

Jarrood Cabral

From: Jarrood Cabral
Sent: Tuesday, March 8, 2022 12:53 PM
To: Darrin Tangeman; Kelly Clark
Subject: FW: Truro Talks (March) and DPW cost estimate
Attachments: Budgetary Scope and Fee for New Town Hall and DPW Building Water Supply; RE: DPW, Walsh, Safety Facility ; Truro DPW Temp Facilities; Truro - New Town Hall Water Supply Well; DEP Emails.pdf; FW: DPW, Walsh, Safety Facility

Sorry - I added the phase 2 cost estimate – Thanks – Jarrood

From: Jarrood Cabral
Sent: Tuesday, March 8, 2022 11:51 AM
To: Darrin Tangeman <dtangeman@truro-ma.gov>; Kelly Clark <ksclark@truro-ma.gov>
Subject: RE: Truro Talks (March) and DPW cost estimate

Please see attached emails for cost estimates, and correspondence from DEP.

EPG engineering for well and watermain from Snows Field - \$119,000 – I did not have this number the night of the meeting.
EPG estimate for construction of watermain from Snow's Field with no start date - \$400,000 - \$500,000 based on current bid openings this was a zoom meeting with EPG - Ryan Paul, Paul Millet, and Marie Tuberville.
W&S Well survey - \$60,000 included the 119,000 from EPG
W&S Temp Facility - \$250,000
W&S potential cost for temporary vehicle maintenance garage - \$100,000 – \$200,000
Phase 2 of current location - \$32,000

Low end \$119,000 - \$400,000 - \$250,000 - \$100,000 - \$32,000 = \$901,000
High end \$119,000 - \$500,000 - \$250,000 - \$200,000 - \$32,000 = \$1,101,000

This estimate is without an updated cost for a fire suppression tank if supported by the Town Hall existing well – This is a good idea if DEP allows it.

The W&S Phase 1 study recommends completing boring samples in various areas - I have not cost for remediation

DEP emails state – zone 1 radius to be 333' around the well, and the radius must be contained on the individual parcel. With the radius at 333' it will not fit at Snows Field or on the Trust parcel just below Snows Field. DEP did state that we could use the existing well as a backup if we were to bring in water from Snows field.

Thanks – Jarrood



February 23, 2022

Jarrold Cabral
Director of Public Works
Town of Truro
17 Town Hall Road
Truro, MA 02666

**RE: Budgetary Scope and Fee for Professional Engineering Services
New Town Hall and DPW Building Water Supply
Town of Truro, MA**

Dear Jarrod,

Based on our conversations this month, and the information you have provided, Environmental Partners Group, LLC (Environmental Partners) is providing this abbreviated scope and fee for Professional Engineering Services for a new Town Hall and DPW building water supply at Snow's Field and transmission main from Snow's Field. This scope and fee are intended for use for budgetary purposes. Environmental Partners will provide a complete scope of service upon request from the Town.

Currently, the Town is considering a new site for a new DPW facility. One location includes the current site of the DPW in the vicinity of 17 Town Hall Road. The current and proposed DPW facility sites are located within the MassDEP required Zone I area (100-foot radius) for the existing non-transient public water supply well. If a new facility is constructed at the existing site, the Town will be in violation of their water supply permit (inside their Zone 1) and a new water supply will be required. The Zone I area must be owned or controlled by the supplier of water and current and/or future land uses within the Zone I must be limited to those directly related to the provision of public drinking water or have no significant adverse impact on water quality.

The Town has located a potential site for a new water supply at Snow's Field. Historic data from Snow's Field have indicated the potential presence of trichloroethene (TCE) in groundwater. Therefore, evaluation of the Snow's Field site will have to include an evaluation of water quality to determine the suitability for water supply development.

Budgetary Scope and Fee

Environmental Partners recommends the following scope of work to complete the design. A budgetary fee is provided for each phase. The fees are based on present day costs.

Phase 1 - Well Development and Feasibility Study

Environmental Partners (EP) will complete the development of a 6-inch water supply well and a feasibility study. EP will subcontract with a drilling company to drill a 6-inch finished water supply well. Completing the installation of the supply well in this phase eliminates costs for a smaller test well of similar costs, which reduces overall costs of the project. Once the well is in place, EP will pump and sample the well for water quality parameters, including TCE.

EP will perform preliminary calculations to size the water supply pump and the transmission water main. We will evaluate well site components necessary to move to final design in Phase 2. A technical memo will be provided to the Town with a summary of the field investigation, recommendations, a GIS based plan showing the location of the well and water main, and cost estimate.

The budgetary cost for Phase 1 is \$62,000.

Phase 2 - Design and Permitting

Based on the recommendations provided in Phase 1, Phase 2 work includes for permitting and design of the well site and water main. EP will subcontract a professional surveyor to provide a base plan of the well site and the water main route. We will subcontract with a driller to perform a 24-hour pump test and permit the well under MassDEP BRP WS-15: *Approval of Pumping Test Report and to Construct a Source Less than 70-gallons per Minute.*

EP will prepare design documents including plans and design specifications for the well site and the transmission water main. The site design will generally include electrical, instrumentation, backup generator and fuel, fencing, and a 4-inch or 6-inch water main along town owned roadways from Snow's Field to the Town Hall and DPW Building.

Environmental Partners has assumed the following for Phase 2:

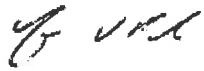
- The remaining project components, including site work and water main, will be constructed as part of the larger DPW Facility.
- The water main will follow roadway right-of-ways, and include approximately 2,600-linear feet of main. The water main will not include any domestic service connections.
- Fire service water supply will not be included in the design.
- Electrical power is nearby and easily accessible.
- TCE and other contaminants are not found during Phase 1.

Based on these assumptions above, the budgetary cost for Phase 2 is \$57,000.

We appreciate to opportunity and look forward to working with you and the Town on this important project. Please feel free to contact us with any questions or concerns.

Sincerely,

Environmental Partners Group, LLC



Ryan J. Paul

Project Manager

O: 617-657-0260

E: rjp@envpartners.com

Jarrold Cabral

Subject: FW: Truro DPW Temp Facilities

From: Alberti, Jeffrey <albertij@wseinc.com>
Sent: Wednesday, February 16, 2022 1:49 PM
To: Jarrod Cabral <jcabral@truro-ma.gov>
Cc: Richard, Michael <richardm@wseinc.com>
Subject: Truro DPW Temp Facilities

Hi Jarrod,

Please note that if the Town were to remain at the existing DPW site, the Total Project Cost would need to include costs for temporary facilities during construction. We recommend that the estimate be increased by **\$250,000** to cover temporary costs as follows:

- Rental of office trailer for staff (18 month duration)
- Rental of double wide employee facilities trailer (18 month duration)
- Rental of temporary toilet facilities – M/F ADA compliant (18 month duration)
- Monthly service charges for toilet facilities (18 month duration)
- Rental of storage containers to store small equipment and materials (18 month duration)
- Set up and break down charges
- Moving costs
- Temporary power provisions for engine block heater system
- **Off-site rental of garage space for vehicle maintenance operations (Note – if none can be located, we may need to consider erecting a temporary structure to house maintenance operations which could add an additional 100K – 200K)**

Thanks
Jeff

Jeffrey J. Alberti, LEED AP
CHIEF OPERATING OFFICER
direct: 508-203-8324



Weston & Sampson
55 Walkers Brook Drive, Suite 100 | Reading, MA 01867
tel: 978-532-1900
westonandsampson.com

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Jarrold Cabral

Subject: FW: DPW, Walsh, Safety Facility
Attachments: 02-2022 Truro DPW - walsh site options - WORKING DRAFTS.pdf

From: Richard, Michael <richardm@wseinc.com>
Sent: Wednesday, February 16, 2022 4:40 PM
To: Jarrod Cabral <jcabral@truro-ma.gov>
Subject: RE: DPW, Walsh, Safety Facility

Jarrold,
See attached working file. Let us know if you'd like us to fine tune one of the other options.

From: Jarrod Cabral <jcabral@truro-ma.gov>
Sent: Wednesday, February 16, 2022 2:38 PM
To: Richard, Michael <richardm@wseinc.com>
Subject: RE: DPW, Walsh, Safety Facility

Hi Mike, go ahead and send the other options with the Walsh – Thanks – Jarrod

From: Richard, Michael <richardm@wseinc.com>
Sent: Wednesday, February 16, 2022 2:01 PM
To: Jarrod Cabral <jcabral@truro-ma.gov>
Cc: Alberti, Jeffrey <albertij@wseinc.com>; Comeau, John <comeauj@wseinc.com>; McCusker, Brian <mccuskerb@wseinc.com>
Subject: RE: DPW, Walsh, Safety Facility

Jarrold,
Per your request:

- WALSH TEST FIT - Attached is a test fit for the Walsh Parcel. We have a couple different options, but we thought this was the best. Let me know if you'd like to review others.
- EXISTING SITE PHASE TWO – We will have the cost for the Phase II environmental study to you shortly (today)
- WELL SURVEY - The cost for a well survey is approximately \$60,000 per site. This includes:
 - Assess different options reviewing existing information such as geologic mapping, GIS database information, permeability, etc.
 - Install test well
 - Perform pump test/plan
 - Test well yield and water quality
 - Complete New Source Approval permitting.

Let me know if you need more information.

From: Jarrod Cabral <jcabral@truro-ma.gov>
Sent: Friday, February 11, 2022 1:08 PM
To: Alberti, Jeffrey <albertij@wseinc.com>; Richard, Michael <richardm@wseinc.com>; Comeau, John <comeauj@wseinc.com>; McCusker, Brian <mccuskerb@wseinc.com>
Subject: DPW, Walsh, Safety Facility

Jarrood Cabral

From: Richard, Michael <richardm@wseinc.com>
Sent: Wednesday, February 16, 2022 4:22 PM
To: Jarrood Cabral
Cc: Alberti, Jeffrey; Comeau, John; McCusker, Brian
Subject: RE: DPW, Walsh, Safety Facility

Jarrood,
The initial Phase II SOW and fee is anticipated to be as follows:

- Based on the results of the Phase I ESA, Weston & Sampson identified the following recognized environmental conditions (RECs) for the Site:
 - The historic use of the Site as a fueling station and vehicle maintenance facility.
 - The potential for impacts to the subsurface in the area of the subgrade hydraulic lift.
 - The presence of fill material behind the DPW administration office and maintenance garage.
 - The presence of filled automobile service pits in main garage. Perform one day of Geoprobe drilling to assess oil conditions in areas of concern.
- Dig Safe and interior boring clearance prior to drilling. Interior boring clearance via concrete coring and Vector Excavation techniques.
- Assume 10 to 12 borings will be advanced to maximum depth of 10 to 15 feet below grade surface. Assume groundwater will not be encountered and monitoring wells will not be required.
- Borings will be advance in the following areas: garage hydraulic lift and service pits, potential fill areas behind buildings, fueling station, areas of potential soil export.
- Collect and field screen soil samples. Based on field screening select samples from each area for select laboratory analyses. Soil analysis will include Extractable and Volatile Petroleum Hydrocarbons (EPH/VPH), Polynuclear Aromatic Hydrocarbons (PAHs), Volatile and Semi-volatile Organic Hydrocarbons (VOC/SVOCs), Polychlorinated Biphenyls (PCBs), total metals and general chemistry (pH, reactivity, ignitability, conductivity).
- **Cost Estimate: \$32,000**

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To: Jarrood Cabral <jcabral@truro-ma.gov>
Cc: Alberti, Jeffrey <albertij@wseinc.com>; Comeau, John <comeauj@wseinc.com>; McCusker, Brian <mccuskerb@wseinc.com>
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 - Perform pump test/plan
 - Test well yield and water quality
 - Complete New Source Approval permitting.

Jarrood Cabral

From: Regon, Michelle (DEP) <michelle.regon2@state.ma.us>
Sent: Tuesday, March 8, 2022 9:27 AM
To: Jarrod Cabral
Subject: RE: Well site

Yes, the owner of the well must control the zone I property and it must be contained on his parcel.

Michelle Regon

MassDEP – SERO
(508)946-2836

From: Jarrod Cabral <jcabral@truro-ma.gov>
Sent: Tuesday, March 8, 2022 9:24 AM
To: Regon, Michelle (DEP) <Michelle.Regon@mass.gov>
Subject: RE: Well site

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Good morning, I have one more question – Does the radius need to be contained within the parcel that the well is located on?

Thanks – Jarrod

From: Emily Beebe <EBeeBe@truro-ma.gov>
Sent: Wednesday, February 23, 2022 4:40 PM
To: Regon, Michelle (DEP) <michelle.regon2@state.ma.us>
Cc: Jarrod Cabral <jcabral@truro-ma.gov>
Subject: Re: Well site

Thanks for your help Michelle!

On Feb 23, 2022, at 3:37 PM, Regon, Michelle (DEP) <michelle.regon2@state.ma.us> wrote:

If were talking 200GPD = 25GPM then your zone I would be 333ft radius. Please review the table again the GPM column starts 0.694

Michelle Regon

MassDEP – SERO
(508)946-2836

From: Emily Beebe <EBeeBe@truro-ma.gov>
Sent: Wednesday, February 23, 2022 12:21 PM
To: Jarrod Cabral <jcabral@truro-ma.gov>; Regon, Michelle (DEP) <Michelle.Regon@mass.gov>
Subject: RE: Well site

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Hi Michelle,
It appears that GPD vs. GPM has been the mix-up because our GPD is about 200 gallons/day
Based on our last ASR our pumping rate is 25 GPM.

As I read the table provided, this is less than the lowest GPM value of 29,
so it appears that we would have no more than a 100' radius. Does that sound right?
Thanks very much,
Emily Beebe

From: Jarrod Cabral <jcabral@truro-ma.gov>
Sent: Tuesday, February 22, 2022 4:50 PM
To: Regon, Michelle (DEP) <michelle.regon2@state.ma.us>
Cc: Emily Beebe <EBeeBe@truro-ma.gov>
Subject: FW: Well site

Hello, I just wanted to clarify the gallon per day use is around 200 - still 400' radius?

Thanks - Jarrod

From: Regon, Michelle (DEP) <michelle.regon2@state.ma.us>
Sent: Tuesday, February 22, 2022 9:54 AM
To: Jarrod Cabral <jcabral@truro-ma.gov>
Cc: Emily Beebe <EBeeBe@truro-ma.gov>
Subject: RE: Well site

At the rate you quoted me (200GPM) if I remember correctly. At 69.4 GPM it goes to 400ft and then stays at 400ft for everything in excess of that.
Let me know your thoughts,

Michelle Regon

MassDEP – SERO
(508)946-2836

From: Jarrod Cabral <jcabral@truro-ma.gov>
Sent: Tuesday, February 22, 2022 8:58 AM

To: Regon, Michelle (DEP) <Michelle.Regon@mass.gov>
Cc: Emily Beebe <EBeeBe@truro-ma.gov>
Subject: Well site

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Good morning, For this particular well site the Town would only be supplying water to the Town Hall Building and the DPW, no additional services would be added. Would the radius still be at 400' with only the Town Hall building and The DPW assigned to the well?

Thanks – Jarrod

From: Regon, Michelle (DEP) <michelle.regon2@state.ma.us>
Sent: Friday, February 18, 2022 3:54 PM
To: Jarrod Cabral <jcabral@truro-ma.gov>
Subject: RE: Meeting this

As we discussed this morning,

Placing the well on the conservation property with an easement from the conservation group is likely the best way to go. Secondly is the ballfield which would need to be abandoned to serve as a wellfield. And if necessary, will need to be fenced to protect the ZONE I

I calculated the ZONE I and it will be 400ft radius

Let me know if you have any questions or concerns.

Michelle Regon

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Thanks for the call this morning could you send me an email just reviewing what we discussed – Thanks
– Jarrod

From: Regon, Michelle (DEP) <michelle.regon2@state.ma.us>
Sent: Friday, February 18, 2022 8:07 AM

To: Jarrod Cabral <icabral@truro-ma.gov>

Subject: Meeting this

Good morning!

Can we move this to a phone call? I don't have power and my cell signal is crap. Feel free to call my cell 7744547388 to start the meeting

Thanks so

Michelle Regon

Environmental Analyst/Hydrogeologist
Bureau of Water Resources -Drinking Water Program

MassDEP- Southeast Region
20 Riverside Drive
Lakeville, MA 02347
(508)946-2836
Michelle.Regon@mass.gov
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Cc: Jarrod Cabral
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Environmental Analyst/Hydrogeologist
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Subject: RE: Well site

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Good morning, I have one more question – Does the radius need to be contained within the parcel that the well is located on?

Thanks – Jarrod

From: Emily Beebe <EBeeBe@truro-ma.gov>
Sent: Wednesday, February 23, 2022 4:40 PM
To: Regon, Michelle (DEP) <michelle.regon2@state.ma.us>
Cc: Jarrod Cabral <jcabral@truro-ma.gov>
Subject: Re: Well site

Thanks for your help Michelle!

On Feb 23, 2022, at 3:37 PM, Regon, Michelle (DEP) <michelle.regon2@state.ma.us> wrote:

If were talking 200GPD = 25GPM then your zone I would be 333ft radius. Please review the table again the GPM column starts 0.694

Michelle Regon

MassDEP – SERO
(508)946-2836

From: Emily Beebe <EBeeBe@truro-ma.gov>
Sent: Wednesday, February 23, 2022 12:21 PM
To: Jarrod Cabral <jcabral@truro-ma.gov>; Regon, Michelle (DEP) <Michelle.Regon@mass.gov>
Subject: RE: Well site

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Hi Michelle,
It appears that GPD vs. GPM has been the mix-up because our GPD is about 200 gallons/day
Based on our last ASR our pumping rate is 25 GPM.

As I read the table provided, this is less than the lowest GPM value of 29,
so it appears that we would have no more than a 100' radius. Does that sound right?
Thanks very much,
Emily Beebe

From: Jarrod Cabral <jcabral@truro-ma.gov>
Sent: Tuesday, February 22, 2022 4:50 PM
To: Regon, Michelle (DEP) <michelle.regon2@state.ma.us>
Cc: Emily Beebe <EBeeBe@truro-ma.gov>
Subject: FW: Well site

Hello, I just wanted to clarify the gallon per day use is around 200 - still 400' radius?

Thanks - Jarrod

From: Regon, Michelle (DEP) <michelle.regon2@state.ma.us>
Sent: Tuesday, February 22, 2022 9:54 AM
To: Jarrod Cabral <jcabral@truro-ma.gov>
Cc: Emily Beebe <EBeeBe@truro-ma.gov>
Subject: RE: Well site

At the rate you quoted me (200GPM) if I remember correctly. At 69.4 GPM it goes to 400ft and then stays at 400ft for everything in excess of that.
Let me know your thoughts,

Michelle Regon

MassDEP – SERO
(508)946-2836

From: Jarrod Cabral <jcabral@truro-ma.gov>
Sent: Tuesday, February 22, 2022 8:58 AM

To: Regon, Michelle (DEP) <Michelle.Regon@mass.gov>
Cc: Emily Beebe <EBeeBe@truro-ma.gov>
Subject: Well site

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Good morning, For this particular well site the Town would only be supplying water to the Town Hall Building and the DPW, no additional services would be added. Would the radius still be at 400' with only the Town Hall building and The DPW assigned to the well?

Thanks – Jarrod

From: Regon, Michelle (DEP) <michelle.regon2@state.ma.us>
Sent: Friday, February 18, 2022 3:54 PM
To: Jarrod Cabral <jcabral@truro-ma.gov>
Subject: RE: Meeting this

As we discussed this morning,

Placing the well on the conservation property with an easement from the conservation group is likely the best way to go. Secondly is the ballfield which would need to be abandoned to serve as a wellfield. And if necessary, will need to be fenced to protect the ZONE I

I calculated the ZONE I and it will be 400ft radius

Let me know if you have any questions or concerns.

Michelle Regon

MassDEP – SERO
(508)946-2836

From: Jarrod Cabral <jcabral@truro-ma.gov>
Sent: Friday, February 18, 2022 9:27 AM
To: Regon, Michelle (DEP) <Michelle.Regon@mass.gov>
Subject: RE: Meeting this

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Thanks for the call this morning could you send me an email just reviewing what we discussed – Thanks – Jarrod

From: Regon, Michelle (DEP) <michelle.regon2@state.ma.us>
Sent: Friday, February 18, 2022 8:07 AM

To: Jarrod Cabral <jcabral@truro-ma.gov>

Subject: Meeting this

Good morning!

Can we move this to a phone call? I don't have power and my cell signal is crap. Feel free to call my cell 7744547388 to start the meeting

Thanks so

Michelle Regon

Environmental Analyst/Hydrogeologist
Bureau of Water Resources -Drinking Water Program

MassDEP- Southeast Region

20 Riverside Drive

Lakeville, MA 02347

(508)946-2836

Michelle.Regon@mass.gov

www.mass.gov/dep

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Jarrood Cabral

From: Regon, Michelle (DEP) <michelle.regon2@state.ma.us>
Sent: Tuesday, February 22, 2022 4:53 PM
To: Jarrod Cabral
Subject: RE: Well site

Yes a pumping rate of 200GPM is a 400ft radius on your zone I

Michelle Regon

MassDEP – SERO
(508)946-2836

From: Jarrod Cabral <jcabral@truro-ma.gov>
Sent: Tuesday, February 22, 2022 4:50 PM
To: Regon, Michelle (DEP) <Michelle.Regon@mass.gov>
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Hello, I just wanted to clarify the gallon per day use is around 200 - still 400' radius?

Thanks - Jarrod

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Subject: RE: Well site

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Let me know your thoughts,

Michelle Regon

MassDEP – SERO
(508)946-2836

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Sent: Tuesday, February 22, 2022 8:58 AM
To: Regon, Michelle (DEP) <Michelle.Regon@mass.gov>
Cc: Emily Beebe <EBeeBe@truro-ma.gov>
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Good morning, For this particular well site the Town would only be supplying water to the Town Hall Building and the DPW, no additional services would be added. Would the radius still be at 400' with only the Town Hall building and The DPW assigned to the well?

Thanks – Jarrod

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Sent: Friday, February 18, 2022 3:54 PM
To: Jarrod Cabral <jcabral@truro-ma.gov>
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As we discussed this morning,

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I calculated the ZONE I and it will be 400ft radius

Let me know if you have any questions or concerns.

Michelle Regon

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Sent: Friday, February 18, 2022 8:07 AM
To: Jarrod Cabral <jcabral@truro-ma.gov>
Subject: Meeting this

Good morning!

Can we move this to a phone call? I don't have power and my cell signal is crap. Feel free to call my cell 7744547388 to start the meeting

Thanks so

Michelle Regon

Environmental Analyst/Hydrogeologist
Bureau of Water Resources -Drinking Water Program

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Jarrood Cabral

From: Regon, Michelle (DEP) <michelle.regon2@state.ma.us>
Sent: Tuesday, February 22, 2022 9:54 AM
To: Jarrod Cabral
Cc: Emily Beebe
Subject: RE: Well site
Attachments: Current Zone I table.pdf

At the rate you quoted me (200GPM) if I remember correctly. At 69.4 GPM it goes to 400ft and then stays at 400ft for everything in excess of that.
Let me know your thoughts,

Michelle Regon

MassDEP – SERO
(508)946-2836

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Thanks – Jarrod

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Michelle Regon

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Environmental Analyst/Hydrogeologist
Bureau of Water Resources -Drinking Water Program

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Jarrood Cabral

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To: Jarrood Cabral
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Michelle Regon

MassDEP – SERO
(508)946-2836

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Sent: Friday, February 18, 2022 9:27 AM
To: Regon, Michelle (DEP) <Michelle.Regon@mass.gov>
Subject: RE: Meeting this

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Thanks for the call this morning could you send me an email just reviewing what we discussed – Thanks – Jarrood

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To: Jarrood Cabral <jcabral@truro-ma.gov>
Subject: Meeting this

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Michelle Regon

Environmental Analyst/Hydrogeologist
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Jarrood Cabral

From: McLaughlin, James M (DEP) <james.m.mclaughlin@state.ma.us>
Sent: Monday, February 14, 2022 11:08 AM
To: Jarrood Cabral
Cc: Emily Beebe; Regon, Michelle (DEP)
Subject: RE: 24 Town Hall Road Truro

I'm sorry, Jarrod. I need to conduct a site inspection Friday morning. I can either do after 1 in the afternoon, or another day, or Michelle can take it on Friday morning and fill me in later.

Jim
508-946-2805

From: Jarrood Cabral <jcabral@truro-ma.gov>
Sent: Monday, February 14, 2022 6:30 AM
To: McLaughlin, James (DEP) <james.m.mclaughlin@mass.gov>
Cc: Emily Beebe <EBeeBe@truro-ma.gov>; Regon, Michelle (DEP) <Michelle.Regon@mass.gov>
Subject: RE: 24 Town Hall Road Truro

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Good morning, Sounds good I'll send out an invite for 8:30 for Friday the 18th – Thanks - Jarrod

From: McLaughlin, James M (DEP) <james.m.mclaughlin@state.ma.us>
Sent: Saturday, February 12, 2022 2:53 PM
To: Jarrood Cabral <jcabral@truro-ma.gov>
Cc: Emily Beebe <EBeeBe@truro-ma.gov>; Regon, Michelle (DEP) <michelle.regon2@state.ma.us>
Subject: RE: 24 Town Hall Road Truro

OK, Please schedule Friday morning as early as possible 8:30 or later. Please include Michelle Regon, our hydrogeologist, on the invite. Thanks.

From: Jarrood Cabral <jcabral@truro-ma.gov>
Sent: Friday, February 11, 2022 5:57 PM
To: McLaughlin, James (DEP) <james.m.mclaughlin@mass.gov>
Cc: Emily Beebe <EBeeBe@truro-ma.gov>
Subject: Re: 24 Town Hall Road Truro

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Hello, I was hoping to schedule a call to discuss.

Thanks - Jarrod

Sent from my iPhone

On Feb 11, 2022, at 5:25 PM, McLaughlin, James M (DEP) <james.m.mclaughlin@state.ma.us> wrote:

Hi Jarrod,

Did you mean to send this to me? There's nothing new here from what we discussed previously.

Jim
508-946-2805

From: Jarrod Cabral <jcabral@truro-ma.gov>
Sent: Friday, February 11, 2022 10:11 AM
To: McLaughlin, James (DEP) <james.m.mclaughlin@mass.gov>
Cc: Emily Beebe <EBeeBe@truro-ma.gov>
Subject: FW: 24 Town Hall Road Truro

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Good morning, I was hoping to set up a quick call to review an alternative site for a zone one water supply. So far I'm free next Friday the 18th please review below – Thanks – Jarrod

From: McLaughlin, James M (DEP) <james.m.mclaughlin@state.ma.us>
Sent: Wednesday, February 2, 2022 2:15 PM
To: Jarrod Cabral <jcabral@truro-ma.gov>
Subject: RE: 24 Town Hall Road Truro

Hi Jarrod,

Unfortunately, I don't have time this week to thoroughly read all the materials you sent me. As we discussed, a Zone I is required to only contain activities related to the water supply. Existing non-conforming Zone I's are not to become more non-conforming (we want improvement to the Zone I.) Each of the four options you show result in a more non-compliant Zone I and are therefore prohibited. Additionally, something we didn't discuss as it just occurred to me, your well's approved maximum daily pumping rate is limited and can't be increased for a non-conforming Zone I. Expanding the activity on site may result in exceeding the currently-approved pumping rate, which would require a larger Zone I radius, which would result in an even greater non-compliance. So you need to take a very close look at the existing water use (at least the past 5 years) and estimate the water requirements for the proposed facility. I hope this helps.

Please contact me with any questions.

Sincerely,

Jim McLaughlin

Drinking Water Program Chief
MassDEP-SERO
20 Riverside Drive
Lakeville, MA 02347

508-946-2805

From: Jarrod Cabral <jarrod@truro-ma.gov>
Sent: Wednesday, February 2, 2022 12:16 PM
To: McLaughlin, James (DEP) <james.m.mclaughlin@mass.gov>
Subject: FW: 24 Town Hall Road Truro

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Good afternoon, The Town of Truro is considering the current location to rebuild the DPW at 24 Town Hall Road. That been said what are your thoughts on expanding within zone 1, please see the fit test sketches labeled Town Hall Road alternatives to get the best idea of what the facility would look like. The circle indicates the 100' radius of the zone 1.

Alternative to utilizing the current well at 24 Town hall Rd - Install a well at another Town owned parcel please see the attached documents labeled DPW study Snows field, and a second attachment labeled Alternative DPW Town Hall Water Supply. You will also notice the same idea was explored in 1999, if a well was installed at Snows field what would the restrictions be moving forward for the ballfield?

Thanks – Jarrod

Jarrold J. Cabral
Director
Department of Public Works
Truro MA 02666
Office (508) 214-0400

From: Jarrod Cabral
Sent: Tuesday, February 1, 2022 12:04 PM
To: seth.pickering@state.ma.us; Dakers, Mark (DEP) <mark.dakers@state.ma.us>
Subject: 24 Town Hall Road Truro

Good morning, I was hoping either of you might be available for a quick call or point me in the right direction of who to review this with. The Town is exploring the option of rebuilding or relocating the DPW, and one of the options is to stay on the same parcel. I don't know how that is possible given the size of the proposed facility, and the zone 1 requirements. What are the requirements if the Town were to request expansion of a structure, or structures within a zone.

Let me know your thoughts – Thanks – Jarrod

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