

**AGENDA**  
**BOARD OF SELECTMEN**  
**August 3, 2020 AT 6:30 PM**  
**TOWN HALL, PAULSEN MEETING ROOM**

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- I. CALL TO ORDER
- II. CITIZEN COMMENT
- III. SCHEDULED MEETINGS:
  - a. Chief Gilman – Equipment Purchases
  - b. William Evans – Request to open a portion of a Class VI Roadway (Upper Beacon Hill)
- IV. OLD BUSINESS:
  - a.
- V. NEW BUSINESS:
  - a. Potential COVID Expenses
  - b. Manifest/Abatements
  - c. Minutes 7/20/20; 7/23/20; 7/27/20; 7/29/20; Non public 7/20/20; 7/23/20; 7/27/20; 7/29/20
- VI. TOWN ADMINISTRATOR REPORT
- VII. COMMITTEE REPORTS
- VIII. OTHER/CITIZEN COMMENT
- IX. Non Public Session
  - RSA 91-A:3 II (b) The hiring of any person as a public employee
- X. ADJOURN

PETITION TO OPEN A TOWN ROAD  
RSA 231, SECTION 231:8

July 30, 2020

To: Board of Selectmen, Town of Pembroke, NH

Re: 225-229 Beacon Hill Road, Pembroke, NH, Tax Map 563, Lot 15

From: William E & Mary Lou Evans, Trustees

Pursuant to RSA 231, Section 231:8 and our meeting on October 21, 2019 we are petitioning the Board of Selectmen to layout a portion of Beacon Hill Road located at the subject address for access to the property that we own.

Please see attached a copy of a conceptual plan showing the proposed locations for access off of Beacon Hill Road and the CAI tax map showing the general area around the subject property. These locations have been marked in the field for your general reference.

I have also attached a list of the abutters to the property.

Abutters List

Evans, William E. & Mary Lou, Trustees  
Tax Map 563, Lot 15  
225-229 Beacon Hill Road, Pembroke, NH  
November 7, 2019

BOYER, DANNY S. & JULIE A.  
223 BEACON HILL ROAD  
PEMBROKE, NH 03275  
TAX MAP 563, LOT 16-1

RIVERWOOD COMMERCIAL PROPERTIES  
4 PARK STREET  
CONCORD, NH 03301  
TAX MAP 561, LOT 4

TURSUBOVIC, SAMIR & KELLIE  
241A BEACON HILL ROAD  
PEMBROKE, NH 03275  
TAX MAP 563, LOT 15-6

TIERNEY, PATRICK & MARIANNE  
243B BEACON HILL ROAD  
PEMBROKE, NH 03275,  
TAX MAP 563, LOT 15-5

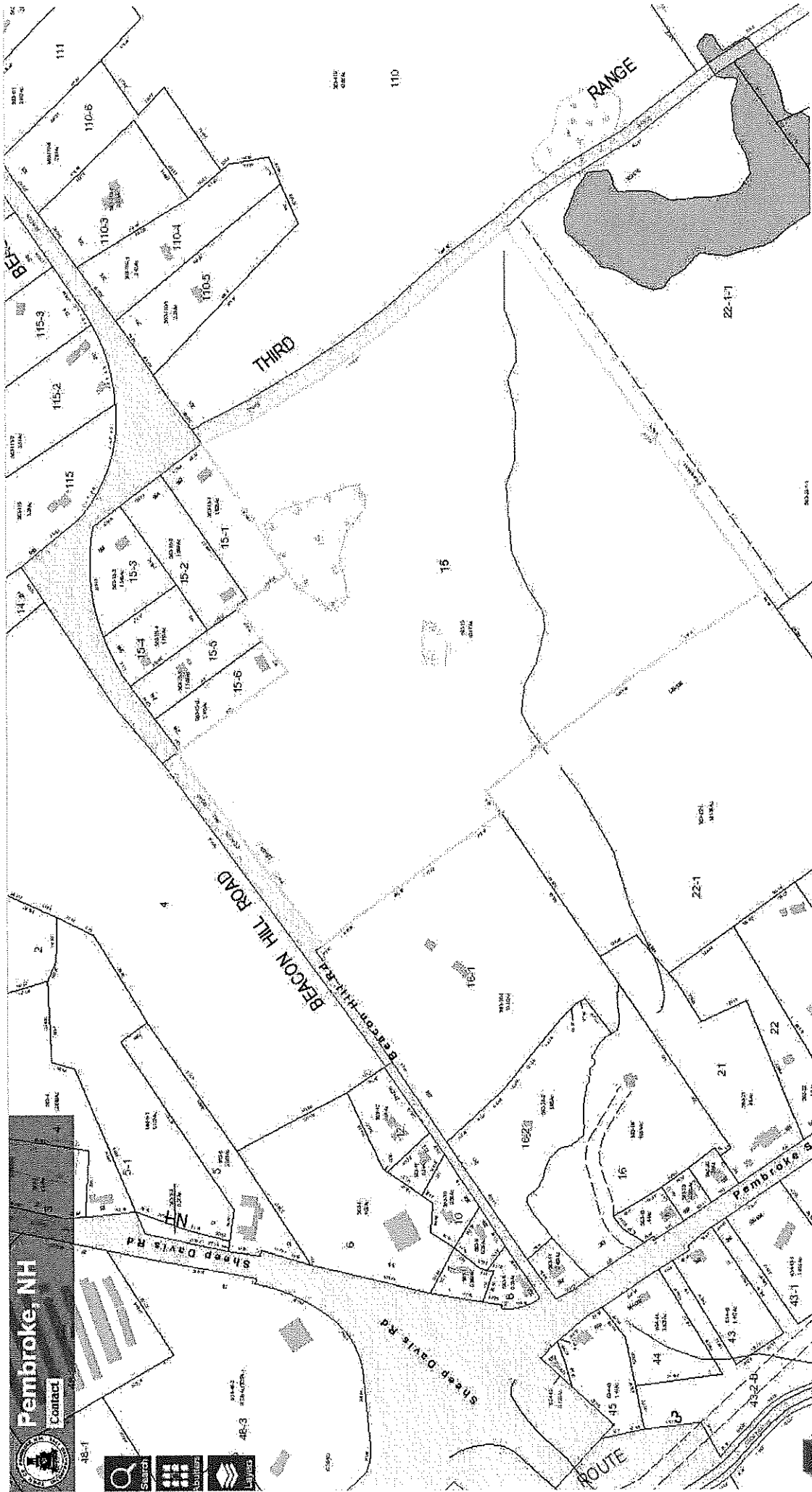
FARETRA, MICHAEL C. & ROBIN C., TRUSTEES  
MICHAEL C. & ROBIN C. FARETRA REVOCABLE TRUST  
152 SNOW POND ROAD  
CONCORD, NH 03301  
TAX MAP 563, LOT 15-2

COREY, PETER &  
MARGARET J., TRUSTEE  
PEMACOR FAMILY TRUST 2017  
38 SOUTH WHITEFIELD ROAD  
WHITEFIELD, NH 03598  
TAX MAP 563, LOT 15-1

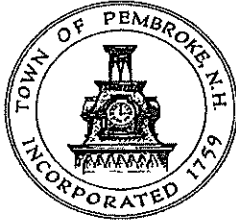
PEMBROKE, TOWN OF  
CONSERVATION COMMISSION  
311 PEMBROKE STREET  
PEMBROKE, NH 03275  
TAX MAP 563, LOT 110

PEMBROKE, TOWN OF  
BRAGFIELD POND  
311 PEMBROKE STREET  
PEMBROKE, NH 03275  
TAX MAP 563, LOT 22-1-1

NH BAPTIST ASSOCIATION  
C/O RICH CLEGG  
96 SCHOOL STREET  
MANCHESTER, NH 03102  
TAX MAP 563, LOT 22-1







# TOWN OF PEMBROKE

Town Hall ~ 311 Pembroke Street, Pembroke, New Hampshire 03275 Tel: 603-485-4747

## **Procedures for Changing a Class VI Road to a Class V Road As Part of a Subdivision or Site Plan Approval**

This procedure is intended to provide an applicant for subdivision or site plan approval, the Planning Board, and the Board of Selectmen with a uniform procedure when a request to reclassify a class VI road as class V is presented to the Board of Selectmen and the Planning Board for the purpose of providing access to a proposed development. This procedure is not intended to limit the factors either Board may deem relevant to the review of such a request.

The adoption of this procedure or an applicant's compliance with its requirements does not guarantee the approval of a Planning Board application or the layout of a road by the Board of Selectmen. Similarly, approval of the request by one Board does not obligate the other to approve the request.

The following procedures are to be taken in the chronological order provided:

### **1. Planning Board**

The applicant applies to the Planning Board for "Design Review" for the proposed Site Plan/Subdivision, as provided in RSA 676:4, II (b). The submission requirements for Design Review are outlined in the Subdivision and Site Plan Review Regulations.

After the Design Review meeting with the Planning Board, the Planning Director will provide a memo to the Applicant outlining any concerns, issues, questions, or comments the Planning Board raised at the meeting that should be addressed by the Applicant. The Planning Director will forward a copy of the memo to the Board of Selectmen, Roads Committee, Conservation Commission, Police Department, Fire Department, and Town Engineer for their information.

### **2. Board of Selectmen**

The Applicant petitions the Board of Selectmen to lay out a class V road over the existing class VI road pursuant to RSA 231:8 and RSA 231:28. (If approved, the layout will have the effect of reclassifying the road as class V).

The application must include the following information:

- 1) Names and addresses of landowners, including those owners listed under RSA 231:10 (tenants for life or years, remaindermen, reversioners, and holders of undischarged mortgages of record whose mortgages are dated not earlier than 20 years prior to the date of filing the petition) who abut the section of the class VI road to be upgraded, and proof of a title search of those properties abutting the portion of Class VI road to be upgraded;
- 2) Fees for title research, abutter notification, and newspaper public hearing notification;<sup>1</sup>
- 3) Plans (10 large copies, and 1 small copy for each abutter) prepared by a licensed engineer, surveyor, and/or wetlands scientist showing:
  - a. Location of the property and abutting properties,
  - b. Location of wetlands, steep slopes, waterbodies, conservation land, and stone walls along and abutting the property and class VI road,
  - c. Layout and design of the road that meets the requirements of §205-41, Appendix B, and Appendix C of the Subdivision Regulations;
- 4) Drainage study and calculations (2 copies) regarding the class VI road;
- 5) Copies of any legal agreements with abutting landowners if additional ROW is required for the design of the road to Town standards, if applicable;
- 6) Explanation of why there is an “occasion” to layout the class V road;
- 7) Other material that is relevant to the proposal; and
- 8) The selectmen may require additional information upon review of the application.

Upon receipt of the application, the Board of Selectmen will send the material to the Fire Department, Police Department, Conservation Commission, Roads Committee, Town Counsel, and the Town Engineer for review and comment. These entities will have 30 days from the date of receipt in which to provide written comment back to the Board of Selectmen of their issues, concerns, and/or comments. Providing this information does not preclude any of the Boards, Commissions, or Departments from further participation before either Board.

Within 60 days of receiving the layout petition, the Board of Selectmen shall hold a public hearing. Notice will be provided to all owners of property abutting the class VI road at least thirty (30) days prior to the public hearing pursuant to RSA 231:10.

As part of the public hearing, a site walk of the proposed layout will be conducted. At the public hearing, the Applicant shall present details of the proposed construction, reconstruction or repairs, and provide information as to the estimated costs unless all such costs are to be borne by the Applicant.

Within 60 days after the scheduled public hearing the Board of Selectmen shall make a determination as to whether to grant the petition subject to conditions of approval or deny the petition. All approvals shall be subject to the following conditions, in addition to any others imposed by the Board of Selectmen:

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<sup>1</sup> Fee amounts for Board of Selectmen process are based on the adopted Planning Board fees



- 1) The town shall not incur any costs associated with upgrading the road to class V construction standards.
- 2) The layout shall not become final until:
  - (a) the Director of Public Works or his agent has determined that the road has been designed to the town's class V road construction standards,
  - (b) the subdivision/site plan plat has been signed by the planning board and recorded at the Merrimack County Registry of Deeds, and
  - (c) following a public hearing, the Board of Selectmen determine all conditions of approval have been met.
- 3) The Applicant shall be liable for all damages pursuant to RSA 231:15 for which the Town may become liable to third parties as a result of the layout.

A written copy of the Board of Selectmen's decision will be provided to the applicant and the Planning Board.

### **3. Planning Board**

The Applicant files the application for Site Plan or Subdivision Review with the Planning Board, in accordance with the Planning Board's regulations and schedules. The application must include the Board of Selectmen's decision approving the layout, including the approved layout configuration.

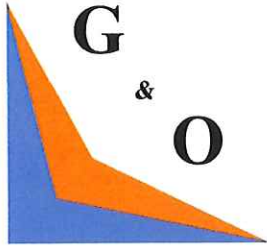
The Planning Board will follow their adopted rules, regulations, and procedures for Site Plan/Subdivision applications and either approve, approve with conditions, or deny the application. Any conditions imposed by the Board of Selectmen as a requirement of the layout shall be included in the Conditions for Planning Board approval.

If the proposed road location, configuration, and/or design are materially altered in the process of review and approval by the Planning Board, the Applicant will need to amend the layout petition to the Board of Selectmen.

### **4. Board of Selectmen**

The applicant shall provide the Board of Selectmen with acceptable evidence that the conditions of the Board of Selectmen's approval of the application to layout the class V road have been met. The Board of Selectmen shall hold a public hearing prior to determining whether the conditions have been met.

Within 20 days of determining to grant the application and lay out a class V road over a class VI road, the Board of Selectmen shall file a return of layout with the Town Clerk pursuant to RSA 231:16.



# HEATING AND AIR CONDITONING

G&O The Right Way To Go!!!

5 Main St. Hooksett NH 03106  
[P]603-485-5942 [F]603-485-7780  
GODOUGJR@GANDOHVAC.COM

## Proposal

**Customer:** Town of Pembroke  
**Address:**  
**Date of Quote:** 7/9/20

G&O Heating and Air Conditioning is pleased to present this proposal to install iWave ionizers on heating and cooling systems throughout the municipality.

**This scope of work includes the required materials and labor:**

### Safety Center

- 4 iWave model R units compatible on systems up to 6 tons (\$600 ea)
- 2 iWave model C units compatible on systems up to 12 tons (\$985 ea)

**Investment \$4,370.00**

### Town Hall

- 2 iWave model M units compatible with mini split systems (\$432 ea)
- 2 iWave model R units compatible on systems up to 6 tons (\$600 ea)

**Investment \$2,064.00**

### Public Librbary

- 2 iWave model R units compatible on systems up to 6 tons (\$600 ea)
- 2 iWave model C units compatible on systems up to 12 tons (\$985 ea)

**Investment \$3,170.00**

## **Town Garage**

- 1 iWave model R unit compatible on systems up to 6 tons (\$600 ea)

**Investment \$600.00**

## **Sloan Optima Sensor Faucets**

**3-Kitchen Faucet – Sloan 3365414BT sensor faucet \$930.00ea = \$2790.00**

**10-Lav Faucet – Sloan 3362118 sensor faucet \$590.00ea = \$5900.00**

## **Terms & Conditions:**

- **Payment Terms:** Fifty percent of the total Proposal price will be due when contract is signed. The remaining balance will be due upon completion of the project.
  - **G&O Heating and Air Conditioning** retains title to the materials and equipment until contract is paid in full.
  - **Equipment warranty** as written by manufacture.
  - **G&O Heating and Air Conditioning** offers a 5-year warranty on equipment, materials and labor in the residential application. (1 year on commercial applications)
  - All equipment warranties by manufacture and **G&O Heating and Air Conditioning** are void if customer does not perform scheduled maintenance recommended by manufacture. **G&O Heating and Air Conditioning** will offer a maintenance program to all customers at close of contract. If maintenance is performed by other, customer must show written verification(s) of maintenance performed to manufacture spec and date of maintenance, or warranty will be void.
  - Also, not covered under warranty are unusual weather conditions, including, but not limited to, ice, snow, high winds, building structural or error caused by other that may inflict damage to the HVAC/R equipment, ductwork and materials installed by **G&O Heating and Air Conditioning**. Construction dust that may cause failure to HVAC/R systems.
  - This proposal is valid for up to 30 days and does not constitute a contract until signed by both parties.
  - If it is determined any of the structure contains any hazardous materials such as but not limited to asbestos; additional removal and disposal costs will be incurred.
  - **G&O Heating and Air Conditioning** is not responsible for electrical/power wiring of equipment, unless agreed upon prior to project start in writing.
  - Upon execution of this contract, Customer agrees to compensate **G&O Heating and Air Conditioning** for industry-wide material or equipment price increases that may be imposed after the execution of this contract and concurrent with **G&O Heating and Air Conditioning**
  - All extras are described as any material or equipment above and beyond the scope of work provided by the customer or designed by **G&O Heating and Air Conditioning** and agreed upon by the **G&O Heating and Air Conditioning**. Extra's also can be described as any change to this existing contract.
  - All extras are to be paid immediately after the extra is completed.
-

**Customer Approval:**

**Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Print Name:** \_\_\_\_\_ **Title:** \_\_\_\_\_

**G&O Heating and Air Conditioning:**

**Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Print Name:** \_\_\_\_\_ **Title:** \_\_\_\_\_



# CALLING ALL MECHANICAL CONTRACTORS

THE iWAVE CAN HELP PROTECT THE AIR  
QUALITY IN COMMERCIAL SPACES

## *iWave* AIR PURIFIERS

### Schools and Universities

- Over 600 K-12 schools and universities currently use iWave
- Fresh air keeps students alert and healthy
- Removes odors from locker rooms, cafeterias, etc.
- Kills mold and bacteria in ice machines (iWave-M)
- Outside air can be reduced to average of 5 cfm per student according to ASHRAE 62.1

### Healthcare and Dental Facilities

- Numerous applications in the healthcare field
- Kills bacteria and viruses throughout facility
- Fresh, healthy air aids patient recovery
- Kills mold and bacteria in ice machines (iWave-M)

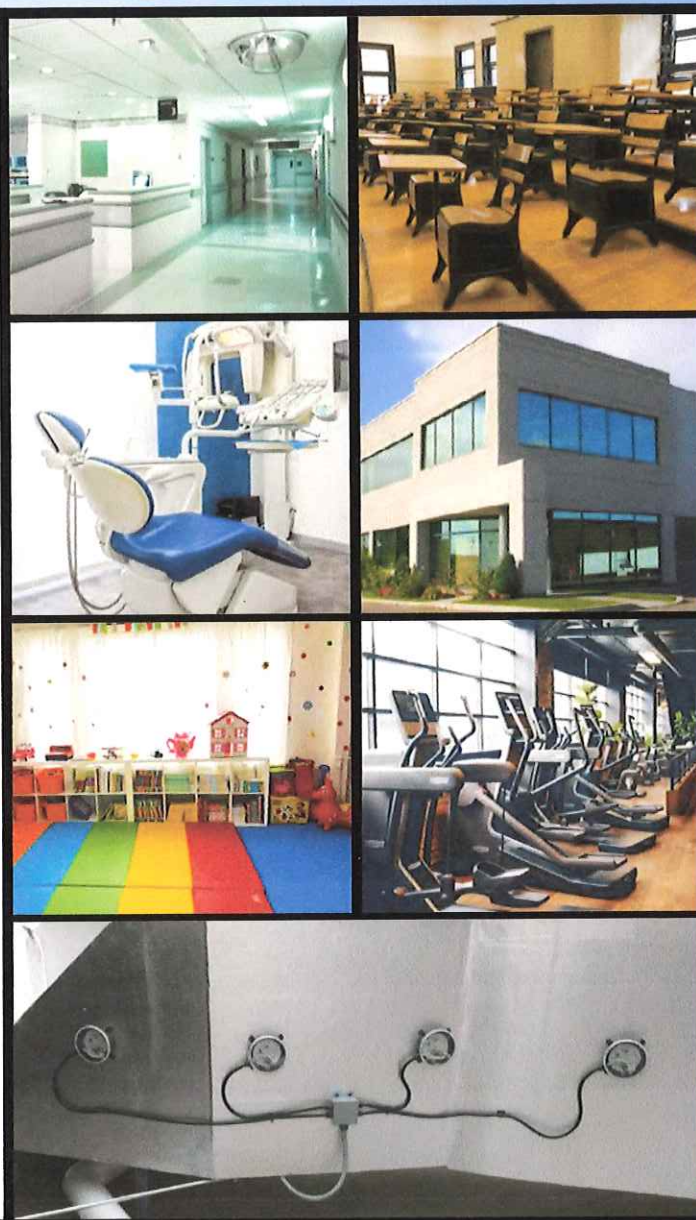
### Office Buildings

- Keeps employees healthy, increasing productivity
- Reduces odors, allergens, smoke and dust particles
- Reduces static electricity that can harm data systems
- Safely freshens air throughout the building

### Other Businesses

iWave helps preserve the health and safety of employees and customers in a wide variety of businesses, including:

- Restaurants
- Fitness facilities
- Manufacturing plants
- Theme parks, hotels and hospitality
- Government facilities
- Daycare and nursing homes
- Agriculture
- New construction



iWave kills mold, bacteria and viruses... plus it reduces odors, allergens, smoke, static electricity and dust particles. iWave requires no maintenance and has no harmful byproducts, safely cleaning the air in your facility. With over 200,000 installations worldwide, iWave is the #1 air purifier for institutions.



# HOW iWAVE® WORKS

iWave is an air purifying device that installs in any air conditioning or heating system. When air passes over the iWave, ions produced by the device reduce pathogens, allergens, particles, smoke and odors in the air, creating a healthy environment without producing any harmful byproducts.

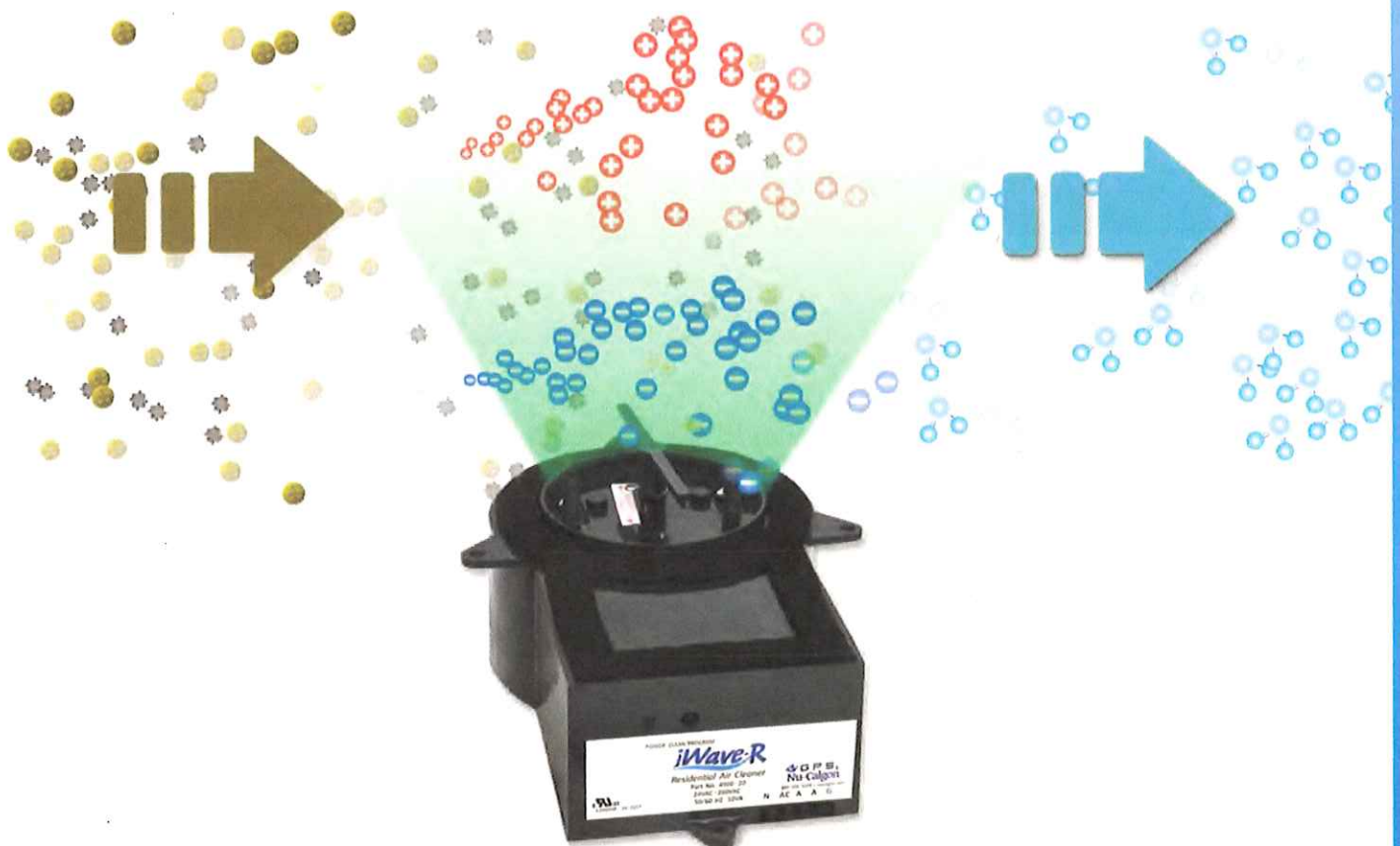
iWave uses needle-point bi-polar ionization with patented and patent pending features to create equal amounts of positive and negative ions. When these ions are injected into the air stream and the breathable air space, they break down passing pollutants and gases into harmless compounds like oxygen, carbon dioxide, nitrogen and water vapor (see illustration below).

When the ions come in contact with viruses, bacteria or mold, their reaction decomposes proteins on the surface of these pathogens, thereby inhibiting their activity. The ions also attach to allergens like pollen and other particles like dust and dander, causing them to band together until they are large enough to be caught by your ventilation system's air filter.

iWave's technology generates the same ions that nature creates with lightening, waterfalls, ocean waves, etc. Nature uses energy to break apart molecules, naturally cleaning the air and producing a healthy environment. The only difference between the iWave's technology and nature is that the iWave does it without developing harmful ozone.

**POLLUTED AIR**

**CLEAN AIR**



**IWAVE ION GENERATOR**











## iWAVE® REDUCES OR KILLS THESE PATHOGENS

EMSL Labs, a laboratory rated as "Elite" by the Center for Disease Control, and ATS Labs have tested the effectiveness of iWave products against the pathogens listed below. All testing was done in a large environmental chamber in an effort to simulate a home environment. The testing resulted in very high kill rates "in the space."

You'll find iWave's advanced technology provides the most effective air purification method. Other common air purification technologies require ongoing maintenance with bulb/cell replacement every year or two, making the cost of ownership undesirable. iWave air purifiers have no harmful byproducts, and most models require no ongoing maintenance and have no replacement parts. In fact, with the iWave's patent-pending self-cleaning design, you can enjoy years of maintenance-free performance.

## iWAVE AIR PURIFIERS REDUCE THESE DEADLY PATHOGENS

	STAPH	About 25% of people normally carry Staph in the nose, mouth or other areas of the body. The foot is also very prone to picking up bacteria from the floor.	STAPH – Reduced 96.24% after 30 minutes of iWave purification
	MRSA	MRSA is a Staph germ that does not get better with first-line antibiotics. Once the Staph germ enters the body, it can spread to bones, joints, blood or any organ.	MRSA – Reduced 96.24% after 30 minutes of iWave purification
	E.COLI	E. coli is commonly found in the lower intestine of warm-blooded organisms. Most E.coli strains are harmless, but some serotypes can cause serious food poisoning in humans.	E.COLI – Reduced 99.68% after 15 minutes of iWave purification
	CLOSTRIDIUM DIFFICILE (C.DIFF)	C.diff bacteria release toxins that can cause diarrhea, with abdominal pain that can become severe. In rare cases, this can progress to a life-threatening condition.	C.DIFF – Reduced 86.87% after 30 minutes of iWave purification
	TUBERCULOSIS (TB)	TB most commonly affects the lungs but also can involve almost any organ of the body. Tuberculosis can usually be treated successfully with antibiotics.	TB – Reduced 69.01% after 60 minutes of iWave purification
	AIRBORNE MOLD SPORES	Airborne mold spores are invisible to the eye, and they can easily flow through different areas of the home, especially through heating and cooling system ducts, causing allergic reactions, asthma episodes, eye irritations, sinus congestion and other respiratory problems.	AIRBORNE MOLD SPORES – Reduced 99.5% by iWave purification as tested by Green Clean Air. 
	LEGIONELLA PNEUMOPHILA	Legionella outbreaks are associated with large or complex water systems like those found in hospitals, hotels and cruise ships. Symptoms include coughing, shortness of breath, muscle aches, headache and fever. Most make a full recovery, but the CDC reports 1 out of 10 people who get the disease will die from the infection.	LEGIONELLA PNEUMOPHILA – Reduced by 99.71% from a solid surface after 30 minutes of iWave purification

## iWave addresses these VOCs and more!

Xylene  
Styrene  
Methyl Ethyl Ketone  
Ammonia

Acetaldehyde  
Ethyl Alcohol  
Formaldehyde  
Butanal



## Advantages of iWave® Technology Over Two Common Market Approaches:

Feature	iWave	UVPCO Ionizers	UV Lights
Kills pathogens downstream	Yes	Yes	Only line-of-sight pathogens
Controls odors	Yes	Yes	No
Reduces airborne particles	Yes	Poor <sup>1</sup>	No
Replacement parts Required	No	UV cell replaced every 1-2 years	Bulb replaced every 1-2 years
Self-cleaning options	Yes	No	No
Performance	Self-cleaning provides continual peak performance	Fades with UV output	Fades with UV output
Harmful byproducts	No	Creates ozone & other byproducts <sup>2</sup>	Some bulbs emit ozone
Cleans entire depth of coil	Yes	Yes	Cleans only one side
Mercury in airstream	No	Yes	Yes
Energy required	< 10 watts	> 60 watts	> 60 watts
Universal voltage	Most models	Most models don't	No
Robust construction	Solid state design	UV bulbs can break	UV bulbs can break
UV material breakdown	No	UV lights hard on materials	UV lights hard on materials
Contains Titanium Dioxide	No	Some Models	No
Three Year Limited Warranty <sup>3</sup>	Yes	Replace parts in 1-2 years	Replace parts in 1-2 years

<sup>1</sup> Based on third party data comparing market technologies.

<sup>2</sup> ASHRAE position document on filtration and air cleaning, January 2015

<sup>3</sup> Nu-Calgon offers a three-year limited warranty on iWave products. For a valid warranty claim within three years, proof of purchase and proof of installation by a licensed HVAC or electrical contractor must be provided. See full warranty for complete details.



**iWave®-C**  
**4900-10**

Self-cleaning air purifier for commercial and institutional HVAC systems (up to 12 tons). Multiples can be used in larger systems.



**iWave®-R**  
**4900-20**

Self-cleaning air purifier for residential and commercial HVAC systems (up to 6 tons), including small rooftop units.



**iWave®-M**  
**4900-35**

Flexible air purifier for ice machines, ductless HVAC systems, VRF, Mini-Split and P-Tac units.

## SCHOOL TESTIMONIAL

Gwinnett County Schools in Suwanee, GA, have been using iWave products for over two years. They have been installed in new construction and renovated buildings. We have successfully used them in trouble areas that were experiencing odor issues. The advantages we have found using iWave air purifiers are 1) the units require no maintenance after installation, 2) we have reduced our outside air requirement by over half and still meet code, saving energy costs and 3) no units have failed. Overall, the air in the buildings with iWave units seems fresher. Personnel in schools with iWave equipment have reported to us that they notice a difference in the indoor air quality.

– Energy Management Technician at Gwinnett County Schools.



2611 Schuetz Rd. | St. Louis, MO 63043 | 800-554-5499 | [www.nucalgon.com](http://www.nucalgon.com)  
Calgon is a licensed trade name. (0520) 20-C180



**CODE NUMBER**

3315010BT

**DESCRIPTION**

4" Trim Plate, Battery Power Supply, Back-Check Tee, Polished Chrome Finish, 0.5 gpm, Multi-Laminar Spray, Infrared Sensor, Smart Faucet, Optima® Battery-Powered Deck-Mounted Mid Body Faucet.

**DETAILS**

- Flow Rate: 0.5 gpm (2 Lpm) (0.5GPM)
- Spray Type: Multi-Laminar (MLM)
- Sensor Type: Infrared (IR)
- Mounting Type: Single Hole
- Trim Plate: 4" (102mm) (4)
- Power Supply: Battery (BAT)
- Temperature Mixer: Back-Check Tee (TEE)
- Finish: Polished Chrome (CP)
- Factory Default Timeout: 30s
- Factory Default GPC: 0.25

**FEATURES**

Commercial Grade Faucet, ADA Compliant, Cast Brass Spout, Quick Connect Fittings, Integrated Water Shut-off, Wireless Settings Adjustment, On-demand or Metered activation, Hygienic Line Flush, Water Usage and Battery Strength Reporting, Self-adapting Sensor

**ELECTRICAL SPECIFICATIONS**

- Battery Life: 3 years 8,000 cycles/month
  - Optional power harvesting significantly extends service life
- Self-Adjustment Range: 2"-8" (51-203mm)
- Sensor Range: 4"-5" (102-127mm)
- Timeout Adjustment Settings: 30s

**POWER SUPPLY OPTIONS**

- 6VDC Plug Adapter (sold separately)\*
- 6VDC Ganged Adapter Kit (up to 6 units)(sold separately)\*
- 24VAC Box Transformer (up to 3 units)(sold separately)\*
- Optional Turbine Energy Harvesting

\* when converting units to hardwired with battery back-up

**VIDEOS**

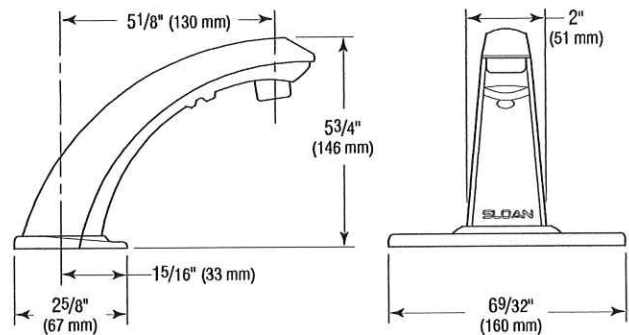
- Optima Faucet App
- Sloan Optima Below Deck Faucet

**DOWNLOADS**

- [Optima Smart Faucet Below Deck Installation Instructions](#)
- [ETF-80/880 and EBF-85/187 Below Deck Repair and Maintenance Guide](#)
- [Faucet Spray Heads Repair and Maintenance Guide](#)
- [Additional Downloads](#)



Variations not shown: 4" Trim Plate



**COMPLIANCES & CERTIFICATIONS**



(ADA Compliant, ASME A112.18.1 Compliant, CalGreen Compliant, CEC Compliant, cUPC Certified, cUPC Low Lead Compliant, GPC 0.25 or less, NYC604.4, Proposition 65, TAS, UPC Certified, UPC Low Lead Compliant)

**RECOMMENDED SPECIFICATION**

Faucet shall include cast brass body, quick-connect fittings, twist-off/shut-off solenoid assembly, removable battery cartridge, flexible power supply and allow adjustment of settings wirelessly via Apple or Android smartphones.

**NOTES**

All information contained within this document subject to change without notice.

Looking for other variations of the EBF-85 product? [View the general spec sheet with all options.](#)

[Find a matching soap dispenser](#) for this faucet.

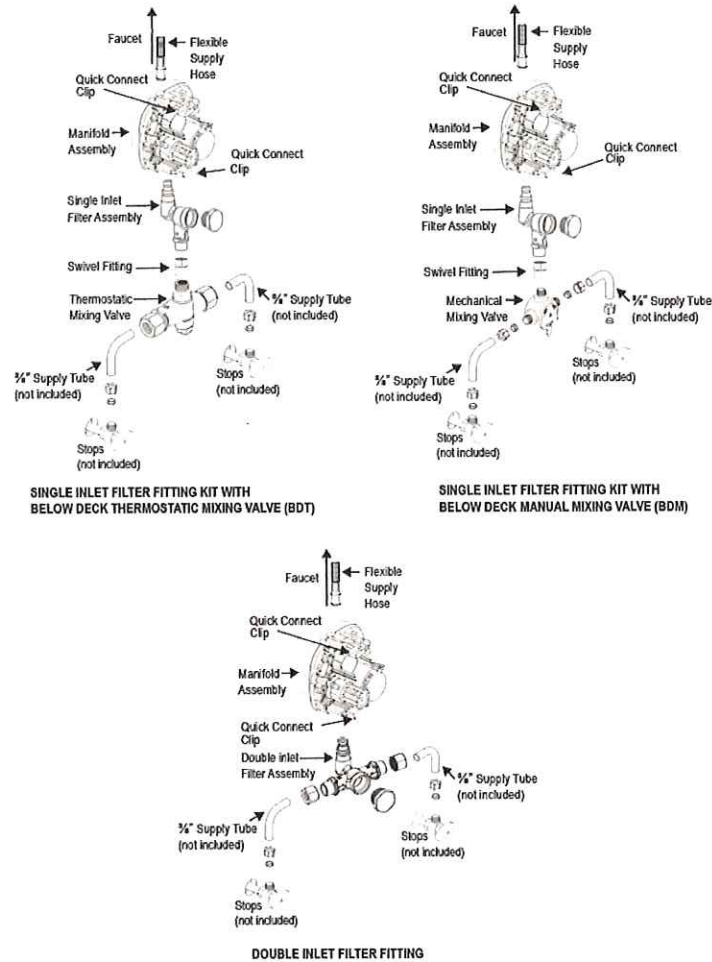
[Find a compatible sink](#) for this faucet.

**Sloan 10500 Seymour Ave, Franklin Park, IL 60131**  
 Phone: 800.982.5839 • Fax: 800.447.8329 • [sloan.com](http://sloan.com)

**WARRANTY**

3 Year

**ROUGH-IN**



**Sloan 10500 Seymour Ave, Franklin Park, IL 60131**  
Phone: 800.982.5839 • Fax: 800.447.8329 • [sloan.com](http://sloan.com)

#### CODE NUMBER

3365414BT

#### DESCRIPTION

8" Trim Plate, Plug Adapter Power Supply, Above Deck Mixer, Polished Chrome Finish, 2.2 gpm, Laminar Spray, Infrared Sensor, Smart Faucet, Optima® Hardwired-Powered Deck-Mounted Gooseneck Body Faucet.

#### DETAILS

- Flow Rate: 2.2 gpm (8 Lpm) (2.2GPM)
- Spray Type: Laminar (LAM)
- Sensor Type: Infrared (IR)
- Mounting Type: 8" Centerset
- Trim Plate: 8" (203mm) (8)
- Power Supply: Plug Adapter (PLG)
- Temperature Mixer: Above Deck Mixer (ADM)
- Finish: Polished Chrome (CP)
- Factory Default Timeout: 30s
- Factory Default GPC: 1.1

#### FEATURES

Commercial Grade Faucet, ADA Compliant, Cast Brass Spout, Quick Connect Fittings, Integrated Water Shut-off, Wireless Settings Adjustment, On-demand or Metered activation, Hygienic Line Flush, Water Usage and Battery Strength Reporting, Self-adapting Sensor

#### ELECTRICAL SPECIFICATIONS

- Battery Life: 3 years 8,000 cycles/month
  - Optional power harvesting significantly extends service life
- Self-Adjustment Range: 0" (0mm)
- Sensor Range: 0" (0mm)
- Timeout Adjustment Settings: 30s

#### POWER SUPPLY OPTIONS

- 6VDC Plug Adapter (included with PLG models)
- 6VDC Ganged Adapter Kit (up to 6 units)(sold separately)
- 24VAC Box Transformer (included with BOX models)

#### VIDEOS

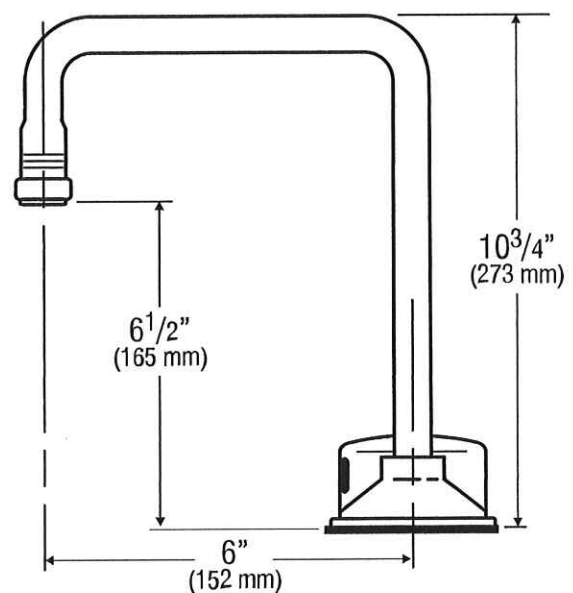
- ▶ Optima Faucet App
- ▶ Sloan Optima Below Deck Faucet

#### DOWNLOADS

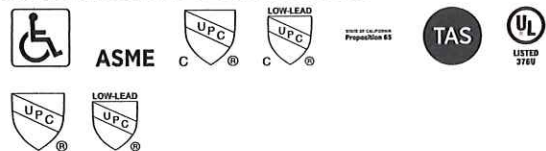
- [Optima Smart Faucet Below Deck Installation Instructions](#)
- [Trim Plate Guide](#)
- [Faucet Spray Heads Repair and Maintenance Guide](#)
- [ETF-770/EBF-775 Below Deck Repair and Maintenance Guide](#)
- [Additional Downloads](#)



Variations not shown: Above Deck Mixer with 8" Trim Plate



#### COMPLIANCES & CERTIFICATIONS



(ADA Compliant, ASME A112.18.1 Compliant, cUPC Certified, cUPC Low Lead Compliant, Proposition 65, TAS, UL Certified, UPC Certified, UPC Low Lead Compliant)

#### RECOMMENDED SPECIFICATION

Faucet shall include cast brass body, quick-connect fittings, twist-off/shut-off solenoid assembly, removable battery cartridge, flexible power supply and allow adjustment of settings wirelessly via Apple or Android smartphones.

#### NOTES

All information contained within this document subject to

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change without notice.

Looking for other variations of the ETF-770 product? [View the general spec sheet with all options.](#)

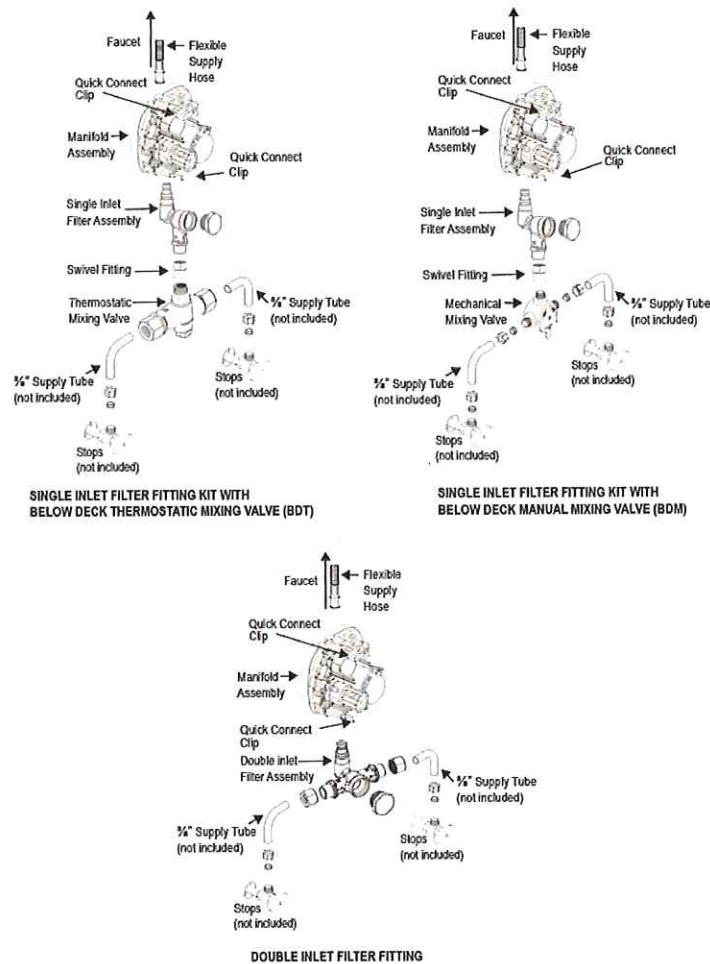
[Find a matching soap dispenser](#) for this faucet.

[Find a compatible sink](#) for this faucet.

**WARRANTY**

3 Year

**ROUGH-IN**



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**BOARD OF SELECTMEN  
TOWN OF PEMBROKE, NH  
JULY 20, 2020 at 6:30 PM**

**DRAFT**

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Present: Chairman Ann Bond, Selectman Mike Crockwell, Selectmen Richard Bean, Selectman Karen Yeaton, Selectman Sandy Goulet

Staff: Town Administrator David Jodoin

**I. Call to Order:**

Selectman Bond called the meeting to order at 6:31 pm.

**II. Citizen Comment:**

None

**III. Scheduled Meetings:**

Supervisor of the Checklist

Robin Lounsbury and Linda Williams have sent letters of resignation from the Supervisor of the Checklist leaving three open positions. The Town Moderator will need to appoint two people and they will have to have a meeting after being sworn in in order to appoint the third person. Iris Altilio called into the meeting and will be returning to the Supervisors of the Checklist and Selectman Yeaton has recruited two other residents, Kris Erkkila and Debbie Pellisier, who attended the meeting in person.

Fireworks Discussion

There have been many complaints called into both the Fire and Police Departments. The apartments across the river from the village area in Allenstown and residents of the village area are causing the majority of the complaints. Police Chief Gilman has discussed the issue with the Chief of Police in Allenstown. Chief Gilman stated a lot of the complaints are coming in via Facebook Messenger. The fireworks are being set off just before the town ordinance expires at 10pm. The Chief in Allenstown has gone to their Selectmen to see if they will do anything to help with the load of complaints they are receiving and their Board has decided not to do anything at this point. Fireworks sales have tripled across the country and there is a lack of restriction on the type of fireworks being sold and set off in New Hampshire. With the proximity to Allenstown, if the two towns do not both pass a new ordinance, then they will not see much change. Selectman Yeaton asked if the Allenstown Chief shared why the Selectman chose to not take any action. Chief Gilman stated that he

did not get any feedback as to why other than they do not want to take up the issue right now. Selectman Bond asked how the issue is seen from the Fire Department's standpoint. Fire Chief Harold Paulsen stated that they do not get into the enforcement issues but from a safety point of view, statistically the biggest injury is from sparklers. There have very few instances throughout the years where fires have been involved. The Board decided to leave the ordinance as is and if residents have concerns, they can draft a petitioned warrant article and bring it to Town Meeting.

#### Chief Gilman – Capital Reserve and Cruiser Purchases

Three bids came in for the cruiser. There are 25 cruisers coming to Irwin Motors in Laconia in the fall and Pembroke is 2<sup>nd</sup> on the waiting list. The cost came in at \$32,807 and does not take into consideration the outfitting of the vehicle with the police equipment and striping. If they miss the opportunity at Irwin, the cost will start to rise because they will be ordering a 2021 vehicle and they are not sure how long it would take to come in.

Selectman Bean made a motion to approve the purchase of two new police cruisers with Irwin Motors for \$32,807 each. Selectman Goulet seconded the motion. Motion passed 5-0.

Chief Gilman discussed the parking issues in the Village. The Chief reached out to all the business owners who have concerns that their customers have nowhere to park. The residents of the area also have nowhere to park. The municipal lots have 45-47 spaces combined and the Chief counted all the apartments who have to use this lot and there are over 100 with two+ cars each. Chief Gilman urged the Selectman to start thinking about a plan for parking. Selectman Bean suggested talking with TD Bank about the use of their lot. David explained that they have been approached in the past and they do not want the liability and they plow their own lot and do not want to have to work around residents.

Chief Gilman also discussed the activity and vandalism happening at White Sands. There are a lot of out of town and out of state cars being parked where they are not supposed to be. Money is being spent on replacing signage and patrolling. The signs are being pulled down, broken, and graffiti on them. There is a camera at the pump station but it is not angled correctly. They are going to lower the current signage that states permit parking only and put it at a more eye level and are adding the green conservation land signs. Selectman Crockwell suggested putting a permit parking only sign at the beginning of the road before someone would drive down White Sands Road. Chief Gilman suggested looking into the liability of the Town allowing, inviting, and encouraging the parking and swimming at White Sands. Swimming is not allowed at Memorial Field and they are able to see it and easily get to people in an emergency situation. They are not able to see or easily get to anyone at White Sands.

#### **IV. Non Public:**

Motion made by Selectman Crockwell to enter non-public session in accordance with RSA 91-A:3II(c) Matters of which, if discussed in public, would likely affect the reputation of any person, other than a member of the public body itself, unless such person requests an open meeting. The exemption shall extend to include any application for assistance or tax abatement or waiver fee, fine or other levy, if based on inability to pay or poverty of the applicant at 7:13pm, seconded by Selectman Goulet

Roll Call Vote:

Selectman Yeaton  
Selectman Bean  
Selectman Goulet  
Selectman Crockwell  
Selectman Bond

The Board came out of non-public session at 8:25pm.

#### **V. Old Business**

None

#### **VI. New Business:**

##### Trail Dawgs Land Owner Permission

Selectman Crockwell made a motion to authorize the Town Administrator to sign the Grant in Aid Project Certificate with the State of New Hampshire for the Trail Dawgs. Selectman Bond seconded the motion. Motion passed 4-0.

##### Loader Purchase

Selectman Goulet made a motion to purchase the Volvo Front End Loader from Chadwick/Baross and attachments with a sum not to exceed \$165,000. Selectman Bean seconded the motion. Motion passed 5-0.

##### Resignation

Sharon Wickens sent a letter of resignation from the Trustee of Trust Funds effective August 12, 2020 as she will be moving out of Town.

With Sharon stepping away, this leaves two open spots on the Trustee of Trust Funds.

### Appointments

Selectman Crockwell made a motion to appoint Gerry Fleury, Wendy Weisigner, and Sally Hyland to the Solid Waste Advisory Committee seconded the motion. Motion passed 4-0.

### State of NH PA-28 Form

Selectman Crockwell made a motion to notify the State of New Hampshire that they will not be using the PA-28 Form for 2020/2021. Selectman Yeaton seconded the motion. Motion passed 4-0.

### Manifests/Abatements

Selectman Yeaton made a motion to approve the manifests and abatements as presented. Selectman Bean seconded the motion. Motion passed 4-0.

### Minutes 7/6/20, Non-Public 7/6/20

Selectman Bean made a motion to approve the minutes of July 6, 2020 as presented. Selectman Yeaton seconded the motion. Motion passed 4-0.

Selectman Crockwell made a motion to approve the minutes of July 6, 2020 as presented. Selectman Yeaton seconded the motion. Motion passed 4-0.

## **VII. Town Administrator Report:**

David received an email from Paulette Malo at the Sewer Department discussing the status of the Intermunicipal Agreement (IMA) with Allenstown. She received a notice from Allenstown that they working with CMA (their Engineer) to alter the document. They are at their third revision and after one more, it will be sent to their attorney for review.

San-Ken postponed the public hearing with Planning Board that was supposed to be held next Tuesday and will now be held in August. They received the hydrology report and they have not had enough time to file a response. Mr. Mrazik sent another letter contesting the development.

## **VIII. Committee Reports:**

Selectman Bond – The Master Plan is ready and on the Town Website. Planning is discussing the MS-4 Stormwater Permitting and the lot line adjustment for the Whittemore property will also be discussed on Tuesday.

Selectman Bean – Rose Galligan is concerned about Soccer and the lining of the fields. The Solid Waste Committee met and discussed touring the Allenstown



facility, educational opportunities with recycling and composting, and what avenue to take going forward considering privatization vs. the current method with Casella.

Selectman Crockwell – They will be discussing the San-Ken hydrology study.

Selectman Yeaton – Roads Committee met and they discussed the full depth reclamation asphalt stabilization project on North Pembroke Road. They discussed Buck Street culvert replacements, MS-4 permit culvert replacement costs, and had a conversation with CNRPC/UNH on asset management. They also discussed the 5-year paving plan for CIP. Budget Committee met and discussed the School District Re-Opening survey that was sent out, the amount of funds that will be returned for tax relief, the loss of town revenues, and the new developments in town that will impact the tax rolls.

**IX. Other/Citizen Comment:**

None

**X. Adjourn:**

Motion by Selectmen Yeaton, seconded by Selectmen Crockwell to adjourn at 9:03 PM. Motion Passes 4-0.

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Ann Bond, Chairman

For more detailed information, the meetings are now taped and can be seen on [www.townhallstreams.com](http://www.townhallstreams.com) click on Pembroke NH and look for the day of the meeting under the month.

**BOARD OF SELECTMEN  
TOWN OF PEMBROKE, NH  
JULY 23, 2020 at 6:00 PM**

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Present: Chairman Bond, Selectmen Sandy Goulet, Selectman Mike Crockwell, Selectmen Richard Bean, Selectman Karen Yeaton

Staff: Town Administrator David Jodoin

**I. Call to Order:**

Chairman Bond called the meeting to order at 6:00 pm.

**II. Non-Public Session**

Motion by Selectman Crockwell to enter non-public session in accordance with RSA 91-A:3 II (b) The hiring of any person as a public employee. Seconded by Selectman Yeaton at 6:01pm.

Roll Call Vote:

Chairman Bond	Yes
Selectmen Goulet	Yes
Selectman Yeaton	Yes
Selectman Bean	Yes
Selectman Crockwell	Yes

The Board came out of non-public session at 8:44 PM

**III. Adjourn:**

Motion by Selectman Crockwell, seconded by Selectmen Yeaton to adjourn at 8:44 PM. Motion Passes 5-0.

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Ann Bond, Chairman

For more detailed information, the meetings are now taped and can be seen on [www.townhallstreams.com](http://www.townhallstreams.com) click on Pembroke NH and look for the day of the meeting under the month.

**BOARD OF SELECTMEN  
TOWN OF PEMBROKE, NH  
JULY 27, 2020 at 6:00 PM**

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Present: Chairman Bond, Selectmen Sandy Goulet, Selectman Mike Crockwell, Selectmen Richard Bean,

Excused:       Selectman Karen Yeaton

Staff: Town Administrator David Jodoin

**I.     Call to Order:**

Chairman Bond called the meeting to order at 6:00 pm.

**II.    Non-Public Session**

Motion by Selectman Crockwell to enter non-public session in accordance with RSA 91-A:3 II (b) The hiring of any person as a public employee. Seconded by Selectman Goulet at 6:01pm.

Roll Call Vote:

Chairman Bond	Yes
Selectmen Goulet	Yes
Selectman Bean	Yes
Selectman Crockwell	Yes

The Board came out of non-public session at 7:47 PM

**III.   Adjourn:**

Motion by Selectman Crockwell, seconded by Selectmen Goulet to adjourn at 7:47 PM. Motion Passes 4-0.

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Ann Bond, Chairman

For more detailed information, the meetings are now taped and can be seen on [www.townhallstreams.com](http://www.townhallstreams.com) click on Pembroke NH and look for the day of the meeting under the month.

**BOARD OF SELECTMEN  
TOWN OF PEMBROKE, NH  
JULY 29, 2020 at 6:00 PM**

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Present: Chairman Bond, Selectmen Sandy Goulet, Selectman Mike Crockwell, Selectmen Richard Bean, Selectman Karen Yeaton

Staff: Town Administrator David Jodoin

**I. Call to Order:**

Chairman Bond called the meeting to order at 6:05 pm.

**II. Non-Public Session**

Motion by Selectman Goulet to enter non-public session in accordance with RSA 91-A:3 II (b) The hiring of any person as a public employee. Seconded by Selectman Crockwell at 6:05pm.

Roll Call Vote:

Chairman Bond	Yes
Selectmen Goulet	Yes
Selectman Bean	Yes
Selectman Crockwell	Yes
Selectmen Yeaton	Yes

The Board came out of non-public session at 8:29 PM

**III. Adjourn:**

Motion by Selectman Goulet, seconded by Selectmen Yeaton to adjourn at 8:29 PM.  
Motion Passes 4-0.

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Ann Bond, Chairman

For more detailed information, the meetings are now taped and can be seen on [www.townhallstreams.com](http://www.townhallstreams.com) click on Pembroke NH and look for the day of the meeting under the month.

357 Pembroke Hill Rd  
Pembroke, NH 03275

July 27, 2020

CERTIFIED MAIL

Planning Board  
Town of Pembroke  
311 Pembroke St.  
Pembroke NH 03275

RECEIVED

JUL 30 2020

TOWN OF  
PEMBROKE, NH

Dear Planning Board Members,

I am hereby submitting the following additional written testimony for the continued Public Hearing in regard to Major Subdivision Application #19-03, San-Ken Homes, Inc., Tax Map 262, Lots 43 & 45 located at 373 Fourth Range Road.

The applicant's Subdivision Plan must be rejected by the Planning Board because it does not conform to Sections 205-3A, 205-45A, 205-46A of the Town Subdivision Code. If the Board does not address these issues prior to approval of the Subdivision Plan, I intend to pursue legal means to void the approval on the bases discussed below.

In accordance with **RSA 674:36 II(a)**, the Town of Pembroke has adopted Section 205-3A of its subdivision code; the purpose of which is to *"Provide against such scattered or premature subdivision of land as would involve danger or injury to health, safety, or prosperity by reason of the lack of water supply, drainage, transportation, schools, fire protection, or other public services, or necessitate the excessive expenditure of public funds for the supply of such services"* (emphasis added). Section 205-45A of the Town Subdivision Code requires that "All developments shall make adequate provision for a supply of potable water for domestic consumption..." Section 205-46A requires that "All developments shall make adequate provisions for sanitary sewage disposal facilities..."

On January 14, 2020 a "Hydrology Assessment" report, funded by the developer, was prepared by HydroSource Associates, Inc. in response to the concerns expressed in public hearings regarding the adequacy of the water supply and potential adverse impacts of the proposed development on water quantity and quality in the vicinity of Pembroke Hill. As a result of continued public outcry, the Planning Board subsequently contracted with Aries Engineering for a review of this report and an independent hydrology study. The Aries report was provided to the Town on or about July 12, 2020. I received a copy of this report on July 17. Summarized below are the most pertinent findings of this review and my comments regarding them.

#### **General Site Characterization**

The Aries report identified the development site soils as characterized by high water table, slow infiltration, and a shallow depth to bedrock. These are conditions that generally raise concerns regarding the use of individual on-site septic systems. The Aries report also identified the bedrock type in the area as strongly associated with the presence of arsenic in groundwater above 5 parts per billion, which will be the New Hampshire groundwater standard in 2021. This

condition raises concerns regarding the use of untreated water from individual on-site wells as the drinking-water source for the subdivision.

### **Concerns with the Developer's Hydrologic Assessment**

The following table compares estimates of the sustainable groundwater supply and demand imposed by existing development, and the proposed subdivision, as prepared by Hydrosource and Aries. Note that the independent Aries study estimates significantly less water availability and significantly greater water demand than that estimated by the developer's consultant. Also note that neither analysis considered the impacts of potential future subdivisions of similar densities in the watershed. Wise planning should consider the ultimate development scenario.

Analyst	Watershed Size Acres	Recharge Rate Gallons Per Min.	Usage Rate Gallons per Day per Unit	Usage as % of Recharge
Hydrosource	475 acres	196 GPM	450 GPD	13%
Aries	177 acres	73 GPM	600 GPD	41%

### **Potential Impacts of the Proposed Subdivision.**

Aries concludes that "...the density and intensity of use proposed for the OSD subdivision presents a real threat to site groundwater quality and quantity, and has the potential to adversely impact future owners in both the proposed subdivision, and to a lesser extent, abutters proximate to the proposed development..." In particular, the following adverse impacts are cited:

Declining water levels in wells. Aries concludes that the groundwater recharge rate in the proposed development area (76.2 acres) is unlikely to keep pace with the pumping demand of the 56 units, resulting in a drop in bedrock well-water levels. They also conclude that this effect will be exacerbated by the construction of roads and a 12% conversion of lots to impervious surfaces. The lowering of water levels in the bedrock aquifer is likely to require the need for redrilling of some wells sometime after the units are occupied. It is also possible that abutter's wells proximate to the subdivision will be impacted.

Potential for contamination of wells. Aries noted that eight lots have wells with overlapping protective radii that increases the potential for well interference effects and should be avoided. Overlapping cones of groundwater-level depression from clustered wells increases the likelihood of septic effluent being drawn into the wells. Aries concludes that the potential recycling of septic wastewater poses a threat of contamination from bacteria, nitrate and other chemicals found in septic leachate. Also, the developer's engineer (Rokeh Consulting, LLC) used 'average' lot sizes and contiguous areas to determine well and septic placements in this open-space subdivision. As a result, Aries concludes that the proposed lot configurations, while meeting the technicalities of State subdivision regulations, do not meet their intent. Some 12 individual lots did not have sufficient contiguous area for a septic system and 7 individual lots did not meet the minimum lot size requirements. The use of averaging in this manner increases the likelihood of contamination and circumvents the State standard.

### **Recommendations**

As a professional hydrologist and formerly licensed Professional Geologist in the State of New Hampshire, I agree with every recommendation made in the Aries report. By letter dated January

20, 2020, I advised the Board of the dangers of drinking-water contamination in a subdivision of this magnitude and density with on-site wells and septic systems. In the same letter, I also advised the Board of the high probability of arsenic levels in groundwater at the site that exceeds State standards soon to go into effect. Furthermore, I stated the need for a community water system, rather than individual wells, to avoid these problems. I hope that that the independent review by Aries heightens the Board's awareness of the serious shortcomings of the proposed subdivision with regard to water supply and wastewater.

Thank you for consideration of my testimony.

Sincerely,



Brian R. Mrazik

Cc: Board of Selectmen