

# SAFD2 Phase II Water Main Extension

Town of Alburgh





# Team Members

## South Alburgh Fire District #2 (SAFD2):

- John Fitzgerald, Chair
- Alton Bruso, Member
- Tony Speranza, Member
- Richard Ernst, Treasurer
- Danielle James Choiniere, Administrative Assistant

## DuBois & King, Inc. (D&K):

- Galen Hagen, P.E., Project Manager
- Chuck Goodling, P.E., Project Principal



# How to get in touch with SAFD2

Project info for South Alburgh Fire District #2 can be found on our web page: <http://www.safd2.org/>

**Expect website updates including this presentation and associated documents by 1/17/2022!**

You can contact us by eMail at: [safd2committee@gmail.com](mailto:safd2committee@gmail.com)

We routinely send information via eMail: This is the quickest, most reliable way to stay informed.

We are trying to get all customers (and potential customers) added to our eMail Distribution List.

**PLEASE send a quick eMail to:** [safd2committee@gmail.com](mailto:safd2committee@gmail.com)

Include in this eMail:

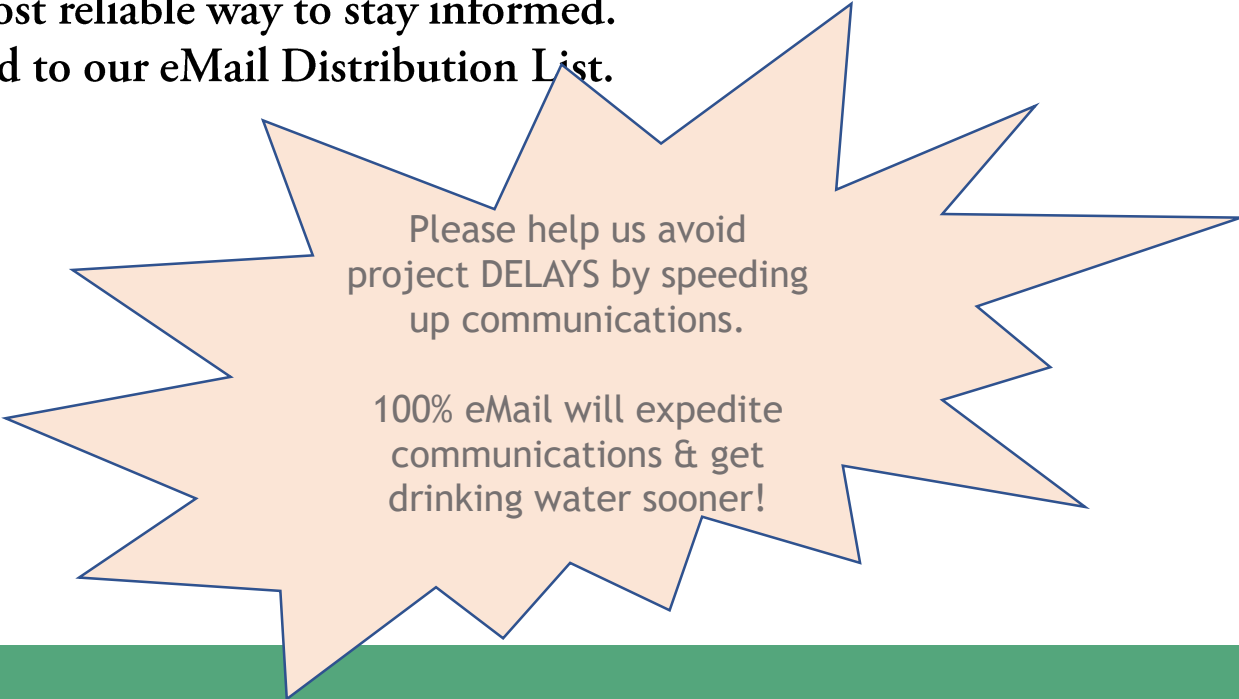
**Full Name**

**Phone Number**

**Alburgh Address**

**Parcel Number (Ex. FP129)**

**Mailing Address (if different then your Alburgh Address)**



Please help us avoid  
project DELAYS by speeding  
up communications.

100% eMail will expedite  
communications & get  
drinking water sooner!

# SAFD2 Phase I Water Main

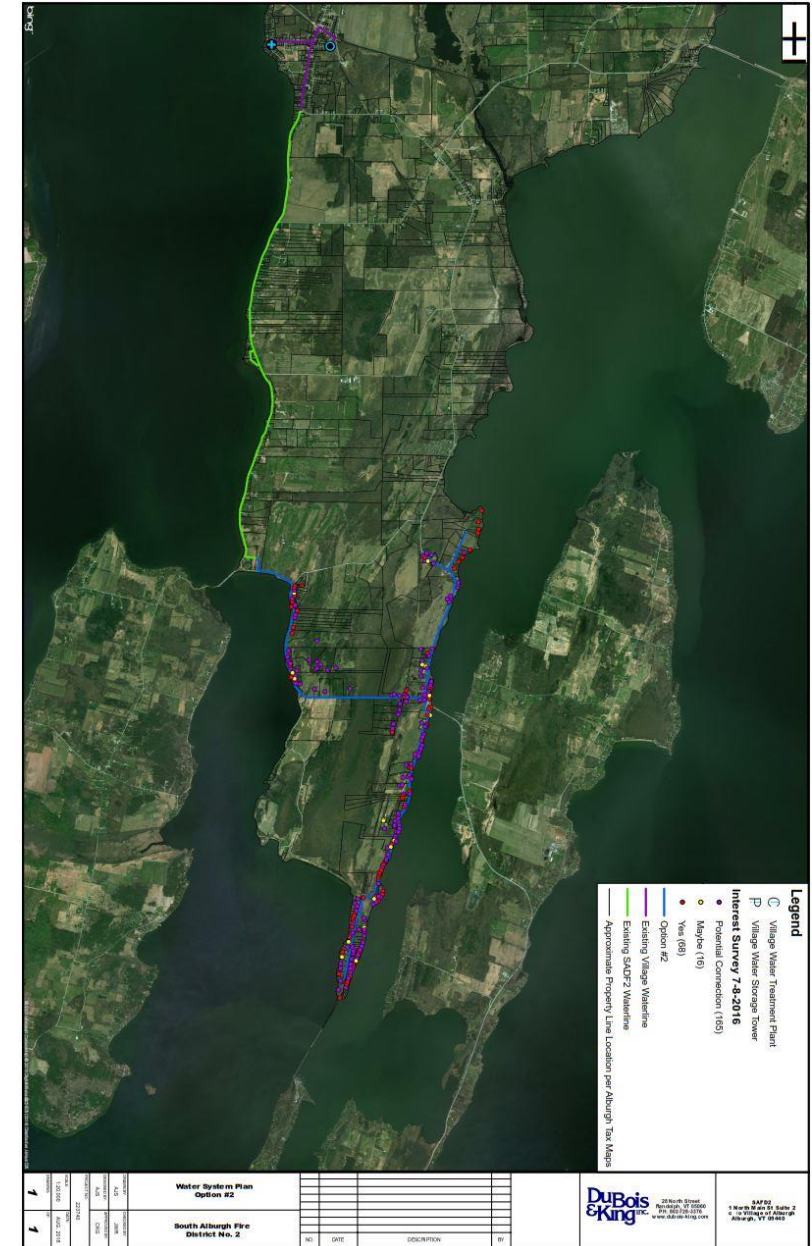
- Serves residents of West Shore Road from Route 2 to the Alburgh Links Golf Course
- Designed by Phelps Engineering
- Constructed in 2013 & 2014
- ~5 miles of 8" PVC water main





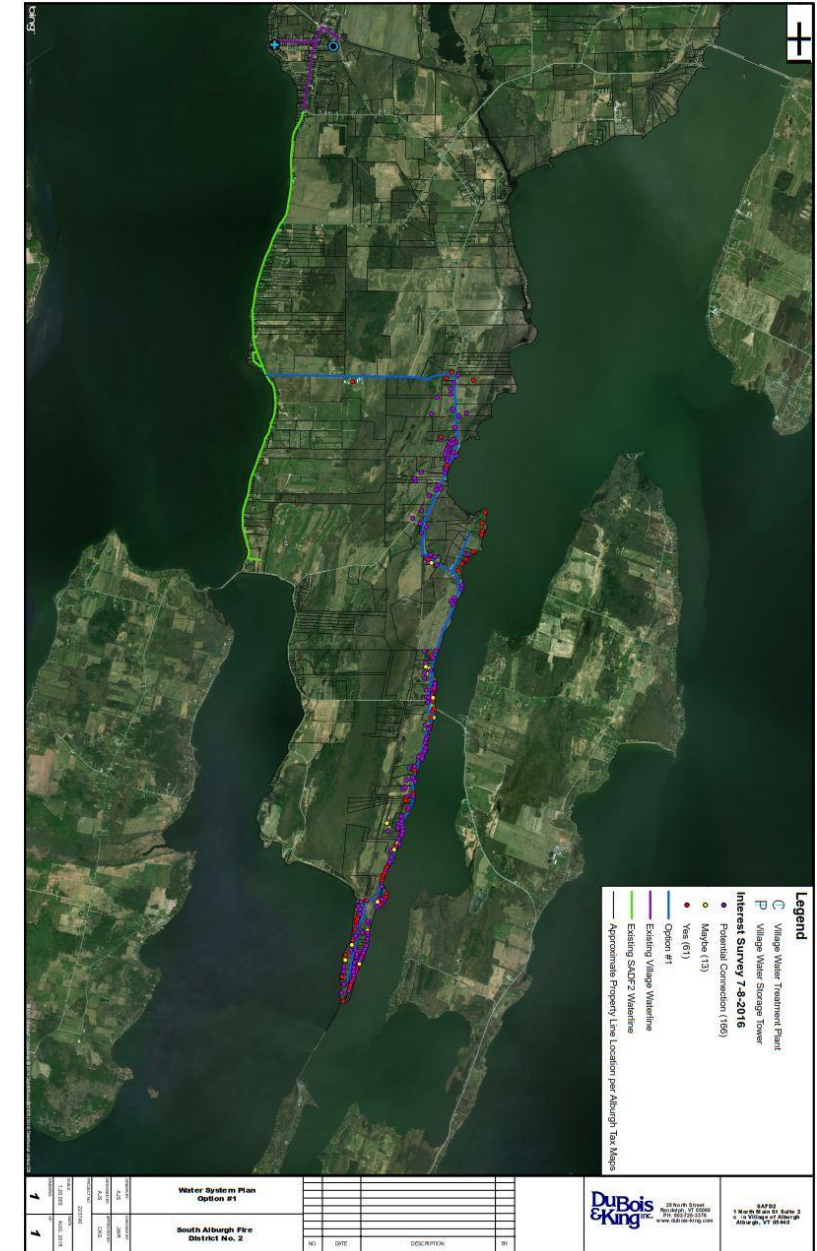
# SAFD2 Phase II History

- SAFD2 and Phelps Engineering started looking into the water main extension routes that reached the most amount of Alburgh residents outside of the Village Center
- A large concentration of residents were along Route 2 all the way down to the Point of Tongue
- Multiple crossings from West Shore Road and Route 2 were investigated primarily along Middle Road and Route 129
- An extensive archeological investigation was conducted including hundreds of test pits to discover archeologically sensitive areas
- Hundreds of ledge probes were conducted to determine potential ledge conflicts



# SAFD2 Phase II History, Cont.

- D&K was hired in 2018 to pick up where Phelps had left off
- Route 129 has a cost-prohibited swamp crossing in which a long horizontal directional drill would be required
- An extensive water quality study was conducted with the assistance of Jason Beaulac and Ray Solomon, the VT State water quality scientist and expert
- Wetland delineation and mapping and other field work was completed
- In 2021 the water main route was approved by the State of Vermont engineering department
- Construction is anticipated to start in 2022 and be completed in 2023

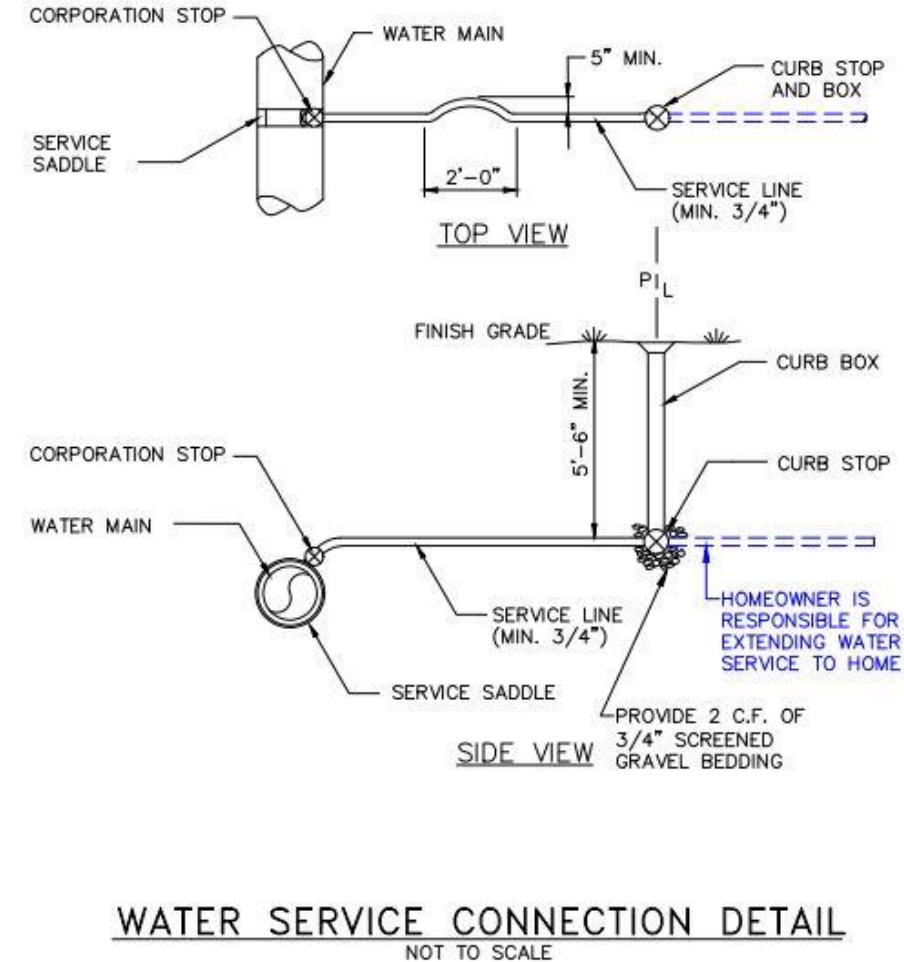






# Water Service Connections

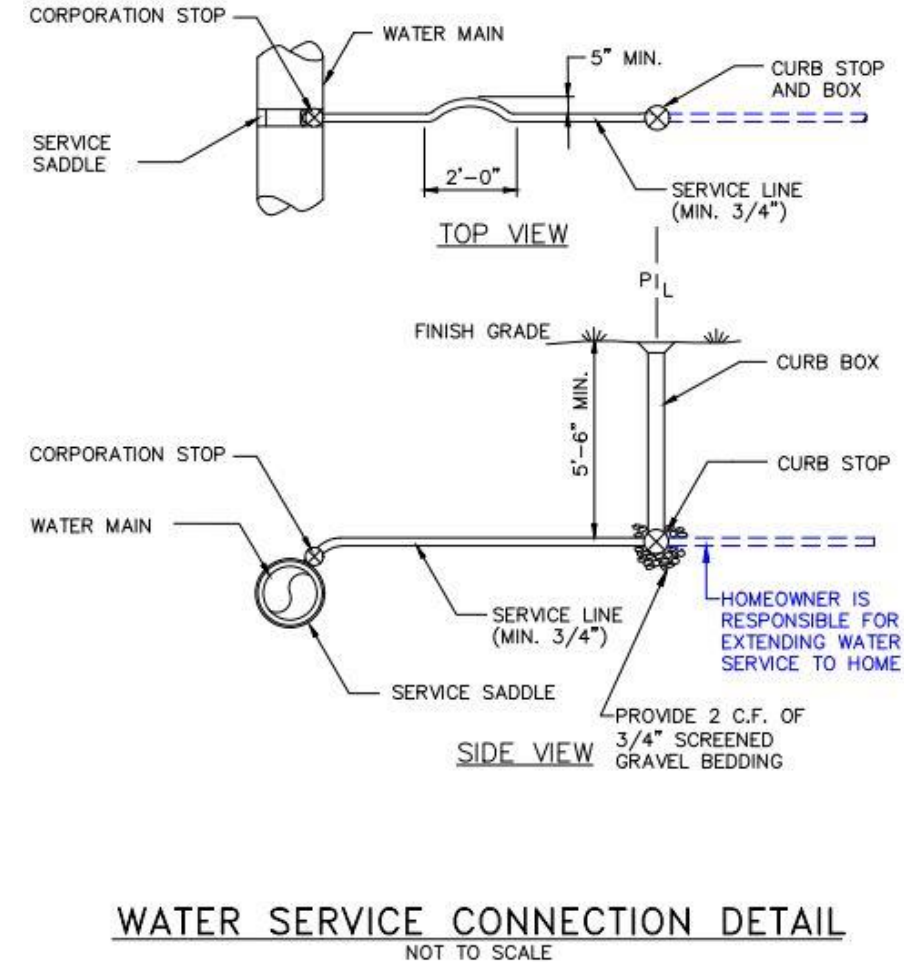
- Property owners adjacent to the water main will have the option to connect
- A new water service connection would replace the existing source whether it's a private well or Lake Champlain
- The design, construction, and maintenance of the water main is the responsibility of SAFD2
- The design, construction, and maintenance of the individual water services is in the responsibility of the property owner
- There's a one-time \$1,500 connection fee if payment is received prior to start of construction and \$2,500 if payment is received after construction has begun
- Phase I cost ~\$10/FT for water service from the water main to the house (minimum of \$1,500 depending on the length and complexity of the installation)





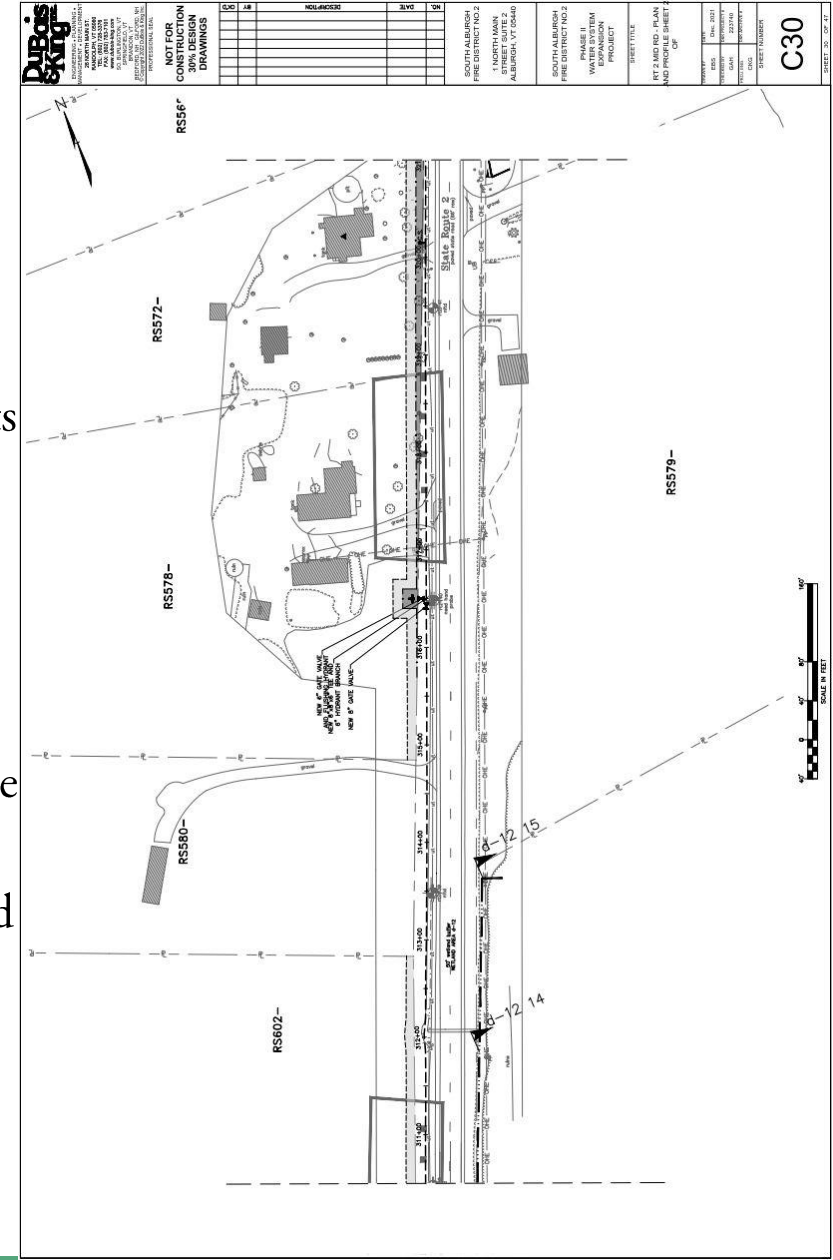
# Water Service Connections, Cont.

- SAFD2 has secured Rural Development funding and is pursuing alternative options to provide the lowest cost to the users
- The monthly cost per house or Equivalent Residential Unit (ERU) is TBD and **highly dependent on how many customers are signed up** (it's anticipated to be around \$90-\$100)
- The more water service commitments and connections that are made may bring the monthly cost down
- Currently, there are about 40 customers already signed up!
- A “How to Apply for Connection to SAFD2” document can be found on the SAFD2 website (<http://www.safd2.org/>) as well as all necessary forms, information, and other resources
- SAFD2 will have a list of recommended contractors for the engineering and installation of the water service connections



# What's Next?

- D&K will proceed with the final design documents and permitting requirements
- SAFD2 will be collecting easements from the necessary property owners
- Easements are a critical component to the success of the project
- Although the water main is primarily next to the road, there are a few areas that the water main diverts from the road into private property
- The easements are necessary to provide SAFD2 access to install and maintain the water main
- Once the water main is installed underground, the ground above will be restored to its condition prior to construction
- The easement form can be found on the SAFD2 website
- Easements can be signed in person at the beginning of the SAFD2 monthly meetings held the third Monday of each month in the Alburgh Town Conference Room at 6:30 PM





# Example Easement Form

Parcel No. \_\_\_\_\_

## EASEMENT

FOR GOOD AND VALUABLE CONSIDERATION, the undersigned (hereinafter "GRANTOR") hereby grant to South Alburgh Fire District No. 2 (hereinafter "GRANTEE"), and its successors and assigns, a permanent and a temporary construction easement to enter upon the property of the GRANTOR located at \_\_\_\_\_ in the Town of Alburgh, Vermont, for the purpose of installing, constructing, repairing, replacing, inspecting and maintaining pipes, lines, mains and appurtenances incident to a public water supply and distribution system. The location of said easements shall be as laid, and as generally shown on a plan entitled "PHASE II WATER SYSTEM EXPANSION PROJECT EASEMENTS", sheet number "\_\_\_", dated \_\_\_\_\_, which is incorporated herein by reference.

Said permanent easement shall be twenty (20) feet in width at all points as depicted on the above-referenced plan. The easement shall be twenty (20) in width at all points, the centerline of which shall be as constructed water main. Any deviation between the location of the centerline of said permanent easement as shown on said plan and the actual location of said water line as constructed shall be resolved in favor of the constructed location.

GRANTEE shall have a temporary construction easement adjacent to the above-described permanent easement during periods of construction, for the purposes of personnel, machinery, and equipment constructing and accessing the GRANTOR'S land. Said temporary construction shall terminate upon the completion of the water line project.

By its acceptance of these presents, GRANTEE, for itself and its agents, officials, contractors and employees, agrees to exercise due care and diligence in constructing and maintaining the improvements within the easement area.

IN WITNESS WHEREOF, we hereunto subscribe these presents this \_\_\_\_ day of \_\_\_\_\_, 20\_\_.

IN THE PRESENCE OF

\_\_\_\_\_  
Property Owner

\_\_\_\_\_  
Witness

STATE OF VERMONT

\_\_\_\_\_, ss  
COUNTY, ss

At \_\_\_\_\_, Vermont this \_\_\_\_ day of \_\_\_\_\_, 20\_\_.

personally appeared \_\_\_\_\_ and he/she/they acknowledged the foregoing instrument by he/she/they subscribe to be his/her/their free act and deed.

Before me,

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

My Commission Number: \_\_\_\_\_

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We are trying to get all customers (and potential customers) added to our eMail Distribution List.

**PLEASE send a quick eMail to:** [safd2committee@gmail.com](mailto:safd2committee@gmail.com)

**Include in this eMail:**


**Full Name**

**Phone Number**

**Alburgh Address**

**Parcel Number (Ex. FP129)**

**Mailing Address (if different then your Alburgh Address)**



Please help us avoid  
project DELAYS by speeding  
up communications.


100% eMail will expedite  
communications & get  
drinking water sooner!



# Q&A and Discussion with SAFD2 Board

Please type all of your questions in “Chat” which can be found at the bottom of your screen

We'll do our best to answer all of the questions tonight however, if your question is not answered or you have thought of something after this meeting please email your information and question to [safd2committee@gmail.com](mailto:safd2committee@gmail.com)



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