX609B	Vertex <sup>™</sup> Super-LED® HAW Lamp. Self Contained. Blue (Single Unit)	180.00
1 and 1	SFIONB	SpitFire™ ION™ Super-LED® Series Lighthead (Blue)	130.00
	in an	Rear Lighting	
7	VTX609B	Vertex™ Super-LED® HAW Lamp, Self Contained, Blue (Single Unit)	180.00
2	SFIONB	SpitFire™ ION™ Super-LED® Series Lighthead (Blue)	260.00
	-	Antonna Suctor	
	DOOL ET NITT N	Ancenna System	50.00
1	RUOF-FT-NITT-M	NMO Mount 17 Antonna Cable	1800
1	2880376E84	Mini UHF Antenna Connector (ea.)	4.00
I THE REAL PROPERTY OF	The latest strength of	Sector Contractor Contra	
		Window Tint	
1	Window Tint	Tint Rear 3 Windows 35%	200.00
	Constant States	Installation & Materials	
1	SA315P	123dB Siren Speaker, Nylon Composite	225.00
1	SAK39	2013- Interceptor SED Siren Speaker Mounting Bracket	40.00
1	HP4	Hardware Package, Wire, Loom, ZipTies, Fuses, Fuse Holders, Fasteners, etc.	60.00

2-Way Fleet Division is your full-time, factory trained Vehicle Upfitter.

# Providing quality Service since 1954.

Thank you for taking the time to review my proposal. Sign and return to accept. Valid for 30 days.

Subtotal

Total

Sales Tax (0.0%)





"Your mission is our purpose."

Name / Address:

70 Exeter Street Newmarket, NH 03857

Newmarket Police Department

Phone : 1-800-441-6288 Fax: 603-431-4832 FleetDivision@2-way.biz E-mail us :

Visit our Web Site :

www.2-way.biz







P.O. No.: K. True

Rep: 753

Qty /	Item	Description	Total
1 6	Remote Mount Fleet Adv	Standard Remote Mount Mobile Radio Installation Fleet Division Advanced Labor.	320.00 480.00

2-Way Fleet Division is your full-time, factory trained Vehicle Upfitter.

## Providing quality Service since 1954.

Thank you for taking the time to review my proposal. Sign and return to accept. Valid for 30 days.

Subtotal

Total

Sales Tax (0.0%/o)





"Your mission is our purpose."

Name / Address:

Newmarket Police Department 70 Exeter Street Newmarket, NH 03857

Phone:	1-800-441-6288	
Fax:	603-431-4832	
E-mailus:	FleetDivision@2-way.biz	

Visit our Web Site:

www.2-way.biz







P.O. No.: K. True

e.: Rep: e 753

FLEET TERMS       TERMS AND CONDITIONS:       0.         By signing this proposal you agree to the following terms and conditions:       1. You will be invoiced for the equipment on this proposal as soon as the equipment order is received in full at our Fleet Facility       0.         2. Some special order items may require full or partial payment at time of order. Please note that special order items may take 4-6 weeks for delivery from the manufacturer. This includes (but is not       0.	ocu
limited to); Lightbars (interior & exterior), Command/Storage Cabinets, Non-Inventory Lightheads, Partitions, and Vinyl Graphics 3. Labor and additional equipment will be invoiced upon completion of work 4. Payment for all invoices is due within customer's established terms from date of invoice 5. Returned goods may be subject to a restocking fee of up to 25% 6. There are NO RETURNS on special-order items 7. Additional products or services provided outside of the scope of this proposal shall be subject to additional charges 8. Customer shall have any vehicles, and equipment requiring service accessible for their scheduled appointment time. Delays due to unavailability may incur additional labor charges 9. Delays caused by other vendors, including vehicle manufacturers and delivery delays may effect scheduling 10. Services will be performed during 2-Way's normal business hours (Mon-Fri 8:00-4:30) unless otherwise noted	0.00

 2-Way Fleet Division is your full-time, factory trained Vehicle Upfitter.
 Subtotal
 \$2,397.00

 Providing quality Service since 1954.
 Sales Tax (0.0%/o)
 \$0.00

 Thank you for taking the time to review my proposal. Sign and return to accept. Valid for 30 days.
 Total
 \$2,397.00

### Adamson Industries Corp. 45 Research Dr. HAVERHILL, MA 01832

Customer ID

Tel: 978-374-3300/1-800-232-0162 Fax 978-975-7168

> Quoted to: NEWMARKET POLICE DEPT 70 EXETER STREET ATTN: ROBERT JORDAN NEWMARKET, NH 03857

> > Good Thru

#### ADAM / JONATHAN NEWM NH PD 4/1/18 Net 30 Days **Unit Price** Extension Quantity Item Description 2018 FORD INTERCEPTOR SEDAN 1,00 60.00 60.00 TINT STRIP ON REAR WINDOW 259.95 259.95 2013-15 UTILITY/ 2013+ SEDAN 1.00 FL 40F | F PLUG IN HOLT FLASHER SYSTEM 100.95 201,90 VERTEX HIDE-A-WAY LED WHITE - IN 2.00 GLL VTX609W **HEADLIGHTS** 134,95 269.90 2.00 GLL IONBB ION UNIVERSAL LED LIGHT BLK HSG/BLUE - MOUNTED IN GRILLE (TINTED?) 245.95 245.95 SA315P 100W SPEAKER - MOUNTED SR SA315P 1.00 BEHIND GRILLE SA315P MOUNT BRACKET ONLY -29.95 29,95 MT SAK39 1.00 TAURUS 2010+, INTERCEPTOR SEDAN 2013 +SPITFIRE ION DASH LIGHT BLUE -129,95 129.95 DAL SFIONB 1,00 MOUNTED IN MIDDLE OF FRONT WINDSHIELD IN FRONT OF REARVIEW MI RROR WHELEN HAND HELD SIREN -453.95 SR HHS2200 453,95 1.00 CONTROLLER VELCROED IN FRONT OF CONSOLE, AMP MOUNTED ON BOARD IN TRUNK INSTALL CUSTOMER SUPPLIED RADIO 195.00 TR RADIO 195.00 1.00 - MOUNTED IN FACTORY CONSOLE CO NMOKNOCONN 17 ' COAX CABLE 19.95 19.95 1.00 CO MPLCRIMP MINI UHF CRIMP PLUG 4.95 4.95 1.00 79.95 CO LP156NMO LO PRO 155MHz ANTENNA 79.95 1.00 SPITFIRE ION DASH LIGHT BLUE -129.95 259.90 2.00 DAL SFIONB Continued Subtotal ALL QUOT ATIONS ARE VALID FOR 60 DAYS. Sales Tax Continued PRODUCTS ARE SUBJECT TO AV AILABILITY. Freight

**Payment Terms** 

WOMAN OWNED SMALL BUSINESS

# Quotation

Quote Number: 21644

Quote Date: Mar 2, 2018

Sales Rep

Page: 1

Continued

Total

## Adamson Industries Corp. 45 Research Dr. HAVERHILL, MA 01832

**Tel:** 978-374-3300/1-800-232-0162 **Fax:** 978-975-7168

Quoted to:

NEWMARKET POLICE DEPT 70 EXETER STREET ATTN: ROBERT JORDAN NEWMARKET, NH 03857

#### Good Thru **Payment Terms** Sales Rep **Customer ID** 4/1/18 Net 30 Days ADAM/JONATHAN NEWM NH PD Description Unit Price Extension Quantity Item MOUNTED IN REAR WINDOW IN HEADLINER 49.95 49,95 1.00 SW 131-0010 100A MANUAL RESET CIRCUIT BREAKER 13.95 13.95 1.00 SW 05.0700.030 30A, 12V RELAY SPST 44.95 44.95 SW 05.0700.075 75A, 12V, RELAY SPST 1.00 15.95 31.90 2.00 SW 46060 6 POSITION FUSE BLK W/GRD 1,295.00 1,295.00 1.00 TR EQUIP-SEDAN INSTALL EQUIPMENT 3, 647.05 Subtotal ALL QUOTATIONS ARE VALID FOR 60 DAYS. Sales Tax PRODUCTS ARE SUBJECT TO AV AILABILITY. Freight WOMAN OWNED SMALL BUSINESS 3,647.05 Total

Quotation

Quote Number: 21644

Quote Date: Mar 2, 2018

Page: 2



Bill To

Newmarket Police Dept

Newmarket, NH 03857

70 Exeter St

Quote	0
Date	
Page	9

QTE010545 2/15/2018 1 of 1

Ship To Newmarket Police Dept 70 Exeter St Newmarket, NH 03857

Customer No. Salesperson Shipping Method **Payment Terms** NEX560 Brian Vastine INSTALL Net 30 Quantity Unit Price Ext Price item Item Number Description 320.00 320.00 Programming - (1) APX6500 w/03 Lights & Siren PROGRAMMING 1.00 1 A VW11B LED, Avenger II Solo, Single BLUE, Hard Wire 153.00 153.00 2 1.00 372.00 LED, VERTEX Lighthead, Mtg. 1" Hole, BLUE 93.00 3 4.00 VTX609B ETHESS-SP Flasher, Hd Lt, Select-A-Pattern, Pos. Switched 46,90 46.90 4 1.00 5 ION Super LED, BLUE/BLUE Black Housing 112,50 450.00 IONBB 4.00 58.00 6 2.00 IONK1B Mounting Bracket, Swivel, ION - BLACK 29.00 SA315P Speaker, Siren, Whelen Nylon Composite, 123 dB 246.00 246.00 7 1.00 Bracket, SA315P Spkr, 13-17 Ford Pl Sedan 41.00 41.00 8 1.00 SAK58 Antenna STICO Flexi-Whip, 136mhz-1 Ghz, Mast Only 45.00 45.00 g 1.00 ROOF-FT-NITI-M 3/4" Antenna Mount, RG58 Cable, No Conn 15.30 15.30 10 1.00 MB8 Mini UHF Crimp Conn, RG58, MALE 1.80 1.80 11 1.00 CMUHF58 45.00 12 1.00 R1 Solenoid ,12V, 85 Amp Continuous, S.P.S.T (67010) 45.00 34.95 MMSU-1 Clip, Magnetic Mic Hangup System, Single 34.95 13 1.00 14.70 1.00 C-MCB Mic Clip Bracket 14.70 14 100.00 15 1.00 MISC-Wire, wire ties, fuses, fuse holders, loom, etc. 100.00 16 1.00 LABOR LABOR 1,100.00 1,100.00 Install new equipment into a new Low Profile 2018 Ford P Sedan. 3,043.65 Subtotal Quoted By: \_ Accepted By: Date: Additional Discount 0.00 PRICE QUOTE GOOD FOR 30 DAYS 0.00 Freight DELIVERY: 30 DAYS ARO 3,043.65 Total TERMS: NET 30 DAYS INSTALL AT OME

Ossipee Mountain Electronics, Inc. PO Box 950 832 Whittier Highway Moultonboro, NH 03254 TEL: (603) 476-5581 Toll Free: (800) 639-5081 Fax: (603) 476-5587 www.omesbs.com

ORDERING		Installation 1 APX Radic		Siren Cable	Install Kit	WHELEN/MOTOROLA S	ADD: RF PREAMP	ADD: 3 YEAR SFS	ADD: 5w Speaker	ADD: Remote Mount M	ADD: URC Cable	ADD: URC	APX Control Head Softw	ADD:CH SIREN & LIGHTS	ADD: APX O3 HANDHEL	ADD: Conventional Ope	ADD: ASTRO Digital	APX6500 VHF MID P OW		APX Mobil	(603) 659-6636	Newmarket, NH 03	70 Exeter Street	Chief Kyle True	Newr narket Polic	3	
						IREN				lid-Power			vare	S KEYPAD	D CONTROL HEAD	ration		/ER	DESCRIPTION	e Promo - Rock County Only		857			e Department		
PLEASE CONTACT		INSTALL		TT05900AA	TT05707AA	TT2592	W12	G24	B18	667	GA00260	GA00259	G444	GA()0806	G72	G48	G806	M25KSS9PW1	MODEL								
		185	T	571	571	571	656	185	656	656	656	656	656	656	656	527	656	527	APC								
		12		4	1	1	1	1	1	1	1	4	4	L	ц	ц	ч	1	QTY.								
		\$ 270.00		\$ 65.00	\$ 20.00	\$ 618.00	\$ 66.00	\$ 131.00	\$ 60.00	\$297.00	\$15.00	\$250.00	ŝ	\$ 50.00	\$ 946.00	\$ 500.00	\$ 515.00	\$ 2,438.00	LIST								
		100%		27%	27%	27%	50%	0%	50%	50%	50%	50%	50%	50%	50%	50%	50%	50%	DCST								
	TOTAL	.IS .		\$ 47.45	Ś 14.60	\$ 451.14	\$ 33.00	\$ 131.00	\$ 30.00	\$ <b>1</b> 48.50	\$ 7.50	\$ 125.00	\$	\$ 25.00	\$ 473.00	\$ 250.00	\$ 257.50	\$ 1,219.00	D. EXT.								
	\$ 3,212.69	s		\$ 47.45	\$ 14.60	\$ 451.14	\$ 33.00	\$ 131.00	\$ 30.00	\$ 148.50	\$ 7.50	\$ 125.00	\$	\$ 25.00	\$ 473.00	\$ 250.00	\$ 257.50	\$ 1,219.00	D.TOTAL							(,,	

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**CHARTERED JANUARY 1, 1991** 

FOUNDED DECEMBER 15, 1727



TOWN OF NEWMARKET, NEW HAMPSHIRE By the Newmarket Town Council

**Resolution # 2017/2018-43** 

Purchase of a Ford Interceptor SUV for the Police Department to include Costs Associated with Replacement and/or Transferal of Emergency Lighting, and Equipment Set-up

WHEREAS, the Police Department seeks to replace the current 2014 Ford Interceptor SUV with 100,000 miles with a new Ford Interceptor SUV at the State Bid price of \$29,122.00; and

WHEREAS, the Department's request includes the costs associated with the transferal and/or replacement of police radios, emergency lighting and equipment necessary for police services as well as costs associated with lettering the vehicle; and

WHEREAS, the Police Department Capital Reserve Account for police cruisers currently has a balance of \$222,819

WHEREAS, the total cost for the vehicle and related equipment to include lettering is estimated not to exceed \$32,049

**NOW, THEREFORE BE IT RESOLVED** that the Newmarket Town Council does hereby approve the withdrawal of funds not to exceed \$32,049 from the Police Department Capital Reserve Account for the purpose of purchasing and equipping a new Ford Interceptor SUV for the Town and to authorize the Town Administrator to execute any associated agreements.

First Reading: April 4, 2018 Second Reading: April 18,2018 Approval:

Approved:

Dale Pike, Chair Newmarket Town Council

A True Copy Attest:\_\_\_\_\_

Terri Littlefield, Town Clerk



Town Hall 186 Main Street Newmarket, NH 03857

Tel: (603) 659-3617 Fax: (603) 659-8508

Founded December 15, 1727 Chartered January 1, 1991

# TOWN OF NEWMARKET, NEW HAMPSHIRE

# **STAFF REPORT**

**DATE:** March 7, 2018

**TITLE:** Resolution #2017/2018-43 - Purchase of Police Cruiser (Line Car)

PREPARED BY: Chief Kyle True, Police Department

### TOWN ADMINISTRATOR'S COMMENTS- RECOMMENDATION:

I recommend passage of this resolution

**BACKGROUND:** Police Department is seeking to purchase a 2018 Ford SUV police cruiser to serve as black and white line car. We would not be adding a vehicle to the fleet; rather we would be replacing an existing black and white police car that has served its purpose.

<u>Process</u>: I requested the State Bid from Grappone Ford for the purchase of the cruiser. I requested quotes from three separate vendors for outfitting the cruiser with lights, sirens, equipment, cages, storage, laptop, radar, labor as well as other necessary items. The majority of the equipment will be re-used and transferred over from the outgoing 2014 SUV into the new 2018 SUV which creates a substantial cost savings.

<u>Results</u>: Grappone Ford provided Municipal Pricing to me in the amount of \$29, 122. This is a State Bid price given to all municipalities seeking this purchase. I received quotes to transfer existing equipment to this cruiser from Ossipee Mountain Electronics (\$3,097.85), Adamson Industries (\$4,693) and 2-Way Communication Services (\$2,427.00). The cost of lettering the vehicle is \$500.00

**DISCUSSION:** We are seeking to replace a 2014 Ford SUV that has approximately 100,000 miles on it. This 2014 cruiser is 4 years old and is in line with our current rotation process. Historically, we have kept cars between 4 and 10 years depending on their assignment as well as the wear and tear on the vehicle. Unmarked cars are usually kept for 10 years. Marked cars, such as this 2014 tend to receive more wear and tear responding to calls for service. This 2014 Ford SUV is beyond warranty. To this date, we have spent \$4,999 in cruiser maintenance on this vehicle. I have consulted with Auto Excellence and they are in agreement that this vehicle is in need of replacement.

**FISCAL IMPACT:** The Police Vehicle Capital Reserve Account currently has \$222,819 available in it. The cost of replacing this vehicle and outfitting a new vehicle with necessary equipment and lettering for police purposes is \$32,049.

**RECOMMENDATION:** I recommend the Town award the contract to Grappone Ford for the amount of their State Bid price for \$29, 122 and 2-Way Communication Services for \$2,427.00 and the cost of lettering the cruiser not to exceed \$500.00 with a total price not to exceed \$32,049.

**DOCUMENTS ATTACHED:** I have attached all quotes and State Bid costs.



Kyle True Newmarket Police Department 70 Exeter St Newmarket, NH 03857 Office: 603-659-6636 Email: ktrue@newmarketnh.gov

#### Re: Vehicle Proposal

Hi Chief True,

February 6th, 2018

Quote for 2018 Ford Explorer Utility Interceptor and 2018 Ford Taurus AWD Interceptor. I used the specs from the Explorer you purchased last year and for the Taurus I did not include a spot light or Two Tone Paint. I have attached a vehicle profile for each model, let me know if you need to add or subtract options for the Taurus. State Bid Pricing. Thank you for your continued business.

\$29,122

i

State Bid Base Price for Explorer Utility:\$27,163Selected Options:+1,920NH Inspection Sticker:+39

Total Price:

State Bid Base Price for Taurus AWD:\$23,601Selected Options:+ 1,360NH Inspection Sticker:+ 39

Total Price: \$25,000

Sincerely,

Jeff Harsin Fleet Mgr 603-226-8010 jharsin@grappone.com



2018 Sedan Police Interceptor, Sedan AWD Base(P2M) Price Level: 815

# Selected Options

Code	Description	MSRP
Base Vehicle		
P2M	Base Vehicle Price (P2M)	\$29,305.00
Packages		
500A	Preferred Equipment Package 500A	N/C
	Includes: - Engine: 3.7L TJ-VCT V6 (FFV) - Transmission: 6-Speed Automatic Exclusively police calibrated for maximum acceleration and faster closing 3 - Tires: P245/55R18 AS BSW Includes full size spare tire with TPMS. - Wheels: 18" x 8" Steel wi/Hub Cover i 5-spoke painted black, Includes hub cover and full-size spare wheel. - Radio: AM/FM/CD/MP3 Capable Includes clock, 4 speakers and 4.2" color center stack smart display.	speed.
Powertrain		
99K	Engine: 3.7L Ti-VCT V6 (FFV)	Included
	Flex fuel is not available in state's with California emissions st DE, MA, MD, ME, NJ, NY, OR, PA, RI, VT and WA.	andards: CA, CT,
44J	Transmission: 6-Speed Automatic	Included
	Exclusively police calibrated for maximum acceleration and faster closing s	Deed.
Wheels & Tires	a 5 12	8
STDTR	Tires: P245/55R18 AS BSW	Included
	Includes full size spare lire with TPMS.	
STDWL	Wheels: 18" x 8" Steel w/Hub Cover	Included
	5-spoke painted black. Includes hub cover and full-size spare wheel.	
65L	18" 5-Spoke Full Face Wheel Covers	\$60.00
	Includes metal clips.	
Seats & Seat Trim		
С	Heavy-Duty Cloth Front Bucket Seats/Cloth Rear	Included
	Includes 6-way power driver wilh manual recline and lumbar, passenger 2- and buill-in steel intrusion plates in both front seatbacks.	way manUal with recline
Other Options		
PAINT	Monotone Paint Application	STD
STD RD	Radio: AM/FM/CD/MP3 Capable	Included
	Includes clock, 4 speakers and 4.2" color center stack smart display.	
12P	Police Interior Upgrade Package	\$380.00

Prices and content availability as shown are subject to change and should be treated as estimates only. Adual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.

Gird 53 Of

Grappone Ford 530 Route 3A, Bow, New Hampshire, 033043104 Office: 603-224-2501 Fax: 603-226-8266 2018 Sedan Police Interceptor, Sedan AWD Base(P2M) Price Level: 815

# Selected Options (cont'd)

Code	Description	MSRP
	Includes rear grab handles with coat hook. Includes: - Heavy-Duty Cloth Front Bucket Seats/Cloth Rear Includes 6-way power driver with manual recline and lumbar, passeng and built-in steel intrusion plates in both front seatbacks. - Front & Rear Floor Mats - Front & Rear Floor Covering Includes front and rear floor mats. - Full Floor Console w/Unique Police Finish Panels	gèr 2-way manual with rectine
13P	Front Headlamp/Police Sedan Housing Only	\$120.00
	Includes pre-drifted hole for side marker police use, does not include L need to drift housing assemblies) and pre-included side warning LED ho sealed capability (does not include LED installed lights).	ples with standard lwist took
13C	Dark Car Feature	\$20.00
	Courtesy lamps disabled when any door is opened (trunk not included)	).
53M	SYNC Basic Voice-Activated Communications System	\$295.00
	Includes 911 Assist, VHR, SYNC Services, AppLink, Blueloolh, steerin and auxiliary input jack.	ng wheel controls, USB port
18G	Rear Door Handles & Locks Inoperable	\$35.00
171	1st & 2nd Row Carpet Floor Covering	Included
K	Includes front and rear floor mats.	
549	Heated Sideview Mirrors	\$60.00
76R	Reverse Sensing	\$295.00
20P	Noise Suppression Bonds	\$95.00
nterior Colors		
CW_01	Charcoal Black	N/C
Primary Colors	2 i	
G1_01	Shadow Black	N/C
SUBTOTAL		\$30,665.00
Destination Charge		\$875.00
TOTAL		\$31,540.00





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Fax : 603-431-4832

E-mail us :

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FleetDivision@2-way.biz



Name / Address:

70 Exeter Street Newmarket, NH 03857



Newmarket Police Department





P.O. No.:	Rep:
K. True	753

Qty	Item	Description	Total
		2018 Ford Interceptor Utility: Transfer Public Safety Equipment From Retired SUV	and a strength of the
		Removal	
1 1 1 7 1	Removal	Standard Removal of All Emergency Equipment	340.00
CALL CONTRACTOR	In Concession and the	Front Lights	MARKED MARKED AND THE
2	IONB	ION™ Series Super-LED Universal Light, w/Universal Mount, Scan-Lock™ Flash Patterns and a 4-wil'e Pig Tail (BLUE) Black Housing	250.00
		Sixon Stankow	No. of the local diversion of the local diver
International Contraction	SA31SP	123dB Siren Sneäker Nylon Composite.	225.00
1	SAK1	SA315P Universal Mounting Bracket.	40.00
KUPPER PROPERTY IN THE	Cold Cold Cold Cold Cold Cold Cold Cold	Exterior Accessories	in the second
1	PB400-VS (Interceptor)	PB-400 High Strength Aluminum Push Bumper (SUV) Vehicle: Ford Utility 2016+ Year: 2018	350.00
house the second	Contractor Contractor Agricultur	Installation & Materials	COLOR MENTAL PROPERTY
1	3080384M48	NMO Mount 17' Antenna Cable	18.00
1.000	2880376E84	Mini UHF Antenna Connector (ea.)	4,00
ī	Fleet Adv	Fleet Division Advanced Labor.	1,200.00
	Group and the second		Research and the second

2-Way Fleet Division is your full-time, factory trained Vehicle Upfitter.

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Subtotal

Total

Sales Tax (0.0%/o)

Thank you for taking the time to review my proposal. Sign and return to accept. Valid for 30 days.
2-Way Communications Service, Inc. 23 River Road Newington, NH 03801





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> 603-431-4832 Fax :

E-mail us:

FleetDivision@2-way.biz

Visit Our Web Site :

www.2-way.biz









P.O. No.:	Rep:
K. True	753

Qty

Providing quality Service since 1954.

Sales Tax (0.0%/0) \$0.00 Total \$2,427.00

Thank you for taking the time to review my proposal. Sign and return to accept. Valid for 30 days.

Signature

Name / Address:

70 Exeter Street Newmarket, NH 03857

Newmarket Police Department

#### Adamson Industries Corp. 45 Research Dr. HAVERHILL, MA 01832

**Tel:** 978-374-3300/1-800-232-0162 **Fax:** 978-975-7168

#### Quoted to:

NEWMARKET POLICE DEPT 70 EXETER STREET ATTN: ROBERT JORDAN NEWMARKET, NH 03857

WOMAN OWNED SMALL BUSINESS

#### Good Thru Sales Rep **Payment Terms** Customer ID ADAM/JONATHAN Net 30 Days 4/1/18 NEWM NH PD' Unit Price Extension Description Quantity Item 2018 FORD INTERCEPTOR UTILITY 54.95 54.95 1.00 FL ETHFSS-SP-ISO ETHESS-SP-ISO ISOLATION HDLT FLASHER 403.80 100.95 VERTEX HIDE-A-WAY LED BLUE - 2 4.00 GLL VTX609B IN HEADLIGHTS, 2 IN REVERSE LIGHTS 379.00 379.00 EP PB400FIU16 1.00 2016+ EXPLR/2016+ UTILITY INTR BUMPER 248.95 100N SERIES 100W SPEAKER W/BAIL 248.95 SR ETSS100N 1.00 BRKT - MOUNTED ON PUSHBUMPER 112.95 225.90 NFORCE FIT 6 LED DUAL COLOR GLL ENFFTSDGS6BW 2.00 GRILL/DECK MNT - BLUE/WHITE, BLACK HOUSING - MOUNTED ON PUSHBUMPER TRANSFER LIGHTBAR TR LIGHTBAR 1.00 225.00 TRANSFER MIRROR BEAMS/ 225.00 TR MIRROR BEAMS 1.00 INTERSECTORS TRANSFER GRILL/DECK LIGHTS (2 175.00 525.00 TR GRILL LIGHTS 3.00 SIDE CARGO, 2 REAR GLASS, 2 RECESSED IN REAR HATCH) TRANSFER CARGO LIGHTS 1.00 TR CONSOLE TRANSFER CONSOLE 1.00 TRANSFER SIREN TR SIREN 1.00 POS: 1) FRONT ONLY 2) REAR ONLY 3) ALL 195.00 195.00 TR RADIO TRANSFER RADIO & ANTENNA 1.00 29.95 29.95 CO NM025NOCONN 25' COAX CABLE 1.00 4.95 4.95 MINI UHF CRIMP PLUG 1.00 CO MPLCRIMP Continued Subtotal ALL QUOT AT IONS ARE VALID FOR 60 DAYS. Sales Tax Continued PRODUCTS ARE SUBJECT TO AV AILABILITY. Freight

## Quotation

Quote Number: 21645

Quote Date: Mar 2, 2018

Page:

Continued

Total

### Adamson Industries Corp. 45 Research Dr. HAVERHILL, MA 01832

**Tel:** 978-374-3300/1-800-232-0162 **Fax:** 978-975-7168

#### Quoted to:

NEWMARKET POLICE DEPT 70 EXETER STREET ATTN: ROBERT JORDAN NEWMARKET, NH 03857

# Quotation

Quote Number: 21645

Quote Date: Mar 2, 2018

Page: 2

Custo	omer ID	Good Thru	Payment Terms	Sales	Rep
NEWM	NEWM NH PD 4/1		Net 30 Days	ADAM/JONATHAN	
Quantity	ltem		Description	Unit Price	Extension
1.00 1.00 1.00 1.00 1.00 1.00 2.00 1.00	TR RADAR TR MDT LAPTOR TR PRO CELL / CEL TR GUNRACK SW 131-0010 SW 05.0700.03 SW 05.0700.07 SW 46060 TR EQUIP-SUV	P TRANSFE TRANSFE PARTITI TRANSFE 100A MA 10 30A, 12 5 75A, 12 6 POSIT INSTALL	R RADAR R COMPUTER EQUIPMENT R PRO CELL OR SGL CELL ON R GUNRACK NUAL RESET CIRCUIT BREAKER V RELAY SPST V, RELAY SPST ION FUSE BLK W/GRD EQUIPMENT	195.00 195.00 275.00 49.95 13.95 44.95 15.95 1,595.00	195.00 195.00 275.00 49.95 13.95 44.95 31.90 1,595.00
ALL QUOTA PRODUCTS	ATIONS ARE V S ARE SUBJEC WOMAN OW!	ALID FOR 60 D TTO AV AILAB VED SMALL BU	PAYS, ILITY. ISINESS	Subtotal Sales Tax Freight	4,693.25



Bill To

Newmarket Police Dept

Newmarket, NH 03857

70 Exeter St

Quote Q Date 2, Page 1

QTE010543 2/15/2018 1 of 1

Ship To Newmarket Police Dept 70 Exeter St Newmarket, NH 03857

Salesperson Shipping Method Customer No. Payment Terms INSTALL **NEX560** Brian Vastine Net 30 Item Quantity Item Number Description Unit Price Ext Price 159.60 1 2.00 ENFRMS B nForce, 6 LED Replacement Module, BLUE 79.80 2 Brackets, Headlight, 16 PIU, Front Corners (pair) 20.00 20.00 1.00 PNFSLHLBUV 3 Flasher, Hd Lt, Select-A-Pattern, Pos. Switched 46.90 46,90 1.00 ETHES5-SP mPower, 4-LED, 3", Stud Mount, BLUE 79.80 159.60 4 2.00 EMPSISTSI B 5 1.00 PB400VS-AL-16 PIU Push Bumper, 16+ Pl Utility, Aluminum 369,00 369.00 6 1.00 MMSU-1 Clip, Magnetic Mic Hangup System, Single 34.95 34.95 7 Mic Clip Bracket 14,70 1.00 C-MCB 14.70 8 HLN9073A Clip, Mic Hang Up 2.00 2.00 1.00 9 1.00 **BB132R** Antenna, HD 132-512 MHz, 1/4Wave, Black, Flex Spr 56.05 56.05 10 3/4" Antenna Mount, RG58 Cable, No Conn 15.30 15.30 1.00 MB8 Mini UHF Crimp Conn, RGS8, MALE 11 1.00 CMUHF58 1.80 1.80 12 1.00 R1 Solenoid, 12V, 8S Amp Continuous, S.P.S.T (67010) 45.00 4S.00 13 C-SW-1 Switch, SPST, Black Paddle, w/Red Pilot Lt. 38.00 2.00 19.00 C-PS-2 Switch Plate, 2" w/Two Vertical Switch Cutouts 14 1.00 23.10 23.10 1.00 15 C-FP-3 Filler Plate, 3" 13.65 13.65 AE7050E 3.20 16 1.00 Switch, Harrison Boot, (Flange Mounted Door Pin) 3.20 MISC-Wire, wire ties, fuses, fuse holders, loom, etc. 150.00 150.00 17 1.00 18 1.00 LABOR LABOR 330.00 330.00 Strip all equipment from a 2014 Ford PI Utility. 19 LABOR LABOR 1.540.00 1,540.00 1.00 Install new and existing equipment into a new 2018 Ford Pl Utility. 3,022.85 Quoted By: \_ \_\_\_ Accepted By: \_\_\_\_\_ Date: Subtotal 0.00 Additional Discount PRICE OUOTE GOOD FOR 30 DAYS 75.00 Freight DELIVERY: 30 DAYS ARO 3,097.85 Total TERMS: NET 30 DAYS INSTALL AT OME

Ossipee Mountain Electronics, Inc. PO Box 950 832 Whittier Highway Moultonboro, NH 03254 TEL: (603) 476-5581 Toll Free: (800) 639-5081 Fax: (603) 476-5587 www.omesbs.com CHARTERED JANUARY 1, 1991

FOUNDED DECEMBER 15, 1727



#### TOWN OF NEWMARKET, NEW HAMPSHIRE By the Newmarket Town Council

#### <u>Resolution #2017/2018 - 44</u> Purchase of Tucker Property for Conservation Purposes

- WHEREAS: The Newmarket Conservation Commission wishes to partner with the Southeast Land Trust in order to preserve 15.11 acres of land located at 36 Neal Mill Road Town Map R7 Lot 4-5 currently owned by the Donald F. Tucker Revocable Trust; and
- WHEREAS: The Southeast Land Trust will hold title to the land subject to a Natural Resources Conservation Service Wetlands Reserve Easement and the Town of Newmarket will have an executory interest in the property; and
- WHEREAS: The Southeast Land Trust will be contributing or securing funding from other sources totaling approximately \$70,000 and the Town will be contributing an amount not to exceed \$105,000 after the Southeast Land Trust secures an appraisal of the property to ensure the fair market value; and
- WHEREAS: The Newmarket Conservation Commission will contribute to the purchase and project related costs using their Conservation Funds which currently totals \$294,764

NOW, THEREFORE, BE IT RESOLVED BY THE NEWMARKET TOWN COUNCIL THAT:

That pursuant to NH RSA 36-A:4 the Town Council approves the purchase of 36 Neal Mill Road Map R7 Lot 4-5, with the Town funding toward the project not to exceed \$105,000 to come from the Conservation Commission Fund and further authorizes the Town Administrator to execute any documents on the Town's behalf, including the acceptance of the Town's Executory Interest in the ownership of the property.

First Reading:April 4, 2018Second Reading:April 18, 2018

Approval:

Approved:

Dale Pike, Chair Newmarket Town Council

A True Copy Attest:

Terri Littlefield, Town Clerk



## TOWN OF NEWMARKET, NEW HAMPSHIRE

# **STAFF REPORT**

**DATE:** April 2, 2018

TITLE: Purchase of Tucker Property for Conservation Purposes Resolution 2017/2018-4.4

**PREPARED BY:** Drew Kiefaber–Conservation Commissioner

#### TOWN ADMINISTRATOR'S COMMENTS-RECOMMENDATION:

I recommend passage of this resolution

**BACKGROUND:** The Newmarket Conservation Commission wishes to partner with the Southeast Land Trust (SELT) in order to preserve ~16 acres of land located at 36 Neal Mill Road Map R7 Lot 4-5 and Map R4 Lot 52 currently owned by the Donald F. Tucker Revocable Trust. The property on Neal Mill Road contains a large amount of wetlands and abuts property owned by SELT. The property is for sale as a buildable single family home lot and the owner is interested in selling the property for conservation purposes. The SELT plans to work with the owner to have a Wetlands Reserve Easement (WRE) placed on property. The proceeds from selling the WRE will go to the owner and be counted towards the purchase price of the property. The property will be appraised as a buildable lot and the purchase price will be within the range of \$150,000 to \$170,000 depending on the appraised value. The Conservation Commission will contribute to the purchase and project costs an amount not exceed \$105,000 from the Conservation Fund.

SELTwill own and provide ongoing stewardship of the properties; and the Town will hold an Executory Interest in ownership of the property (meaning if SELT were ever to not want ownership of the properties, the Town would own them).

**DISCUSSION:** The Conservation Commission wishes to continue to work with the SELT and the current owner to purchase the properties for conservation. The wetlands on the Neal Mill Road property drain into the Piscassic River opposite the parcel recently purchased as a potential water source. Conservation of the properties will help maintain water quality in that area.

The Conservation Commission recommends that the Town Council approve the purchase of the properties at 36 Neal Mill Road Map R7 Lot 4-5 and Map R4 Lot 52 for conservation purposes.

**FISCAL IMPACT:** The Conservation Commission will contribute to the purchase and project costs an amount not exceed \$105,000 from the Conservation Fund, which has a current balance of \$240,000.

**RECOMMENDATION:** The Conservation Commission recommends that the Town Council approve the use of an amount not to exceed \$105,000 from the Conservation Fund to be used to help purchase the properties at 36 Neal Mill Road Map R7 Lot 4-5 and Map R4 Lot 52 for conservation purposes.

ATTACH ALL PERTINENT DOCUMENTS TO SUPPORT THE REQUEST. - Preliminary project is attached.



## Tucker, Donald Rev Trust Total Budget

EXPENSES					and hereight
Transaction Costs Acquisition Costs	SELT	WREP	Total	<u>Actual</u>	Notes
Land Purchase Price	\$100,804	\$69,196	\$170,000	<b>\$</b> 0	Subjed to appraisal. This is high end of range
Due Diligence Costs					D./ 14/050
					Relyon WREP Assessment and SELT
Hazardous Waste Assess.	\$150	\$0	\$150	\$0	paid database check
Survev	\$O	\$0	\$0	\$0	wreer wiii pay tur appraisal
Appraisal(s)	\$4,000	\$0	\$4,000	\$0	GBRPP grant for 50% Includes title insurance,
Legal	\$1,100	\$0	\$1,100	\$0	legal costs. WREP pays for Tille Search includes RETT for fee
					deed, recording fees,
Closing Costs Project Management	\$881	\$0	\$881	\$0	taxes
Expenses	CAD.	<b>60</b>	¢o	ሰብ	
Conservation Consulting	φu	20	φU	20	
<b>O</b> ( <b>W</b> )	044.000	<u></u>	¢ 44 000	ሰብ	Flat rate based on
Statt time Travel	\$11,000	50 50	\$11,000 \$0	50 50	current project stgructure.
Contingency	\$5.000	ŝÕ	\$5,000	\$0	
Subtotal, Transaction					
Costs	\$122,985	\$69,196	\$192,131	\$0	
Stewardship Costs	SELT	WREP	Total	Actual	Min contribution for fee
Land Management Fund	\$11,367	<b>\$</b> 0	\$11,367	\$0	ownership
Stewardship & Legal					Flat rate contribution for
Defense Funds Subtatel Stewardship	\$1,800	\$0	\$1,800	\$0	legal detense of CEs
Costs	\$13,167	\$0	\$13,167	\$0	
					total transaction Costs +
TOTAL EXPENSES	\$1 <b>36,15</b> 2	\$69,196	\$2 <b>05,2</b> 98	\$0	Costs
REVENUES	CHILL CONTRACTOR IN CONTRACTOR				Net INC. ON SWORTS
Revenue Sources	Budgeted			Actual	Notes
Government					
Town of Newmarket	\$102,621			\$0	
WREP CE Purchase Price	\$69,546				
GBRPP	\$8,131				
Private Fundraising	60F 000			<u>م</u>	
FINALE GILLS	₩ \$20,000 \$205,205 \$205,205 \$205,205 \$205,000 \$20,0000 \$20,0000 \$20,0000 \$20,0000 \$20,0000 \$20,0000 \$20,00		-	50 \$0	
	WT00,T00			ψ¢	

#### SALES AGREEMENT AND DEPOSIT RECEIPT

WHEREAS, Karen T. Tucker, Trustee of the Donald F. Tucker Revocable Trust (the "SELLER") is the owner of two parcels of land in the town of Newmarket, Rockingham County, New Hampshire, as follows:

- (a) a parcel of land located on the northerly side of Neal Mill Road, consisting of approximately fifteen and eleven tenths (15.11) acres, identified in the Town of Newmarket tax records as Map R7, Lot 4-5, and being a portion of the property described in the deed recorded in Book 5510, Page 596 of the Rockingham County Registry of Deeds, and further shown as "Lot 5" on the Subdivision Plan recorded at said Registry as Plan D-39282 and said plan shown in Exhibit A; and
- (b) a parcel of land located on the northerly side of Old Lee Road, consisting of approximately seventy-eight tenths (0.78) acre, identified in the ToWn of Newmarket tax records as Map R7, Lot 52, and being a portion of the property described in the deed recorded in Book 4897, Page 2120 of the Rockingham County Registry of Deeds, and further shown as "Map R4, Lot 52" on Sheet 3 on the Subdivision Plan recorded at said Registry as Plan D-40019 and said plan shown in Exhibit A.1;
- (c) which together shall be referred to herein as "the Property";

WHEREAS, the Southeast Land Trust of New Hampshire (the "LAND TRUST") is a nonprofit corporation organized under the laws of the New Hampshire, having its principal office at 6 Center Street, Exeter, New Hampshire 03833,

WHEREAS, the SELLER wishes to sell the Property to the LAND TRUST, with a possible Executory Interest to the NEWMARKET CONSERVATION COMMISSION, at its discretion, for the benefit of the public for conservation, open space and passive recreation in memory of her father Donald F. Tucker,

WHEREAS, the Seller wishes to sell, convey and grant a Wetlands Reserve Easement ("WRE") conservation easement on the Property to the United States of America, by and through the Department of Agriculture Wetlands Reserve Easement Program ("WREP"), as further provided herein and sell and convey the WRE encumbered Property to the Land Trust;

WHEREAS, the LAND TRUST is willing to purchase the Property and to assist the Seller to facilitate the WRE transaction;

NOW THEREFORE, the SELLER and the LAND TRUST enter into this Purchase Agreement effective as of the date of the last of the SELLER and the LAND TRUST to sign, as follows:

Karen T. Tucker, Trustee of the Donald F. Tucker Revocable Trust, having a mailing address of 89 Forest Road, Salisbury, Massachusetts 01952 (hereinafter referred to as "SELLER"), her heirs, successors or assigns, in consideration of One Thousand Dollars (\$1,000), herein after referred to as the "Deposit", the adequacy and receipt of which is hereby acknowledged in the form of a business check to be held in escrow by SELLER's realty advisor, Appledore Real Estate, Inc. ("Escrow Agent"), and in consideration of the mutual covenants and agreements contained herein, agrees to sell upon the terms and conditions set forth herein, to Southeast Land Trust of New Hampshire, a nonprofit corporation organized under the laws of the New Hampshire, having its principal office at 6 Center Street, Exeter, New Hampshire 03833 (herein referred to as the "LAND TRUST"), its successors or assigns,

The Property described above being a parcel of approximately fifteen and eleven tenths (15.11) acre as shown as "Lot 5" on the plan attached hereto as **Exhibit** A and the parcel of approximately seventy-eight tenths (0.78) acre as shown on the plan attached hereto Exhibit A.I as "Tax Map R7, Lot 52".

1. PURCHASE PRICE: The total Purchase Price for the Property shall be the fair market value of the portion of the Property identified in Exhibit A only, as determined by an appraisal prepared in accordance with Section 5 (the "Appraised Value"); provided, however, that if the Appraised Value is greater than one hundred seventy thousand dollars (\$170,000.00), the purchase price shall be one hundred seventy thousand dollars (\$170,000.00). If the Appraised Value is less than one hundred fifty thousand dollars (\$150,000.00), the LAND TRUST or SELLER shall have the option to terminate this Agreement by written notice to the other party, in which event all payments made by the LAND TRUST hereunder shall be promptly refunded, and upon such refund, this Agreement shall terminate and neither party shall have any further claims against the other by reason of this agreement, unless the LAND TRUST agrees to a purchase price of \$150,000 or the SELLER agrees to modify the purchase price to the lower Appraised Value and in such cases the Appraisal contingency of the Agreement shall be released. If the Appraised Value is greater than \$170,000.00, the SELLER agrees that the sales price shall be \$170,000.00. The Purchase Price shall be paid to the SELLER in two transactions: (1) through the payment made to the SELLER for the sale of the WRE as further described in Paragraph 4, and (2) a payment to the SELLER by the LAND TRUST equal to the total Purchase Price minus the sale price of the WRE.

Within 30 days of the release of the last of all of the following contingencies being met: Appraisal (Section 5), Funding (Section 12), Corporate Approval (Section 15) and Due Diligence (Section 6), the LAND TRUST shall make a second deposit to SELLER in the amount of twenty-thousand dollars (\$20,000). Said amount to be paid directly to SELLER as a non-refundable deposit.

The Deposit of One Thousand Dollars (\$1,000) to be held in escrow by SELLER'S realty advisor together with the Twenty Thousand Dollars (\$20,000) paid directly to the SELLER and any additional funds paid to SELLER under Paragraph 4 of this Agreement shall be applied to the LAND

TRUST'S portion of the Purchase Price for the Property, the balance of which shall be paid by cash, certified check, bank check, wire transfer or other good funds acceptable to SELLER at the time of delivery of the Warranty Deed subject to a WRE, to be held in escrow until the Fiduciary Deed is recorded.

2. WETLANDS RESERVE EASEMENT: LAND TRUST and SELLER acknowledge and agree hereto that the SELLER will make an application to the United States Department of Agriculture (the "USDA") Natural Resources Conservation Service (the "NRCS), with the LAND TRUST's assistance, for the purposes of funding a Wetlands Reserve Easement (the "WRE") on the Property. In further consideration of the mutual covenants and agreements contained herein, SELLER hereby agrees to execute an AGREEMENT FOR THE PURCHASE OF CONSERVATION EASEMENT (the "WRE Agreement") with NRCS, in a form as shown in Exhibit B, for a perpetual WRE over the Property. The WRE is attached as Exhibit C.

The SELLER agrees that the purchase price for the WRE shall be Four Thousand Five Hundred and Seventy-Nine Dollars (\$4,579) per acre, with the total amount determined by the final surveyed acreage of the land subject to the WRE, to be paid by the NRCS at the time of recording said WRE, in accordance with the terms of the Agreement between the SELLER and NRCS.

SELLER acknowledges the terms and provisions of the WRE, as shown in **Exhibit** C, are nonnegotiable, and by executing said WRE Agreement, SELLER agrees to sell the WRE to NRCS, subject to these known terms and provisions. SELLER acknowledges that said WRE may require additional applications and agreements, and SELLER agrees to execute any such documents related to WRE as required by said NRCS. The LAND TRUST hereby acknowledges that WRE applications and agreements may request due diligence activities, further described in Section 6 below and the LAND TRUST will acquire the Property subject to the WRE.

All payments made to SELLER by the NRCS shall be applied against the Purchase Price of the Property.

- 3. **DEED**: Marketable Title Property shall be conveyed by **FIDUCIARY DEED** and shall be free and clear of all encumbrances except usual public utilities serving the Property and the WRE conservation easement. If required by the Town of Newmarket in connection with its funding toward the Property, the Fiduciary Deed may also include an Executory Interest to the Town of Newmarket.
- 4. TRANSFER OF TITLE: The LAND TRUST and SELLER shall make all reasonable efforts to complete the transaction on or before August 31, 2019, but failure to do so shall not be deemed default nor shall it excuse any party for non-performance. Transfer of title shall be no later than December 31, 2019 at the offices of the LAND TRUST's attorney or another mutually agreeable location (herein referred to as the "Closing"). Should the LAND TRUST be unable to close by said date, the LAND TRUST shall have the right to extend said closing to March 31, 2020 by making an

additional non-refundable deposit in the amount of ten thousand dollars (\$10,000) paid directly to SELLER.

- 5. APPRAISAL: An appraisal in the form of a Summary (aka Appraisal Report) appraisal report prepared in accordance with Uniform Standards of Professional Appraisal Practice shall be prepared by a professional real estate appraiser with a New Hampshire General license with said appraiser mutually agreed to by the parties. The cost of the appraisal shall be borne by the LAND TRUST in partnership with the Town of Newmarket and said appraisal shall be prepared within 120 days from the date of this Agreement. Upon completion of the appraisal, the LAND TRUST shall provide a copy of the appraisal report to the SELLER.
- 6. DUE DILIGENCE and DATA COLLECTION: The LAND TRUST and SELLER acknowledge certain due diligence activities may be required by the LAND TRUST and/or WRE including but not limited to a hazardous waste assessment and boundary surveys of the WRE boundary. The LAND TRUST shall be responsible for all LAND TRUST related due diligence activities and shall deliver the findings/conclusions of said activities to SELLER within thirty (30) days of completion but not later than 120 days from the date of this Agreement. If, upon receipt of results from said activities, it is found that the Property has any recognized environmental conditions, other environmental risks, or contested boundary lines, this Agreement may be rescinded at the option of the LAND TRUST by written notice to SELLER with a copy of the assessment or survey and the deposit shall be refunded to the LAND TRUST, all other obligations of the parties shall cease, and this Agreement shall be void without recourse to the parties.

Notwithstanding the preceding paragraph, if said environmental conditions, risks or contested boundary lines are identified, SELLER shall be given reasonable time to cure such items provided said efforts do not delay Closing or jeopardize funding opportunities described in the paragraph entitled "FUNDING CONTINGENCY".

7. PRESERVATION OF PROPERTY: SELLER agrees that the Property shall remain as it now is until closing, and that SELLER will prevent and refrain from any use of the Property for any purpose or in any manner that would adversely affect the purposes and provisions contained in the WRE Deed and the LAND TRUST's intended use of the Property as conservation land. Specifically, but without limitation, SELLER shall make no alterations to any vegetation and no alterations to any improvements, timber resources, topography, wetlands or watercourses, or other natural resources.

In the event of such actions, the LAND TRUST may, without liability, either (a) refuse to accept the conveyance of title to the Property, in which case all monies deposited or paid to SELLER under this Agreement shall be promptly refunded to it, or (b) the LAND TRUST may elect to accept conveyance of the Property or a portion of the Property, in which case there may be an equitable adjustment of the purchase price based on the change in circumstances.

- 8. RIGHT OF ENTRY AND INSPECTION: The LAND TRUST, or its agents, may enter upon the Property at reasonable times from the date hereof until the closing date for surveying and other reasonable purposes related to this transaction. The LAND TRUST shall have the right to conduct an environmental hazard inspection and assessment of the Property and to update that inspection and assessment prior to closing. Based upon the results of said inspection and/or update, the LAND TRUST may, at its discretion, terminate its obligations hereunder at any time prior to closing, in which event any payments made under this Agreement, shall be forthwith refunded, all other obligations of the parties shall cease, and this Agreement shall be void without recourse to the parties.
- 9. BROKERS: SELLER shall be responsible for any commission due to any real estate broker in connection with this transaction. Valerie Shelton, Appledore Real Estate (N.H. Broker License 042415) represents the SELLER in this transaction. The LAND TRUST has not engaged a broker in this transaction.
- 10. TITLE: If the LAND TRUST desires an examination of title, it shall pay the cost thereof and provide the results of the title exam to SELLER within thirty (30) days of completion but not later than 120 days from the date of this Agreement. If upon examination of title it is found that the title is not marketable, free and clear of all liens, encumbrances, and exceptions that may interfere with the LAND TRUST'S intended use of the Property as conservation land as the Land Trust in its sole discretion shall determine, then SELLER shall use reasonable efforts to remove any defects in title, or to deliver possession as provided herein, or to make the Property conform to the provisions hereof, as the case may be, in which event the time for performance shall be extended for a period of sixty (60) days. If at the expiration of the extended time SELLER shall have failed to remove any defects in title, deliver the Deed or make the Property conform, as the case may be, all as herein agreed, then the Deposit and all payments made to SELLER shall be forthwith refunded and all other obligations of the parties shall cease, and this Agreement shall be void without recourse to the parties. Notwithstanding the above, the LAND TRUST shall have the election, at either the original or any extended time for performance, to accept such title as SELLER can deliver for the Property in its then condition and to pay therefore the Purchase Price.
- 11. ENCROACHMENTS/ACCESS: Without limitation, the Property shall not be considered to be in compliance with the provisions of this Agreement with respect to title unless:
  - a. All structures and improvements, including any driveways and accessory structures, if any, shall be wholly within the lot lines of the parcel of land which Property is a portion of and shall not encroach upon or under any property not within such lot lines; and
  - b. No building, structure, improvement or property of any kind encroaches upon or under the Property from other property.

If encroachments are found as the result of surveying, SELLER shall be given reasonable time to cure noncompliance provided said efforts do not delay Closing or jeopardize funding opportunities described in the following Section 12.

- 12. FUNDING CONTINGENCY: SELLER understands that the LAND TRUST's ability to purchase the Property and to cover all its costs associated with the purchase with funds provided from a variety of sources including, but not limited to, the NRCS and the Town of Newmarket. The LAND TRUST'S obligations hereunder are contingent upon the LAND TRUST receiving funding from the Town of Newmarket totaling \$105,000 toward the Purchase Price and the LAND TRUST's associated costs. If the LAND TRUST is not able to obtain such funding within 120 days of this Agreement, then at the LAND TRUST'S option, the One Thousand Dollar (\$1,000) Deposit held in escrow shall be refunded and all other obligations of the parties shall cease and this Agreement shall be void without recourse to the parties. Notwithstanding the foregoing, the parties agree that should the LAND TRUST and SELLER secure funding in an amount that is not satisfactory to fully fund the purchase price and the LAND TRUST's expenses, then the parties agree that they will work in good faith and make every reasonable effort to negotiate a purchase price satisfactory to both parties and amend this Agreement to reflect the agreed upon purchase price. Unless otherwise stated, all payments made directly to the SELLER under this Agreement shall be non-refundable when paid.
- 13. TAXES: All taxes, assessments, and encumbrances (excluding current use enrollment) that may be a lien against the Property at the time of conveyance to the LAND TRUST shall be satisfied of record by SELLER at or before the transfer of title. If SELLER fails to do so, the LAND TRUST may pay any such taxes, assessments, and encumbrances and deduct such payments from the purchase price. Real estate taxes not yet a lien (if any) will be prorated as of the date of closing. SELLER and the LAND TRUST shall share equally the cost of any transfer, conveyance, recordation or documentary revenue stamp tax, assessment or charge. Property is to be conveyed under Current Use enrollment.
- 14. ADDITIONAL DOCUMENTS: SELLER agrees to sign incidental documents as may be required relative to the LAND TRUST'S purchase of the Property, if any, including but not limited to grant application forms. The NRCS will prepare an Easement Baseline Documentation Report documenting the conditions and resources found on the Property at the time of the grant of the WRE. SELLER shall sign an Easement Baseline Documentation Report acceptable to SELLER at the closing.
- 15. CORPORATE APPROVAL: The LAND TRUST'S obligations hereunder are contingent upon the proposed purchase receiving formal corporate approval in accordance with the LAND TRUST'S standard business practices no later than 120 days from the date of this Agreement. If such formal approval is not obtained, the LAND TRUST shall have the option to terminate this Agreement by written notice to SELLER, in which event the LAND TRUST'S Deposit hereunder shall be promptly refunded, and upon such refund, this Agreement shall terminate and neither party shall have any further claims against the other by reason of this Agreement.

- 16. LIQUIDATED DAMAGES: If the LAND TRUST shall default in the performance of its obligations under this Agreement, the amount of the Deposit may, at the option of SELLER, become the property of SELLER as reasonable liquidated damages. If SELLER shall default in the performance of SELLER'S obligations hereunder, LAND TRUST may receive back its Deposit and and all payments made by the LAND TRUST directly to the SELLER and may also enforce its rights at law and in equity, which include, without limitation, the right of specific performance
- 17. ESCROW INTERPLEADER: In the event of any dispute relative to the deposit monies held in escrow, the Escrow Agent may, in its sole discretion, pay said deposit monies into the Clerk of Court of proper jurisdiction in an Action of Interpleader, provide each party with notice thereof at the address recited herein, and thereupon the Escrow Agent shall be discharged from its obligation as recited therein, and each party to this Agreement shall thereafter hold the Escrow Agent harmless in such capacity. Both parties hereto agree that the Escrow Agent may deduct the cost of bringing such Interpleader Action from the deposit monies held in escrow prior to the forwarding of the same to the Clerk of such Court.
- 18. PRIOR STATEMENTS: All representations, statements and agreements heretofore made between the parties hereto are merged in this Agreement, which alone fully and completely expresses their respective obligations, and this Agreement is entered into by each party after opportunity for investigation, neither party relying on any statements or representations not embodied in this Agreement, made by the other or on his/her/their behalf.
- 19. BINDING ON HEIRS, EXECUTORS, ADMINISTRATORS, SUCCESSORS AND ASSIGNS: This Agreement shall be binding upon the heirs, executors, administrators, successors and assigns of all parties.
- 20. ASSIGNMENT: The LAND TRUST shall have the right to assi gn its rights under this Agreement to another conservation entity or public entity.
- 21. RESIGNING OF FINAL AGREEMENT, AMENDMENT: Should this Agreement be altered by any party, such alterations shall be initialed and dated by all parties. Once agreement on all terms and conditions is reached, all parties will sign a typewritten version. The parties hereto acknowledge and agree that this Agreement may be amended only pursuant to a written agreement executed by all parties hereto with all the formalities hereof.

#### 22. ADDITIONAL PROVISIONS:

1. SELLER warrants and represents to the LAND TRUST that SELLER is the sole legal owner of the Property in fee simple and the Property is not subject to any lease or to any other estate or to any outstanding option, interest or agreement of sale, and (ii) SELLER has the full power and authority to execute and deliver all necessary documents and to otherwise perform all of SELLER'S obligations under this Agreement. Any mortgages on the Property must be discharged at or prior to Closing.

- 2. SELLER warrants that no portion of the Property is or will be occupied by any person or entity under any oral or written lease or agreement from the date of this Agreement including, but not limited to, farm leases, hunting or trapping leases until the date of Closing.
- 3. SELLER shall remove any rubbish or debris from the Property prior to Closing, unless otherwise approved by the LAND TRUST. This provision shall not include natural debris such as wood piles or other organic matter resulting from typical forestry operations.
- 4. This Agreement may be executed in counterpart originals, which together shall constitute a single Agreement.
- 5. SELLER shall credit the LAND TRUST at closing an amount equal to Two and One-Half Percent (2.5%) of the Purchase Price towards the LAND TRUST's costs associated with the purchase of the Property or for on-going stewardship of the Property, as the LAND TRUST determines.

In the presence of:

#### SELLER:

Witness

Karen T. Tucker, Trustee of the Donald F. Tucker Revocable Trust

Date:

#### LAND TRUST:

Witness

Brian Hart, Executive Director Southeast Land Trust of New Hampshire

Date:\_\_\_\_\_

## Exhibit A & A.1 Maps of Property





## ExhibitB WRE Agreement

**Clear Form** 

U.S. Department of Agriculture Natural Resources Conservation Service NRCS-LTP-31 10/2016

Agreement Number: (NRCS Use)

### AGREEMENT FOR THE PURCHASE OF CONSERVATION EASEMENT

THIS AGREEMENT is made by and between

('Landowner''),

and the UNITED STATES OF AMERICA, by and through the Secretary of Agriculture ("United States"), on behalf of the Commodity Credit Corporation ("CCC"). Landowner and the United States are collectively referred to as "the Parties." The Natural Resources Conservation Service ("NRCS") is the administering agency on behalf of the United States.

#### L Purpose.

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Landowner agrees that by signing this Agreement, the Landowner is enroiling the Property in the Agriculture Conservation Easement Program - Wetland Reserve Easement (ACEP-WRE), Subtitle Hof Title XII of the Food Security Act of 1985, and agrees to the restoration and maintenance of the Property for the duration of the ACEP-WRE easement in accordance with the Warranty Easement Deed, appended hereto as Exhibit 1. NRCS will assist landowners in restoring and protecting the wetland functions and values of their properties through a Wetland Reserve Plan of Operations (WRPO) developed by NRCS.

#### II. Property Description.

The Property is comprised of \_\_\_\_\_\_\_ acres, more or less, and is more fully depicted or described in Exhibit 2, appended hereto.

TOGETHER, with an associated right-of-way, water uses, water rights, minerals, oil, gas, and geothermal resources depicted on Exhibit 3, appended hereto.

#### III. Purchase Price.

The purchase price is based on the value of the Property per acre multiplied by the number of acres. The Parties agree to adjust the purchase price to conform to the final acreage as determined by a survey procured by NRCS, unless othe<sup>r</sup>wise mutually agreed to by the Parties. Any adjustment of purchase price or acreage will be incorporated in the Warranty Easeme<sup>n</sup>t Deed, and by its execution, at closing, shall constitute the Parties' agreement to the adjustment.

NRCS will make a single payment unless Landowner requests \_\_\_\_\_\_\_\_ annual installment payments. After the first installment payment, subsequent installment payments will be made in the month of October. Payment will be made by the United States using Electronic Fund Transfers (EFT).

#### IV. Terms of Easement.

Landowner agrees to convey the conservation easement using the Warranty Easement Deed provided by NRCS. The period of the ACEP-WRE conservation easement is:



#### V. Restoration Rights of the United States.

A. By signing this Agreement, the Landowner agrees that NRCS will have the right to implement the WRPO on the Property upon execution of the Warranty Easement Deed. The Landowner authorizes NRCS to provide financial assistance either directly to the Landowner or through another entity that assists with implementation of the WRPO, as determined by NRCS. These agreements and authorizations shall not merge with, but shall survive the execution and recordation of the Warranty Easement Deed to be executed pursuant to this Agreement.

B. Landowner acknowledges that projected restoration practices, locations, extents, quantities, and associated costs developed by NRCS are subject to change and that NRCS has final discretion on the implementation of the WRPO. The Landowner must identify their preferred method for NRCS to provide financial assistance for restoration on the Property and initial below:

Method: \_\_\_\_\_ Federal Contract

Landowner Conservation Program Contact

or Partner Agreement

C. For 30-year easements, NRCS will not provide funding for more than 75 percent of the total restoration cost. The Landowner agrees that NRCS will withhold an amount equivalent to 25 percent of the projected restoration costs from the easement payment in order to carry out the restoration on the Property in accordance with the WRPO. If there is an increase in the final restoration costs from the projected restoration costs, the Landowner is responsible to provide additional funds up to 25 percent of the final restoration cost. If there is a decrease in the final restoration costs, the Landowner will receive the difference between the 25 percent of the final restoration costs and the amount withheld based on the projected restoration costs.

#### VI. Risk of Loss & Liabilities.

A. The risk of loss or damage to the Property occurring prior to the vesting of satisfactory title in the United States shall be borne by the Landowner. In the event of such loss or damage, NRCS may, at its discretion and without liability, withdraw from the transaction and terminate the Agreement.

B. In the event of loss or damage to the Property, the Parties may mutually agree to adjust the purchase price and proceed with the transaction based upon an acceptable ACEP-WRE valuation methodology.

#### VII. Title.

A. The United States shall, at its cost, secure evidence of title satisfactory to the Attorney General of the United States, 40 USC 3111.

B. Prior to closing, the title to the Property shall be approved by the Department of Agriculture, Office of the General Counsel, in conformity with the title standards and regulations of the Attorney General of the United States.

C. Prior to closing, any encumbrance, exception or other cloud on title including encroachments shall be eliminated and quieted by the Landowner, unless deemed administratively acceptable by NRCS pursuant to instructions given by the Office of the General Counsel.

D. Landowner represents and warrants that Landowner has: full right, power, and authority to convey; that there is no condemnation or similar proceedings affecting any part of the Property and no proceedings shall be pending on the Closing Date; and that Landowner is not subject to any commitment, obligation, or agreement, including but not limited to, any rights of first refusal or option to purchase, granted to a third party, which would or could prevent Landowner from completing the sale of the Property as contemplated by this Contract.

E. Landowner represents and warrants that Landowner has defined, unencumbered, unconditional, and transferable legal right of access from an identified Federal, State, or local public right of way to the entire easement area for the term of the enrollment.

F. Landowner agrees to pay at closing any taxes that are due or delinquent owing against the Property.

#### VIII. Closing.

A. NRCS has until February 15, 2019, to close on the conservation easement. Prior to the expiration of the Agreement, the Parties may mutually agree to extend this Agreement only once until February 15, 2020.

B. NRCS will select a closing company or closing agent and pay all normal costs of closing.

#### IX. Conveyance Instruments.

A. Landowner shall execute and deliver at closing a Warranty Easement Deed conveying a conservation easement on the Property to the United States of America.

B. Landowner shall deliver, without cost to the United States, any other documents that may be required to convey good and merchantable title, including trust instruments, powers of attorney, corporate resolutions, and similar instruments.

C. The deed or deeds of conveyance shall be prepared by NRCS in consultation with the Office of the General Counsel.

#### X. General Provisions.

A. Landowner agrees that officers and authorized agents of the United States shall have at all reasonable times the right to enter upon the Property for any purpose related to purchasing the conservation easement, including inspection of the Property and the resources upon them, restoration planning, survey, and other due diligence work related to real property acquisition.

B. Landowner agrees not to do or authorize others to do any act by which the value or title to the Property may be diminished or encumbered, or the Property devalued, including the extraction of resources or materials (for example, oil, gas, minerals, timber), the manipulation of topography, or the release of hazardous materials or substances.

C. Except for reasons beyond the control of the Landowner, as determined by NRCS, if the Landowner fails to convey the easement, the Landowner will be in default and shall pay the United States the amount of costs incurred by the United States for survey and all other actions taken in furtherance of this Agreement.

D. NRCS may, at its discretion and without liability, terminate this Agreement at any time due to the lack of availability of funds, inability to clear title, lack of sufficient legal access, sale of the land, risk of hazardous substance contamination, or other reason.

E. The Parties agree that this Agreement shall not be assigned in whole or in part, except that Landowner may, assign this Agreement to Purchase Conservation Easement to a qualified intermediary if he/she elects to conduct a like-kind exchange in accordance with Internal Revenue Code Section 1031. The Landowner agrees to provide NRCS the notice of assignment no less than 90 days prior to the anticipated closing date. As part of the like-kind exchange, the subject property will be conveyed to the United States and the United States will make payment in accordance with the purchase agreement, assignment, and closing instructions. The United

States makes no assurances that this transaction will qualify as a like-kind exchange in accordance with Internal Revenue Code Section 1031. Further, the Parties agree that no Member of Delegate to Congress or Resident Commissioner shall be a party to any share or part of this Agreement.

F. All covenants, warranties and representations made by Landowner shall survive this Agreement.

G. Irrespective of any violations by the Landowner of the terms of the conservation easement, the conservation easement survives and runs with the land for its duration.

H. If NRCS requires a closing or escrow agent to perfect this transaction, the Landowner hereby agrees that the payment may be disbursed into an escrow account administered by the closing company, escrow agent or authorized person selected by NRCS for completion of the transaction between NRCS and the Landowner.

I. Landowner understands the program requirement that any existing cropland base on the enrolled acres must be permanently retired at the time of easement closing. The landowner understands that it is their responsibility to contact the Farm Service Agency (FSA) to obtain and execute any documents necessary to transfer or retire base acres from the enrolled land prior to the closing of the easement. Upon closing and recording the easement, NRCS will provide written notification of easement recording to FSA, at which time any base acres remaining on the easement acres will be permanently retired.

J. Landowner understands that they are responsible to contact FSA to determine impacts to commodity payments that may result from easement closing and recording.

K. Landowner acknowledges that NRCS may provide a copy of this Agreement to the Farm Service Agency (FSA) at the time it is executed for the purpose of allowing FSA to track ACPE-WRE enrollments to ensure the county cropland enrollment limits are not exceeded. Execution of this Agreement alone does not authorize the permanent retirement of base acres or commodity payment refund collection.

Landowner has hereunto signed on this \_\_\_\_\_ Day of \_\_\_\_\_, 20\_\_\_\_.

Landowner(s):

The Secretary of the Department of Agriculture, acting through his or her authorized representative has executed this Contract on behalf of the United States of America on this \_\_\_\_\_ Day of \_\_\_\_\_\_, 20\_\_\_\_.

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THE UNITED STATES OF AMERICA

BY:\_\_\_\_\_

#### Optional Extension of the Agreement for the Purchase of Conservation Easement

#### XI.A Extension of Agreement

Prior to the original expiration date of this Agreement, the Parties mutually agree to extend this Agreement to the February 15 extension date identified in Paragraph VIII(A). The Parties acknowledge that no further extensions of this Agreement are authorized.

Landowner has hereunto signed on this	Day of	, 20
Landowner(s):		

The Secretary of the Department of Agriculture, acting and through his/her authorized representative has executed this Contract on behalf of the United States of America on this \_\_\_\_\_ Day of \_\_\_\_\_, 20\_\_\_\_.

#### THE UNITED STATES OF AMERICA

BY: \_\_\_\_\_

#### NONDISCRIMINATION STATEMENT

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its program and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or a part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (1202) 720-2600 (voice and TDD). To file a complaint of discrimination write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410 or call (800) 705-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

#### PRIVACY ACT STATEMENT

The above statements are made in accordance with the Privacy Act of 1974 (U.S.C. 522a). Furnishing this information is voluntary; however, failure to furnish correct, complete information will result in the withholding or withdrawal of such technical or financial assistance. The information may be furnished to other USDA agencies, the Internal Revenue Service, the Department of Justice, or other State or Federal Law enforcement agencies, or in response to orders of a court, magistrate, or administrative tribunal.

## Exhibit C WREDeed

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Clear Form

U.S. Department of Agriculture Natural Resources Conservation Service NRCS-LTP-30 07/2014

## WARRANTY EASEMENT DEED IN PERPETUITY

#### AGRICULTURAL CONSERVATION EASEMENT PROGRAM – WETLAND RESERVE EASEMENT

EASEMENT NO.

#### THIS WARRANTY EASEMENT DEED is made by and between

\_\_\_\_\_\_ of (hereafter referred to as the

"Landowner"), Grantor(s), and the UNITED STATES OF AMERICA and its assigns, (hereafter referred to as the "United States"), Grantee. The Landowner and the United States are jointly referred to as the "Parties".

The United States of America is acquiring this property by and through the Commodity Credit Corporation (CCC) and the acquiring agency of the United States is the Natural Resources Conservation Service (NRCS), United States Department of Agriculture.

#### Witnesseth:

<u>Purposes and Intent</u>. The purpose of this easement is to restore, protect, manage, maintain, and enhance the functional values of wetlands and other lands, and for the conservation of natural values including fish and wildlife and their habitat, water quality improvement, flood water retention, groundwater recharge, open space, aesthetic values, and environmental education. It is the intent of NRCS to give the Landowner the opportunity to participate in the restoration and management activities on the Easement Area.

<u>Authority</u>. This easement deed acquisition is authorized by Subtitle Hof Title XII of the Food Security Act of 1985, as amended, for the Agricultural Conservation Easement Program - Wetland Reserve Easement.

**NOW THEREFORE**, for and in consideration of the terms of this mutual obligations and benefits recited herein to each party and the sum of \_\_\_\_\_\_

(\$\_\_\_\_\_\_), paid to Grantor(s), the receipt of which is hereby acknowledged, Grantor (s) hereby grants and conveys with general warranty of title to the UNITED STATES OF AMERICA and its assigns, (Grantee), in perpetuity, the lands comprising the Easement Area described in Part I and appurtenant rights of access to the Easement Area, but reserving to the Landowner only those rights, title, and interest in the lands comprising the

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Dollars

Easement Area expressly enumerated in Part II. It is the intention of the Landowner to convey and relinquish any and all other property rights not so reserved. This easement shall constitute a servitude upon the land so encumbered; shall run with the land for the duration of the easement; and shall bind the Grantor(s), their heirs, successors, assigns, lessees, and any other person claiming under them.

SUBJECT, however, to all valid rights of record, if any.

<u>PART I.</u> <u>Description of the Easement Area</u>. The lands encumbered by this easement deed, referred to hereafter as the Easement Area, are described on EXHIBIT A which is appended to and made a part of this easement deed.

TOGETHER with a right of access for ingress and egress to the Easement Area across adjacent or other properties of the Landowner. Such a right-of-way for access purposes is described in EXHIBIT B which is appended to and made a part of this easement deed.

<u>PART II</u>. <u>Reservations in the Landowner on the Easement Area</u>. Subject to the rights, title, and interest conveyed by this easement deed to the United States, including the restoration, protection, management, maintenance, enhancement, and monitoring of the wetland and other natural values of the Easement Area, the Landowner reserves:

- A. <u>Title</u> Record title, along with the Landowner's right to convey, transfer, and otherwise alienate title to these reserved rights.
- B. <u>Quiet Enjoyment</u>. The right of the Landowner to enjoy the rights reserved on the Easement Area without interference from others.
- C. <u>Control of Access</u>. The right to prevent trespass and control access by the general public subject to the operation of State and Federal law.
- D. <u>Recreational Uses</u>. The right to undeveloped recreational uses, including undeveloped hunting and fishing and leasing of such rights for economic gain, pursuant to applicable State and Federal regulations that may be in effect at the time. Undeveloped recreational uses may include use of hunting or observation blinds that will accommodate no more than four people and are temporary, non-permanent and easily assembled, disassembled and moved without heavy equipment. Undeveloped recreational uses must be consistent with the long-term protection and enhancement of the wetland and other natural values of the Easement Area.
- E. <u>Subsurface Resources</u>. The right to oil, gas, minerals, and geothermal resources underlying the Easement Area, provided that any drilling or mining activities are to be located outside the boundaries of the Easement Area, unless activities within the boundaries are specified in accordance with the terms and conditions of EXHIBIT C which is appended to and made a part of this easement deed, if applicable.

F. <u>Water rights and water uses</u>. The right to water uses and water rights identified as reserved to the Landowner in EXHIBIT D which is appended to and made a part of this Easement Deed, if applicable.

PART III. Obligations of the Landowner. The Landowner shall comply with all terms and conditions of this Easement, including the following:

- A. <u>Prohibitions</u>. Without otherwise limiting the rights of the United States acquired hereunder, it is expressly understood that the rights to carry out the following activities and uses have been acquired by the United States and, unless authorized by the United States under Part IV, are prohibited on the Easement Area:
  - 1. having, mowing, or seed harvesting for any reason;
  - 2. altering of grassland, woodland, wildlife habitat or other natural features by burning, digging, plowing, disking, cutting or otherwise destroying the vegetative cover;
  - 3. accumulating or dumping refuse, wastes, sewage, or other debris;
  - 4. harvesting wood or sod products;

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- 5. draining, dredging, channeling, filling, leveling, pumping, diking, impounding, or related activities, as well as altering or tampering with water control structures or devices, except as specifically set forth in EXHIBIT D, if applicable;
- 6. diverting or causing or permitting the diversion of surface or underground water into, within, or out of the Easement Area by any means, except as specifically set forth in EXHIBIT D, if applicable;
- 7. building, placing, or allowing to be placed structures on, under, or over the Easement Area; except for individual semi-permanent hunting or observation blinds for undeveloped recreational uses the external dimensions of which will be no more than 80 square feet and 8 feet in height, with the number, locations, and features of blinds approved by NRCS under Part IV;
- 8. planting or harvesting any crop;
- 9. grazing or allowing livestock on the Easement Area;
- 10. disturbing or interfering with the nesting or brood-rearing activities of wildlife including migratory birds;
- 11. use of the Easement Area for developed recreation. These uses include but are not limited to, camping facilities, recreational vehicle trails and tracks, sporting clay operations, skeet shooting operations, firearm range operations and the infrastructure to raise, stock, and release captive raised waterfowl, game birds and other wildlife for hunting or fishing;
- 12. any activities which adversely impact or degrade wildlife cover or other habitat benefits, water quality benefits, or other wetland functions and values of the Easement Area; and
- 13. any activities to be carried out on the Landowner's land that is immediately adjacent to, and functionally related to, the Easement Area if such activities

will alter, degrade, or otherwise diminish the functional value of the Easement Area.

- B. <u>Noxious Plants and Pests</u>. The Landowner is responsible for noxious weed control and emergency control of pests as required by all Federal, State, and local laws. A plan to control noxious weeds and pests must be approved in writing by the NRCS prior to implementation by the Landowner.
- C. <u>Fences</u>. Except for establishment cost incurred by the United States and replacement cost not due to the Landowner's negligence or malfeasance, all other costs involved in maintenance of fences and similar facilities to exclude livestock shall be the responsibility of the Landowner. The installation or use offences which have the effect of preventing wildlife access and use of the Easement Area are prohibited on the Easement Area, easement boundary, or on the Landowner's land that is immediately adjacent to, and functionally related to, the Easement Area.
- D. <u>Restoration</u>. The Landowner shall allow the restoration and management activities NRCS deems necessary for the Easement Area.
- E. <u>Access Maintenance</u>. The Landowner is responsible to maintain any non-public portions of the access route described in Exhibit B such that the access route can be traversed by a standard four-wheel all-terrain vehicle at least annually.
- F. <u>Use of water for easement purposes.</u> The Landowner shall use water for easement purposes as set for in EXHIBIT D, which is appended to and made a part of this Easement Deed, if applicable.
- G. <u>Protection of water rights and water uses</u>. As set forth in EXHIBIT D, if applicable, the Landowner shall undertake actions necessary to protect any water rights and water uses for easement purposes.
- H. <u>Taxes</u> The Landowner shall pay any and all real property and other taxes and assessments, if any, which may be levied against the land.
- I. <u>Reporting</u>. The Landowner shall report to the NRCS any conditions or events which may adversely affect the wetland, wildlife, and other natural values of the Easement Area.
- J. <u>Survival</u>. Irrelevant of any violations by the Landowner of the terms of this Easement Deed, this easement survives and runs with the land for its duration.
- K. <u>Subsequent Conveyances</u>. The Landowner agrees to notify NRCS in writing of the names and addresses of any party to whom the property subject to this Easement Deed is to be transferred at or prior to the time the transfer is consummated. Landowner and its successors and assigns shall specifically refer to this Easement

Deed in any subsequent lease, deed, or other instrument by which any interest in the property is conveyed.

#### PART IV. Compatible Uses by the Landowner.

- A. <u>General</u>. The United States may authorize, in writing and subject to such terms and conditions the NRCS may prescribe at its sole discretion, the temporary use of the Easement Area for compatible economic uses, including, but not limited to, managed timber harvest, periodic haying, or grazing.
- B. <u>Limitations</u>. Compatible use authorizations will only be made if, upon a determination by NRCS in the exercise of its sole discretion and rights, that the proposed use is consistent with the long-term protection and enhancement of the wetland and other natural values of the Easement Area. The NRCS shall prescribe the amount, method, timing, intensity, and duration of the compatible use. Compatible use authorizations do not vest any rights in the Landowner and can be revoked by NRCS at any time.

#### PART V. Rights of the United States. The rights of the United States include:

- A. <u>Management activities</u> The United States has the right to enter the Easement Area to undertake, on a cost-share basis with the Landowner or other entity as determined by the United States, any activities to restore, protect, manage, maintain, enhance, and monitor the wetland and other natural values of the Easement Area. The United States may apply to or impound additional waters, in accordance with State water law, on the Easement Area in order to maintain or improve wetland and other natural values.
- B. <u>Access</u>. The United States has a right of reasonable ingress and egress to the Easement Area over the Landowner's property, whether or not the property is adjacent or appurtenant to the Easement Area, for the exercise of any of the rights of the United States under this Easement Deed. The authorized representatives of the United States may utilize vehicles and other reasonable modes of transportation for access purposes. To the extent practical, the United States shall utilize the access identified in EXHIBIT B. The United States may, in its discretion, conduct maintenance activities on the access route identified in Exhibit B to obtain physical access to the Easement Area for the exercise of any of the rights of the United States under this Easement Deed.
- C. <u>Easement Management</u>. The Secretary of Agriculture, by and through the NRCS, may delegate all or part of the management, monitoring or enforcement responsibilities under this Easement Deed to any Federal or State agencies authorized by law that the NRCS determines to have the appropriate authority, expertise and resources necessary to carry out such delegated responsibilities. State or federal agencies may utilize their general statutory authorities in the administration of any

delegated management, monitoring or enforcement responsibilities for this easement. The authority to modify, subordinate, exchange, or terminate this easement under Subtitle H of Title XII of the Food Security Act of 1985 is reserved to the Secretary of Agriculture in accordance with applicable law. If the United States at some future time acquires the underlying fee title in the property, the interest conveyed by this Easement Deed will not merge with fee title but will continue to exist and be managed as a separate estate.

- D. <u>Violations and Remedies Enforcement</u>. The Parties, Successors, and Assigns, agree that the rights, title, interests, and prohibitions created by this Easement Deed constitute things of value to the United States and this Easement Deed may be introduced as evidence of same in any enforcement proceeding, administrative, civil or criminal, as the stipulation of the Parties hereto. If there is any failure of the Landowner to comply with any of the provisions of this Easement Deed, the United States or other delegated authority shall have any legal or equitable remedy provided by law and the right:
  - 1. To enter upon the Easement Area to perform necessary work for prevention of or remediation of damage to wetland or other natural values; and,
  - 2. To assess all expenses incurred by the United States (including any legal fees or attorney fees) against the Landowner, to be owed immediately to the United States.

#### PART VI. General Provisions.

- A. <u>Successors in Interest</u>. The rights granted to the United States shall accrue to any of its agents or assigns. All obligations of the Landowner under this Easement Deed shall also bind the Landowner's heirs, successors, agents, assigns, lessees, and any other person claiming under them. All the Landowners who are parties to this Easement Deed shall be jointly and severally liable for compliance with its terms.
- B. <u>Rules of Construction and Special Provisions</u>. All rights in the Easement Area not reserved by the Landowner shall be deemed acquired by the United States. Any ambiguities in this Easement Deed shall be construed in favor of the United States to effect the wetland and conservation purposes for which this Easement Deed is being acquired. The property rights of the United States acquired under this easement shall be unaffected by any subsequent amendments or repeal of the Agricultural Conservation Easement Program. If the Landowner receives the consideration for this easement in installments, the Parties agree that the conveyance of this easement shall be totally effective upon the payment of the first installment.
- C. <u>Environmental Warranty</u>. "Environmental Law" or "Environmental Laws" means any and all Federal, State, local or municipal laws, orders, regulations, statutes,
ordinances, codes, guidelines, policies, or requirements of any governmental authority regulating or imposing standards of liability or standards of conduct (including common law) concerning air, water, solid waste, hazardous materials or substance, worker and community right-to-know, hazard communication, noise, radioactive material, resource protection, subdivision, inland wetlands and watercourses, health protection and similar environmental health, safety, building and land use as may now or at any time hereafter be in effect.

"Hazardous Materials" means any petroleum, petroleum products, fuel oil, waste oils, explosives, reactive materials, ignitable materials, corrosive materials, hazardous chemicals, hazardous wastes, hazardous substances, extremely hazardous substances, toxic substances, toxic chemicals, radioactive materials, infectious materials, and any other element, compound, mixture, solution or substance which may pose a present or potential hazard to human health or the environment.

Landowner warrants that it is in compliance with, and shall remain in compliance with, all applicable Environmental Laws. Landowner warrants that there are no notices by any government authority of any violation or alleged violation of, noncompliance or alleged non-compliance with or any liability under any Environmental Law relating to the operations or conditions of the Easement Area. Landowner further warrants that it has no actual knowledge of a release or threatened release of Hazardous Materials on, beneath, near or from the Easement Area.

D. <u>General Indemnification</u>. Landowner shall indemnify and hold harmless the United States, its employees, agents, and assigns for any and all liabilities, claims, demands, losses, expenses, damages, fines, fees, penalties, suits, proceedings, actions, and cost of actions, sanctions asserted by or on behalf of any person or government authority, and other liabilities (whether legal or equitable in nature and including, without limitation, court costs, and reasonable attorneys' fees and attorneys' fees on appeal) to which the United States may be subject or incur relating to the Easement Area, which may arise from, but is not limited to, Landowner's negligent acts or omissions or Grantor's breach of any representation, warranty, covenant, or agreements contained in this Easement Deed, or violations of any Federal, State, local or municipal laws, including all Environmental Laws.

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TO HAVE AND TO HOLD, this Warranty Easement Deed is granted to the United States of America and its assigns forever. The Landowner covenants that he, she, or they are vested with good title to the Easement Area and will warrant and defend the same on behalf of the United States against all claims and demands. The Landowner covenants to comply with the terms and conditions enumerated in this document for the use of the Easement Area and adjacent lands for access, and to refrain from any activity not specifically allowed or that is inconsistent with the purposes of this Easement Deed.

Dated this	day of	, 2
Landowner(s):	·	
14) (14)		

### ACKNOW LEDGMENT

STATE OF

COUNTY OF

On this \_\_\_\_\_ day of \_\_\_\_\_, 2 \_\_\_\_, before me, the undersigned, a Notary Public in and for said State personally appeared \_\_\_\_\_\_\_, know or proved to me to be the person {s) described in and who executed the foregoing instrument, and acknowledged that \_\_\_\_\_\_ executed the same as \_\_\_\_\_\_\_ free act and deed.

IN TESTIMONY WHEREOF, I have hereunto set my hand and official seal the day and year first above written.

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## ACCEPTANCE BY GRANTEE:

I		(name),	(title),
being the duly	authorized represent	ative of the United States Departm	nent of Agriculture, Natural
Resources Con	servation Service, do	hereby accept this Warranty Eas	ement Deed with respect to
the rights and o	luties of the United S	states of America, Grantee.	
To . 1 .1 *	1 f	2	
Dated this	day of	, ∠	
		Signatu	ire
		30	
		677 <sup>9</sup> -1	
		Title	

This instrument was drafted by the Office of General Counsel, U.S. Department of Agriculture, Washington, D.C. 20250-1400.

### NONDISCRIMINATION STATEMENT

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its program and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or a part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (1202) 720-2600 (voice and TDD). To file a complaint of discrimination write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410 or call (800) 705-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

## PRIVACY ACT STATEMENT

The above statements are made in accordance with the Privacy Act of 1974 (U.S.C. 522a). Furnishing this information is voluntary; however, failure to furnish correct, complete information will result in the withholding or withdrawal of such technical or financial assistance. The information may be furnished to other USDA agencies, the Internal Revenue Service, the Department of Justice, or other State or Federal Law enforcement agencies, or in response to orders of a court, magistrate, or administrative tribunal.

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# RECEIVED

APR -3 2018





# APPLICATION FOR APPOINTMENT TO A BOARD, COMMISSION, OR COMMITTEE POSITION WITHIN THE TOWN OF NEWMARKET

Applicant's Name: David Source Swith
Adds 3 Burch Dr Phone/Cell 6033972506
RSA 669:19 Newmarket Registered Voter: Yes No # of Years as Resident: 5
Email address: david & mjsmith photo.com
Full membership (3 year term) position applying for <u>(ane Terry Trustee</u> State what the new term expiration date is <u>March</u> , 20 20
Alternate position (3 year term) position applying for
State what the new term expiration date is:
I feel the following experience and background qualifies me for this position: <u>I have</u>
Several generations of anestors buried in
Reverside. I have been a wanger in Ritading and
insurance companies. I have worked as a computer
Software suplans designer which veguered interaction with people at
Dord I have all Levels the basiles
Signature Date

Yau are welcome to submit a letter or resume with this form. <u>Applicants are requested to attend the Council</u> meeting to address the Town Council prior to the decision making process. Applicants will be notified of the time and date of this meeting in advance. Thank you for your application and interest in the Town of Newmarket.