

### **Truro Select Board**

Tuesday, September 27, 2022 Executive Session-3:00pm Regular Meeting-5:00pm

### EXECUTIVE SESSION MEETING—3:00 pm

https://meet.goto.com/727812117

1-877-309-2073 Access Code: 727-812-117

This will be a remote meeting. The meeting will begin in open session solely for the purpose of moving, as set forth below, to enter into executive session. The meeting will be locked and closed to the public once the Board votes to enter into executive session.

Move that the Select Board enter into Executive Session for the following purposes:

- 1. in accordance with the provisions of Massachusetts General Law, Chapter 30A, §21 (a) 2, to conduct strategy sessions in preparation for negotiations with nonunion personnel (Town Manager); and not to reconvene in open session.
- 2. in accordance with the provisions of Massachusetts General Law, Chapter 30A, §21 (a) 7 to comply with, or act under the authority of, any general or special law (Massachusetts General Law, Chapter 30A, §22 (f)(g)(Open Meeting Law), specifically, to review and approve and determine whether continued nondisclosure of the following executive session meeting minutes is warranted:

February 12, 2019
June 16, 2020
September 22, 2020
October 13, 2020
January 14, 2021
March 16, 2021
July 13, 2021
August 10, 2021
September 22, 2021
January 25, 2022
April 12, 2022
July 15, 2022
September 13, 2022
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April 16, 2019
August 14, 2020
September 25, 2020
December 8, 2020
March 2, 2021
March 29, 2021
July 27, 2021
August 24, 2021
December 7, 2021
February 8, 2022
June 17, 2022
August 9, 2022

May 5, 2020 August 31, 2020 September 29, 2020 January 7, 2021 March 9, 2021 June 25, 2021 July 30, 2021 September 20, 2021 January 20, 2022 March 1, 2022 June 22, 2022 August 23, 2022

; and not to reconvene in open session.

### REGULAR MEETING—5:00 pm

https://meet.goto.com/809024061

1-877-309-2073 Access Code: 809-024-061

This will be a remote meeting. Citizens can view the meeting on Channel 18 in Truro and on the web on the "Truro TV Channel 18" button under "Helpful Links" on the homepage of the Town of Truro website. Click on the green "Watch" button in the upper right of the page. To provide comment during the meeting please call in toll free at 1-877-309-2073 and enter the following access code when prompted: 809-024-061 or you may join the meeting from a computer, tablet or smartphone by entering the follow URL into your web browser:

<a href="https://meet.goto.com/809024061">https://meet.goto.com/809024061</a>
Please note that there may be a slight delay (15-30 seconds) between the meeting and the live-stream (and television broadcast). If you are watching the meeting and calling in, please lower the

volume on your computer or television during public comment so that you may be heard clearly. We ask that you identify yourself when calling in to help us manage multiple callers effectively.

### 1. PUBLIC COMMENT

### 2. **PUBLIC HEARINGS** None

#### 3. INTRODUCTION TO NEW EMPLOYEES None

### 4. BOARD/COMMITTEE/COMMISSION APPOINTMENTS

- A. Raphael Richter-Walsh Property Community Planning Committee
- B. Jeffrey Fischer-Walsh Property Community Planning Committee

### 5. STAFF/ COMMITTEE UPDATES

A. Jarrod- Eagle Neck

#### **6. TABLED ITEMS** – NONE

### 7. SELECT BOARD ACTION

A. Take Care Cape Cod Campaign Presentation

Presenter: Jill Talladay, Executive Director, CARE for the Cape & Islands

- B. Discussion and Possible Approval of Revised Charge for Walsh Property Community Planning Committee Presenter: Stephanie Rein, Select Board
- C. Discussion and Possible Approval of Revised Select Board Appointment Policy

Presenter: Susan Areson, Select Board

D. Presentation and Discussion on Planning for the Walsh Property With an Eye Toward Net Water Quality Improvement

Presenter: Scott Horsley, Water Resources Consultant, Horsley Consulting; Emily Beebe, Health & Conservation Agent; Barbara Carboni, Town Planner and Land Use Counsel

A quorum of the Board of Health and/or the Walsh Property Community Planning Committee may be present.

### 8. CONSENT AGENDA

- A. Review/Approve and Authorize Signature: None
- B. Review and Approve Appointment Renewals:
  - 1. Braun, Russell-Walsh Property Community Planning Committee
  - 2. Breslin, Eileen-Walsh Property Community Planning Committee
  - 3. Clark, Morgan-Walsh Property Community Planning Committee
  - 4. Gaechter, Fred-Walsh Property Community Planning Committee
  - 5. Gallo, Betty-Walsh Property Community Planning Committee
  - 6. Howe, Susan-Walsh Property Community Planning Committee
  - 7. Lea, Jane-Walsh Property Community Planning Committee
  - 8. Markowski, Christine-Walsh Property Community Planning Committee
  - 9. Milan, Craig-Walsh Property Community Planning Committee
  - 10. Oxtoby, Kenneth-Walsh Property Community Planning Committee
  - 11. Rein Bosworth, Violet-Walsh Property Community Planning Committee (Student Liaison)
  - 12. Schwebel, Robert-Walsh Property Community Planning Committee
  - 13. Wisotzky, Paul-Walsh Property Community Planning Committee
  - 14. Wynne, Steven-Walsh Property Community Planning Committee
- C. Review and Approve 2022 Seasonal Business License: None
- D. Review and Approve Select Board Minutes: September 23, 2021; June 28, 2022; July 12, 2022

- 9. Select Board Reports/Comments
- 10. Town Manager Report
- 11. Next Meeting Agenda: Regular Meeting October 11, 2022; Joint Meeting with Provincetown Select Board October 24, 2022

Agenda Item: 4A & 4B



# TOWN OF TRURO Select Board Agenda Item

**DEPARTMENT:** Administration

**REQUESTOR:** Noelle Scoullar, Executive Assistant

**REQUESTED MEETING DATE:** September 27, 2022

ITEM: Interview and Possible Appointment of Applicant(s) to Serve on Walsh Property

**Community Planning Committee** 

**EXPLANATION:** The current term for members serving on the Walsh Property Community Planning Committee (WPCPC) expires October 13, 2022. There are currently 14 members and 1 (non-voting) student liaison, and the current number of seats on the WPCPC is 15. 13 members have reapplied, along with the student liaison, leaving two vacancies on the Committee. At previous meetings, the Board has discussed decreasing the number of members on the Board and indicated in the charge "MEMBERSHIP: The WPCPC will be composed of fifteen members and membership may be decreased by an even number of seats by a vote of the Select Board, so that an uneven number of seats remain in accordance with Town Charter, Section 6-2-5."

Two applicants have submitted applications to serve. If the Board would like to reappoint all of the existing members that have re-applied, then the Board will need to consider if one or both of the applicants should be appointed OR if neither applicant should be appointed and the Committee's charge should be revised to include a total of thirteen members. A subsequent agenda item is included in case the Board wishes to revise the charge to decrease membership.

Raphael Richter and Jeffrey Fischer have applied to serve. In addition to their applications, the application form that was previously used by former consultant, Stacie Smith, of the Consensus Building Institute, is included in the packet. As a reminder, as this is an Ad Hoc committee, appointments should be for one year.

FINANCIAL SOURCE (IF APPLICABLE): N/A

**IMPACT IF NOT APPROVED:** If both candidates are appointed and all reapplying members are appointed, there will be a full complement of 15 members. If one candidate is appointed and all reapplying members are appointed, there will be a vacancy of one seat on the Committee. If neither candidate is appointed, the Board may choose to decrease the membership to 13 in a subsequent agenda item. If one or both candidates are appointed and the Board wishes to change the charge to decrease membership on the Committee, only eleven of the thirteen reapplying members may be reappointed.

**SUGGESTED ACTION:** Motion to Appoint {Raphael Richter, Jeffrey Fischer} to the Walsh Property Community Planning Committee for a one-year term expiring October 13, 2023.

### **ATTACHMENTS:**

- 1. Applications to Serve
- 2. Walsh Property Community Planning Committee Blank Application Form
- 3. Co-Chair Comments

#### Truro

### Application to Serve on a Board or Committee

ROUD 20225EP1 putilit **Last Name** ADMINISTRATIVE OFFICE TOWN OF TRURO Richter **First Name** Raphael Middle Initial **Email Address Phone Number** Address (Street) 6 snows rd Address (City) Truro Address (State) Ma Address (Zip Code) 02666 Mailing Address (Please indicate box number and zip code) P.O. Box 656, 02666 Only full-time, registered Truro voters are able to serve on

non-regulatory boards and commissions.

regulatory boards and commissions. All taxpayers/ residents are eligible to serve on

Are you a full-time resident of Truro?
[*] Yes
[ ] No
Are you registered to vote in Truro?
[*] Yes
[ ] No
What Board/ Committee Are You Applying For?
Walsh planning committee
Briefly Describe Why You Wish to Serve on This Board or Committee:
I wish to see the property used primarily for the purpose of stabilizing our community's severe housing
crisis and making Truro a livable and attractive community for diverse families of all ages and backgrounds.
Have you attended a meeting of the committee listed above?
[*]Yes
[ ] No
Have you read the charge of the committee?
[*]Yes
[ ] No
Have you met with the chair of the committee?
[ ]Yes
[*] No
Have you read the Select Board's current Goals and Objectives?
[*]Yes
[ ] No
Do you have any questions or concerns about any Select Board Goals that are relevant to the board/committee on which you are applying to serve?
[ ]Yes
[*] No

If you have any questions or concerns about any Select Board Goals that are relevant to the board/committee on which you are applying to serve, please elaborate.

Are there other Boards/ Committees in which you are interested? Note: To be appointed to a regulatory board or committee, you must be a full-time resident and registered voter in Truro. Please list the Boards/ Committees names:

Briefly list your experience working on a committee or team. This can be professional, town, volunteer, charity, etc.

<u>Currently serve on Fincom and Charter Review. Former Provincetown Select Board chair, fincom member, licensing board member</u>

Briefly list any other relevant experience such as professional work, training, education, etc. A resume is NOT required. If you choose to attach a resume, it will become a public document.

CEO of Mercedes Cab Company Inc.

Signature

Raphael richter

Date

Sep 01, 2022



# TOWN OF TRURO

P.O. Box 2030, Truro MA 02666

Tel: (508) 349-7004 Fax: (508) 349-5505

# APPLICATION TO SERVE ON THE WALSH PROPERTY COMMUNITY PLANNING COMMITTEE (WPCPC)

NAME:		HOME TELEPHONE:WORK PHONE :					
ADDRESS:							
MAILING A	ADDRESS:	E-MAIL:					
FAX:							
	ne following demographics and pe ic characteristics, but no more that						
Please rank in	tradesperson youth student young family senior resident local business owner	fordable housing oppo on and open space nee nment, habitat, and eco opportunities	eleast concerned about) ortunities				
as necessary	:	_	elete your responses on additional sheets articulate the perspectives you selected				
above:							

Please explain your ability to engage in respectful and constructive dialogue with other participants, maintain an open mind, and seek creative options that respond to the interests of other participants as well as your own:

Please explain your contribution to the div	versity of experience, knowledge, expertise, geography, and demographic
	eetings, thoughtfully listen to public and constituent perspectives, and
Any Other Special Qualifications or Inte	erests:
Comments:	
SIGNATURE:	DATE:
***********	**************************************
SIGNATURE:	DATE:
INTERVIEW DATE:	APPOINTMENT DATE (IF APPLICABLE):

Agenda Item: 4A1

### **Noelle Scoullar**

From: Paul Wisotzky

Sent: Wednesday, September 21, 2022 9:07 AM

To: Noelle Scoullar

**Cc:** Fred Gaechter; Nicole Tudor

**Subject:** Re: Application to Serve-Raphael Richter

Hi Noelle,

Apologies for being a bit late on this. Here are our comments. Thank you!

Paul and Fred

Raphael Richter has a demonstrated track record and commitment of public service both in Truro and Provincetown. He is a wealth of knowledge and experience. Raphael is a strong and vocal advocate on housing. The WPCPC is charged with considering all the potential uses for Walsh Property including housing, open space, municipal uses and recreation. Members of the WPCPC are charged to "maintain an open mind" when considering all the potential uses for the Walsh property.

Paul Wisotzky (He/Him/His)
Studio Potter and Educator



On Sep 12, 2022, at 1:18 PM, Noelle Scoullar <nscoullar@truro-ma.gov> wrote:

Hi Gentlemen,

Please review this application to serve. Mr. Richter is not an incumbent, and will need to be interviewed. SB request that new applicants have comments/recommendations from the Chairs. Please send your comments to me by Monday the 19<sup>th</sup>.

Thank you!

#### Noelle

From: Noelle Scoullar

Sent: Thursday, September 1, 2022 1:17 PM

To: Paul Wisotzky Business

: Fred Gaechter

Cc: Nicole Tudor < <a href="mailto:ntudor@truro-ma.gov">ntudor@truro-ma.gov</a> Subject: Application to Serve-Raphael Richter

Good Afternoon Paul and Fred,

We've received an application from Raphael Richter to serve on the WPCPC. Please review and reply to this email with your comments for the Select Board.

Thank you, Noelle

From: scans@smtp.truro-ma.gov <scans@smtp.truro-ma.gov>

Sent: Thursday, September 1, 2022 1:01 PM
To: Noelle Scoullar < nscoullar@truro-ma.gov >
Subject: Message from Mail Room KM\_C458

This communication may contain privileged or other confidential information. If you are not the intended recipient, or believe that you have received this communication in error, please do not print, copy, retransmit, disseminate, or otherwise use the information. Also, please indicate that to the sender and delete the copy you received. When writing or responding, please remember that the Secretary of State's Office has determined that email is a public record. Please take notice: All e-mail communications sent or received by persons using the Town of Truro network may be subject to disclosure under the Massachusetts Public Records Law (M.G.L. Chapter 66, Section 10) and the Federal Freedom of Information Act <SMail Room 22090113000.pdf>

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Agenda Item: 4B1



# TOWN OF TRURO

P.O. Box 2030, Truro MA 02666

Tel: (508) 349-7004 Fax: (508) 349-5505

### APPLICATION TO SERVE ON THE WALSH PROPERTY COMMUNITY PLANNING COMMITTEE (WPCPC)

NAME: Jeffrey M Fischer

HOME TELEPHONE:

ADDRESS: 13 Cranberry Ln, Truro

**WORK PHONE: None** 

MAILING ADDRESS: PO Box 748, Truro MA 02666

E-MAIL:

FAX: None

Which of the following demographics and perspective categories do you fit (can select one or more demographic characteristics, but no more than one primary interest/perspective):

RESIDENCY: X year-round resident

□ seasonal

□ part-time (6 months or more)

tradesperson

vouth

student

young family

X senior resident

local business owner

cultural or arts institution

abutter

RCUT) 2022SEP22 pm2:43

ADMINISTRATIVE OFFICE

TOWN OF TRURO

Please rank in order of importance to you (1=most concerned about; 5=least concerned about)

- \_1\_ primarily interested in housing/affordable housing opportunities
- \_2\_ primarily interested in conservation and open space needs
- \_2\_ primarily interested in the environment, habitat, and ecosystems
- \_2\_ primarily interested in recreation opportunities
- \_2\_ primarily interested in other development needs

Please describe how you meet the following criteria. You may complete your responses on additional sheets as necessary.

Please explain your ability to help represent the demographics and/or articulate the perspectives you selected above:

My understanding is that the Walsh Property Community Planning Committee will make decisions based upon community input, so I am open to, and interested in, any and all of the perspectives listed above. However, for me, the most important issue is affordable housing for families and workers. When I was raising my family, it was a real financial stretch to purchase a home. Housing prices in Truro today are so high I don't know how any young person. family, or even middle-income people can afford to live here. And, as I'm sure you're aware, this makes it difficult for businesses to hire and retain employees.

As for the other perspective outlined above, I feel they are all equally important. As one of the few remaining developable pieces of land in Truro the property could support many uses. As a retired hydrologist with over 40 years' experience, I understand the need for conserving open space and maintaining habitats and ecosystems. However, I also understand the town needs space for municipal and commercial development, and if carefully developed the property could support these many uses.

Please explain your ability to engage in respectful and constructive dialogue with other participants, maintain an open mind, and seek creative options that respond to the interests of other participants as well as your own:

As a scientist, manager, and advisory committee member I've learned to keep an open mind because many times other people's ideas improved our studies. As a project manager I found it best to get input from team members to ensure work was conducted in an efficient manner to meet project goals, and avoid mistakes. As I took on more responsibilities, primarily working the Delaware River Basin, I was responsible for leading large liaison committees composed of people from multiple state agencies, non-governmental organizations, and concerned citizens. These groups had diverse opinions and it was necessary to let everyone express opinions as to the best way to conduct our studies, and try our best to incorporate those ideas.

Please explain your contribution to the diversity of experience, knowledge, expertise, geography, and demographics:

I have wide-ranging interests in many areas. As a working hydrologist I've developed extensive knowledge related to land use and how it affects water availability and quality, as well as ecological health. I've worked in many environments, including the New Jersey and Long Island Coastal Plains, with geology and ecologies similar to those of Cape Cod. I enjoy hiking, biking, swimming, and the many cultural activities the area provides. Having grown up and lived in many suburban and rural areas I understand the need to develop land carefully to provide the greatest benefit to all.

Please explain your ability to attend all meetings, thoughtfully listen to public and constituent perspectives, and participate actively in discussions:

Over my career I've served on numerous committees and understand the need to attend so as not to miss important information. I am very serious about my commitments and I certainly have the time as a retiree. In general, I try to be a careful listener, and I am not afraid to voice my opinion, but only after careful consideration.

If I had not been able to listen to and understand different perspectives I would not have progressed as far as I did in my career. I almost always have thoughts on how things should work, but am open to other opinions because they can point out things I've overlooked and improve the outcome we're trying to achieve. Even when I disagree with someone, I have always allowed them to speak their mind in a respectful manner.

Any Other Special Qualifications or Interests:

Please see attached biography.

#### Comments:

I am very interested in planned development of the Walsh property and how the competing interests can best be met.

**************************************	SIGNATURE:	DATE:
		DATE

### Jeffrey Fischer Biography - Walsh Property Community Planning Committee

I have been vacationing with my family in Truro and Wellfleet for over 40 years. My wife and I had always dreamed of retiring on the Cape, and were fortunate to find a home on Cranberry Lane in Truro. After retiring we moved here from New Jersey in the summer of 2020 and have been full-time residents ever since. I enjoy reading, outdoor activities (astronomy, gardening, hiking, biking, and swimming), and cultural events. I also volunteer at the National Seashore and count herring on the Herring River.

Prior to retirement I served as Associate Director for the U.S. Geological Survey New Jersey Water Science Center. In this role I was responsible for overseeing interpretive studies at our Center on surface water, groundwater, and water quality. In my 40 years working as a hydrologist I've overseen and conducted studies that used a variety of analytical and modeling techniques to better understand issues related to land use effects on water supply, water quality, and ecological conditions in groundwater, streams, and estuaries. Over my career I've lived and worked in California, Nevada, New Jersey, and the Delaware River Basin. Up until retirement I served on numerous scientific advisory committees including for the Delaware Bay and Barnegat Bay Estuary Programs.

Agenda Item: 5A



# TOWN OF TRURO

# **Select Board Agenda Item**

**DEPARTMENT: Public Works** 

**REQUESTOR:** Jarrod Cabral, Public Works Director

**REQUESTED MEETING DATE:** September 27, 2022

ITEM: Staff Update on Eagle Neck Creek Culvert Replacement/Old County Road and Other

**Environmental Projects** 

**EXPLANATION:** Public Works Director Jarrod Cabral will provide an update to the Board and the community on the Eagle Neck Creek Culvert Replacement and Old County Road impacts, as well as updates on the Truro Center Road culvert, Mill Pond culvert, Little Pamet and East Harbor projects.

FINANCIAL SOURCE (IF APPLICABLE): N/A

**IMPACT IF NOT APPROVED: N/A** 

SUGGESTED ACTION: None. Report only.

**ATTACHMENTS:** 





# TOWN OF TRURO **Select Board Agenda Item**

**DEPARTMENT:** Administration

**REQUESTOR:** Noelle Scoullar, Executive Assistant

**REQUESTED MEETING DATE:** September 27, 2022

**ITEM:** Take Care Cape Cod Campaign

**EXPLANATION:** Jill Talladay, Executive Director for CARE for the Cape & Islands, will be present the Take Care Cape Cod Campaign. The Take Care Cape Cod campaign was adopted in 2019 after Jill Talladay, Executive Director for CARE for the Cape and Islands, learned of a similar campaign in Lake Tahoe that yielded positive results for that area. Jill brought Take Care to Cape Cod, and now Cape Cod is the second site in the country to adopt this campaign to help educate visitors and year-round residents about how we can all join together to preserve our precious Cape Cod.

For more information, visit <a href="https://takecarecapecod.org/">https://takecarecapecod.org/</a>

FINANCIAL SOURCE (IF APPLICABLE): N/A

**IMPACT IF NOT APPROVED:** None-presentation only

**SUGGESTED ACTION: None** 

#### **ATTACHMENTS:**

1. Take Care Cape Cod Presentation

Agenda Item: 5A



# TAKE CARE CAPE COD

https://takecarecapecod.org/

# CARE About a Clean Cape & Islands Summit

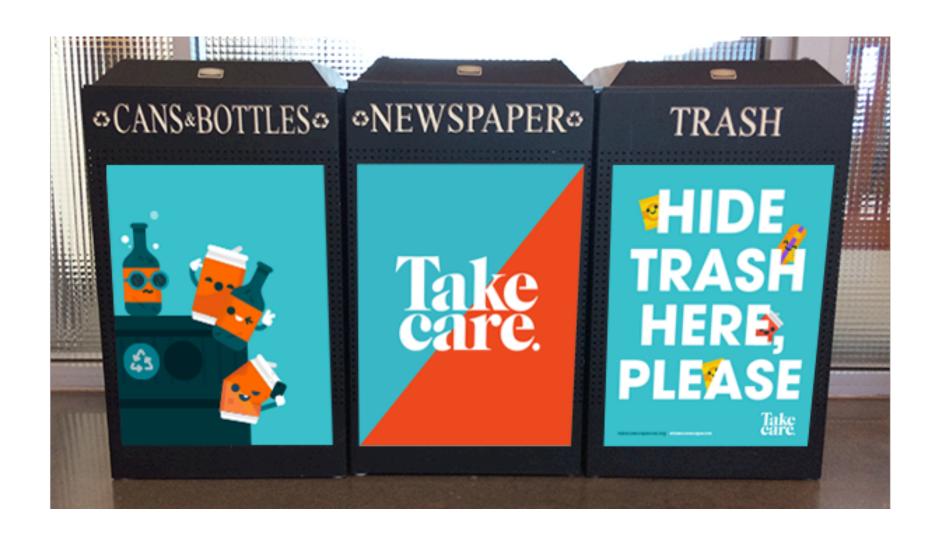


# Universal Messaging Campaign

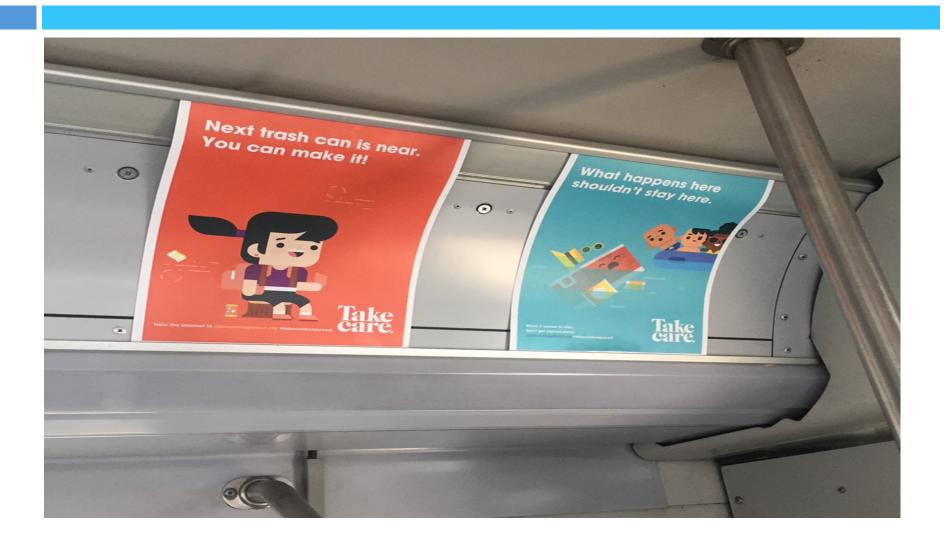
# The Take Care Campaign is:

- □ Joyful, collaborative, clever
- Communicating without commanding
- Messages impossible to avoid
- Creates a culture of caretaking
- Small reminders that poke fun at our mistakes when not paying attention





# Cape Cod Regional Transit









#### We're all in this together. I pledge to take care of Cape Cod...

takecarecapecod.org #takecarecapecod

ш	Use filling stations & carry water in reusable bottles.
	Keep Wildlife Safe Never feed seals or seagulls, even accidentally.
	Leave No Trace® Pack it in, pack it out. All trash belongs in the can.
	If it's Your Dog, it's Your Doody Be #1 at picking up #2.
	Stop Fertilizer Run-Off

Ш	Stop	Fertilizer	Run-Off		
_	Nitrog	en fertilizer	s damage	marine	ecosystems

$\neg$	Drink	Like	a Fisl	h, Sk	ip t	he :	Straw
	Help re	duce :	single	use p	lasti	cs.	

П	Bat	ten	Dov	νn	the	Tra	shes	!
								aboard.

П	Beach Responsibly
	No stuff left behind. Do whatever it takes to take
	whatever you brought.





# Welcome to CAPE COD

Pledge to Take Care of Cape Cod...



- Drink Like a Fish Skip the straw and carry a reusable water bottle.
- **Keep Wildlife Safe** Never feed seals or seagulls, even accidentally.
- If it's Your Dog, it's Your Doody Be #1 at picking up #2.



- **Batten Down** the Trashes! Run a tight ship. Keep your trash aboard.
- Beach Responsibly No stuff left behind. Do whatever it takes to take whatever you brought.



We're All in This Together.

#takecarecapecod





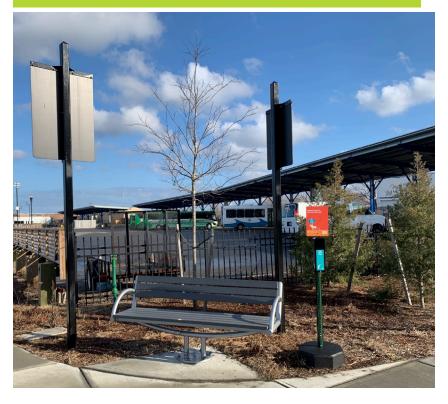


# Bourne & Barnstable

# **Town of Bourne**



# **Town of Barnstable**



# Yarmouth Signage

# **Recreation Areas**



# **Transfer Station**



# Cape Cod Recycles-Chatham

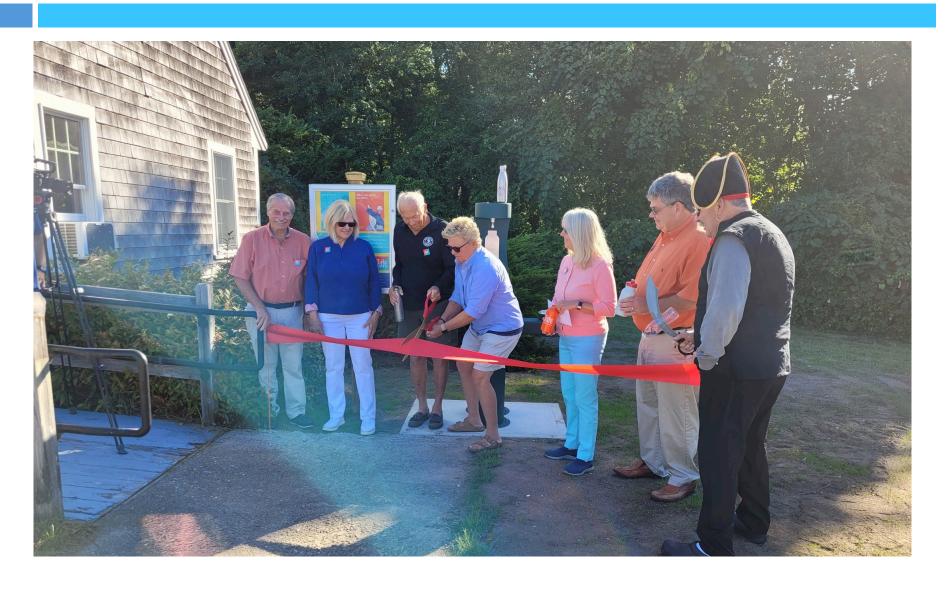
## **Recreation Areas**



# **Public Recycling Bins**



# Eastham Visitor Information Center New Water Refill Station



# Campaign Successes

- Adapted characters and messages to Cape Cod
- □ Interactive Website
- □ Free Downloadable Toolkit
- Adopted by Barnstable, Bourne, Chatham,
   Eastham, Yarmouth
- Chamber visitor guidebook messaging
- Solution Based-Education, filling stations, butt collectors, cleanup events

# How You Can Help CARE & Take Care

- Identify specific locations that would benefit from the campaign
- Assist with procedures for approval
- Share our campaign
- □ Attend our summits
- □ Become a Sponsor

# Driving Change on the Cape & Islands: There is no 'away' for roadside trash

Thursday, November 3, 2022 8:30am - 1pm Heritage Museums and Gardens

As we know, our environment is our economy and it's important to keep our roadways and public spaces clean. Attend the summit and hear from state officials, local managers, industry leaders and community members on how we can Drive the Change to clean highways on Cape Cod.

# **Register here**

**Contact us for sponsorship information:** 

hello@takecarecapecod.org 508-760-8187

https://takecarecapecod.org/





Jill Talladay, Executive Director

CARE for the Cape & Islands(CARE)

www.careforthecapeandislands.org

<u>jill@careforthecapeandislands.org</u>

# Thank You!

Agenda Item: 7B



# **TOWN OF TRURO**Select Board Agenda Item

**DEPARTMENT:** Administration

**REQUESTOR:** Stephanie Rein, Select Board Member

**REQUESTED MEETING DATE:** September 27, 2022

ITEM: Discussion and Possible Approval of Revised Charge for Walsh Property Community

**Planning Committee** 

**EXPLANATION:** As the Board has discussed in the past and as is outlined in the charge, the Walsh Property Community Planning Committee has a membership of 15 that the Board may wish to decrease as attrition occurs. With the reappointments of the Committee scheduled to occur tonight, there are only 13 of the 14 current members that are re-applying to serve. The Board may wish to decrease membership to 13, which would mean that only 13 of the 15 applicants (13 reapplying and 2 new applicants) could be appointed to the Committee. Alternatively, the Board could choose to make no revision to the charge and appoint up to 15 candidates.

Included for the Board's consideration is the current charge and a redlined version that would decrease membership from 15 to 13 members.

Please note that "members" refers to all voting members of the Walsh Property Community Planning Committee. The membership total does not include the Select Board Liaison or the non-voting student liaison.

FINANCIAL SOURCE (IF APPLICABLE): N/A

**IMPACT IF NOT APPROVED:** The charge will not be revised.

#### SUGGESTED ACTION:

Motion to approve the revised charge for the Walsh Property Community Planning Committee and to electronically sign.

**OR** Take no action.

#### **ATTACHMENTS:**

- 1. Walsh Property Community Planning Committee Charge
- 2. Draft Revised Walsh Property Community Planning Committee Charge

Agenda Item: 7B1



# **TOWN OF TRURO**

P.O. Box 2030, Truro, MA 02666 Tel: 508-349-7004, Extension: 110 or 124 Fax: 508-349-5505

### **Walsh Property Community Planning Committee Charge**

Adopted: October 26, 2021

In accordance with the Truro Town Charter, Section 6-4-4, and Article 11 of the April 30, 2019 Annual Town Meeting, the Select Board hereby establishes the Walsh Property Community Planning Committee as an ad-hoc committee.

#### **PURPOSE:**

At the Annual Town Meeting in April 2019, and ratified by ballot in May 2019, the people of Truro authorized the purchase of the Walsh property for the Town of Truro, to be used for general municipal purposes. The article further authorized and directed the Select Board to create a committee, to include citizen representatives from diverse sectors of the community to lead a community wide process, beginning in June 2019, to engage a wide range of Truro residents in developing plans for the use of the property to be presented at a future town meeting for approval.

#### **APPROACH:**

The purpose of the Walsh Property Community Planning Committee (WPCPC) is to guide the development of plans for the use of the Walsh property. The WPCPC's mandate is:

- a) to embody, engage and include the full range of perspectives (needs, interests and concerns, as well as geographic and demographic groups) of the Town of Truro.
- b) to undertake, analyze and synthesize public input and widespread outreach to maximize involvement, understanding and support for the resulting plan and its implementation.
- c) drawing on active public input and engagement as well as data that describes the current and future needs of the Town and region, the WPCPC will develop and evaluate a range of options, and ultimately prepare a plan for the use(s) of the property to be presented to Town Meeting.

The Chairs will primarily use consensus, but voting might be used as a default if it is apparent that consensus cannot be achieved at appropriate times in the process, as they see fit.

#### **MEMBERSHIP:**

The WPCPC will be composed of fifteen members and membership may be decreased by an even number of seats by a vote of the Select Board, so that an uneven number of seats remain in accordance with Town Charter, Section 6-2-5. As the appointing body, the Select Board will interview and appoint new prospective members. Reappointments will also require appointment by the Select Board. The Select Board will strive to appoint and maintain a

complement of members who collectively reflect the balanced and broad range of perspectives, experiences and demographics of Truro. Members may be from existing Truro boards and committees, as long as those boards and committees do not have official authority over components of the plan.

Although they are selected to help reflect and inform a set of experiences, expertise and demographics, members will serve as individuals, rather than as official liaisons or representatives to any particular group or issue. Collectively, the WPCPC to the best extent possible will reflect the multitudes of perspectives and points of view as well as the demographic composition of the Town of Truro.

All members will be expected to possess interest in the topics under consideration, as well as to demonstrate commitment to working collaboratively and productively on behalf of the WPCPC's objectives. All individuals on the WPCPC should demonstrate the willingness and capacity to engage in respectful and constructive dialogue with other participants, maintain an open mind, and seek creative options that respond to the interests of other participants and stay focused on what is best for the Town of Truro and not their own particular interests.

The WPCPC will be an official Town body, and all members will be subject to state and Town regulations governing such Town bodies, including conflicts of interest law and the Open Meeting Law.

The WPCPC may request, and the Select Board may appoint, liaisons, from the Select Board or from other entities, in accordance with Policy 34: Selectmen Liaison Policy. Liaisons will serve as a conduit of information and a point of contact to and from their respective board and will not have voting authority on the WPCPC.

#### **STAFFING AND RESOURCES:**

The Town Manager will determine appropriate staffing for the WPCPC. Town of Truro staff and departments will serve as technical advisors to the WPCPC, as needed and requested by the participants, through the Town Manager. Technical advisors will help members and the public understand 1) existing site conditions and opportunities/constraints on development, 2) the planning, legal, regulatory, financial, economic, and natural resource implications of options being explored for use of the property, and 3) any other information needs requested by the WPCPC within the expertise of town staff or contracted consultants.

To the extent the WPCPC determines a need for information outside of the available or acceptable expertise of town staff, they can request it. If funding for such advice is needed, the WPCPC can request support through their committee chair(s) from the Select Board in coordination with the Town Manager to enlist additional expertise.

MANIE	Know Reed
Robert Weinstein, Chair	Kristen Reed, Vice-Chair
Anon Cim	Soup J. R
Susan Areson, Clerk	Stephanie Rein
	John K. Such
	John Dundas
	Truro Select Board

Agenda Item: 7B2



## **TOWN OF TRURO**

P.O. Box 2030, Truro, MA 02666 Tel: 508-349-7004, Extension: 110 or 124 Fax: 508-349-5505

Walsh Property Community Planning Committee Charge Adopted: October 26, 2021, Revised September 27, 2022

In accordance with the Truro Town Charter, Section 6-4-4, and Article 11 of the April 30, 2019 Annual Town Meeting, the Select Board hereby establishes the Walsh Property Community Planning Committee as an ad-hoc committee.

#### **PURPOSE:**

At the Annual Town Meeting in April 2019, and ratified by ballot in May 2019, the people of Truro authorized the purchase of the Walsh property for the Town of Truro, to be used for general municipal purposes. The article further authorized and directed the Select Board to create a committee, to include citizen representatives from diverse sectors of the community to lead a community wide process, beginning in June 2019, to engage a wide range of Truro residents in developing plans for the use of the property to be presented at a future town meeting for approval.

#### **APPROACH:**

The purpose of the Walsh Property Community Planning Committee (WPCPC) is to guide the development of plans for the use of the Walsh property. The WPCPC's mandate is:

- a) to embody, engage and include the full range of perspectives (needs, interests and concerns, as well as geographic and demographic groups) of the Town of Truro.
- b) to undertake, analyze and synthesize public input and widespread outreach to maximize involvement, understanding and support for the resulting plan and its implementation.
- c) drawing on active public input and engagement as well as data that describes the current and future needs of the Town and region, the WPCPC will develop and evaluate a range of options, and ultimately prepare a plan for the use(s) of the property to be presented to Town Meeting.

The Chairs will primarily use consensus, but voting might be used as a default if it is apparent that consensus cannot be achieved at appropriate times in the process, as they see fit.

## **MEMBERSHIP:**

The WPCPC will be composed of thirteen members and membership may be decreased by an even number of seats by a vote of the Select Board, so that an uneven number of seats remain in accordance with Town Charter, Section 6-2-5. As the appointing body, the Select Board will interview and appoint new prospective members. Reappointments will also require appointment by the Select Board. The Select Board will strive to appoint and maintain a

complement of members who collectively reflect the balanced and broad range of perspectives, experiences and demographics of Truro. Members may be from existing Truro boards and committees, as long as those boards and committees do not have official authority over components of the plan.

Although they are selected to help reflect and inform a set of experiences, expertise and demographics, members will serve as individuals, rather than as official liaisons or representatives to any particular group or issue. Collectively, the WPCPC to the best extent possible will reflect the multitudes of perspectives and points of view as well as the demographic composition of the Town of Truro.

All members will be expected to possess interest in the topics under consideration, as well as to demonstrate commitment to working collaboratively and productively on behalf of the WPCPC's objectives. All individuals on the WPCPC should demonstrate the willingness and capacity to engage in respectful and constructive dialogue with other participants, maintain an open mind, and seek creative options that respond to the interests of other participants and stay focused on what is best for the Town of Truro and not their own particular interests.

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#### STAFFING AND RESOURCES:

The Town Manager will determine appropriate staffing for the WPCPC. Town of Truro staff and departments will serve as technical advisors to the WPCPC, as needed and requested by the participants, through the Town Manager. Technical advisors will help members and the public understand 1) existing site conditions and opportunities/constraints on development, 2) the planning, legal, regulatory, financial, economic, and natural resource implications of options being explored for use of the property, and 3) any other information needs requested by the WPCPC within the expertise of town staff or contracted consultants.

To the extent the WPCPC determines a need for information outside of the available or acceptable expertise of town staff, they can request it. If funding for such advice is needed, the WPCPC can request support through their committee chair(s) from the Select Board in coordination with the Town Manager to enlist additional expertise.

Kristen Reed, Chair	Robert Weinstein, Vice-Chair
John Dundas, Clerk	Stephanie Rein
	Susan Areson
	Truro Select Board

Agenda Item: 7C



# **TOWN OF TRURO**Select Board Agenda Item

**DEPARTMENT:** Administration

**REQUESTOR:** Susan Areson, Select Board

**REQUESTED MEETING DATE:** September 27, 2022

ITEM: Discussion and Possible Approval of Revised Select Board Policy 13: Appointment Policy

**EXPLANATION:** As discussed by the Board at the June 14, 2022 meeting and the July 26, 2022 meeting, the Board wishes to revise Select Board Policy 13: Appointment Policy. Select Board Member Areson prepared draft revisions to the policy for the Board to discuss and based on feedback from the July 26, 2022, she has made further revisions for the Board's consideration. The final draft of the revised policy may be voted on for approval at this meeting or the Board may wish to make additional revisions.

FINANCIAL SOURCE (IF APPLICABLE): N/A

**IMPACT IF NOT APPROVED:** N/A

**SUGGESTED ACTION:** Motion to approve the Revised Select Board Policy 13: Appointment Policy and electronically sign.

### **ATTACHMENTS:**

1. Select Board Policy #13: Appointment Policy

2. Draft Revised Select Board Policy #13: Appointment Policy

Agenda Item: 7C1



# TOWN OF TRURO

P.O. Box 2030, Truro MA 02666 Tel: (508) 349-7004 Fax: (508) 349-5505

## POLICY MEMORANDUM #13

Date: Adopted March 3, 2004; Revised December 5, 2017

Subject: APPOINTMENT POLICY

The Truro Board of Selectmen hereby adopts the following policy for appointments to the Town's multi-member Boards, Committees, and Commissions:

- 1. When a vacancy occurs on an appointed multi-member board, committee or commission, either because a member has resigned before the end of her/his term, or because a member's term is expiring, the Selectmen shall advertise the position as consistent with its advertising policy, stating
  - a. the board, committee, or commission on which the vacancy exists,
  - b. the usual meeting schedule thereof,
  - c. the term length of the vacancy,
  - d. the name of the Chairperson of the board, committee, or commission,
  - e. the availability of application forms,
  - f. the length of time during which applications will be accepted, and
  - g. the fact that the Selectmen will consider only written applications.
- 2. The Selectmen shall accept applications for vacancies for at least two weeks after the public notice is posted. A copy of an application from that may be used is attached hereto. The Selectmen will also consider a letter, describing qualifications and interest in serving, written by anyone who wishes to use that alternative method of applying. No verbal applications will be considered.
- 3. The Selectmen shall follow the same procedure in every case, except that, in the case of a member whose term is expiring, The Selectmen shall ascertain, as a matter of courtesy, whether or not said member would like to continue. If the member does wish to continue to serve, she/he must apply for consideration in the usual manner. The Selectmen will not automatically reappoint a current member, but, in order to ensure healthy turnover on multimember boards and to give more citizens the privilege of service, the Board of Selectmen will give equal weight to all applications, including those of current members who wish to continue.
- 4. The Selectmen shall attempt to interview all applicants before making new appointments. In some circumstances, if an applicant is well known to the Board and cannot attend the meeting at which interviews are held, the Selectmen may waive a personal interview.

- 5. Only full-time Truro residents/voters may be considered for appointment to regulatory boards, committees, and commissions. In the case of non-regulatory boards, committees, and commissions, however, the Selectmen will consider for appointment full-time residents and non-resident taxpayers, giving preference to registered voters, all other things being equal.
- 6. Membership on all boards, committees and commissions require adhering to Policy 54: Standards of Professional Conduct and the Massachusetts State Ethics Commission's Conflict of Interest Law. The acknowledgement for Policy 54 must be completed prior to serving on a board, committee, or commission and must be completed again annually by all members of boards, committees and commissions. The summary of the State's Conflict of Interest law must be signed prior to serving on a board, committee, or commissions. The State's Conflict of Interest Law online training program must be completed prior to serving on a board, committee, or commission and must be completed again on a biennial basis by all members of boards, committees and commissions.
- 7. The Board of Selectmen will write letters of thanks to all members of multi-member boards, committees, and commissions who elect to serve no longer-at end of term, for personal reasons, or illness, or any other reason.

Paul Wisotzky, Chair

Maureen Burgess Vice-Chair

Robert Weinstein, Clerk

Janet Worthington

Court 13

Board of Selectmen

Town of Truro

**PURPOSE:** The Select Board welcomes a diversity of membership on all of its appointed multi-member boards, committees and commissions. This policy provides general information about serving on a town body and aims to ensure consistency and fairness in the Select Board's appointments.

There are four types of boards to which the Select Board makes appointments:

- Advisory, which are given a charge by the Select Board and make recommendations.
- Ad hoc, which are appointed for a specific purpose for a specific period of time to complete a task.
- Regulatory, which are governed by both Massachusetts General Law and local regulations.
- Adjudicatory, which are governed by both Massachusetts General Law and local regulations, and consider individual cases brought before it.

At times, the Select Board will make appointments to fill a vacancy on an elected board. The interviews and appointments are made jointly with the members of the board on which the vacancy occurs.

Only full-time Truro residents/voters may be considered for appointment to regulatory boards. The Select Board may consider non-resident taxpayers for appointments to non-regulatory boards. The Select Board has sole discretion to make appointments as it considers to be in the best interests of the town.

**PROCEDURES:** When a vacancy occurs on an appointed board, committee or commission – due to resignation or expiration of a member's term – the Select Board shall advertise the position(s), including these details:

- The name of the board, committee, commission and name of its current chair
- The term(s) of the vacancy/vacancies
- The typical meeting schedule
- How to obtain an application form
- When online/written applications are due

All applicants for boards, committees and commissions shall fill out a written application to serve, either online or on paper. Board, committee and commission members who are seeking reappointment must also reapply, answering the relevant questions based upon their service. New applicants seeking to serve will be given the same consideration as members seeking reappointment.

Applicants for vacancies will be interviewed as soon as they can be accommodated on the Select Board's agenda. If there are multiple candidates for a position (or positions), all applicants will be interviewed at the same meeting. If that is not possible, the Select Board will wait until all applicants have been interviewed before making the appointment(s).

The same questions, listed below, will be asked of all applicants, though Select Board members may have follow-up questions of some applicants, based upon responses in their written applications or their interviews. Applicants will receive the questions in advance of being interviewed.

As part of the application process, board, committee, commission chairs will be asked to comment on each applicant, whether a new candidate or a member seeking reappointment.

The Select Board will use the following protocols in interviewing applicants:

Agenda Item: 7C2

- Questions will be related to the board, committee or commission on which the applicant wants to serve.
- Questions asked of applicants for regulatory and adjudicatory bodies will avoid seeking opinions
  on matters that are governed by local or state regulations or opinions on matters that are likely
  to come before the board.
- Comments from the board, committee or commission chair will be considered either submitted in writing with the application or live during the interview process.

After all applicants have been interviewed, prior to any nominations, all members of the Select Board will have the opportunity to express their preferences for filling the position(s). Nominations for the position(s) will be taken and voted upon after all Select Board discussion.

If the Select Board chooses to leave a position vacant, the applicant(s) will be given an explanation.

The Select Board will write letters of thanks to all members of boards, committees and commissions who finish their service, either through resignation or at the end of their terms.

#### **QUESTIONS:**

## For all applicants:

- 1. Please tell us about yourself and why you are interested in joining the \_\_\_\_\_ board, committee, commission.
- 2. Are there any specific skills that you would bring to the workings of this group?
- 3. Tell us about any experience you have had working in a group setting.
- 4. Do you have a sense of the time required to serve and are you able to make that commitment?

For regulatory and adjudicatory boards, committees, commissions:

- 1. Have you reviewed the relevant local/state laws and regulations that govern this board, committee, commission?
- 2. Are you able to make decisions based on the information presented in a case and applicable laws/regulations, regardless of personal opinion?

For advisory boards, committees, commissions:

- 1. Have you followed the work of this group?
- 2. Are there any ideas or projects you would suggest or pursue as a new member?

**OATH OF OFFICE:** Written notification of appointment is issued to newly appointed board members, who must report to the Town Clerk's office to be sworn in. Elected and appointed officials must sign an acknowledgement of receipt of information on the state's Open Meeting Law. They also must complete state-mandated online ethics/conflict-of-interest training, required every two years. Members of all boards will be given the Truro Boards, Committees and Commissions Handbook.

Newly appointed members are expected to familiarize themselves with the charge and the workings of the board to which they are appointed. They must also adhere to protocols in seeking any assistance from town staff.

TERM OF OFFICE: The full term of office for most positions on appointed boards, committees and commissions is three years, ending on June 30 of the third year. Terms are staggered to assure continuity as new members are elected or appointed.

**RESIGNATION:** If a board member can no longer fulfill the duties of office, the member must submit a written resignation, including the effective date, to the appointing authority, with a copy to the board chairperson and the Town Clerk. The Select Board encourages board members who resign to specify their reasons, if other than personal. This may be done through an exit interview with the board chair or the Select Board liaison

**ATTENDANCE:** If a member or alternate member of an appointed board is absent for four consecutive meetings without approval by the rest of the board, the chair will alert the appointing authority and that member will be replaced.

**RECALL / REMOVAL:** Members of appointed boards may be removed by the appointing authority if they are found to violate professional codes of conduct. The town charter provides that any appointed board member may be suspended or removed from office for good cause. These include: incapacity other than temporary illness; inefficiency and/or inability to perform assigned tasks; insubordination and/or refusal to carry out lawful instructions; or conduct unbecoming to the office and/or which reflects adversely upon the town.

Agenda Item: 7D



# TOWN OF TRURO Select Board Agenda Item

**DEPARTMENT:** Health & Conservation Department

**REQUESTOR:** Emily Beebe

**REQUESTED MEETING DATE** September 27, 2022

**ITEM:** A Discussion on the Walsh property planning options

**EXPLANATION:** The Walsh property is located within the Zone 2 wellhead protection area for the North Union Field Municipal water supply wells. Scott Horsley, Water Resources Subject Matter Expert Consultant, will present information to the Select Board about how the Town may move forward in planning for development on the Walsh property, while simultaneously achieving a net water quality improvement in the Zone 2 protection area compared to existing conditions.

FINANCIAL SOURCE (IF APPLICABLE): N/A

**IMPACT IF NOT APPROVED:** N/A

**SUGGESTED ACTION:** None. Presentation and discussion only.

## **ATTACHMENTS:**

- 1. Memo from Scott Horsley 9-15-2022
- 2. Report from Thomas Cambareri
- 3. Report from Tighe & Bond 1-5-2022

## **Scott Horsley**

## Water Resources Consultant 65 Little River Road • Cotuit, MA 02635 • 508-364-7818

#### **MEMORANDUM**

TO: Truro Selectboard

FROM: Scott Horsley, Water Resources Consultant RE: Walsh Property – Drinking Water Protection

DATE: September 15, 2022

I have reviewed the recent reports prepared by Tighe & Bond dated January 7, 2022 and Sole Source Consulting dated August 24, 2022 relative to the Walsh property. I understand that the town has an interest in the possible development of the Walsh property and that it is within the Zone 2 Wellhead Protection Area to North Union Field (NUF) public water supply wells.

I believe that it is possible to provide for both uses of the property with careful planning and design. The long-term protection of public drinking water supplies requires stringent land use controls and appropriate wastewater treatment technology.

Required land use controls within drinking water supply areas include the preservation of a 400-foot radius around each public water supply well to be sited on the property. These areas are referred to as Zone 1 protection areas and measure approximately 11.5 acres. No development is allowed in Zone 1 areas.

A second level of protection is also required for those land areas which contribute groundwater recharge that flows to the wells under pumping conditions. These areas are referred to as Zone 2 areas. Development within Zone 2 areas must be limited to safe levels that will not threaten water quality.

A conservative approach to site planning for the Walsh property would include the development of a cluster/neighborhood wastewater treatment facility that would result in a net water quality improvement compared to existing conditions. This could be accomplished by collecting some of the existing untreated wastewater sources within the Zone 2 area and including it within a cluster/neighborhood wastewater treatment facility.

The Truro Central School is a potential site for a cluster/neighborhood wastewater treatment facility. It has an existing Title 5 wastewater system with a design flow of 3500 gallons/day that could be upgraded and expanded to process wastewater from potential development on the Walsh property, the school, and additional single-family homes in the adjacent neighborhood as desired. This could result in a net reduction of nitrogen loading within the Zone 2 area.

I have prepared a nitrogen loading model that can be used to evaluate various development scenarios for the Walsh property and to determine the required offsets associated with the collective treatment of existing untreated wastewater within the Zone 2 area to result in a net water quality benefit and enhanced protection for the public water supply.

#### Thomas C. Cambareri

Hydrogeologist -Water Resource Management Certified Ground Water Professional Licensed Site (Cleanup) Professional

> Sole Source Consulting LLC 62 Joan Road Centerville, MA 02632 508-364-2644 tomcambareri@gmail.com August 24, 2022

# Groundwater Protection Priorities for the Walsh Property Master Plan to Sustain Long Term Drinking Water Availability and Quality

#### Abstract

Because of the importance of the Walsh property to the water supply, the goals of the Walsh Master Plan should account for sustained drinking water protection for Truro and Provincetown. The Pamet Lens is the sole source of municipal drinking water for the Towns of Truro and Provincetown, and the Walsh property sits near the apex of the water table. To date, adjacent municipal wells at North Union Field supplying almost half of the municipal water have enjoyed an intrinsic land use protection due to the siting of the wells in undeveloped lands drawing from the highest water level of the Pamet Lens. This has resulted in drinking water with an unimpacted level of nitrates on the order of 0.3 to 0.5 mg/L. The water system, in addition to serving Provincetown, also serves Beach Point, parts of North Truro, the Public Safety Facility, and Truro Central School.

A summary hydrogeologic evaluation is provided, concluding that groundwater from the entirety of the Walsh property flows to the North Union Field wells, in large part due to the pressure exerted on the water table by these high production-rate wells. A summary analysis of possible increased demand for water pumping is also provided, with implications for the protection of the future water supply, and possible well sitings. Specific findings and recommendations are provided.

## Introduction

I was retained by the Truro Environmental Defense Fund Inc (TEDFund) to evaluate groundwater protection requirements for potential development of the Walsh property. This includes a review of the Provincetown Water Supply, the North Union Field wellfield and its hydrogeologic setting, to support goals for sustained drinking water protection in the Walsh Master Plan.

The Pamet Lens is the sole source of municipal drinking water to the Towns of Truro and Provincetown. Under legislative approvals in 1908 and 1954, the Town of Provincetown constructed its first two water supply wellfields at Knowles Crossing and South Hollow. Due to a gasoline release in 1978, Provincetown obtained emergency water from the then North Truro Air Force Station. To secure its own source Provincetown proceeded to permit and construct the North Union Field wellfield. The North Union Field (NUF) wellfield is comprised of two wells (Figure 1). This wellfield is one of 3 serving the Provincetown Water Department and is designed to pump approximately 0.8 Million Gallons Per Day. To put that in perspective, the two large water tanks in Provincetown average about 2.5 million gallons of capacity, so the NUF wells could fill one of those tanks in about 3 days. The NUF wellfield does not require treatment for iron and manganese. NUF supplies approximately 45% of the total supply to the Provincetown Water Department.

This wellfield is located adjacent to the Cape Cod National Seashore directly to the east. This is an ideal location as the undeveloped Seashore poses little threat of contamination and therefore provides sustainable groundwater protection. The undeveloped Walsh property to the south and west presently provides similar protection. The intrinsic land use protection due to the siting of the wells in undeveloped lands results in drinking water with an unimpacted level of nitrates on the order of 0.3 to 0.5 mg/L.

The map in Figure 1 below shows the NUF wells located at the NE corner of the Walsh property. The parcel shown is owned by the Town of Provincetown. It sits above the Pamet Lens of the aquifer.



Figure 1 Location of the North Union Wells adjacent to the Walsh Property

A detailed hydrogeological study was conducted by Provincetown's consultants to fully understand groundwater flow and the area of land that contributes water to the NUF wells and the constraints of saltwater intrusion for the permitting process. Water supply exploration began in 2005. The process to determine safe yield and water quality through the permitting is an onerous process. The final permit application was filed in 2011. The wellfield became operational in 2013.

A large volume well requires a Zone I area of protection that is 800 feet in diameter (400-foot radius), which is 11.5 acres as a circle. Per MassDEP regulations, Zone I must be controlled by the operator through ownership or abutter easement to protect the infrastructure and immediate area around the wells. Provincetown was required to purchase land from the Walsh Trustees to accommodate this regulation, which is why its lot lines are circular (Figure 1).

A high production-rate well requires a recharge area to sustain production without creating a pressure sink that eventually causes saltwater intrusion. MassDEP regulations for high production-rate wells also require the delineation of a larger area referred to as the Zone II which is adopted under the Truro Land Use regulations as Wellhead Protection Areas. Zone II's are the recharge areas that receive precipitation that infiltrates and replenishes groundwater that contributes water to the pumping wells. Land use activities that release contaminants to the ground in the Zone II areas will impact water quality that is pumped by the wells. The green circles in Figure 2 show the Zone I's of the 2 NUF pumping wells. The area in red is the Zone II for the NUF wells.

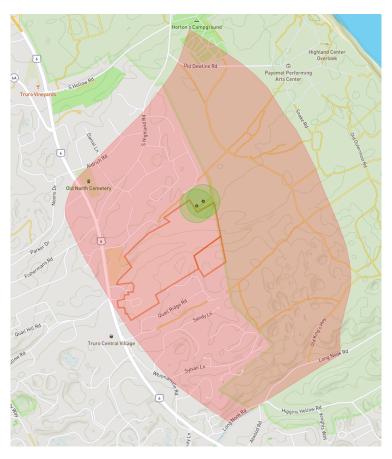


Figure 2 The Zone I's (Green circles) and the Zone II's (Red shading) for the NUF Wells

## **Hydrogeologic Evaluation and Explanation**

To better understand the effect of pumping on the groundwater of the Pamet Lens we evaluated the Zone II hydrogeologic study and Zone II delineation document submitted by Environmental Partners and the modeling results from McClane Environmental, one of the premier engineering consulting firms providing quantitative groundwater services to municipal and government agencies throughout the United States. mclaneenv.com

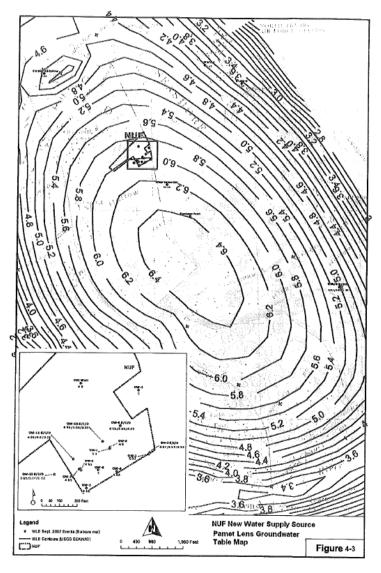


Figure (3) shows the configuration of the Pamet Lens before any pumping from the NUF wells. The apex of the groundwater lens is at 6.4 ft above mean sea level (south of the Walsh Property) with 0.2 ft intervals as the Lens slopes down toward the Bay and the Ocean.

The water table is similar to the 2004 water table map prepared by Michaud and Cambareri (2003¹) of the Cape Cod Commission and groundwater modeling from the USGS² (2004). The 2004 water table configuration shown on the Town's GIS map layer.

Figure 3 Water Table contour lines of the Pamet Lens before any pumping at the NUF wells

<sup>&</sup>lt;sup>1</sup> Michaud and Cambareri, Hydrogeologic Investigation of the Pilgrim, Pamet, Nauset Lenses, Water Table Map of the Outer Cape, Cape Cod Commission, Nov 2003

<sup>&</sup>lt;sup>2</sup> Masterson, J.P., 2004, Simulated interaction between freshwater and saltwater and effects of groundwater pumping and sea-level change, Lower Cape Cod aquifer system, Massachusetts: U.S. Geological Survey Scientific Investigations. Report 2004-5014, 72 p.

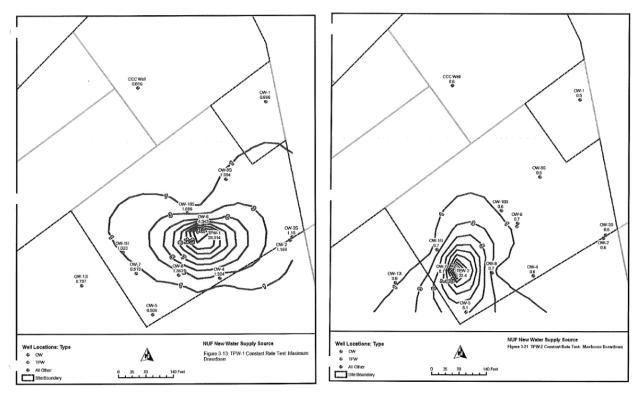
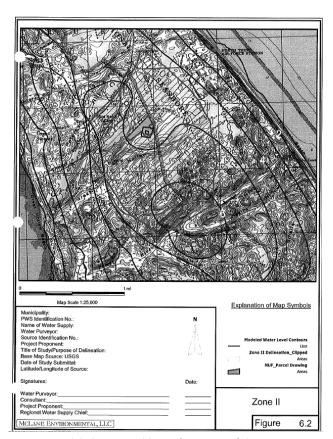


Figure 4 Water Table drawdown caused by pumping at the NUF well sites: TPW-1 and TPW-2

The modeling study simulated the drawdown of the water table caused by pumping at each of the well sites (TPW-1 and TPW-2) (Figure 4). Drawdowns of the water table of greater than 13 ft result from pumping at each wellsite. These significant drawdowns have a dramatic effect on the water table configuration of the Pamet Lens (Figure 5). The apex of the lens at 6 ft is smaller and moves to the south over the Long Nook Rd area. The collective drawdown around the NUF wells of 13 ft causes a convergence of groundwater flow towards the NUF wells from south, east and west that includes the area of the Walsh property. The groundwater model is capable of tracking groundwater flow towards wells and is referred to as "particle tracking." Particle tracking of groundwater flow shows the area of contribution to the wells that is used to delineate the Zone II. The particle tracking results of the model show that the entire Walsh property and some adjoining properties contribute to the NUF wells (Figure 6).

It is recommended that the new water table map (Figure 5) showing the effect of the NUF wellfield be adopted into the Town's and Cape Cod Commission's GIS Layers as the 2004 version is out-of-date. Truro should work with Provincetown to update the observed water table map to reflect the new pumping wells.



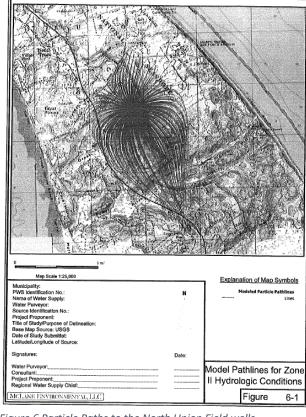


Figure 5 Modeled Water Table Configuration of the Pamet Lens under pumping conditions from the North Union Field wells

Figure 6 Particle Paths to the North Union Field wells

The North Union Field wells are approximately 4,000 feet from the nearest wellfield on South Hollow Rd. Even at that distance, there is interference, creating a "competition" for groundwater from the Pamet Lens. Figure 7 illustrates the competing interaction of the Zone II recharge areas caused by simultaneous pumping of the North Union Field and South Hollow wells with a line of separation approximately along South Highland Rd.

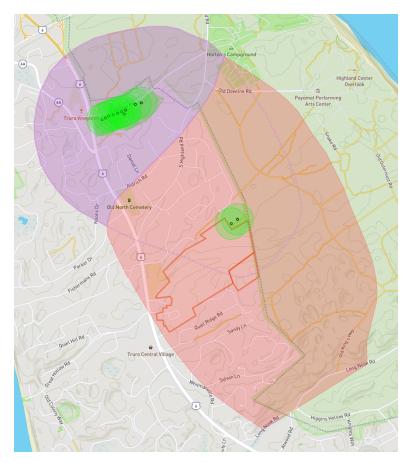


Figure 7 The North Union Field Zone II Area competing for water from the South Hollow Wells Recharge Area

## **Water Supply Protection**

NUF is a critical wellfield for Provincetown. It draws from the highest water level of the Pamet Lens in an undeveloped area which provides pristine drinking water. The Provincetown water system, in addition to serving Provincetown, also serves Beach Point, parts of North Truro, the Public Safety Facility, and Truro Central School; approximately 15 to 20% of the daily water supply production.

Because of the vital reliance on the NUF wellfield, the Walsh master plan must prioritize the goal of groundwater protection. Groundwater modeling (using the updated water table) shows that if contaminants from wastewater, stormwater and other sources is released to the ground in the Walsh property, they will migrate directly towards the NUF wells. It is essential to ensure that only conservation and low-impact recreational uses are allowed in the majority of the Walsh Property. Any development scenario within the Walsh Property will require stringent performance standards, which include frequent monitoring, and credible funding for long-term enforcement with contingencies. Protection goals should also accommodate the placement of new wells in the event that additional pumping capacity is required to support future growth. A demand analysis indicates that additional water supply is a reasonable expectation.

## **Increased Capacity**

Presently Provincetown has a ban on outdoor water usage one-third of the year<sup>3</sup> to reduce its amount of pumping during the summer season and periods of drought. Over-pumping of wells on the small Pamet Lens can create a pressure sink that creates a salt-water intrusion problem, so there is a technical limit to how much a well can pump, and how many wells can be in proximity and share the same aquifer lens.. Provincetown's Water Management Act Permit allows the withdrawal of 850,000 Gallons Per Day. As shown in Figure 4, pumping from a productive well of this capacity can draw down the top of the aquifer by well over 13 feet when pumping.

Presently there are 3 operational wellfields<sup>4</sup> (with a total of 11 wells<sup>5</sup>) comprising the municipal water system, of differing pumping capacities. Assuming the demand for municipal water grows at an annual rate of 1% for the next 40 years<sup>6</sup>, that growth will increase the pumping demand by a total of 47%. That will likely require the addition of wells.

If we plan for 60 years out into the future, at a lower 0.5% growth rate, it will increase the pumping demand by 34%.

So, it seems to be prudent to accommodate the addition of at least 2 wells to meet these growth demands. Not to plan for additional wells is tantamount to a no-growth assumption.

This increased demand could theoretically be reduced if:

- 1. Growth comes from areas of Truro and Provincetown that are primarily private wells. However, Provincetown is almost exclusively municipal water. And Truro's private wells are increasingly experiencing elevated levels of contamination. Rising sea levels will also compromise a number of private wells near the Bay and Ocean. So, this may not be a likely possibility.
- Water usage can be reduced on a per capita basis. Even assuming a reduction of 10% through
  water conservation measures across the board, which will reduce the number of wells to an
  increase of a factor of 1.3 times in the 1% growth / 40-year planning horizon scenario (vs a
  factor of 1.5).

#### **Demand Scenarios**

Figure 8 below shows the relative increase in water pumping demand based on 3 levels of annual growth rates from 0.5% to 1.5%. It then shows what that increase will become based on various planning horizons: 20, 40, 60, 80, and 100 years.

<sup>&</sup>lt;sup>3</sup> <u>https://www.provincetown-ma.gov/475/Water-Department</u> By order of the Provincetown Water and Sewer Board, water use restrictions are in effect from June 1 through October 1 in each calendar year (*Water Rules and Regulations Section 2.18*).

<sup>&</sup>lt;sup>4</sup> https://www.provincetown-ma.gov/Archive.aspx?AMID=1192&Type=Recent

<sup>&</sup>lt;sup>5</sup> South Hollow: 6 active wells, Knowles Crossing: 3 wells, North Union Field: 2 wells

<sup>&</sup>lt;sup>6</sup> Provincetown water use grew approximately 0.5% from 1960 to 2020 based on annual report data. Boston 10-year population growth averages 5.6% according to Brookings Institute.

	Annual	Growth	Rate
^	E0/	40/	4 50

Years	0.5%	1%	1.5%
20	1.1	1.2	1.3
40	1.2	1.5	1.8
60	1.34	1.8	2.4
80	1.5	2.2	3.2
100	1.6	2.7	4.4

Figure 8 -Relative Increase in Pumping Demand

At the higher growth rates and longer horizons, there is an increasing risk of insufficient rainfall to recharge an aquifer shrinking due to rising sea levels, and those possible scenarios are shown in orange<sup>7</sup>. Rising sea levels will also reduce the aquifer volume, particularly seawater intrusion into wetlands. At the lower growth rates, the constraint shifts to sufficient protected land available for pumping from the aquifer.

In any case, planning for future water security is a serious responsibility and should be part of any long-range plan or commitment of significant municipal resources. Additional pumping capacity would require a modification of the Water Management Permit and extensive hydrogeologic modeling due to the proximity to existing NUF wells.

#### **Future Water Supply Protection**

If and when additional municipal water capacity should be required in the future, it will require new wells to be installed. As before, this will require extensive hydrogeological analysis and testing. From what we have observed with the South Hollow and North Union Field wells, new wells are best separated from existing wells to optimize capacity.

A new municipal well requires an allocation of land with a 400' radius for Zone I, which encompasses 11.5 acres as a circle. As a square allocation of land (which is what most parcels are shaped as, with straight sides) that is a parcel at least 800' square, or at least 14.7 acres. Depending on the available inventory of Town land, the most suitable alternative would be to place additional well(s) on the Walsh property. The Walsh property is identified by the Cape Cod Commission as a Future Water Supply Site for protection under the Regional Policy Plan. The Commission requires a more stringent nitrogen loading concentration of 1 mg/l for Future Water Supply Sites. The Walsh property due to its 69 acres can accommodate a number of water supply sites.

<sup>&</sup>lt;sup>7</sup> Municipal water used and discharged above the Pamet Lens will eventually, in part, recharge the Pamet Lens. Of course, that water also can carry a source of additional contamination.

#### **Future Well Siting Scenarios**

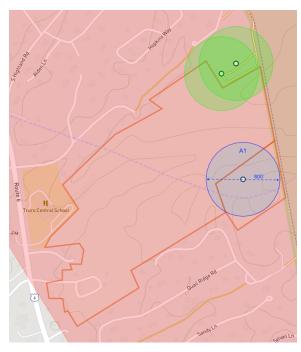


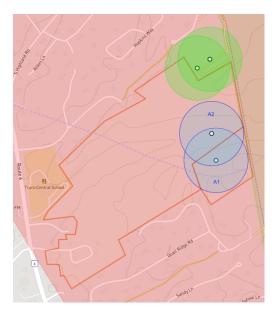
Figure 9 Zone I of a possible new well location

An advantageous placement on Town-owned property to maximize water quality would be along the eastern boundary of the NPS, due to the lack of development. This area is also near the center of the Pamet Lens, where saltwater intrusion can be minimized and there is only low-density residential development upgradient from a well placed along this eastern boundary. Another component to the siting of a future well would be as far south and away from the NUF wells as possible to minimize the influence of the NUF wells.

So, what is shown on the map in Figure 9 as Well A1 would seem to be a preferred location since it is closest to the Seashore, and also somewhat separated from the NUF wells to reduce competition and hydraulic interactions. Additional wells could also be accommodated on the Walsh property.

## **Options for More than One Well**

If a second well is required, it might be positioned where Well A2 is shown. Again, as far east as possible overlapping with Well A1 while being separated from the NUF wells. If additional well capacity is required, it may prove necessary to separate wells. The map in Figure 10 shows how these scenarios might be accomplished. Again, this would require further hydrogeological analysis, modeling, and testing.



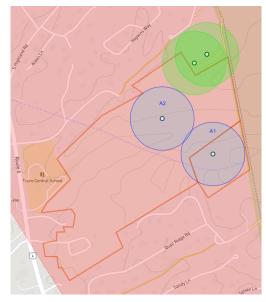


Figure 10 Possible locations of 2 new wells

## Review of the Walsh Property Tighe and Bond January Study

The Tighe and Bond Walsh property study entitled "Environmental and Permitting Evaluation – Walsh Property Site Development Feasibility Assessment" was reviewed. The study used the out-of-date water table map that shows groundwater flow conditions in the Pamet Lens that pre-date the NUF wellfield. As such, groundwater flow directions were incorrectly cited as moving away from the NUF wellfield. It is recommended that the new water table map including the effect of the NUF wellfield on the Pamet Lens that shows converging groundwater flow from the Walsh property directly towards the NUF Wellfield be referenced and subsequently adopted into the Town's GIS Layers.

The study did not highlight the required groundwater protection requirements of the DEP and Town of Truro regulations. The study did not highlight the Groundwater Discharge Permitting requirements (310CMR 5.00) for locating wastewater discharges in Zone II's nor the additional requirements for discharges within a two-year time of groundwater travel including a 5 mg/l nitrogen limit, and reductions of Total Organic Carbon to 1 mg/l, Total Suspended Solids to 5 mg/l to reduce the potential for compounds of emerging concern.

The Tighe and Bond Potential Site Use Plan proposed development adjacent to the Zone I of the NUF Wellfield (Figure 11). The study should have recognized water supply protection as the single most critical environmental factor and located wastewater disposal for potential development along the western boundary of the site if not altogether removed from the site. The Tighe and Bond Study also did not identify that the Walsh property is a future water supply site under the Cape Cod Commission Regional Policy Plan and its additional protection requirements.



Figure 11 Tighe and Bond Potential Site Plan

## **Findings and Recommendations**

The North Union Field Wellfield is one of 3 serving the Provincetown Water Department and is designed to pump approximately 0.8 Million Gallons Per Day. To put that in perspective, the two large water tanks in Provincetown average about 2.5 million gallons of capacity, so the NUF wells could fill one of those tanks in about 3 days. The NUF wellfield does not require treatment for iron and manganese. NUF supplies approximately 45% of the total supply to the Provincetown Water Department.

The intrinsic land use protection due to the siting of the wells in undeveloped lands of the National Park and Walsh property results in drinking water with an unimpacted level of nitrates on the order of 0.3 to 0.5 mg/L. Drawdowns of the water table of greater than 13 ft result from pumping at each NUF wellsite. These significant drawdowns have a dramatic effect on the water table configuration of the Pamet Lens. The collective drawdown around the NUF causes a convergence of groundwater flow towards the NUF wells from south, east and west that includes the entire area of the Walsh property and nearby properties.

Because of the vital reliance on the NUF wellfield for drinking water, the Walsh Master Plan must prioritize the goal of groundwater protection. Groundwater modeling shows that if contaminants from wastewater, stormwater, and other sources are released to the ground in and near the Walsh property, they will migrate directly towards the NUF wells. It is essential to ensure that only conservation and low-impact recreational uses are allowed in the majority of the Walsh Property. Any development scenario within the Walsh Property and nearby will require stringent performance standards, which include frequent monitoring, and credible funding for long-term enforcement with contingencies. Protection goals should also accommodate the placement of new wells in the event that additional pumping capacity is required to support future growth. A demand analysis indicates that additional water supply is a reasonable expectation.

The Tighe and Bond study used an out-of-date water table map that shows groundwater flow conditions in the Pamet Lens that pre-date the NUF wellfield. As such, groundwater flow directions were incorrectly cited as moving away from the NUF wellfield. It is recommended that the new water table map including the effect of the NUF wellfield on the Pamet Lens that shows converging groundwater flow from the Walsh property directly towards the NUF Wellfield be referenced and subsequently adopted into the Town's and Cape Cod Commission's GIS Layers.

The configuration of Potential Developable Areas proposed by Tighe and Bond illustrates the need for the Walsh Master Plan to incorporate updated hydrogeology and regulatory requirements for Zone II Protection, Groundwater Discharge Permits and Cape Cod Commission Potential Water Supply Sites.

Input from the Provincetown Water Department and Water Board should also be immediately sought.

We have tried to outline water security considerations in broad strategic terms and have provided some preliminary assessment and hydrogeological mapping based on past relevant studies. It is our hope that this will provide a starting point for a more in-depth exploration of these critical water security issues, and the role the Walsh property should play in Truro's (and Provincetown's) future water security. This role is especially key given the ideal location of the eastern part of the Walsh property with respect to both the upgradient location on the aquifer and proximity to the Seashore.

Numerous public supply wells installed on Cape Cod in the last mid-century have been impacted by subsequent development located in their recharge area before the need for groundwater protection regulations was recognized. In the case of the Walsh property and nearby Town-owned properties, because we are now aware of the consequences, the adjacent critical and vulnerable pristine drinking water source cannot be compromised.

# **Environmental and Permitting Evaluation – Walsh Property Site Development Feasibility Assessment**

**To:** Barbara Carboni, Town Planner

FROM: Sharon Rooney, AICP, RLA; Brandee Nelson, PE, LEED AP

**COPY:** Arica McCarthy, Planner

**DATE:** January 7, 2022

## **Introduction**

This technical memorandum discusses site conditions and permitting necessary for potential development and improvements for the parcels located along Walsh Way in the Town of Truro (the Town), Barnstable County, Massachusetts (the Project Site). According to a Limited Environmental Site Assessment performed by BSC Group in 2019 (Attachment B), the Project Site consists of eight (8) parcels totaling approximately 69.04 acres of land that is primarily woodland with seven (7) wood-framed seasonal dwellings, outbuildings and paved driveways (hereinafter referred to as "Cottages"). Potential uses of the Project Site include housing, recreation, open space, Town facilities and/or infrastructure.

Understanding the opportunities and constraints for possible site development and improvements provides vital information to make informed decisions regarding potential development of the Project Site. To evaluate potential use of the Project Site, an initial desktop environmental analysis of the property and a permitting evaluation have been completed consistent with potential uses.

As part of our evaluation, we have completed the following tasks to gain a better understanding of the Project Site:

- Desktop analysis of site and environmental constraints
- Preparation of the following GIS figures, Site Analysis figure, and potential Site Use Plan (Attachment A):
  - Figure 1: Protected Open Space Priority Habitat
  - Figure 2: Water Resources
  - Site Analysis Figure
  - Potential Site Use Plan
- Review of the "Limited Environmental Site Assessment" prepared by BSC Group, dated June 18, 2019 (Attachment B)

#### Assumptions:

Tighe & Bond assumes that the existing Cottages on the Project Site are lawfully pre-existing residential uses within the Town of Truro and all associated structures and infrastructure have received all necessary permits and approvals from the Town and are therefore not considered nonconforming uses.

## 1 Project Goals

Town Meeting authorized the purchase of the eight (8) parcels located along Walsh Way for general municipal purposes. We understand the Select Board has appointed the Walsh Property Community Planning Committee (WPCPC) to lead a community planning process to develop a proposal for uses of the property. Five (5) of the eight (8) parcels, see Table 1-1 in Section 1 of this memorandum, have seven (7) buildings located on the Project Site. The Cottages were constructed from 1919 to 1940; please refer to Section 2.03 in Appendix B for additional information.

**TABLE 1-1**On Site Cottage Records

Date
1920
1920
1919
1928
1940
1940
1940

The Town is considering whether these Cottages should remain at the front of the Site or whether they should be removed, rehabilitated, or relocated either on or off the Project Site. A separate engineering study will help the WPCPC form recommendations regarding the cottages for 2022 Town Meeting.

## 2 Site Characteristics

The Project Site is primarily second-growth woodland with seven Cottages, out buildings and paved driveways with access via Walsh Way. According to the Limited Environmental Site Assessment in Attachment B, one structure has an oil heating system with a relatively new above ground oil tank. The other dwellings have small propane heating systems or no heating systems. Some of the cottages have existing cesspools. This information was obtained from the General Findings section in Appendix B.

**TABLE 1-1**Project Site Parcel Information

•				
Parcel ID	Acreage	Address	Zoning District	
43-2	57.16	10A Walsh Way	Residential	_
43-9	3.69	8 Walsh Way	Residential	
43-10	0.87	10 Walsh Way	Residential	
43-13	2.24	13 Walsh Way	Residential	
43-133	0.45	6 Walsh Way	Residential	
43-134	0.78	5 Walsh Way	Residential	
43-135	2.98	7 Walsh Way	Residential	
43-226	0.87	12 Walsh Way	Residential	

The Project Site is entirely within the Residential (R) zoning district in the Town. U.S. Route 6 is west of the Project Site; to the north of the existing subdivision at Walsh Way is the Truro Central School. The Project Site is east of the Cape Cod National Seashore with single-family residential developments located north and south of the Project Site. The approximately 57-acre undeveloped and wooded parcel located at 10A Walsh Way is where the majority of future uses would be proposed. Appendix B also provides additional information on the existing conditions of the buildings and existing property information.

The Project Site has no existing identified easements or rights-of-ways. A USA Pipeline Easement runs east-west outside of the Project Site to the north. Existing municipal water and sewer are not currently available for the Project Site. The Project Site is not serviced by natural gas, and the existing Cottages are serviced by above-ground propane tanks. Electrical service for the area is provided by NSTAR Electric d/b/a Eversource Energy. Overhead electrical wires adjacent to the Project Site along Route 6 transition to underground wires on Walsh Way and service the existing Cottages. Comcast provides cable and internet service to the Project Site.

The existing developed areas on the Site include the Cottages and Walsh Way. Walsh Way is a narrow approximately 12-foot single-lane, one-way road with no sidewalks. The 10A Walsh Way parcel consists of steep slopes, including some areas with slopes greater than 25%, constraining future development of the Site; refer to Appendix A for a Site Analysis Figure illustrating steep slopes and high points on the Project Site.

## 3 Environmental Analysis

Tighe & Bond conducted a desktop GIS-based analysis of environmental factors affecting potential development of the Project Site including surface water and wetland resources, soils and topography, plant and wildlife habitat, and hazardous and solid wastewater supply and wastewater. These factors were evaluated using MassGIS and Town data, orthoimagery, and publicly available plans and/or permits from the Town. Based on the data reviewed, the Project Site does not contain any of the following sensitive receptors:

- FEMA flood zones.
- Massachusetts Department of Environmental Protection (MA DEP) disposal sites. MA DEP disposal sites exist within ¼ mile of the subject site. All but one of these sites are reported as closed with permanent solutions except the former Truro air base site. Based on the direction of groundwater flow, all of these sites are cross gradient to the subject site and are not considered (to pose a) significant (threat) to the site.
- No significant impact to soils exists from oil or hazardous materials related to the existing buildings on the subject site.
- Protected Open Space, see Figure 1 in Appendix A.
- National Register of Historic Places, properties, or districts.

Please refer to Figures 1 and 2 and Site Analysis Figure in Appendix A depicting the on-site environmental considerations.

## 3.1 Surface Water and Wetlands

Based on initial desktop mapping and as depicted on Figure 2 in Appendix A, there are no surface water bodies or bordering vegetated wetlands on or near the Project Site. Appendix B reveals that the Cape Cod Commission groundwater contour map identifies a groundwater ridge east of the Site meaning the groundwater on the Site would be expected to flow from north-east to south-west. Only the Cape Cod National Seashore is up-gradient of the Site and being protected and undeveloped land, there is no significant potential of any contamination to migrate to the Site.

## 3.2 Soils & Topography

According to the Limited Environmental Site Assessment, soils on the Project Site consist of Coarse Carver Sand (252) soil series. The USDA Carver Soil Series consists of very deep, excessively drained sandy soils formed in glaciofluvial deposits of coarse and very coarse sands. They are nearly level through steep soils on outwash plains and moraines. Slope ranges from 0 through 45 percent. Saturated hydraulic conductivity is very high throughout. Mean annual precipitation is about 1,118 millimeters (44 inches) and mean annual temperature is about 9 degrees C (48 degrees F).

The topography of the property consists of two broad plateau areas on the northeast and the south and southwest portion of the property bisected by a large steep ravine running from the National Seashore in a northwesterly direction toward the school property. The side slopes of this valley are generally between 15%- 25%, making them very difficult to traverse with roadways or other access ways that meet Town design standards. Siting buildings on slopes such as this would require extensive earthwork and clearing of existing vegetation.

## 3.3 Water Supply and Wastewater

The Project Site is within the MA DEP approval wellhead protection area (Zone II) and is located within a Sole Source Aquifer. The Site also slightly encroaches within the MA DEP interim wellhead protection area (IWPA) and the non-potential drinking water source area – medium yield. North of the Site is a community public water supply. South of the Site, across Route 6, is a non-community transient public water supply.

As stated in Section 2, existing municipal water and sewer are not currently available for the Project Site. Private septic systems are currently used for wastewater disposal throughout the Town. Most residents rely on private wells as their source of drinking water. The Cottages have existing cesspools. There are approximately 100 Truro residents with cesspools. On January 4, 2021, the Town enacted a ban on all existing cesspools by December 21, 2023 requiring them to be replaced with approved Title 5 systems.

## 3.4 Plant and Wildlife Habitat

MassWildlife Natural Heritage & Endangered Species Program (NHESP) MA DEP GIS mapping indicates the Project Site is primarily within mapped NHESP priority habitats for rare species and estimated habitats for rare wildlife; refer to Figure 1 in Appendix A. Based on discussion with the Town Conservation Agent, the site is likely to contain habitat for Eastern Box Turtle. The NHESP Priority Habitats of Rare Species PH 892 boundary is identified on the Regional Policy Plan Data Viewer as encompassing the entirety of 10A Walsh Way.

While the forested ravine that bisects the property has been identified as presenting challenges for development, the value of this portion of the property as a wildlife and public access corridor and connection to the National Seashore properties is very high.

## 3.5 Hazardous Waste and Disposal Management

Neither the Site nor any abutting properties are listed by the MA DEP as a "Disposal Site." A significant amount of solid waste is stored in basements and other outbuildings on the Site but is not characterized as hazardous in nature as described in Appendix B.

## 4 Zoning Analysis

The Project Site is wholly within the Residential (R) zoning district in the Town. The only permissible residential use in the R zoning district is single-family residential. In addition to residential uses, the R district permits municipal, non-commercial recreation, and accessory uses. Under proposed conditions, the property could be considered for a variety of land uses dependent upon the outcome of the community planning process.

Per Zoning Bylaw Section 40.1.C, an applicant is not permitted to convert a single-family dwelling into an apartment within the Water Resource Protection District. Therefore, if the outcome of the community planning process is to pursue housing at a greater density than single-family homes, either a change in zoning or an overlay district would need to be implemented to permit housing at a greater density on this Project Site.

The Truro Zoning Bylaw also contain dimensional controls, as well as Area and Height Regulations found in Section 50 that are applicable to all zoning districts in Town. The following dimensional controls are required for the R district.

**TABLE 4-1**Area and Height Regulations for All Districts

Dimensional Requirement	Maximum & Minimum Requirement with notes
Minimum lot size	33,750 SF (1)(2)(8)
Minimum lot frontage	150 feet (FT) (1)(2)
Minimum front yard setback	25 FT (3)
Minimum side yard setback	25 FT (3)(4)
Minimum backyard setback	25 FT (3)(4)
Maximum building height	2 stories; 30 FT (5)(5a)(6)
Lot shape	(9)

### **Table Notes**

- 1. Except buildings for accessory use and cottages.
- 2. Except lots or parcels lawfully in existence and shown on a subdivision plan or described in a deed recorded at the Barnstable County Registry of Deeds prior to the adoption of the bylaw by Truro Town Meeting on February 15, 1960, having at least five thousand (5,000) square feet of area and at least fifty (50) feet of lot frontage.
- 3. Except in the Seashore District where the minimum setback from all streets is 50 ft. measured at a right angle from the street line.

4. Except in those portions of the Beach Point Limited Business district served by the Town of Provincetown Water System, where the minimum side yard and backyard setbacks shall be equivalent to five (5) ft per story of the building or structure in question. Structures less than a full story shall meet the minimum 5 ft setback.

- 5. The 2-story limitation shall be measured from above mean ground level.
- 5a. Except buildings which do not have a ridge or hip the maximum building height shall not exceed twenty-three (23) ft as measured to the highest point of the structure.
- 6. Free standing flagpoles and private noncommercial radio and television antennae shall not exceed fifty (50) ft above mean ground level.

(#7 deleted)

- 8. Except in the Seashore District where the minimum lot size is 3 acres.
- 9. For any lot created after April 30, 2004, the portion of the lot connecting the frontage with the front line of any building site shall not be less than 50 feet wide, as measured between opposite sidelines.

Exceptions to height limitations can be authorized by the Zoning Board of Appeals by special permit. Section 50.2.B of the Town's Zoning Bylaw also allows for building gross floor area special permits to allow the Applicant to exceed the limits provided they follow the provisions within that section. The section currently allows for the Applicant to exceed total gross floor area to a maximum of 4,668 SF for a lot at least one-acre in size and an additional 300 SF for each additional contiguous acre of land plus a Planning Board approved accessory dwelling unit of up to 1,000 SF. Since the parcel at 10A Walsh Way is 57.16-acres, the maximum gross floor area of a dwelling building could be 21,516 SF.

## **5 Permits and Approvals**

Any development of the Project Site will entail permitting requirements as the project site is almost wholly within the Town's Water Resource Protection District and mapped NHESP priority habitats for rare species and estimated habitats for rare wildlife. Permitting requirements have been separated below by jurisdiction to provide a clear understanding of how development of the Project Site would be regulated.

## 5.1 Town of Truro

Town of Truro's Zoning Bylaw, dated April 2019 and Truro Subdivision Regulations amended February 25, 2016 were reviewed for applicable zoning and subdivision requirements pertaining to the potential development of the Project Site. Potential use of the Project Site may require Subdivision Approval, Special Permit, Site Plan Review,, and Board of Health approval. These requirements are provided in more detail below.

## 5.1.1 Approval Not Required Plan (ANR)

An Approval Not Required (ANR) Plan or a plan that does not require approval under the Subdivision Control Law could be accommodate nodes of development not requiring subdivision of the Project Site if the existing access via Walsh Way and/or Andrew Way/Leeward Passage provide adequate access as determined by the Truro Planning Board.. According to the Truro Subdivision Regulations, an ANR Plan could be endorsed on which no

more than one lot is shown as a building lot or a plan showing lots having adequate frontage on either Walsh Way or Andrew Way/Leeward Passage. An ANR Plan could also be endorsed for the existing lots on Walsh Way containing the cottages.

## 5.1.2 **Subdivision Approval**

A Preliminary Plan may be submitted for any proposed residential subdivision and is required for any nonresidential subdivision of land in the Town. Preliminary Plans are required to be filed with the Truro Planning Board and Truro Board of Health. A Definitive Subdivision Plan is required for any residential subdivision of land in the Town. The number of residential lots that the property might yield under the Subdivision Control Law (given the Zoning Bylaw minimum lot area of 33,750 square feet and minimum frontage of 150 feet) is dependent upon a number of factors including desired limits on changes to topography and natural features.

#### 5.1.3 Site Plan Review

Section 70 of the Truro Zoning Bylaw requires Site Plan Review by the Truro Planning Boad for a non-residential development. Commercial Site Plan Review is required for any construction, alteration, expansion, or modification of any properties, structures, and uses other than that of single-family or two-family residences and their accessory uses and structures. Note that Commercial Site Plan Review would only be applicable if the property is rezoned to allow uses other than single-family residential use.

## 5.1.4 **Board of Health**

Section VI of the Truro Board of Health Regulations amended May 18, 2021 requires Board of Health approval for the siting, construction, inspection, upgrade and expansion of on-site sewage treatment and disposal systems. Section VIII of the Board of Health Regulations requires application for a Well Construction Permit by a Registered Well Driller prior to any construction of private water supply. For new construction, Site and Sewage Plans, stamped by a Professional Engineer and/or Registered Land Surveyor and/or Registered Sanitarian, showing the location of proposed well and septic system must be submitted to ensure that adequate setbacks between well and septic are being provided.

Board of Health Regulations require at least 10,000 SF of buildable upland area (or approximately a quarter acre) for every 110 gallons per day (gpd) per bedroom. Each bedroom in a residential property in Truro is assumed to have two human occupants and is assumed on average to consume 110 gallons per day (gpd) as per Article 13. To meet Truro's nitrogen load requirements, four bedrooms would require almost 1 acre, 25 bedrooms would require 5.7 acres, 70 bedrooms would require 15.9 acres, and 100 bedrooms would require 22.8 acres of land to support the occupants. Variances from Board of Health Regulations may be granted by the Board of Health when enforcement would do manifest injustice; provided that the decision by the Board does not conflict with the spirit of the minimum standards set forth in the regulations, nor with the protection of human health and environmental quality.

## 5.1.5 **Open Space Development**

Under Section 80 of the Truro Zoning Bylaw, Open Space Development is also allowed by special permit and Site Plan Review for five or more single-family detached dwellings. The purposes of Open Space Development are to protect and preserve natural features, visual character and open space, to encourage development that conforms to existing topography, to allow for greater flexibility and creativity in the design of residential subdivisions provided

the overall density of the development is no greater than what is normally allowed in the district, and to encourage economical and efficient provision of public services. Reductions in lot size, lot frontage and setback requirements are allowed. Land not included in the building lots is typically protected permanently as open space. The maximum number of dwelling units shall not exceed the number that would be permitted for a conventional subdivision, minus 10% of the total acreage for roads, detention basins, and other utilities; land areas below mean water, wetlands, and all land precluded from residential development by current applicable local, state or federal regulations. For the purposes of Open Space Developments, dimensional regulations may be modified as follows:

Average Minimum Lot Area	17,050 square feet
Minimum Lot Area	14,000 square feet
Average Lot Frontage	80 feet
Minimum Lot Frontage	60 feet
Minimum Front, Side, and Rear Setbacks	15 feet

The open space required by the Town's bylaw and dictated by site conditions can serve as both an important recreational and educational amenity providing natural trails connecting the school and the National Seashore and a wildlife corridor allowing continued movement of wildlife through the property and preserving the existing forested environment.

## 5.1.6 Comprehensive Permit

An applicant could also seek a comprehensive permit under Massachusetts General Laws, (M.G.L.) Chapter 40B. Enacted in 1969, Chapter 40B is a state statute that allows developers of projects in which at least 20-25% of the units have long-term affordability restrictions to apply for a single "comprehensive permit" and request waivers of zoning and other local requirements as needed for feasibility. Chapter 40B allows the ZBA to authorize waivers to existing land use regulations, if less than 10% of the municipality's housing stock is included on its Subsidized Housing Inventory as determined by the Department of Housing and Community Development. A Chapter 40B application would also be exempt from review as a Development of Regional Impact (see Section 5.3.1 below), as under the Cape Cod Commission Act, the Commission is considered a local board for the purposes of Chapter 40B.

## 5.1.7 Historical Commission

Depending upon the age and any determined significance of the existing structures on the Prorperty, any proposal to demolish the structure(s) would be subject to the jurisdiction of the Truro Historical Commission under Section VI of the Town's General Bylaws. The Commission has the authority to impose a demolition delay of up to twelve months.

## **5.2 Commonwealth of Massachusetts Permits & Approvals**

## 5.2.1 MEPA Review

State Massachusetts Environmental Policy Act (MEPA) review is intended to facilitate environmental planning for projects requiring State Agency action or funding, including an Agency's programs, regulations, or policies. The filing of an Environmental Notification Form

(ENF) or additional MEPA review may be required for potential development of the Project Site if review thresholds are met and a State Agency action are required. Examples of review thresholds include: direct alteration of 25 or more acres of land; alteration of designated significant habitat or greater than two aces of disturbance of designated priority habitat that results in a take of a state-listed endangered or threatened species. Potential State permits or Agency actions are listed in Sections 5.2.2 – 5.2.5 below.

Thresholds for an ENF and mandatory EIR or ENF and other MEPA review if the Secretary of the Executive Office of Energy and Environmental Affairs requires are categorized by land; state-listed species under M.G.L. c. 131A; wetlands, waterways and tidelands; water; wastewater; transportation; energy; air; solid and hazardous waste; historical and archaeological resources; and areas of critical environmental concern per Section 11.03 Review Thresholds in the 301 CMR 11.00: MEPA Regulations.

The primary MEPA thresholds that may be triggered by potential development of the Project Site would be land alteration or impervious surfaces; impacts to state-listed species under M.G.L. c. 131A; transportation, and/or historical and archaeological resources. Early consultation with the MEPA office is recommended once the community planning process is complete to determine if MEPA review is required.

If the filing of an ENF is required, the ENF is distributed to the Secretary, any appropriate state or municipal agencies, and the MEPA office on or before the date of publication in the Environmental Monitor. A public notice is published in a local newspaper and distributed to the area that will be impacted by the proposed project. A typical review period for an ENF is 30 days from the date of publication in the Environmental Monitor. It includes a 20-day public comment period. Within 10 days of the close of the comment period, the Secretary issues a Certificate on the ENF stating whether or not an Environmental Impact Report (EIR) is required and, if so, identifying the scope of the EIR.

## 5.2.2 Massachusetts Department of Transportation (MassDOT)

A MassDOT Highway Access Permit may be required for the Project Site depending on the volume of traffic generated by potential development of the Project Site. This permit is required when physical work or activities take place within, or impact, the State Highway Right-of-Way or property owned under the custody and control of MassDOT Highway (RT-6). Work activities for this permit can include driveway curb cuts, roadway improvements, utility work (typically applied for by utility company), landscaping, traffic control, and other miscellaneous work or activities. The vehicular access permits are distinguished by category:

- Category I Minor Vehicular Access Permits
  - o New curb that that does not require a signalized intersection.
- Category II Major Vehicular Access Permits
  - Projects that alter the operating characteristics of traffic at a residential or commercial driveway intersection. May require a signalized intersection.
- Category III Complex Vehicular Permits
  - Projects that modify the State Highway Layout (SHLO)

Alterations to the State highway layout such as alterations to the existing curb cut on Walsh Way on Route 6 or other changes to the State highway layout would require a permit from MassDOT. Applications are reviewed on a first come, first served basis. An Applicant or their agent shall request issuance of a Permit using the online SHAPS tool, or by submitting a standard form issued by MassDOT. The application shall include all supporting materials required on the application form. The application form shall be filed with the District Highway Director within whose District boundaries access is sought. Please refer to the permitting matrix in Section 6 of this memorandum for the review timelines and fees. Once the Plan, Submission and Estimate (PS&E) submission is approved, the District Highway Director will

issue the Permit authorizing the work to be performed in accordance with the procedures outlined in 700 CMR 13.03(6). (<a href="https://www.mass.gov/doc/700-cmr-13-approval-of-access-to-massachusetts-department-of-transportation-highways-and-other-property/download">https://www.mass.gov/doc/700-cmr-13-approval-of-access-to-massachusetts-department-of-transportation-highways-and-other-property/download</a>)

# 5.2.3 MassWildlife Natural Heritage and Endangered Species Program

Because the majority of the Project Site falls within an estimated habitat for rare species (including Box Turtle habitat), NHESP has jurisdiction to review proposals for use and development of the land to ensure compliance with the Massachusetts Endangered Species Act (MESA). A MESA Project Review checklist, filing fee, and the required information outlined on the checklist must be filed. Within 30 days of receiving a filing, the agency provides a response letter indicating whether or not the submission is complete. If the submission is complete, they have an additional 60 days to provide a determination.

The review will determine whether the project, as proposed, will impact state-listed species and their habitats. Under MESA, a determination letter will be provided stating whether or not a project or activity, as currently proposed, will result in a "Take" of state-listed species. A "Take" means that the project will impact a target species in some way. Some projects may require certain conditions such as timing restrictions to avoid impacts to state-listed species and their habitats. A small percentage of projects will impact state-listed species or their habitats and must either be revised to avoid such a "Take" or must meet the performance of standards for the issuance Conservation Management Permit а and (https://www.mass.gov/how-to/how-to-file-for-a-mesa-project-review).

## 5.2.4 Massachusetts Historical Commission

Any projects that require funding, licenses, or permits from federal agencies must be reviewed in compliance with Section 106 of the National Historic Preservation Act of 1966. Section 106 requires federal agencies to take into account the effects of their actions on historic properties.

In addition, any projects that require funding, licenses, or permits from any state agency must be reviewed by the Massachusetts Historical Commission (MHC) under Massachusetts General Laws Chapter 9, sections 26-27C.

This law creates the MHC, the office of the State Archaeologist, and the State Register of Historic Places among other historic preservation programs. It provides for MHC review of state projects, State Archaeologist's Permits, the protection of archaeological sites on public land from unauthorized digging, and the protection of unmarked burials. Another important State review process in which MHC participates is review under the Massachusetts Environmental Policy Act (MEPA), which directs state agencies to consider the effects of their actions on the environment, including historic properties.

If State Agency Action or Permits are required for potential development of the Project Site, a Project Notification Form (PNF) is required to be submitted to the MHC. Once received, the PNF is reviewed by professional staff. Within 30 days of receipt, MHC responds in writing on the historical status of the Site. If MHC determines that the project is unlikely to affect significant historic or archaeological resources, MHC review is complete. If the MHC does not project respond within 30 may proceed days, the as (https://www.sec.state.ma.us/mhc/mhcrevcom/revcomidx.htm). It should be noted that Cape Cod Commission Development of Regional Impact (DRI) review discussed in Section 5.3.1 below requires the filing of a PNF as part of the DRI application process unless waived by Commission Staff. Undeveloped sites typically require the filing of a PNF for a

determination by MHC as to whether the project is likely to affect significant archaeological or historic resources.

# 5.2.5 Massachusetts Department of Environmental Protection (MA DEP)

Depending on the amount of wastewater generated, DEP review and a groundwater discharge permit may be required. Wastewater generation in excess of 10,000 gallons per day would require a groundwater discharge permit per MassDEP regulations at 310 CMR 15.0000. Using the design standard of 110 gallons per day per bedroom, 10,000 gallons per day equates to ninety bedrooms. Forty-five, two-bedroom units or thirty, three-bedroom units or a combination thereof totaling ninety bedrooms would need to be planned to trigger the MassDEP groundwater permit. A development scenario with less than 90 total bedrooms would not meet the MassDEP groundwater permit threshold.

To determine the wastewater carrying capacity of the site, and given the site's proximity to a groundwater resource, a feasibility level analysis of the site's wastewater carrying capacity and the groundwater travel time should be completed to determine the level of wastewater treatment required for a groundwater discharge permit and to provide a system layout and planning level cost for the infrastructure. The effluent standards and monitoring requirements imposed by a Groundwater Discharge Permit are more stringent for a discharge within a Zone II or IWPA, especially for nitrogen. After completion and approval of the hydrogeologic evaluation the applicant submits the appropriate application which includes:

- Engineering Report with Certification
- Hydrogeologic Certification
- Plans and Specification Certification

If the site is located in a Zone II or interim wellhead protection area (IWPA) then the applicant must notify the Public Water Supply of the submittal.

## **5.3 Regional Permits & Approvals**

## 5.3.1 Cape Cod Commission (CCC)

Section 3(c) of the Development of Regional Impact (DRI) Enabling Regulations requires referral to the CCC for "Any development that proposes to divide parcel(s) of land totaling 30 acres or more in common ownership or control on or after September 30, 1994, including assembly and recombination of lots. This threshold shall include any development activity in conjunction with any land division of 30 acres or more not otherwise exempted from review under Section 22(e) of the Act to the Commission as a DRI." As the Project Site encompasses land totaling approximately 70 acres, any division of land for residential development would be subject to review as a DRI.

In addition, Section 3(d) of the DRI Enabling Regulations requires DRI review of "Any development that proposes to divide land into 30 or more residential lots. Section 3(g) of the DRI Enabling Regulations requires DRI review for "Any proposed development, including the expansion of existing developments, that is planned to create or add 30 or more residential dwelling units."

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Under Section 2(a)I of the Cape Cod Commission Enabling Regulations, when a Municipal Agency receives an application for a development permit, the Municipal Agency shall refer the proposed development to the Cape Cod Commission for review as a DRI if the proposed development meets or exceeds any of the standards and criteria for DRIs set forth in Section 3 of the DRI Enabling Regulations. DRIs are reviewed for their consistency with the Cape Cod Commission Act, Regional Policy Plan, local zoning, and local comprehensive plan.

Under the 2018 Regional Policy Plan (RPP), Cape Cod Placetypes is an organizing principle that informs the Commission's regulatory review. The applicability and materiality of the RPP goals and objectives to a project will be determined on a case-by-case basis considering a number of factors including the location, context (as defined by the Placetype of the location), scale, use, and other characteristics of a project.

The provision of open space is a requirement of DRIs where new development is proposed. The methods, quantity, and form of open space provided will vary from site to site, reflective of Placetype, sensitive resources that may be present, connections to natural and community systems, extent of development proposed, and context. This flexible approach to DRI review allows for a strong correlation between the form and function of open space and Cape Cod's varied natural and community resources and systems. The required open space is calculated based on Area of Development Impact.

The Walsh property is located entirely within the Natural Areas Placetype. DRIs in the Natural Areas Placetype are required to provide high quality open space onsite, or in a Natural Area offsite, at a ratio of 3:1 Protected Open Space to Area of Development Impact. [Cape Cod Commission 2018 Regional Policy Plan Technical Guidance, Open Space Technical Bulletin.]

Further, Water Resources Goal WR1 of the 2018 RPP is to maintain a sustainable supply of high-quality untreated drinking water and protect, preserve or restore the ecological integrity of fresh and marine surface waters. Projects are limited to a maximum site-wide nitrogen loading concentration of 5 parts per million (ppm); ensure that no adverse impacts on downgradient existing or proposed drinking water wells; and ensure siting of septic systems and other sources of contamination are sited to avoid adversely impacting downgradient existing or proposed drinking water wells. Development is discouraged in the Natural Areas Placetype.(https://www.capecodcommission.org/resource-

<u>library/file/?url=/dept/commission/team/Website Resources/regulatory/tech bulletins/Cape</u>
<u>Cod Regional Policy Plan Technical Guidance 2019.pdf</u>)

#### 5.3.2 Joint MEPA ENF/CCC review

Under Section 2(d)(i) of the DRI Enabling Regulations, "Any proposed development for which an Environmental Impact Report (EIR) is required to be prepared under the provisions of MEPA shall be deemed a DRI." Under Section 2(d)(ii) of the DRI Enabling Regulations, an Applicant who is required to file an Environmental Notification Form (ENF) under MEPA shall, at the same time, file a copy of the ENF with the Clerk. If the Secretary does not require the preparation of an EIR, the Commission may review the proposed development as a DRI if at a meeting the Commission determines that the proposed development presents one or more of the concerns listed in Section 12(b) of the [Cape Cod Commission] Act and is not otherwise exempt by the provisions of Section 22 [of the Act]. Projects subject to regulation under MEPA may undergo a Joint Review Process under MEPA and the Act pursuant to a November 25, 1991 Memorandum of Understanding between the two agencies.

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# **6 Permitting Matrix**

**TABLE 6-1**Permitting Matrix

Town of Truro						
Agency/Department/Board	Approval Type	Applicable Regulation	Timeframe Estimates	Fee		
Planning Board & Board of Health	Subdivision Approval/Special Permit (Open Space development)	- Zoning Bylaw Section 40 - Subdivision Bylaws Section 2	3-10 months for the preliminary and definitive plan	- Preliminary Plan \$275 - Definitive Plan \$125 per lot		
	. ,	Zoning Bylaw	submissions			
Zoning Board of Appeals	Special Permit	- Zoning Bylaw Section 80 (open space development)	5-6 months	\$50		
Commonwealth of Massac	chusetts					
Agency/Department/Board	Approval Type	Applicable Regulation	Timeframe Estimates	Fee		
МЕРА	MEPA Review: ENF and/or EIR (depending on chosen concept)	Section 11.03 Review Thresholds in the 301 CMR 11.00: MEPA Regulations	Review Periods: ENF – 30 days EIR – 37 days	None		
MassDOT	Highway Access Permit	700 CMR 13.00	10-day review, plus: - Category I: 20 business days 25% design & 20 business days 75-100% design	Residential Access: - 5 Units of less: \$25 - From 6 to 49 Units: \$100 - Greater than 49 Units: \$2,000 Non-Residential		
			- Category II: 35 business days 25% design & 20 business days 75-100% design	Access: - >25k SF: \$500 - 25-300k SF: \$1,000 - 300-750k SF: \$2,000 - >750k SF:		
			- Category III: TBD by MassDOT negotiations	\$3,000		
MassWildlife (MESA)	NHESP Review	M.G.L. c. 131A: Massachusetts Endangered Species Act; 321 CMR 8:00: List of Endangered and Threatened Species; 321 CMR 10:00: Massachusetts	90 days	MESA Project Reviews - ranging from \$300 to \$4,000		

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		Endangered Species Act Regulations		
Massachusetts Historical Commission	MHC Review for impacts to historic and archaeological resources: PNF	950 CMR 71.00 & Massachusetts General Laws Chapter 9, sections 26-27C	30 days	None
MA DEP	Groundwater Discharge Permit	310 CMR 15.0000	Minimum 6 months	\$5,000
Regional/Cape Cod				
Agency/Department/Board	Approval Type	Applicable Regulation	Timeframe Estimates	Fee
Cape Cod Commission (CCC)	DRI Review	2(a)I of the Cape Cod Commission Enabling Regulations	7 months	Residential development \$11,971 base fee, plus \$359 per lot or unit
Joint MEPA ENF/CCC review	(See MEPA & CCC)	Section 2(d)(i) of the DRI Enabling Regulations	(See MEPA & CCC)	(See MEPA & CCC)

# 7 Potential Site Use Plan

Based on our understanding of the environmental and regulatory constraints, a Potential Site Use Plan was prepared for the Project Site that identifies developable areas, potential trails and potential open space areas.

# 8 Conclusion

The Project Site's development potential is affected by the site's steep topography, location within mapped rare species habitat, and location within a wellhead protection area (Zone II). Depending on the outcome of the community planning process, potential development of the site could trigger several State, regional and local review regulatory permitting thresholds. The Potential Site Use Plan identifies areas of the Project Site that would be most suitable for potential development, areas for a potential trail network within the Project Site, and potential open space areas for the WPCPC's consideration.

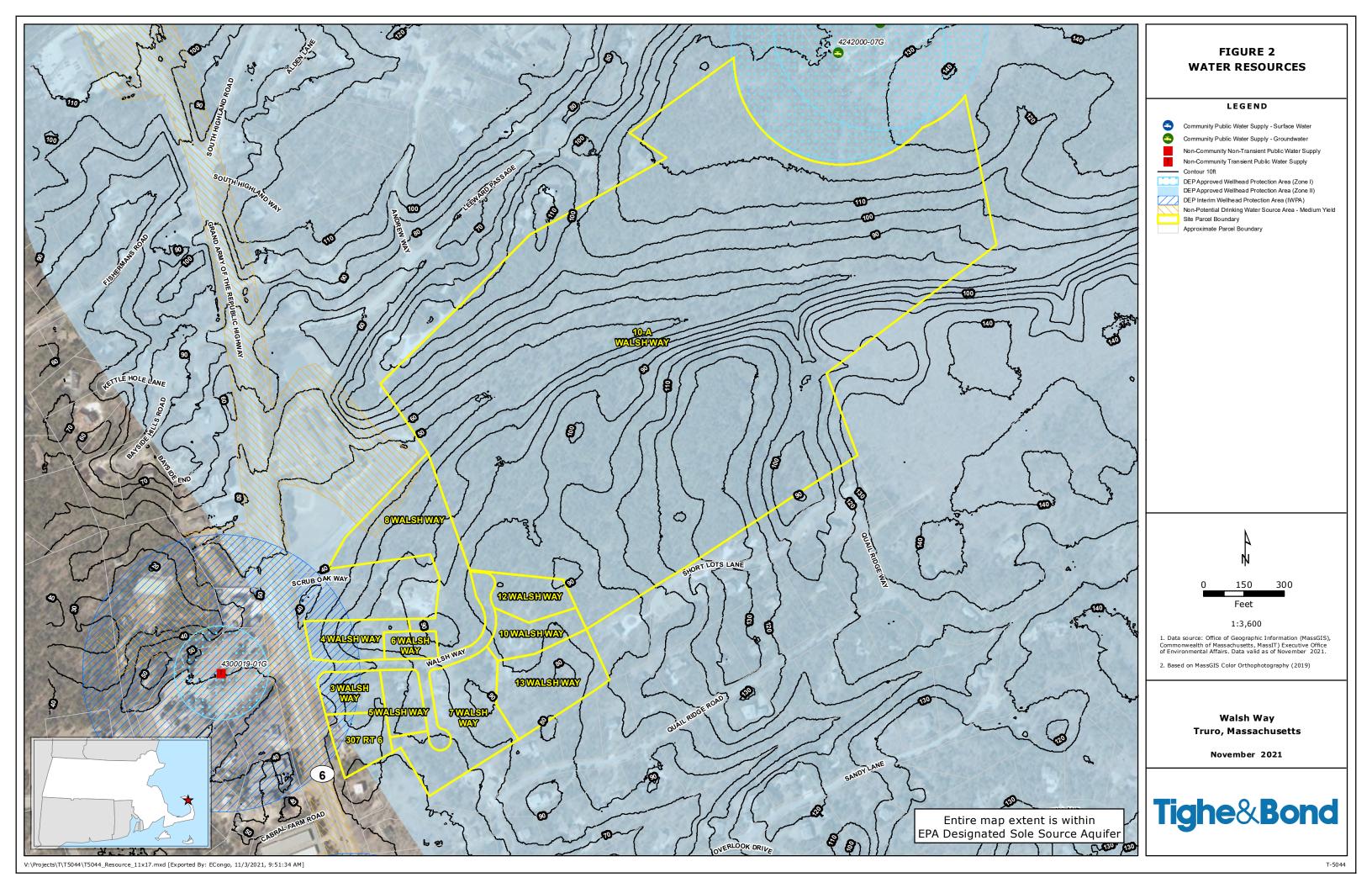
Attachments to this memo include GIS figures, Site Analysis figure, and potential Site Use Plan (Attachment A; and Limited Environmental Site Assessment" prepared by BSC Group, dated June 18, 2019 (Attachment B.

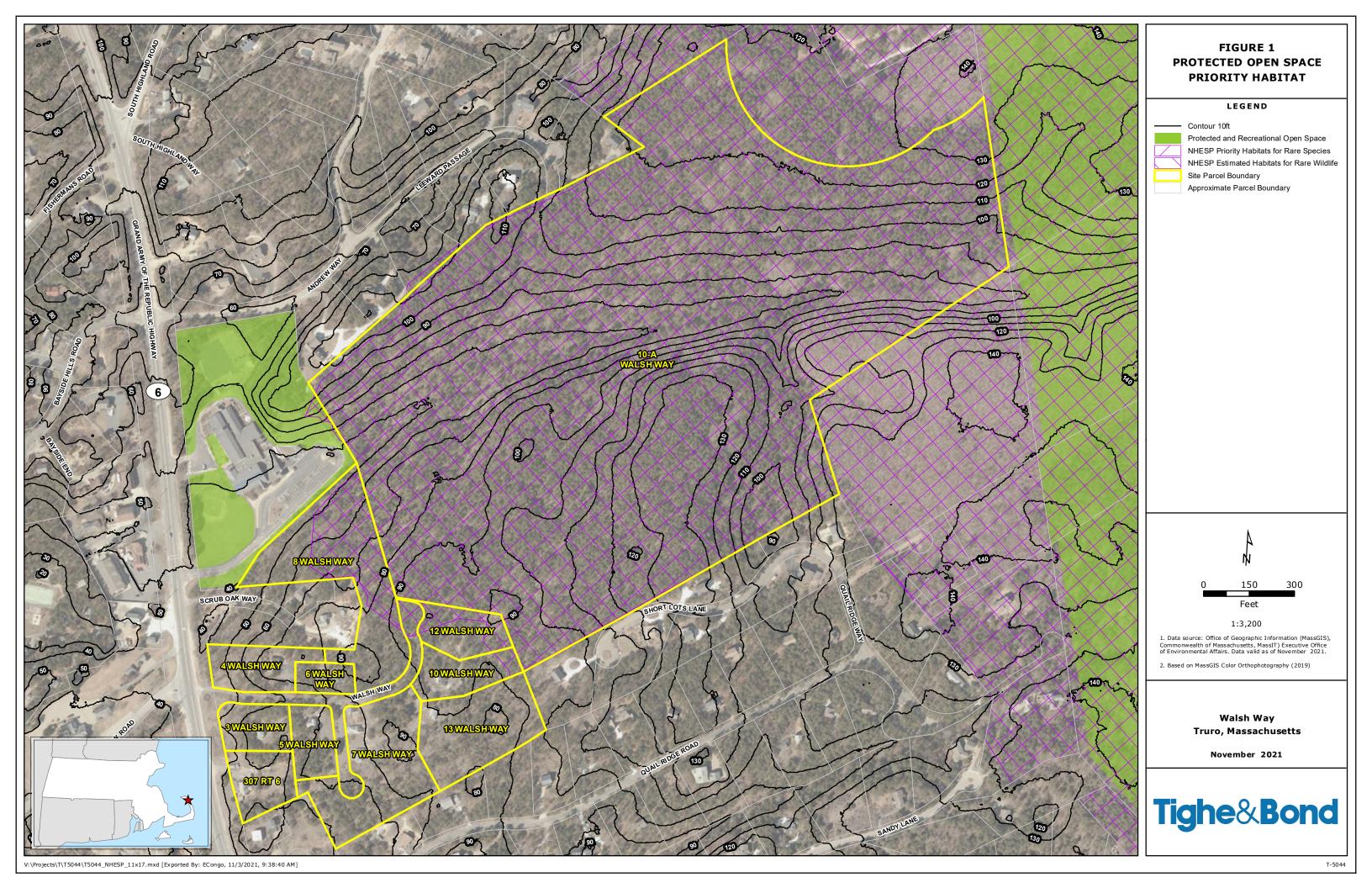
We look forward to discussing the findings with the Town.

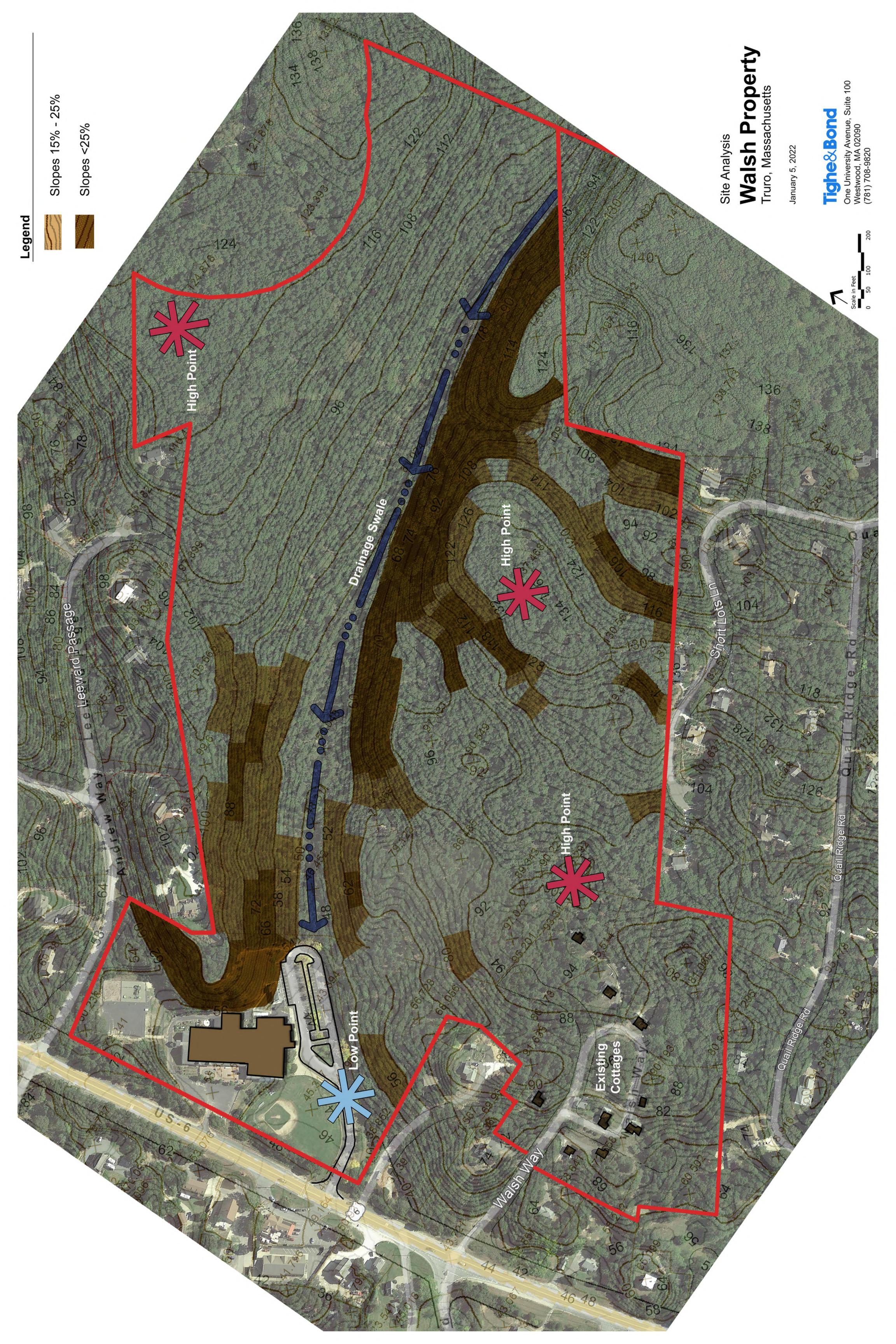
\\tighebond.com\\data\\Data\\Projects\\T\T5044 Truro Walsh Property\\Walsh Property Permitting

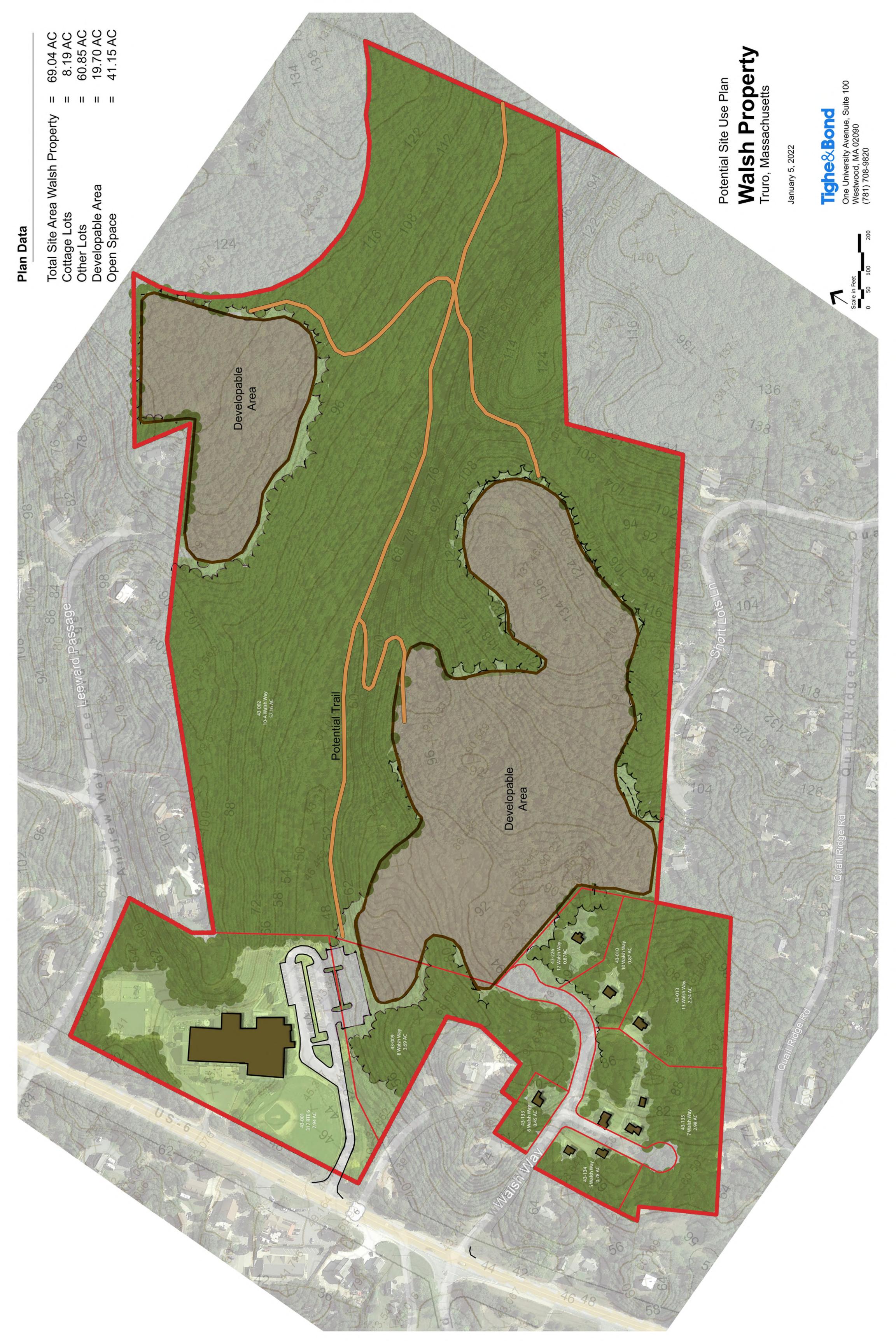
 $\label{thm:comdata} $$\operatorname{Data}\Pr_{T\to Walsh} Property Permitting Memo_01.07.22\_bhc\_edits.docx $$\operatorname{Data}\Pr_{T\to Walsh} Property Permitting Perm$ 

# **Attachment A**









# **Attachment B**

# Limited Environmental Site Assessment 69.8 +/- Acres on Walsh's Way Truro, MA

June 18, 2019



# Prepared for:

Ms. Rae Ann Palmer, Town Manager Town of Truro 24 Town Hall Road Truro, MA 02666

BSC PRJ. 5-0324.00

Prepared by:



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#### Exhibit A **EXECUTIVE SUMMARY**

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	2.02	Site Description and Current Uses/Operation			
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A nnan	diaaa				

#### Appendices

- EDR Regulatory Database Search Printout Aerial Photographic History Septic System information Laboratory Test Results (TPH) 1:
- 2:
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# EXHIBIT A EXECUTIVE SUMMARY

Between April 1, 2019 and June 18, 2019, BSC Group, Inc. (BSC) conducted preliminary site evaluation research activities regarding about 69.8 +/- acres of land located at Walsh Way Truro, MA. Based on the research and investigation activities documented herein, a summary report was prepared. BSC's findings and conclusions are presented below:

The purpose of this Phase I Environmental Site Assessment (ESA) was to identify Recognized Environmental Conditions (RECs) associated with the subject property as defined by ASTM E 1527-05.

#### **General Findings**

• The "Site" is described as being 69.8 +/- acres consisting of the parcels listed below as shown on Assessor's Map 43.

```
43-2 - #10A Walsh Way: 57.16 acres (vacant land),
43-9 - #8 Walsh Way: 3.69 acres (vacant land),
43-10 - #10 Walsh Way: 0.87 acres (with one building thereon)
43-13 - #13 Walsh Way: 2.24 acres (with one building thereon),
43-133 - #6 Walsh Way: 0.45 acres (with one building thereon),
43-134 - #5 Walsh Way: 0.78 acres (with one building thereon),
43-135 - #7 Walsh Way: 2.98 acres (with three buildings thereon),
43-226 - #12 Walsh Way: 0.87 acres (vacant land),
```

- The town is pursuing ownership of the Site for an undetermined future use.
- The owner of record is listed as the Steven Walsh Trust or related Walsh entities.
- The Site or any abutting properties are not listed by the MA DEP as a "Disposal Site".
- The Site is serviced by private wells and on-site septic systems.
- The site is primarily woodland with 7 wood framed seasonal dwellings, out buildings and paved driveways. One structure has an oil heating system with a relatively new above ground oil tank. The others were seasonal with small propane heating units or no heat at all.
- Since 1938 the forest has emerged in what was largely a cleared area.
- The DEP GIS MAP indicates the site is partially within Endangered Species Habitat.
- The site is not located within the FEMA flood zone.
- The Site is located within a Zone II drinking water (aquifer) area.

- DEP disposal sites exist within ½ mile from the site. All of the listed sites save one are reported as closed with permanent solutions except on at the Air Base. Based on record groundwater flow directions, all of these sites are cross gradient to the Site and are not considered significant to the Site.
- BSC walked the Site on May 30, 2019 with Fire Chief Tim Collins and DPW Director Jarred Cabrel, 2019.
- BSC also walked the site and discussed its history with the care taker Con Morris. No reports of hazardous material were revealed.
- No olfactory evidence of a release of oil or hazardous materials was noted other than a stain on the concrete panel floor in the basement of Unit 7. The interior of the basement at # 7 was observed to include an oil burner and lightly stained concrete floor tiles. Two of the floor tiles were removed and a soil sample (sand) collected from the below the slab in an effort to determine if the stain had impacted the soil below. Total Petroleum Hydrocarbon (TPH) results in the soil were reported by the lab at non-detect at 33 mg/kg detection limit (the MCP Reportable Concentration is 500 ppm) and as such, a conclusion was reached that there is no significant impact to the soils below the oil burner.
- There is significant solid waste (but not characterized as hazardous in nature) that is stored in the basements, garages and sheds on the site, it is advised that such material should be removed and disposed of in a legal manner.

#### Conclusion

Based on the site assessment completed and documented herein, BSC is of the opinion that no Recognized Environmental Conditions were found on the site.

#### **EXHIBIT B**

#### ENVIRONMENTAL SITE ASSESSMENT SUMMARY

#### 1.0 INTRODUCTION

#### 1.01 PURPOSE

The purpose of the Phase I ESA was to identify, to the extent feasible, recognized environmental concerns (REC) in connection with the property. This assessment included a site reconnaissance as well as research and interviews with representatives of the public, property management, and regulatory agencies as applicable or available.

#### A REC is defined as:

"The presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a material risk of harm to public health or the environment that generally would not be the subject of enforcement action if brought to the attention of appropriate governmental agencies."

#### 1.02 INVOLVED PARTIES

The parties involved include:

The Current owner:

10 Walsh Way Real Estate Trust, Neep Tide LLC, JW Walsh RE Trust, Stephen H Walsh et al, all of 4 Wellington Road Plymouth MA 02360

and

Ruth C Walsh RE Trust 142 Wampanoag Ln. Tiverton, RI 02876

*The future Owner:* 

Town of Truro 24 Town Hall Road Truro, MA 02666

#### 1.03 SCOPE OF SERVICES

This assessment is based on the following Scope of Services from BSC's agreement with the town of all Truro dated May 23, 2019.

#### **Limited Preliminary Environmental Site Assessment**

- Obtain readily available records of prior site use and zoning history;
- Review any Client provided reports, including previous environmental assessments, subsurface investigations, geo-technical studies and/or land use feasibility studies;
- Review relevant record plans, reports, subsurface soils reports, geotechnical studies, USGS topographic and bedrock maps, Mass GIS and aerial photographs;
- Interview knowledgeable contact person (to be identified by the Client) regarding any underground utilities, evidence of any chemical storage, site use and/or waste disposal practices associated with the Site;
- Examine files of State and local agencies regarding releases of oil and hazardous material and any recorded underground storage tanks within one half mile of the Site. Research will be performed at the DEP, and local municipal Fire Department, Board of Health, Assessors, Building Department, and Engineering Offices;
- Visit site and check for visual/olfactory evidence of contamination including staining of the ground, odors, empty chemical containers, and improper waste handling/storage;
- Complete an environmental database review utilizing the Environmental Data Resources, Inc. system for spills, releases, State/federal sites, and other relevant data; and
- Obtain and review historic Sanborn insurance maps (if the area has maps available) for relevant land use information.
- Visit the site grounds to observe conditions and photograph the grounds for olfactory evidence of oil or hazardous materials.

#### **Limited Preliminary Report Preparation**

- Assimilate and interpret information gathered as a result of the investigations, including a
  review of the Site history; review of available geologic studies for the area; identification of
  sensitive receptors; review of state and local databases and interviews of knowledgeable
  persons and municipal officials regarding the site conditions.
- Prepare one limited preliminary environmental site assessment report that documents the information obtained and identifies evidence related to release of oil or hazardous materials on

the Site. The report shall include copies of relevant site plans; research and observations; and findings and conclusions.

• Provide pdf copies and three (3) hard copies (if requested) of the report to the Client.

Any third party relying on the BSC Site Assessment Report(s) shall be limited by the Terms and Conditions of this Agreement. It is the responsibility of the Client to notify third parties of this limitation and to obtain their written assent to this conditional use of BSC information.

#### 2.0 GENERAL SITE CHARACTERISTICS

#### 2.01 SITE OWNERSHIP AND LOCATION WITH SITE LOCATION MAP

- The locus site consists of eight parcels of land with buildings and paved driveways thereon:
  - 43-2 #10A Walsh Way: 57.16 acres (vacant land),
  - 43-9 #8 Walsh Way: 3.69 acres (vacant land),
  - 43-10 #10 Walsh Way: 0.87 acres (with one building thereon)
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  - 43-134 #5 Walsh Way: 0.78 acres (with one building thereon),
  - 43-135 #7 Walsh Way: 2.98 acres (with three buildings thereon),
  - 43-226 #12 Walsh Way: 0.87 acres (vacant land),

#### Street Map Locus Plan

Owners information is shown below:

Key: 1880	T	own of TRU	RO - Fisca	ıl Year 20
CURRENT OWNER	PARCELID		LOCATION	
NE4P TIDE LLC &	43-2-0	1	10-A WALSH WAY	r
WALSH J W REAL ESTATE TRUST	TRANSFER HISTORY	T SOO	SALE PRICE	8K-PG (Cert)
C/O WALSH JOSEPH W	NEAP TIDE LLC &	08/30/2019		25648-117+
4 WELLINGTON RD	WALSH JOHN HENRY RE TRUST	09/05/2007   59		15998-325+
PLYMOUTH, M4 02360-2059	WALSH JOHN HENRY RE TRUST	11/29/2002	IPO Fice	15998-325-
		own of TRU		il Year 20
Key: 1887	T	own of TRU		il Year 20
***************************************	T FARCEL 10	own of TRU	LOCATION	il Year 20
Key: 1887  CURRENT OWNER  WALSH STEPHEN HET AL	FARCEL (0 43-3-0	own of TRU	LOCATION 8 WALSH WAY	il Year 20
Key: 1887  CURRENT OWNER  WALSH STEPHER HET AL C/O WALSH JOSEPH W	FARCEL 10 45-9-0 TRANSFER HISTORY	own of TRU	LOCATION 8 WALSH WAY	al Year 20

Key: 1888		Maria se a un enconcocación	JRO - Fisca	: Year 20
CURRENT OWNER	PARCEL ID		LOCATION	***************************************
10 WALSH WAY REAL EST TR	43-10-0	1	10 WALSH WAY	
trs: Walsh Joseph & Mary Ellen	TRANSFER HISTORY	DOS IT	SALE PRICE	SX-PG (Cert
4 WELLINGTON RD	10 WALSH WAY REAL EST TR	06:04-2053 99		17034-45
PLYMOUTH, MA 02380-2059	TEN WALSH WAY REAL EST TR	07:02:2002 59		15327-145
	WALSH JOSEPH WILL EVELYNE	10/17/1988 99		1416-235
Key: 1891	<b>T</b> 1	own of TRU	JRO - Fisca	i Year 20
CURRENT OWNER	PARCELID	1	EDCATION	······································
WALSH RUTH C REAL ESTATE TRUST	43-13-0		13 WALSH WAY	
TRS: SHEIL ELLEN R	Transfer History	Į DOS Į́T	SALE PRICE	BK-PG (Ce
142 WAMPANOG LN	WALSH RUTH CIREAL ESTATE	09/05/2007 99	1	15998-329+
FIVERTON, RI 02878	WALSH RUTH CIREAL EST TRU	11/29/2002 99	1	16998-329
	SVAUSH JOHN H & RUTH C	06:23/1965 69		1338-321
Key: 2005  CURRENT OWNER	FARCEL ID	***************************************	JRO - Fisca LOCATION	
WALSH STEPHEN H ET AL	48-133-6		6 WALSH WAY	مامعتسسسميت
C/O WAE SH JOSEPH W 4 WELLINGTON RD	TRANSFER HISTORY	į DOS į́T		
PLYMOUTH, ARA 82360-2059	WALSH STEPHEN HET AL	07/13/2011 59	· •	2253-116+
TE INITETINATION GEORGE EDGS	Walsh Stephen V&Elizabeth Walsh Stephen V&Elizabeth	01/28/2004 99 11/15/2003 99	· t	2263-116+ 17945-105+
Key: 2006	т.	own of TRL	JRO - Fisca	l Year 20
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C/O WALSH JOSÉPH W	TRANSFER HISTORY	DOS T	SALE FRICE	BX-FG (Cen
4 WELLINGTON RD	WALSHISTEPHEN HIET AL	07/13/2011 99		2263-116+
PLYMOUTH, MA 02090-2059	WALSHISTEPHEN V&EL(ZABETH	01/28/2004 99	ſ	2263-116+
	WALSH STEPHEN VSEUZABETH	11/19/2003 59		17945-105+
Key: 2007	T	own of TRi	JRO - Fisca	i Year 20
CURRENT OWNER	PARCEL ID		LOCATION	100000000000
WALSH STEPHEN H ET AL	49-135-0	- <del> </del>	7 WALSH WAY	
C/O WALSH JOSEPH W	TRANSFER HISTORY		SALE PRICE	
4 WELLINGTON RD	WALSHISTEPHEN HIET AL	07/13/2011 99		2253-115+
PLYMOUTH, MA 02360-2059	INALEM STESHEN VAROPARETA	ili name senerali es	.1	10053-4754

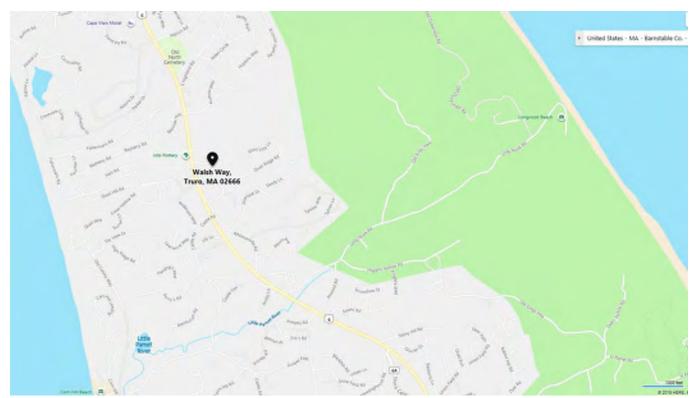
	CURRENT OWNER	PARCEL D	LOCATION
۲	WALSH STEPHEN H ET AL	43-135-0	7 WALSH WAY
Ē	CIO WALSH JOSEPH W	TRANSFER HISTORY	T SALE PRICE BK-PG (Cert)
G		WALSH STEPHEN HIET AL	07/13/2011 99 2263-116+
٠.	PLYMOUTH, MA 02360-2059	WALSH STEPHEN V&ELIZABETH	01/28/2004 99 2263-116+
-		WALSH STEPHEN VREUZABETH	11/19/2003   93   17945-7054
	· · · · · · · · · · · · · · · · · · ·	,	· · · · · · · · · · · · · · · · · · ·

	Key: 7276		wn of TRURO - Fiscal Year 2019	}
1	CURRENT OWNER	PARCEL ID	LOCATION	[
-	10 WALSH WAY REAL EST TR	45-226-8	12 WALSH WAY	L
G	TRS: WALSH JOSEPH & MARY ELLEN	TRANSFER HISTORY	DOS T SALE PRICE BX-FG (Cest)	Γ.
۵	4 WELLINGTON RD	10 WALSH WAY REAL EST TR	06:04:2003 59 17034-46	s
	PLYMOUTH, MA 02360-2859	TEN WALSH WAY REAL EST TR	07/02/2002 99 [19327-145 ]	1
- 1		WALSH JOSEPH WI& EVELYNE	10/17/1968 gg [1416-239	

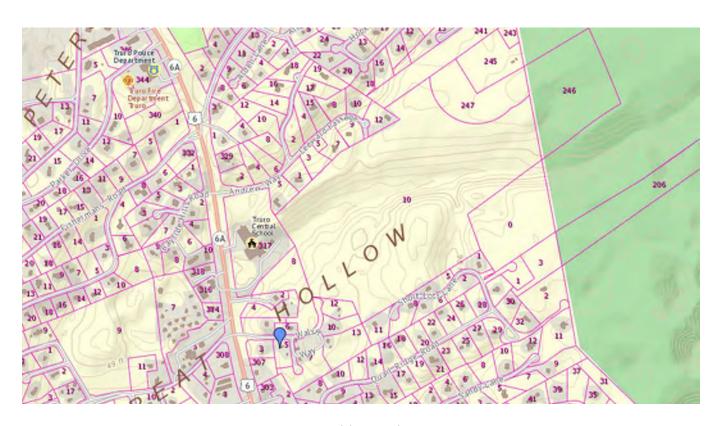
Assessors' Cards

The Site is located at:

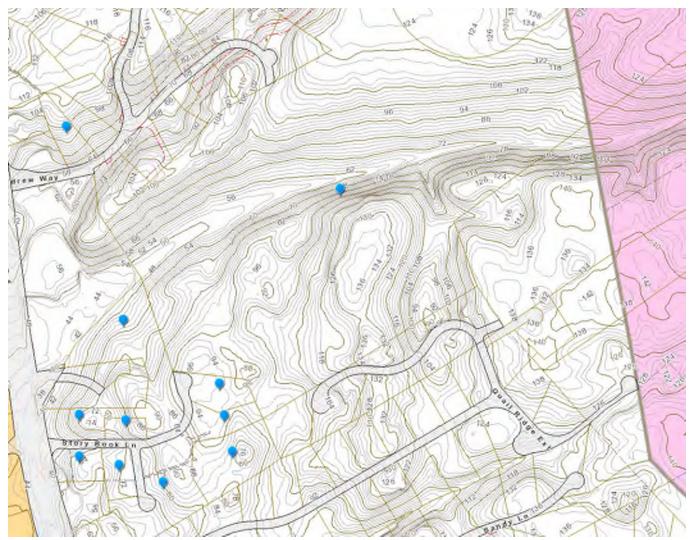
Latitude (North): 42.0155150 - 42° 0' 55.85'' Longitude (West): 70.0693710 - 70° 4' 9.73''



Locus Map



Locus Map with Lot Lines



Truro GIS Map shows the site ranges from elevation 40 +/-along Route 6 to 136 +/- mid site.

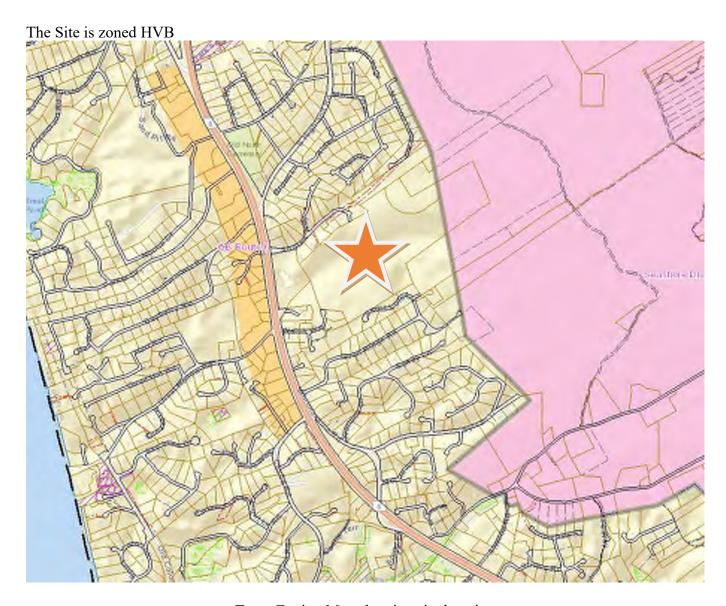
#### 2.02 Site Description and Current Uses/Operations

The majority of the site is virgin woodland.

The site is the location of eight 8 dwelling (cottages), 3 garages and 5 sheds. These are used seasonally.

1948 USGS map indicates the site ranges from elevation 100 +/-along Route 6 to 200 +/- in the central portion of the site. A steep ravine characterizes the larger eastern parcel.

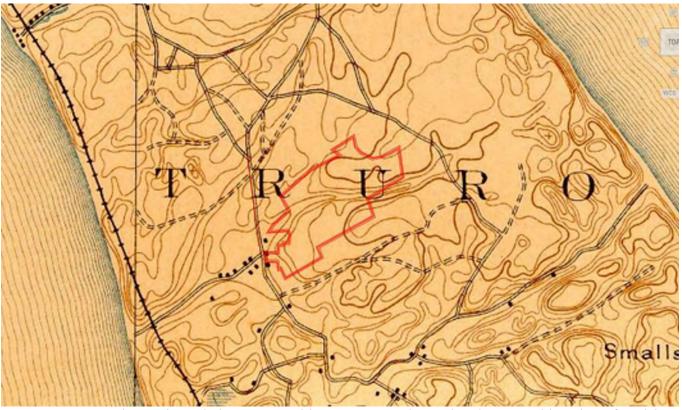
The site relies on private wells and on-site septic systems.



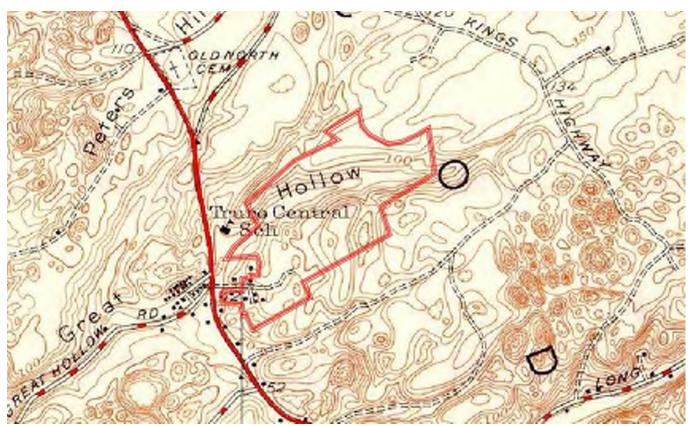
Truro Zoning Map showing site location

# 2.03 Former Site Uses and Operations

# **Site History**



1898 USGS Map shows site as being vacant with one structure located at the general location of Walsh Lane at Route 6.



1948 USGS map shows most of current cottages

## According to the assessor's records:

- # 5 Walsh Way was constructed in 1920.
- # 7 Walsh Way was constructed in 1920.
- #7A Walsh Way was constructed in 1919
- # 7B Walsh Way was constructed in 1928
- # 8 Walsh Way was constructed in 1940.
- # 10 Walsh Way was constructed in 1940.
- # 13 Walsh Way was constructed in 1940.

#### **Prior Reports Prepared by Others.**

There are no known prior reports prepared by others.

#### **Sandborne Insurance Maps**

There are no Sanborn maps available for the area.

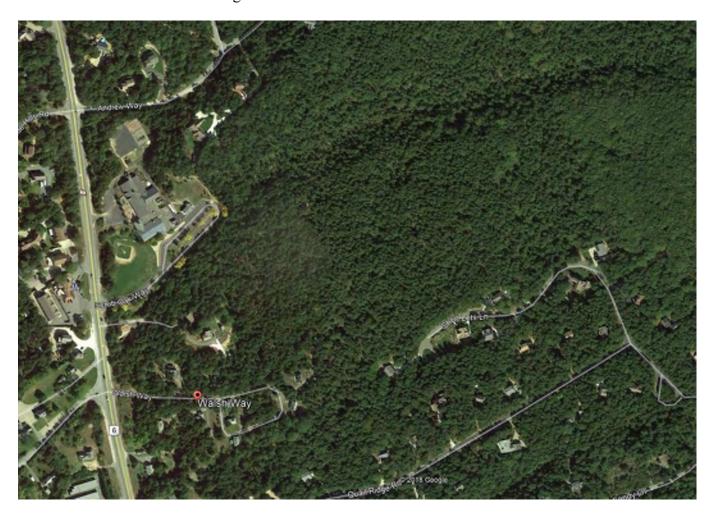
#### **City Directories**

There are no known City Directories.

### 2.04 Review of Historic Aerial Photographs

Additional aerial photographs are included in Appendix 2.

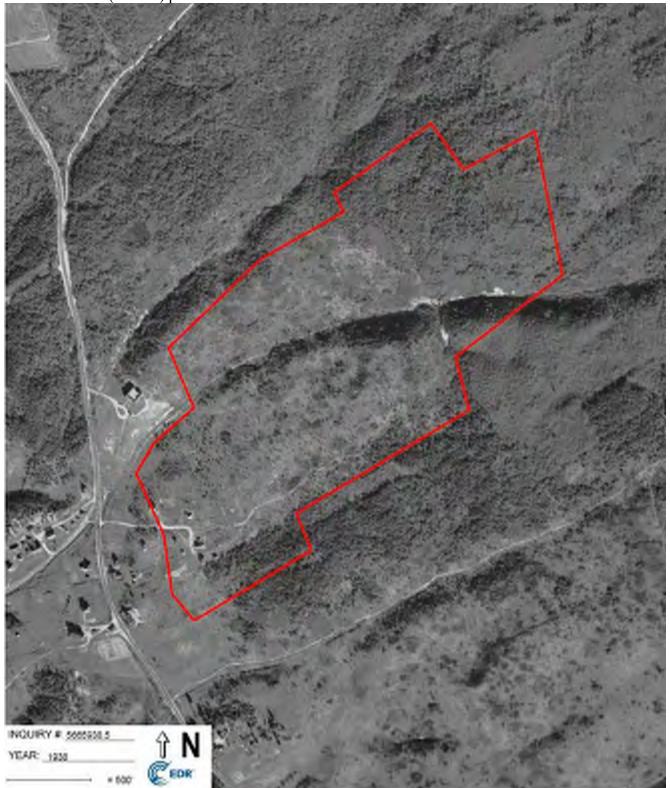
Historic aerial photographs indicate that the site and surrounding area has seen little change since 1971 and in 1938 several of the buildings on site existed.



Google Earth 2/18 image current conditions.

The 1938 aerial photo below shows much of the site as being cleared and an apparent wood road to the

center of the rear (eastern) parcel.



1938 aerial photo

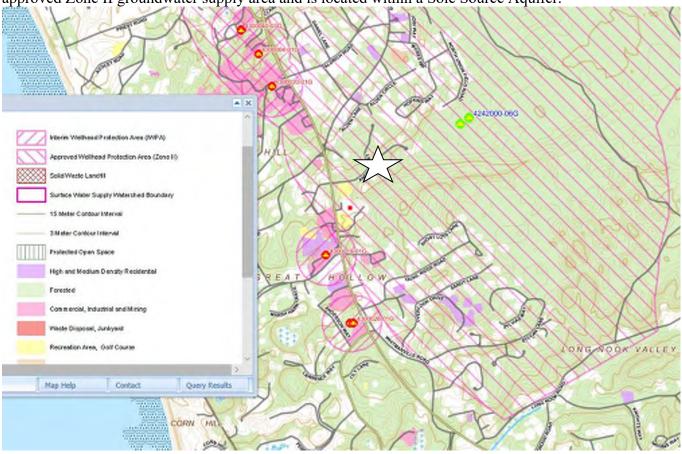
#### 3.0 ENVIRONMENTAL SETTING

#### 3.01 Regional Physiographic Conditions

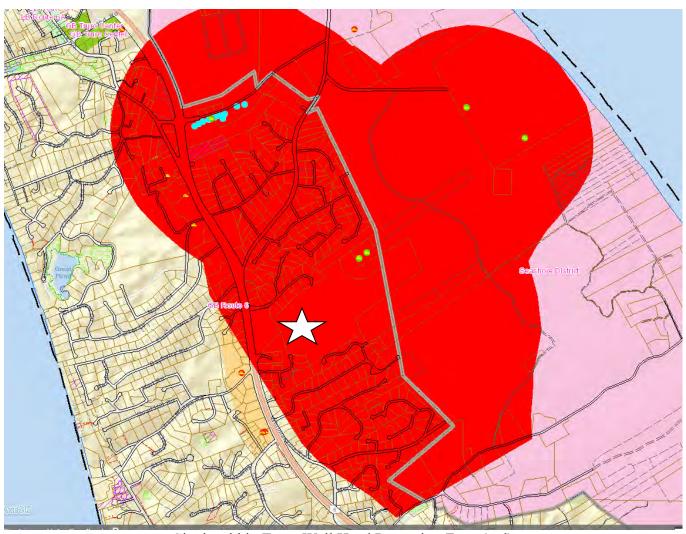
#### Surface Water, Hydrogeologic and Natural Resource Information

The property is shown on the DEP GIS priority resource map (below), the site is located in the DEP

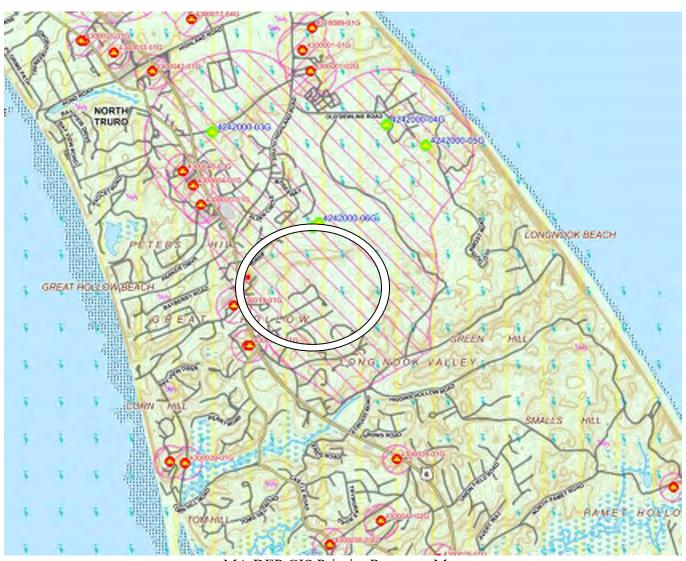
approved Zone II groundwater supply area and is located within a Sole Source Aquifer.



Site is located within a Zone II tributary to several "public" wells



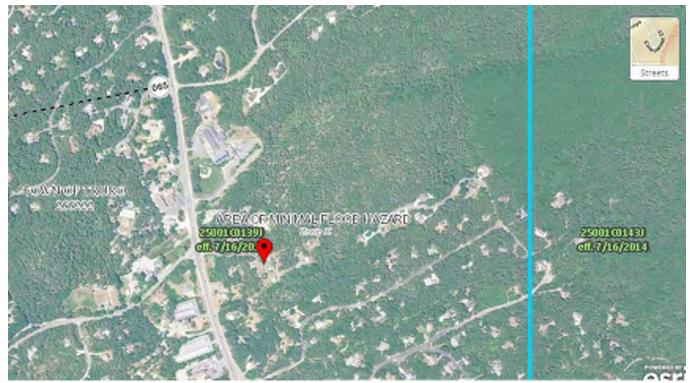
Site is within Truro Well Head Protection Zone (red)



MA DEP GIS Priority Resource Map

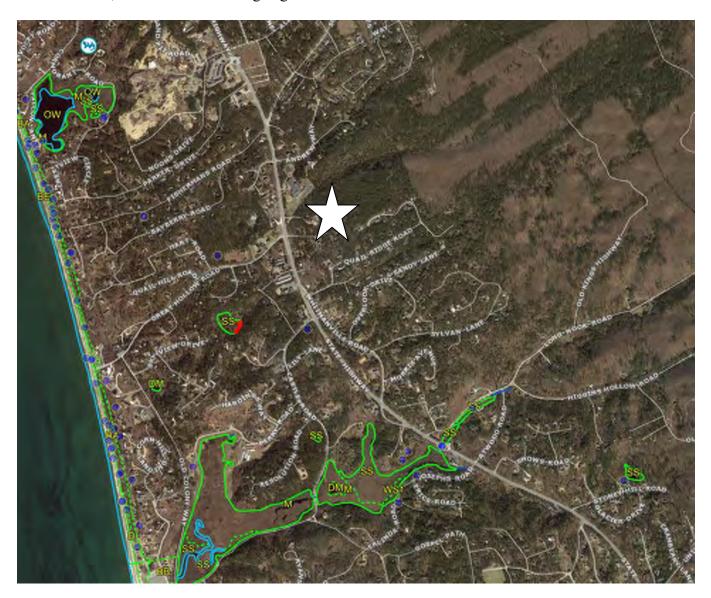
Site is located within a Zone II and inside a Sole Source Aquifer

# The FEMA Flood plain map depicts the site being outside the 100-year flood plain



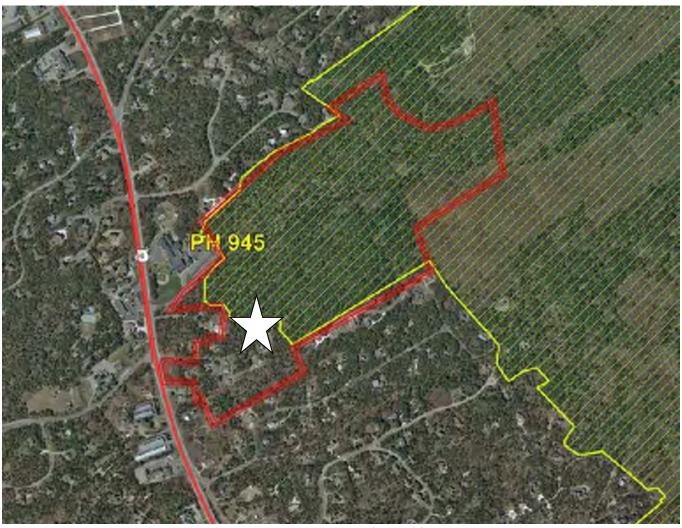
FEMA FIRM Map

From MA GIS, there are no bordering vegetated wetlands on or near the site.



Mass GIS Wetlands Map

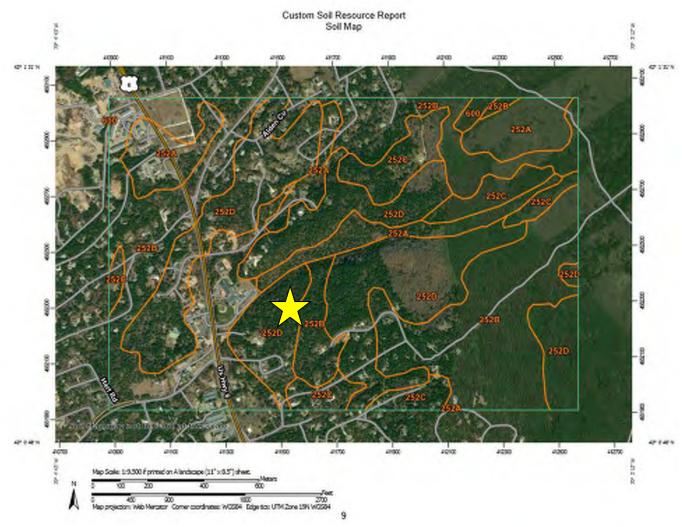
From MA GIS, much of the site (in particular parcel 43-2 -#10A Walsh Way: 57.16 acres) is located in an area of estimated rare species habitat (PH 945).



Mass DEP GIS Rear Species Habitat Map.

#### 3.02 Soil Conditions.

SCS soils map indicates the area to be 252 (Coarse Carver Sand)



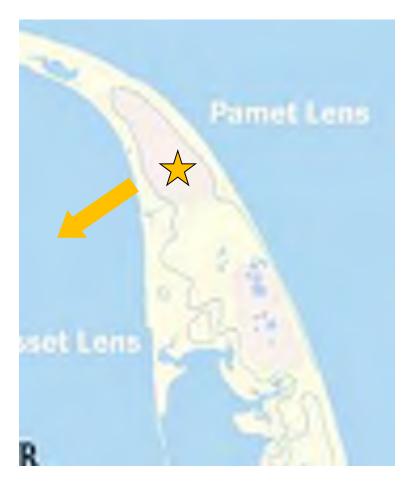
US- SCS Soils Map

#### 3.03 Surface Water and Groundwater Characteristics.

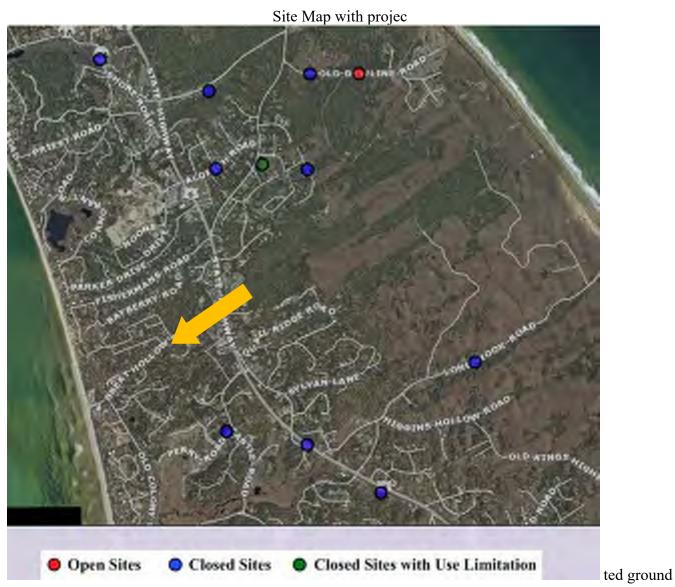
There are no surface water bodies on the site.

Site is located on the southern edge of the Pamet lens. The Cape Cod Commission groundwater contour map indicates a ground water ridge east of the site meaning the ground water on the site would be expected to from north-east to south-west

Only the Cape Cod National Seashore is up-gradient of the site and being virgin/vacant land there is no significant potential of any contamination to migrate to the Site.



Groundwater Contours from

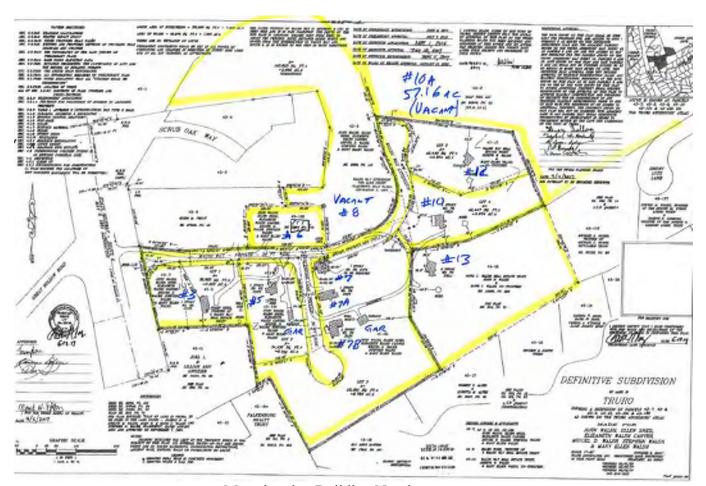


water flow direction and DEP release sites (all cross gradient). All sites are closed except Old Dewline Road LUST Radar site

#### **Results of Investigation**

#### **4.01 Site Inspection Observations**

The site consists of eight parcels of land, six of which are occupied by cottages. Building # 7 has a partial basement and the remainders are crawl space with cinderblock foundations.



Map showing Building Numbers

No areas of stained soil or distressed vegetation was observed, and no odors were noted with the exception of the floor of building #7 which had an old stain of the concrete floor panels (12"x12"). Based on TPH soil sampling of the sand under the floor panels near the boiler, it was concluded that no significant contamination existing (see below).

No storm Drainage system exists.

• BSC also walk the site and discussed its history with the care taker Con Morris. No reports of hazardous material were revealed. The caretaker reported the site was used for seasonal visits by the owner or renters. A water cistern exists as the top of the hill behind building #7A. this was used to store water pumped to it from a well. It is no longer in use but appears to remain based on the mounded soil in that location.

Most of the site is wooded/grassed with paved access driveways



Building # 7 ( with oil heater in basment)



Building 7B

69.8 +/- Acres Walsh's Way, Truro, MA. Page 24



Building 7C



Garage behing building 7C (well frame visisble)



Building # 10

The interior of the basement at # 7 was observed to include an oil burner and lightly stained concrete floor tiles. Two of the floor tiles were removed and a soil sample collected from the below the slab in an effort to determine if the stain had impacted the soil below. Total Petroleum Hydrocarbon (TPH) results in the soil were reported at non-detect at 33 mg/kg detection limit (the MCP Reportable Concentration is 500 ppm) and as such, a conclusion was reached that there is no significant impact to the soils below the oil burner. Laboratory results are included in Appendix 4.



Stained floor in # 7 basement



View of oil burner in basement of number seven. Floor tile removed to collect soil sample.

### **Utilities**

The site is serviced by private wells on-site septic systems, overhead electric, telephone and propane tank gas. One building (#7) has an above ground fuel oil tank replaced in 2011, that services an oil burner for heat. All other structures have no heat or a small propane tank system



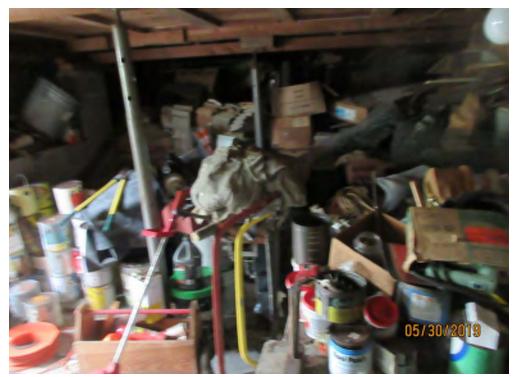
View of AST – no staining

## **Solid Waste Disposal**

Solid waste is understood to have been historically removed from the site by the owners.

Virtually all of the garage is in the basement number seven had some form of solid waste collected in them. This material, while possibly containing small quantities of household

hazardous waste is considered containerized and not considered an imminent potential for release, should be removed and disposed of legally.



Basement of # 7



Garage at #5



Garage at #10



Garage at # 7B

69.8 +/- Acres Walsh's Way, Truro, MA. Page 30

# **Wastewater Disposal**

Wastewater was disposed by on-site septic systems. Information of the septic systems is included in appendix 3.

# **Sumps**

No sump pumps were observed.

### Transformers.

No transformers were observed on the site.

# 4.02 Adjacent Site and Vicinity Observations

The Site is surrounded by residential, school and open space (Cape Cod National Seashore)

**Abutting Properties** residential Cape Cod National Seashore School residential Site

Google-earth view of site and surrounding properties



View of School east of Site

# 4.03 Results of Regulatory Agency List Review and File Research

BSC contracted Environmental Data Resources Inc. (EDR) to provide an environmental database records review report. This report is included in the Appendix 1.

The environmental database search did not list the Site as a disposal site in Massachusetts Contingency Plan.

No DEP disposal sites exist within ¼ mile from the site. Based on record groundwater flow directions, all of these sites are cross gradient to the Site except one of them,

### The Data Base did not report any:

- RCRA generators within proximity to the site
- National Priority List sites within ½ mile,

- CERCLIS sites within 1/4 mile of the Site,
- RCRA Treatment, Storage & Disposal (TSD) Facilities facilities within 0.5 mile of the Site.
- Based on review of the database report no Recognized Environmental Conditions surrounding properties were identified.

### 4.04 Results of Site History/Land Use Review

#### **Personal Interviews**

Owner Caretaker Con Morris, did not report any significant historic use of oils or hazardous materials or releases thereof.

No written information in the form of a site questionnaire was provided by the owner.

### **Site Records Review**

No prior reports were available.

### Fire Insurance Rate Maps

Sanborn maps were not available for this area

### **Municipal Research**

Board of health had numerous records of the septic systems (see appendix 3).

Fire Dept. records did not report any UST's or AST's on the Site

#### DEPARTMENT OF ENVIRONMENTAL PROTECTION SOUTHEAST REGIONAL FILES

Whereas there were no listed "disposal sites" on or within the proximity and upgradient of the Site, BSC did not review any files at the DEP Regional office.

#### 5.0 FINDINGS

Between April 1, 2019 and June 18, 2019, BSC Group, Inc. (BSC) conducted preliminary site evaluation research activities regarding about 69.8 +/- acres of land located at Walsh Way Truro, MA. Based on the research and investigation activities documented herein, a summary report was prepared. BSC's findings and conclusions are presented below:

The purpose of this Phase I Environmental Site Assessment (ESA) was to identify Recognized Environmental Conditions (RECs) associated with the subject property as defined by ASTM E 1527-05.

• The "Site" is described as being 69.8 +/- acres consisting of the parcels listed below as shown on Assessor's Map 43.

```
43-2 - #10A Walsh Way: 57.16 acres (vacant land),
43-9 - #8 Walsh Way: 3.69 acres (vacant land),
43-10 - #10 Walsh Way: 0.87 acres (with one building thereon)
43-13 - #13 Walsh Way: 2.24 acres (with one building thereon),
43-133 - #6 Walsh Way: 0.45 acres (with one building thereon),
43-134 - #5 Walsh Way: 0.78 acres (with one building thereon),
43-135 - #7 Walsh Way: 2.98 acres (with three buildings thereon),
43-226 - #12 Walsh Way: 0.87 acres (vacant land),
```

- The town is pursuing ownership of the Site for an undetermined future use.
- The owner of record is listed as the Steven Walsh Trust or related Walsh entities.
- The Site or any abutting properties are not listed by the MA DEP as a "Disposal Site".
- The Site is serviced by private wells and on-site septic systems.

- The site is primarily woodland with 7 wood framed seasonal dwellings, out buildings and paved driveways. One structure has an oil heating system with a relatively new above ground oil tank. The others were seasonal with small propane heating units or no heat at all.
- Since 1938 the forest has emerged in what was largely a cleared area.
- The DEP GIS MAP indicates the site is partially within Endangered Species Habitat.
- The site is not located within the FEMA flood zone.
- The Site is located within a Zone II drinking water (aquifer) area.
- DEP disposal sites exist within ½ mile from the site. All of the listed sites save one are reported as closed with permanent solutions except on at the Air Base. Based on record groundwater flow directions, all of these sites are cross gradient to the Site and are not considered significant to the Site.
- BSC walked the Site on May 30, 2019 with Fire Chief Tim Collins and DPW Director Jarrod Cabral, 2019.
- BSC also walked the site and discussed its history with the care taker Lon Morris. No reports of hazardous material were revealed.
- No olfactory evidence of a release of oil or hazardous materials was noted other than a stain on the concrete panel floor in the basement of Unit 7. The interior of the basement at # 7 was observed to include an oil burner and lightly stained concrete floor tiles. Two of the floor tiles were removed and a soil sample (sand) collected from the below the slab in an effort to determine if the stain had impacted the soil below. Total Petroleum Hydrocarbon (TPH) results in the soil were reported by the lab at non-detect at 33 mg/kg detection limit (the MCP Reportable Concentration is 500 ppm) and as such, a conclusion was reached that there is no significant impact to the soils below the oil burner.
- There is significant solid waste (but not characterized as hazardous in nature) that is stored in the basements, garages and sheds on the site, it is advised that such material should be removed and disposed of in a legal manner.

#### 6.0 CONCLUSION

Based on the site assessment completed and documented herein, BSC is of the opinion that no Recognized Environmental Conditions were found on the site.

#### 7.0 LIMITATIONS

- BSC staff performed the research as described in the report.
- The Site investigators are familiar with the current provisions of Massachusetts General Law (M.G.L) Chapter 21E and implementing regulations under said Law, including the materials which fall within the definitions of "oil" and "hazardous materials" thereunder. However, all references and laboratory analysis in this report are based upon the following definitions: Priority Pollutants (as per Federal Clean Water Act), the Massachusetts Drinking Water Standards (as per 310 CMR 22), and the National Secondary Drinking Water Standards (as per 40 CFR 143), and the Massachusetts Contingency Plan 310 CMR 40.0000.
- In preparing this report, BSC has relied on certain information provided by state and local officials, other referenced parties, and on information contained in the files of state and/or local agencies available to the time of BSC at the time of the Site Assessment. Although there may be a degree of overlap in the information provided by these sources, BSC did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of Site Assessment.
- The Site investigators reviewed the recent history of the Site and considered the potential for the generation, use, treatment, storage, or disposal of oil or hazardous material by (a) the uses presently associated with the Site and (b) to the extent ascertainable by inquiry as noted in the "Site Investigation", e.g. the uses previously associated with the Site.
- The Site investigators studied the areas in the vicinity of the Site except as hereinafter qualified to assess the evidence of possible presence of oil and hazardous material on the Site. This investigation included the observations described in the Summary. However, where access to the portions of the Site or structures on the Site were physically unavailable or obstructed, BSC renders no opinion regarding the presence of oil and hazardous materials within interior walls, floors, ceilings of buildings or other areas physically inaccessible or obstructed.
- BSC did not perform any analyses to determine if the presence of radon or urea formaldehyde at or in the environment at the Site as part of this investigation nor any investigation of building materials that contain PCB's, lead paint or hazardous materials.
- No analysis was performed to determine the presence of asbestos at or in the environment at the Site as part of this investigation.
- The conclusions summarized herein are based on and limited by the investigation as stated in this report and by the Scope of Services as defined. This report was prepared in accordance with

generally accepted practice. Should additional data become available in the future, these data should be reviewed by BSC and conclusions presented herein modified accordingly.

• No other warranty, expressed or implied, is made. No other conclusions, interpretations or recommendations are contained or implied in this report. No specific attempt was made to check the compliance of present or past owners, tenants, or operators of the Site with federal, state or local laws and regulations, environmental or otherwise. Should additional investigations discover differing conditions, sections of this report may require modification.

### 8.0 References

• The Site investigators relied on the current provisions of Massachusetts General Law (M.G.L) Chapter 21E and implementing regulations under said Law, including the materials which fall within the definitions of "oil" and "hazardous materials" thereunder. However, all references and laboratory analysis in this report are based upon the following definitions: Priority Pollutants (as per Federal Clean Water Act), the Massachusetts Drinking Water Standards (as per 310 CMR 22), and the National Secondary Drinking Water Standards (as per 40 CFR 143), and the Massachusetts Contingency Plan 310 CMR 40.0000.

### 9.0 Certificate

"I certify that I have personally examined and am familiar with the information contained in this document and all attachments and based on inquiry of those individuals immediately responsible for obtaining the information, believe that the information is true, accurate and complete."

This report is dated June 18, 2019, and is signed by an individual who is duly authorized to do so.

BSC GROUP, INC.

David J. Crispin, LSP, PE

Senior Associate

\\bscbos\bos\Proposals-BOS\2019\Butters Brazilian LLP (Zide) 21E\report to be moved to 5-0300.00\21E rept 459 Main street Hyannis ma .doc 6/18/2019 9:27 AM

Walsh Way 15 Walsh Way Truro, MA 02666

Inquiry Number: 5665938.2s

May 28, 2019

# The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor Shelton, CT 06484 Toll Free: 800.352.0050 www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

#### TARGET PROPERTY INFORMATION

#### **ADDRESS**

15 WALSH WAY TRURO, MA 02666

#### **COORDINATES**

Latitude (North): 42.0155150 - 42° 0' 55.85" Longitude (West): 70.0693710 - 70° 4' 9.73"

Universal Tranverse Mercator: Zone 19 UTM X (Meters): 411455.8 UTM Y (Meters): 4651838.5

Elevation: 79 ft. above sea level

#### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5642644 NORTH TRURO, MA

Version Date: 2012

South Map: 5642147 WELLFLEET, MA

Version Date: 2012

#### **AERIAL PHOTOGRAPHY IN THIS REPORT**

Portions of Photo from: 20140718 Source: USDA

### MAPPED SITES SUMMARY

Target Property Address: 15 WALSH WAY TRURO, MA 02666

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	S HIGHLAND RD LANDFI	HIGHLAND RD	SHWS, INST CONTROL, RELEASE	Higher	1302, 0.247, North
2	SOUTH HIGHLAND ROAD	HIGHLAND ROAD	SEMS-ARCHIVE	Higher	1672, 0.317, NNE
3	ROADWAY - VEHICLE AC	IN FRONT 350 RT 6	SHWS, RELEASE	Higher	1929, 0.365, NNW
4	NO LOCATION AID	1 PERRY RD	SHWS, LAST, RELEASE	Lower	2203, 0.417, South
5	OFF EASTLE RD	8 HARDING WAY	LAST, RELEASE	Lower	2540, 0.481, SSW
6	FORMER AIR BASE	32 OLD DEWLINE RD	SHWS, LUST, RELEASE	Higher	3214, 0.609, NNE
7	NEAR SOMERSET PWR	TAUNTON RIV	SHWS, RELEASE	Higher	3381, 0.640, NE
8	WTP SO. HOLLOW WELLF	11 SOUTH HOLLOW RD	SHWS, RELEASE	Lower	3673, 0.696, North

#### TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

#### **DATABASES WITH NO MAPPED SITES**

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

#### STANDARD ENVIRONMENTAL RECORDS

Federal	NPI	site	list
i cuci ai	/1/ L	SILE	II3t

NPL	National Priority List
Proposed NPL	Proposed National Priority List Sites
NPL LIENS	Federal Superfund Liens

#### Federal Delisted NPL site list

Delisted NPL...... National Priority List Deletions

#### Federal CERCLIS list

<b>FEDERAL</b>	FACILITY Federal Facility Site Information listing
SEMS	Superfund Enterprise Management System

#### Federal RCRA CORRACTS facilities list

CORRACTS...... Corrective Action Report

#### Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF...... RCRA - Treatment, Storage and Disposal

#### Federal RCRA generators list

RCRA-LQG	RCRA - Large Quantity Generators
RCRA-SQG	RCRA - Small Quantity Generators
RCRA-CESQG	RCRA - Conditionally Exempt Small Quantity Generator

### Federal institutional controls / engineering controls registries

LUCIS	Land Use Control Information System
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls

#### Federal ERNS list

ERNS..... Emergency Response Notification System

State and tribal landfill and	l/or solid waste	disposal site lists
-------------------------------	------------------	---------------------

SWF/LF...... Solid Waste Facility Database/Transfer Stations

#### State and tribal leaking storage tank lists

Leaking Underground Storage Tank Listing INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

#### State and tribal registered storage tank lists

FEMA UST...... Underground Storage Tank Listing

INDIAN UST..... Underground Storage Tanks on Indian Land

### State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

#### State and tribal Brownfields sites

BROWNFIELDS..... Completed Brownfields Covenants Listing

#### ADDITIONAL ENVIRONMENTAL RECORDS

#### Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

#### Local Lists of Landfill / Solid Waste Disposal Sites

INDIAN ODI...... Report on the Status of Open Dumps on Indian Lands DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations ..... Open Dump Inventory

IHS OPEN DUMPS..... Open Dumps on Indian Land

### Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL Delisted National Clandestine Laboratory Register US CDL...... National Clandestine Laboratory Register

#### Local Land Records

LIENS.....Liens Information Listing LIENS 2..... CERCLA Lien Information

#### Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

SPILLS...... Historical Spill List
RELEASE...... Reportable Releases Database SPILLS 90...... SPILLS 90 data from FirstSearch

SPILLS 80...... SPILLS 80 data from FirstSearch

#### Other Ascertainable Records

RCRA NonGen / NLR...... RCRA - Non Generators / No Longer Regulated

FUDS Formerly Used Defense Sites DOD Department of Defense Sites

SCRD DRYCLEANERS...... State Coalition for Remediation of Drycleaners Listing

US FIN ASSUR\_\_\_\_\_ Financial Assurance Information

EPA WATCH LIST..... EPA WATCH LIST

2020 COR ACTION............. 2020 Corrective Action Program List

TSCA..... Toxic Substances Control Act

TRIS...... Toxic Chemical Release Inventory System

RAATS...... RCRA Administrative Action Tracking System

ICIS...... Integrated Compliance Information System

Act)/TSCA (Toxic Substances Control Act)

MLTS...... Material Licensing Tracking System COAL ASH DOE...... Steam-Electric Plant Operation Data

COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List

PCB TRANSFORMER\_\_\_\_\_PCB Transformer Registration Database

RADINFO...... Radiation Information Database

HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing

DOT OPS..... Incident and Accident Data

CONSENT..... Superfund (CERCLA) Consent Decrees

INDIAN RESERV.....Indian Reservations

FUSRAP..... Formerly Utilized Sites Remedial Action Program

UMTRA..... Uranium Mill Tailings Sites

LEAD SMELTERS..... Lead Smelter Sites

US AIRS..... Aerometric Information Retrieval System Facility Subsystem

US MINES..... Mines Master Index File

ABANDONED MINES..... Abandoned Mines

FINDS....... Facility Index System/Facility Registry System
DOCKET HWC...... Hazardous Waste Compliance Docket Listing
ECHO...... Enforcement & Compliance History Information

UXO...... Unexploded Ordnance Sites

FUELS PROGRAM..... EPA Fuels Program Registered Listing

AIRS..... Permitted Facilities Listing

ASBESTOS...... ASBESTOS

DRYCLEANERS...... Regulated Drycleaning Facilities ENF..... Enforcement Action Cases

Financial Assurance Information Listing

GWDP\_\_\_\_\_ Ground Water Discharge Permits

HW GEN..... List of Massachusetts Hazardous Waste Generators MERCURY..... Mercury Product Recyling Drop-Off Locations Listing

NPDES Permit Listing
TIER 2 Tier 2 Information Listing

TSD..... TSD Facility

UIC...... Underground Injection Control Listing

### **EDR HIGH RISK HISTORICAL RECORDS**

#### **EDR Exclusive Records**

EDR MGP..... EDR Proprietary Manufactured Gas Plants

EDR Hist Auto\_\_\_\_\_\_ EDR Exclusive Historical Auto Stations EDR Hist Cleaner\_\_\_\_\_ EDR Exclusive Historical Cleaners

#### **EDR RECOVERED GOVERNMENT ARCHIVES**

#### Exclusive Recovered Govt. Archives

RGA HWS	Recovered Government Archive State Hazardous Waste Facilities List
RGA LUST	Recovered Government Archive Leaking Underground Storage Tank

#### **SURROUNDING SITES: SEARCH RESULTS**

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in **bold italics** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

#### STANDARD ENVIRONMENTAL RECORDS

#### Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 04/11/2019 has revealed that there is 1 SEMS-ARCHIVE site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SOUTH HIGHLAND ROAD Site ID: 0101514 EPA Id: MAD985271279	HIGHLAND ROAD	NNE 1/4 - 1/2 (0.317 mi.)	2	11

#### State- and tribal - equivalent CERCLIS

SHWS: Contains information on releases of oil and hazardous materials that have been reported to DEP.

A review of the SHWS list, as provided by EDR, and dated 02/28/2019 has revealed that there are 6 SHWS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
S HIGHLAND RD LANDFI Release Tracking Number / Current S	HIGHLAND RD Status: 4-0000897 / RAO	N 1/8 - 1/4 (0.247 mi.)	1	8
ROADWAY - VEHICLE AC Release Tracking Number / Current S	IN FRONT 350 RT 6 Status: 4-0020912 / RAO	NNW 1/4 - 1/2 (0.365 mi.)	3	13
FORMER AIR BASE Release Tracking Number / Current S	<b>32 OLD DEWLINE RD</b> Status: 4-0019586 / RAO	NNE 1/2 - 1 (0.609 mi.)	6	23
NEAR SOMERSET PWR Release Tracking Number / Current S Release Tracking Number / Current S		NE 1/2 - 1 (0.640 mi.)	7	26
Lower Elevation	Address	Direction / Distance	Map ID	Page
NO LOCATION AID  Release Tracking Number / Current S	1 PERRY RD Status: 4-0010336 / RAO	S 1/4 - 1/2 (0.417 mi.)	4	15
WTP SO. HOLLOW WELLF Release Tracking Number / Current S	11 SOUTH HOLLOW RD Status: 4-0018962 / RAO	N 1/2 - 1 (0.696 mi.)	8	27

#### State and tribal leaking storage tank lists

LAST: The Leaking Aboveground Storage Tanks database

A review of the LAST list, as provided by EDR, and dated 02/28/2019 has revealed that there are 2 LAST sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
NO LOCATION AID	1 PERRY RD	S 1/4 - 1/2 (0.417 mi.)	4	15
Release Tracking Number / Cur	rent Status: 4-0010336 / RAO			
OFF EASTLE RD	8 HARDING WAY	SSW 1/4 - 1/2 (0.481 mi.)	5	20
Release Tracking Number / Cur	rent Status: 4-0011881 / RAO			

### State and tribal institutional control / engineering control registries

INST CONTROL: Activity and Use Limitations establish limits and conditions on the future use of contaminated property, and therefore allow cleanups to be tailored to these uses.

A review of the INST CONTROL list, as provided by EDR, and dated 02/28/2019 has revealed that there is 1 INST CONTROL site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	
S HIGHLAND RD LANDFI Release Tracking Number: 4-0000897	HIGHLAND RD	N 1/8 - 1/4 (0.247 mi.)	1	8	

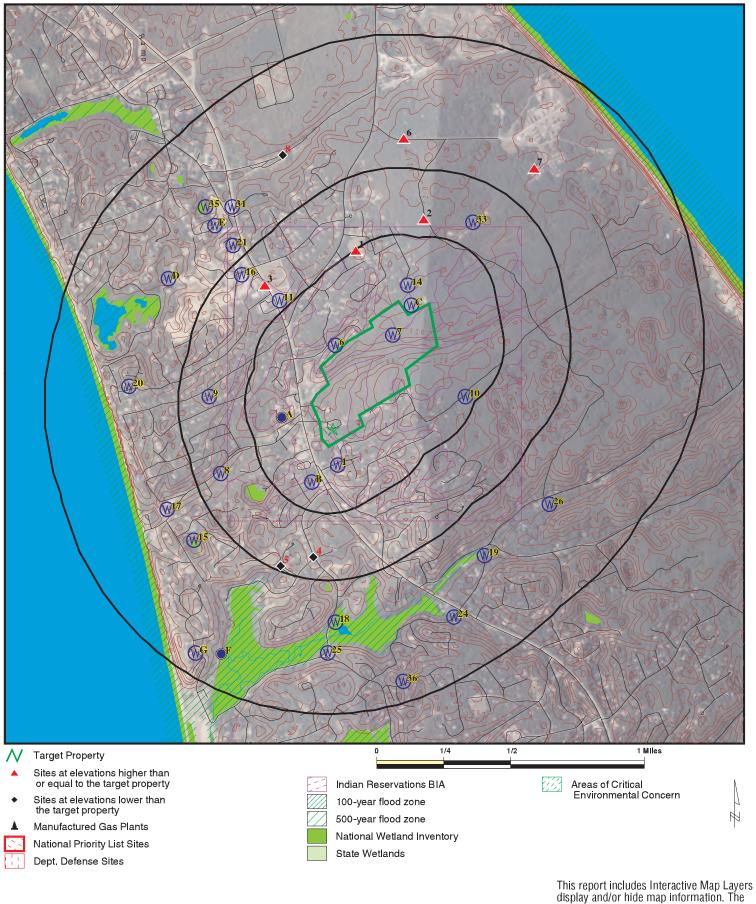
Due to poor or inadequate address information, the following sites were not mapped. Count: 2 records.

Site Name Database(s)

AIR ROUTE SURVEILLANCE RADAR SITE NO LOCATION AID

SHWS, RELEASE SHWS, RELEASE

### **OVERVIEW MAP - 5665938.2S**



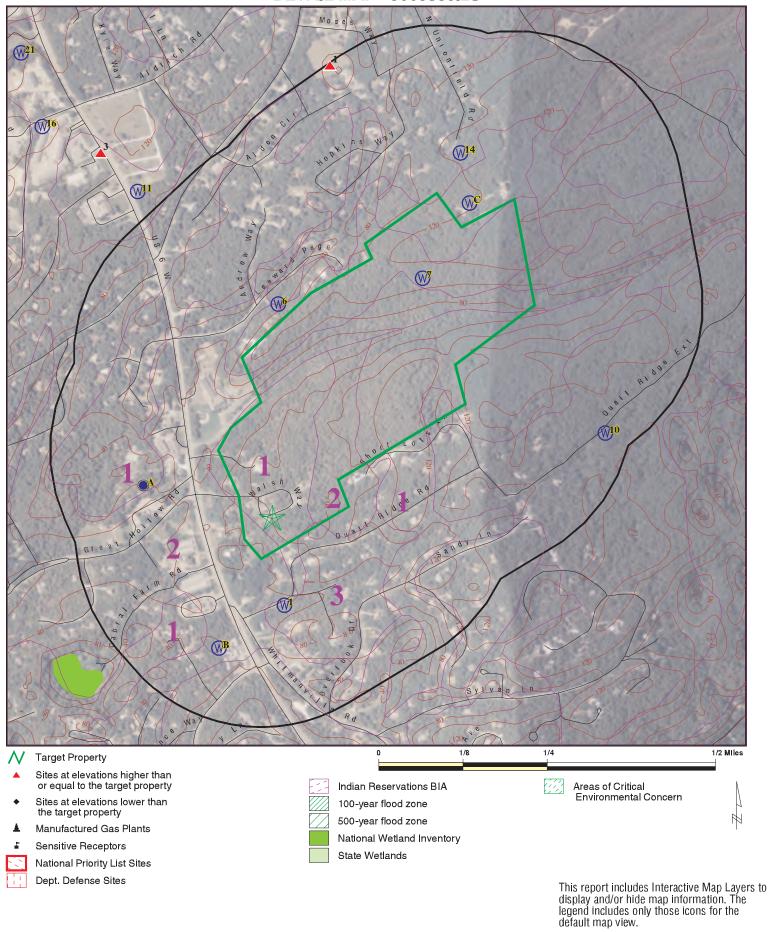
This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Walsh Way
ADDRESS: 15 Walsh Way
Truro MA 02666
LAT/LONG: 42.015515 / 70.069371

CLIENT: The BSC Group CONTACT: David Crispin INQUIRY #: 5665938.2s DATE: May 28, 2019 5:

E: May 28, 2019 5:59 pm

### **DETAIL MAP - 5665938.2S**



SITE NAME: Walsh Way ADDRESS: 15 Walsh Way

LAT/LONG:

Truro MA 02666 42.015515 / 70.069371 CLIENT: The BSC Group CONTACT: David Crispin INQUIRY #: 5665938.2s DATE: May 28, 2019 6:00 pm

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMEN	TAL RECORDS							
Federal NPL site list								
NPL Proposed NPL NPL LIENS	1.000 1.000 1.000		0 0 0	0 0 0	0 0 0	0 0 0	NR NR NR	0 0 0
Federal Delisted NPL sit	e list							
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY SEMS	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
Federal CERCLIS NFRA	P site list							
SEMS-ARCHIVE	0.500		0	0	1	NR	NR	1
Federal RCRA CORRAC	TS facilities li	st						
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-COR	RACTS TSD f	acilities list						
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generator	rs list							
RCRA-LQG RCRA-SQG RCRA-CESQG	0.250 0.250 0.250		0 0 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 0 0
Federal institutional con engineering controls re								
LUCIS US ENG CONTROLS US INST CONTROL	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equiva	alent CERCLIS	3						
SHWS	1.000		0	1	2	3	NR	6
State and tribal landfill a solid waste disposal site								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking	storage tank l	ists						
LUST LAST INDIAN LUST	0.500 0.500 0.500		0 0 0	0 0 0	0 2 0	NR NR NR	NR NR NR	0 2 0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UST AST INDIAN UST	0.250 0.250 0.250		0 0 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 0 0
State and tribal institutio control / engineering con		<b>;</b>						
INST CONTROL	0.500		0	1	0	NR	NR	1
State and tribal voluntary	/ cleanup site	s						
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfie	lds sites							
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMEN	TAL RECORDS							
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / S Waste Disposal Sites	Solid							
INDIAN ODI DEBRIS REGION 9 ODI IHS OPEN DUMPS	0.500 0.500 0.500 0.500		0 0 0 0	0 0 0 0	0 0 0 0	NR NR NR NR	NR NR NR NR	0 0 0 0
Local Lists of Hazardous Contaminated Sites	waste /							
US HIST CDL US CDL	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 0
Local Land Records								
LIENS LIENS 2	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 0
Records of Emergency R	Release Repor	ts						
HMIRS SPILLS RELEASE SPILLS 90 SPILLS 80	TP TP TP TP TP		NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	0 0 0 0
Other Ascertainable Records								
RCRA NonGen / NLR FUDS DOD SCRD DRYCLEANERS US FIN ASSUR EPA WATCH LIST 2020 COR ACTION	0.250 1.000 1.000 0.500 TP TP 0.250		0 0 0 0 NR NR 0	0 0 0 0 NR NR 0	NR 0 0 0 NR NR NR	NR 0 0 NR NR NR NR	NR NR NR NR NR NR	0 0 0 0 0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
TSCA TRIS SSTS ROD RMP RAATS PRP PADS ICIS FTTS MLTS COAL ASH DOE COAL ASH EPA PCB TRANSFORMER RADINFO HIST FTTS DOT OPS CONSENT INDIAN RESERV FUSRAP UMTRA LEAD SMELTERS US AIRS US MINES ABANDONED MINES FINDS DOCKET HWC ECHO UXO FUELS PROGRAM AIRS ASBESTOS DRYCLEANERS ENF Financial Assurance GWDP HW GEN	(Miles)  TP TP TP TP 1.000 TP 1.000 1.000 1.000 0.500 TP TP TP 0.250 TP TP TP 1.000	Property		1/8 - 1/4	1/4 - 1/2  NR NR O R R R R NR O R NR N	1/2	1         NRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR	Plotted  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
MERCURY NPDES TIER 2 TSD UIC	0.500 TP TP 0.500 TP		0 NR NR 0 NR	0 NR NR 0 NR	0 NR NR 0 NR	NR NR NR NR NR	NR NR NR NR NR	0 0 0 0
EDR HIGH RISK HISTORIC	AL RECORDS							
EDR Exclusive Records								
EDR MGP EDR Hist Auto EDR Hist Cleaner	1.000 0.125 0.125		0 0 0	0 NR NR	0 NR NR	0 NR NR	NR NR NR	0 0 0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Go				–				_
RGA HWS	TP		NR	NR	NR	NR	NR	0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals		0	0	2	5	3	0	10

### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID MAP FINDINGS

Direction Distance

Elevation Site Database(s) EPA ID Number

1 S HIGHLAND RD LANDFILL SHWS S105200407
North HIGHLAND RD INST CONTROL N/A

HIGHLAND RD INST CONTROL N/A
TRURO, MA 02666 RELEASE

1/8-1/4 0.247 mi. 1302 ft.

Relative: SHWS:

Higher 4-0000897 Facility ID: Source Type: **UNCONTAIN** Actual: **TRURO** Release Town: 94 ft. Notification Date: 07/15/1990 Category: NONE Associated ID: Not reported **Current Status:** RAO

Response Action Outcome: A3

Oil Or Haz Material: Not reported

INST CONTROL:

Status Date:

Phase:

Release Tracking Number: 4-0000897
Action Type: AUL
Action Stat: LEGNOT
Action Date: 05/04/2005

Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not

04/08/2005

Not reported

been reduced to background and an Activity and use Limitation (AUL)

has been implemented.

Release Tracking Number: 4-0000897
Action Type: AUL
Action Stat: RECPT
Action Date: 04/08/2005

Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not

been reduced to background and an Activity and use Limitation (AUL)

has been implemented.

Release Tracking Number: 4-0000897
Action Type: AUL
Action Stat: SNAUDI
Action Date: 10/17/2008

Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not

been reduced to background and an Activity and use Limitation (AUL)

has been implemented.

Release Tracking Number: 4-0000897
Action Type: AUL
Action Stat: TSAUD
Action Date: 08/04/2005

Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not

been reduced to background and an Activity and use Limitation (AUL)

has been implemented.

Release:

Release Tracking Number/Current Status: 4-0000897 / RAO
Primary ID: Not reported
Official City: TRURO
Notification: 07/15/1990
Category: NONE

**EDR ID Number** 

Map ID

Direction

MAP FINDINGS

Direction Distance

Elevation Site Database(s) EPA ID Number

S HIGHLAND RD LANDFILL (Continued)

S105200407

**EDR ID Number** 

Status Date: 04/08/2005 Phase: Not reported

Response Action Outcome: A3 - A permanent solution has been achieved. Contamination has not

been reduced to background and an Activity and use Limitation (AUL)

has been implemented.

Oil / Haz Material Type: Not reported

Click here to access the MA DEP site for this facility:

Actions:

Action Type: Activity and Use Limitation
Action Status: Level II - Audit Inspection

Action Date: 10/17/2008

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background and an Activity and use Limitation (AUL) has

been implemented.

Action Type: An activity type that is related to an Audit

Action Status: NAFNVD Action Date: 10/17/2008

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background and an Activity and use Limitation (AUL) has

been implemented.

Action Type: RLFA
Action Status: FLDRUN
Action Date: 2/26/1997

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background and an Activity and use Limitation (AUL) has

been implemented.

Action Type: Phase 4

Action Status: Written Plan Received

Action Date: 4/4/2003

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background and an Activity and use Limitation (AUL) has

been implemented.

Action Type: Phase 1

Action Status: Completion Statement Received

Action Date: 4/7/2000

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background and an Activity and use Limitation (AUL) has

been implemented.

Action Type: Tier Classification
Action Status: Tier 2 Classification

Action Date: 4/7/2000

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background and an Activity and use Limitation (AUL) has

been implemented.

Action Type: Compliance and Enforcement Action Action Status: Notice of Non-Compliance Issued

Action Date: 4/7/2000

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background and an Activity and use Limitation (AUL) has

Map ID MAP FINDINGS
Direction

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

S HIGHLAND RD LANDFILL (Continued)

S105200407

been implemented.

Action Type: Tier Classification

Action Status: Transmittal, Notice, or Notification Received

Action Date: 4/7/2000

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background and an Activity and use Limitation (AUL) has

been implemented.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)

Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.

Action Date: 4/8/1999

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background and an Activity and use Limitation (AUL) has

been implemented.

Action Type: Phase 2

Action Status: Completion Statement Received

Action Date: 4/8/2002

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background and an Activity and use Limitation (AUL) has

been implemented.

Action Type: Phase 3

Action Status: Completion Statement Received

Action Date: 4/8/2002

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background and an Activity and use Limitation (AUL) has

been implemented.

Action Type: Phase 4

Action Status: Completion Statement Received

Action Date: 4/8/2005

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background and an Activity and use Limitation (AUL) has

been implemented.

Action Type: Phase 4

Action Status: As-Built Construction Report Received

Action Date: 4/8/2005

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background and an Activity and use Limitation (AUL) has

been implemented.

Action Type: Activity and Use Limitation

Action Status: Transmittal, Notice, or Notification Received

Action Date: 4/8/2005

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background and an Activity and use Limitation (AUL) has

been implemented.

Action Type: Response Action Outcome - RAO

Action Status: RAO Statement Received

Action Date: 4/8/2005

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background and an Activity and use Limitation (AUL) has

been implemented.

Map ID MAP FINDINGS

Direction Distance

Elevation Site Database(s) EPA ID Number

S HIGHLAND RD LANDFILL (Continued)

S105200407

**EDR ID Number** 

Action Type: Activity and Use Limitation
Action Status: Legal Notice Published

Action Date: 5/4/2005

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background and an Activity and use Limitation (AUL) has

been implemented.

Action Type: Release Disposition
Action Status: Valid Transition Site

Action Date: 7/15/1990

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background and an Activity and use Limitation (AUL) has

been implemented.

Action Type: Phase 2

Action Status: Scope of Work Received

Action Date: 7/30/2001

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background and an Activity and use Limitation (AUL) has

been implemented.

Action Type: Activity and Use Limitation
Action Status: Level I - Technical Screen Audit

Action Date: 8/4/2005

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background and an Activity and use Limitation (AUL) has

been implemented.

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit

Action Date: 8/8/2005

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background and an Activity and use Limitation (AUL) has

been implemented.

Chemicals:

Chemical: UNKNOWN
Quantity: Not reported
Location Type: LANDFILL
Source: UNCONTAIN

2 SOUTH HIGHLAND ROAD LANDFILL SEMS-ARCHIVE 1003862652 NNE HIGHLAND ROAD MAD985271279

1/4-1/2 TRURO, MA 02666

0.317 mi. 1672 ft.

Relative: SEMS Archive:

 Higher
 Site ID:
 0101514

 Actual:
 EPA ID:
 MAD985271279

 124 ft.
 Cong District:
 10

 FIPS Code:
 25001

 FF:
 N

NPL: Not on the NPL

Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region: 01

Map ID MAP FINDINGS

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

### SOUTH HIGHLAND ROAD LANDFILL (Continued)

1003862652

Site ID: 0101514 EPA ID: MAD985271279

Site Name: SOUTH HIGHLAND ROAD LANDFILL

NPL: Ν FF: Ν OU: 00 Action Code: VS Action Name:

ARCH SITE

SEQ:

Start Date: Not reported 1990-08-09 04:00:00 Finish Date: Not reported Qual: Current Action Lead: EPA Perf In-Hse

Region: 01 Site ID: 0101514 EPA ID: MAD985271279

Site Name: SOUTH HIGHLAND ROAD LANDFILL

NPL: FF: Ν OU: 00 Action Code: ES Action Name: ESI SEQ:

Start Date: Not reported Finish Date: 1990-08-09 04:00:00

Qual: Ν Current Action Lead: **EPA Perf** 

Region: 01 Site ID: 0101514 EPA ID: MAD985271279

Site Name: SOUTH HIGHLAND ROAD LANDFILL

NPL: Ν FF: Ν OU: 00 Action Code: PΑ Action Name: PΑ SEQ:

Start Date: Not reported Finish Date: 1988-09-28 04:00:00

Qual:

**Current Action Lead: EPA Perf** 

Region: 01 Site ID: 0101514 EPA ID: MAD985271279

SOUTH HIGHLAND ROAD LANDFILL Site Name:

NPL: Ν FF: Ν OU: 00 Action Code: SI Action Name: SI SEQ:

Start Date: Not reported Finish Date: 1989-03-31 05:00:00

Qual:

MAP FINDINGS Map ID

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

#### SOUTH HIGHLAND ROAD LANDFILL (Continued)

1003862652

S108962912

N/A

SHWS

**RELEASE** 

Current Action Lead: **EPA Perf** 

01 Region: Site ID: 0101514 EPA ID: MAD985271279

SOUTH HIGHLAND ROAD LANDFILL Site Name:

NPL: FF: Ν OU: 00 Action Code: DS **DISCVRY** Action Name:

SEQ:

Start Date: 1988-08-02 04:00:00 Finish Date: 1988-08-02 04:00:00 Qual: Not reported

Current Action Lead: St Perf

**ROADWAY - VEHICLE ACCIDENT** 

NNW IN FRONT 350 RT 6 1/4-1/2 TRURO, MA 02666

0.365 mi.

1929 ft.

SHWS: Relative:

Higher Facility ID: 4-0020912 Source Type: **VEHICLE** Actual: Release Town: **TRURO** 117 ft. 11/20/2007 Notification Date:

Category: TWO HR Associated ID: Not reported **Current Status:** RAO Status Date: 01/31/2008 Phase: Not reported

Response Action Outcome: A2 Oil Or Haz Material: Oil

Release:

Release Tracking Number/Current Status: 4-0020912 / RAO Primary ID: Not reported Official City: TRURO Notification: 11/20/2007 Category: TWO HR Status Date: 01/31/2008 Phase: Not reported

Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not

been reduced to background.

Oil / Haz Material Type:

Click here to access the MA DEP site for this facility:

Actions:

Action Type: Immediate Response Action

Action Status: Imminent Hazard Evaluation Received

1/31/2008 Action Date:

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Direction Distance

Elevation Site Database(s) EPA ID Number

**ROADWAY - VEHICLE ACCIDENT (Continued)** 

S108962912

**EDR ID Number** 

Action Type: RNFE

Action Status: Transmittal, Notice, or Notification Received

Action Date: 1/31/2008

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: Immediate Response Action
Action Status: Completion Statement Received

Action Date: 1/31/2008

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: Response Action Outcome - RAO Action Status: RAO Statement Received

Action Date: 1/31/2008

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: RLFA
Action Status: FLDDO
Action Date: 11/20/2007

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)

Action Status: FLDISS
Action Date: 11/20/2007

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: Release Disposition

Action Status: Reportable Release under MGL 21E

Action Date: 11/20/2007

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 11/21/2007

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)

Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.

Action Date: 12/10/2007

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action

Action Date: 12/4/2007

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 12/5/2007

MAP FINDINGS Map ID

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

### **ROADWAY - VEHICLE ACCIDENT (Continued)**

S108962912

**RELEASE** 

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

RLFA Action Type: FLDD1U Action Status: 12/5/2007 Action Date:

A permanent solution has been achieved. Contamination has not been Response Action Outcome:

reduced to background.

Action Type: Response Action Outcome - RAO Action Status: Level I - Technical Screen Audit

5/14/2008 Action Date:

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Chemicals:

DIESEL FUEL Chemical: Quantity: 35 gallons **ROADWAY** Location Type: VEHICLE Source:

**NO LOCATION AID** SHWS S102087911 1 PERRY RD **LAST** N/A

South 1/4-1/2 TRURO, MA 02666

0.417 mi. 2203 ft.

4

Relative: SHWS:

Lower 4-0010336 Facility ID: Source Type: **BASEMENT** Actual: Release Town: **TRURO** 72 ft. Notification Date: 03/15/1994 TWO HR Category:

Associated ID: Not reported **Current Status:** RAO Status Date: 03/10/1995 Phase: Not reported

Response Action Outcome: A2 Oil Or Haz Material: Oil

LAST:

Release Tracking Number/Current Status: 4-0010336 / RAO

Source Type: AST Release Town: **TRURO** Notification Date: 03/15/1994 TWO HR Category: Associated ID: Not reported 03/10/1995 Status Date: Phase: Not reported

Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not

been reduced to background.

Oil Or Haz Material: Oil

Chemicals:

Chemical: #2 FUEL OIL Quantity: 200 gallons Location Type: RESIDNTIAL

Direction Distance Elevation

tance EDR ID Number vation Site Database(s) EPA ID Number

NO LOCATION AID (Continued)

S102087911

Source: BASEMENT Source: AST

Actions:

Action Type: An activity type that is related to an Audit

Action Status: NOA
Action Date: 11/17/1995

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: An activity type that is related to an Audit

Action Status: NAFNVD Action Date: 2/20/1996

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: Immediate Response Action
Action Status: Completion Statement Received

Action Date: 3/10/1995

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: Response Action Outcome - RAO Action Status: RAO Statement Received

Action Date: 3/10/1995

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Fee Received - FMCRA Use Only

Action Date: 3/13/1995

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action

Action Date: 3/15/1994

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: Release Disposition

Action Status: Reportable Release under MGL 21E

Action Date: 3/15/1994

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: RLFA
Action Status: FOLFLD
Action Date: 3/15/1994

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 3/16/1994

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

MAP FINDINGS Map ID

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**NO LOCATION AID (Continued)** 

S102087911

Action Type: A Notice sent to a Potentially Responsible Party (PRP)

A MassDEP piece of correspondence was issued (approvals, NORs, etc. Action Status:

Action Date: 3/18/1994

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: **RLFA** Action Status: **FOLOFF** Action Date: 3/22/1994

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: RNF

Action Status: Reportable Release under MGL 21E

Action Date: 4/12/1994

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: Immediate Response Action Action Status: Written Plan Received

4/12/1994 Action Date:

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: Immediate Response Action Action Status: Written Approval of Plan

Action Date: 4/15/1994

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

**RLFA** Action Type: Action Status: **FOLOFF** Action Date: 4/15/1994

A permanent solution has been achieved. Contamination has not been Response Action Outcome:

reduced to background.

RLFA Action Type: Action Status: **FOLFLD** Action Date: 5/25/1994

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: Immediate Response Action Action Status: Oral Approval of Plan or Action

5/25/1994 Action Date:

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: **RLFA FOLOFF** Action Status: Action Date: 5/9/1994

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: Immediate Response Action Action Status: Oral Approval of Plan or Action

Action Date: 5/9/1994

Direction Distance Elevation

evation Site Database(s) EPA ID Number

NO LOCATION AID (Continued) S102087911

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: Immediate Response Action Action Status: Written Plan Received

Action Date: 6/14/1994

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Release:

Release Tracking Number/Current Status: 4-0010336 / RAO
Primary ID: Not reported
Official City: TRURO
Notification: 03/15/1994
Category: TWO HR
Status Date: 03/10/1995
Phase: Not reported

Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not

been reduced to background.

Oil / Haz Material Type: Oil

Click here to access the MA DEP site for this facility:

Actions:

Action Type: An activity type that is related to an Audit

Action Status: NOA
Action Date: 11/17/1995

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: An activity type that is related to an Audit

Action Status: NAFNVD Action Date: 2/20/1996

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: Immediate Response Action
Action Status: Completion Statement Received

Action Date: 3/10/1995

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: Response Action Outcome - RAO Action Status: RAO Statement Received

Action Date: 3/10/1995

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: Response Action Outcome - RAO Action Status: Fee Received - FMCRA Use Only

Action Date: 3/13/1995

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: Immediate Response Action

**EDR ID Number** 

Direction Distance Elevation

tance EDR ID Number vation Site Database(s) EPA ID Number

NO LOCATION AID (Continued)

S102087911

Action Status: Oral Approval of Plan or Action

Action Date: 3/15/1994

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: Release Disposition

Action Status: Reportable Release under MGL 21E

Action Date: 3/15/1994

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: RLFA
Action Status: FOLFLD
Action Date: 3/15/1994

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 3/16/1994

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)

Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.

Action Date: 3/18/1994

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 3/22/1994

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: RNF

Action Status: Reportable Release under MGL 21E

Action Date: 4/12/1994

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: Immediate Response Action Action Status: Written Plan Received

Action Date: 4/12/1994

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: Immediate Response Action Action Status: Written Approval of Plan

Action Date: 4/15/1994

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 4/15/1994

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

Direction Distance

Elevation Site Database(s) EPA ID Number

NO LOCATION AID (Continued)

S102087911

**EDR ID Number** 

reduced to background.

Action Type: RLFA
Action Status: FOLFLD
Action Date: 5/25/1994

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action

Action Date: 5/25/1994

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 5/9/1994

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action

Action Date: 5/9/1994

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: Immediate Response Action Action Status: Written Plan Received

Action Date: 6/14/1994

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Chemicals:

Chemical: #2 FUEL OIL
Quantity: 200 gallons
Location Type: RESIDNTIAL
Source: BASEMENT

Source: AST

5 OFF EASTLE RD LAST \$102088639 SSW 8 HARDING WAY RELEASE N/A

1/4-1/2 TRURO, MA 02666

0.481 mi. 2540 ft.

Relative: LAST:

Lower Release Tracking Number/Current Status: 4-0011881 / RAO

 Actual:
 Source Type:
 AST

 48 ft.
 Release Town:
 TRURO

 Notification Date:
 01/05/1996

 Category:
 TWO HR

Category: TWO HR
Associated ID: Not reported
Status Date: 05/03/1996
Phase: Not reported

Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been

reduced to background or a threat of release has been eliminated.

Oil Or Haz Material: Oil

Direction Distance

Elevation Site Database(s) EPA ID Number

OFF EASTLE RD (Continued)

S102088639

**EDR ID Number** 

Chemicals:

Chemical: #2 FUEL OIL
Quantity: 175 gallons
Location Type: RESIDNTIAL

Source: AST

Actions:

Action Type: RLFA
Action Status: FOLOFF
Action Date: 1/12/1996

Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced

to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)

Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.

Action Date: 1/12/1996

Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced

to background or a threat of release has been eliminated.

Action Type: Release Disposition

Action Status: Reportable Release under MGL 21E

Action Date: 1/5/1996

Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced

to background or a threat of release has been eliminated.

Action Type: RLFA
Action Status: FOLFLD
Action Date: 1/5/1996

Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced

to background or a threat of release has been eliminated.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 1/5/1996

Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced

to background or a threat of release has been eliminated.

Action Type: RNF

Action Status: Reportable Release under MGL 21E

Action Date: 2/26/1996

Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced

to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received

Action Date: 5/3/1996

Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced

to background or a threat of release has been eliminated.

Release:

Release Tracking Number/Current Status: 4-0011881 / RAO
Primary ID: Not reported
Official City: TRURO
Notification: 01/05/1996
Category: TWO HR
Status Date: 05/03/1996

Map ID MAP FINDINGS
Direction

Distance

Elevation Site Database(s) EPA ID Number

OFF EASTLE RD (Continued) S102088639

Phase: Not reported

Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Oil / Haz Material Type: Oi

Click here to access the MA DEP site for this facility:

Actions:

Action Type: RLFA
Action Status: FOLOFF
Action Date: 1/12/1996

Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced

to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)

Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.

Action Date: 1/12/1996

Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced

to background or a threat of release has been eliminated.

Action Type: Release Disposition

Action Status: Reportable Release under MGL 21E

Action Date: 1/5/1996

Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced

to background or a threat of release has been eliminated.

Action Type: RLFA
Action Status: FOLFLD
Action Date: 1/5/1996

Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced

to background or a threat of release has been eliminated.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 1/5/1996

Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced

to background or a threat of release has been eliminated.

Action Type: RNF

Action Status: Reportable Release under MGL 21E

Action Date: 2/26/1996

Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced

to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received

Action Date: 5/3/1996

Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced

to background or a threat of release has been eliminated.

Chemicals:

Chemical: #2 FUEL OIL
Quantity: 175 gallons
Location Type: RESIDNTIAL

Source: AST

**EDR ID Number** 

MAP FINDINGS Map ID

Direction Distance

Elevation Site Database(s) **EPA ID Number** 

**FORMER AIR BASE** SHWS S107678074 NNE 32 OLD DEWLINE RD **LUST** N/A

RAO

Oil

NORTH TRURO, MA 02652 1/2-1

0.609 mi. 3214 ft.

Relative: SHWS:

Higher 4-0019586 Facility ID: Source Type: PIPE Actual: Release Town: **TRURO** 129 ft. Notification Date: 01/26/2006 Category: 72 HR Associated ID: Not reported **Current Status:** 

03/28/2006 Status Date: Phase: Not reported Response Action Outcome: Α2

LUST:

Oil Or Haz Material:

Facility:

Release Tracking Number/Current Status: 4-0019586 / RAO

Status Date: 03/28/2006 Source Type: UST Release Town: **TRURO** Notification Date: 01/26/2006 Category: 72 HR Associated ID: Not reported Phase: Not reported

Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not

been reduced to background.

Oil Or Haz Material:

Location Type: **FEDERAL** Source: PIPE UST Source:

Click here to access the MA DEP site for this facility:

Chemicals:

Chemical: **GASOLINE** Quantity: Not reported

Actions:

Release Disposition Action Type:

Action Status: Reportable Release under MGL 21E

Action Date: 1/26/2006

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: **RLFA** FLDD1A Action Status: Action Date: 1/26/2006

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

**EDR ID Number** 

**RELEASE** 

Direction Distance Elevation

vation Site Database(s) EPA ID Number

FORMER AIR BASE (Continued)

S107678074

**EDR ID Number** 

Action Type: RLFA
Action Status: FLDRAN
Action Date: 1/27/2006

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)

Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.

Action Date: 2/27/2006

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 2/8/2006

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: RNF

Action Status: Reportable Release under MGL 21E

Action Date: 3/28/2006

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: Response Action Outcome - RAO

Action Status: RAO Statement Received

Action Date: 3/28/2006

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit

Action Date: 8/11/2006

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Release:

Release Tracking Number/Current Status: 4-0019586 / RAO
Primary ID: Not reported
Official City: TRURO
Notification: 01/26/2006
Category: 72 HR
Status Date: 03/28/2006
Phase: Not reported

Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not

been reduced to background.

Oil / Haz Material Type: Oil

Click here to access the MA DEP site for this facility:

Actions:

Action Type: Release Disposition

Action Status: Reportable Release under MGL 21E

Action Date: 1/26/2006

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

Direction Distance Elevation

ance EDR ID Number vation Site Database(s) EPA ID Number

FORMER AIR BASE (Continued)

S107678074

reduced to background.

Action Type: RLFA
Action Status: FLDD1A
Action Date: 1/26/2006

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: RLFA
Action Status: FLDRAN
Action Date: 1/27/2006

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)

Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.

Action Date: 2/27/2006

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 2/8/2006

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: RNF

Action Status: Reportable Release under MGL 21E

Action Date: 3/28/2006

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: Response Action Outcome - RAO Action Status: RAO Statement Received

Action Date: 3/28/2006

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit

Action Date: 8/11/2006

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Chemicals:

Chemical: GASOLINE
Quantity: Not reported
Location Type: FEDERAL
Source: PIPE
Source: UST

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

7 NEAR SOMERSET PWR SHWS U002008599
NE TAUNTON RIV RELEASE N/A

NE TAUNTON RIV 1/2-1 SOMERSET, MA

0.640 mi. 3381 ft.

Relative: SHWS:

 Higher
 Facility ID:
 4-0018510

 Actual:
 Source Type:
 Not reported

 138 ft.
 Release Town:
 SOMERSET

 Notification Date:
 06/24/2004

 Category:
 TWO HR

 Associated ID:
 Not reported

Category: TWO HR
Associated ID: Not reported
Current Status: ADQREG
Status Date: 06/24/2004
Phase: Not reported
Response Action Outcome: Not reported

Oil Or Haz Material: Oil

4-0016930 Facility ID: Source Type: UNKNOWN Release Town: SOMERSET Notification Date: 03/09/2002 TWO HR Category: Associated ID: Not reported ADQREG **Current Status:** 03/09/2002 Status Date: Phase: Not reported Response Action Outcome: Not reported

Oil Or Haz Material: Oil

Release:

Release Tracking Number/Current Status: 4-0016930 / ADQREG

Primary ID:
Official City:
SOMERSET
Notification:
O3/09/2002
Category:
TWO HR
Status Date:
O3/09/2002
Phase:
Not reported

Response Action Outcome:

Oil / Haz Material Type: Oil

Click here to access the MA DEP site for this facility:

Actions:

Action Type: RAO Not Required

Action Status: Release Overseen by US Coast Guard

Action Date: 3/9/2002
Response Action Outcome: Not reported

Action Type: Release Disposition

Action Status: Reportable Release under MGL 21E

Action Date: 3/9/2002
Response Action Outcome: Not reported

Chemicals:

Chemical: UNIDENTIFIED PETROLEUM PRODUCT

Quantity: 50 gallons

MAP FINDINGS Map ID

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**NEAR SOMERSET PWR (Continued)** 

U002008599

Location Type: WATERBODY UNKNOWN Source:

Release Tracking Number/Current Status: 4-0018510 / ADQREG

Primary ID: Not reported Official City: SOMERSET Notification: 06/24/2004 TWO HR Category: Status Date: 06/24/2004 Phase: Not reported

Response Action Outcome: Oil / Haz Material Type: Oil

Click here to access the MA DEP site for this facility:

Actions:

Action Type: **RAO Not Required** 

Action Status: Release Overseen by US Coast Guard

Action Date: 6/24/2004 Response Action Outcome: Not reported

Action Type: Release Disposition

Action Status: Reportable Release under MGL 21E

Action Date: 6/24/2004 Response Action Outcome: Not reported

Chemicals:

OIL SHEEN Chemical: Quantity: Not reported WATERBODY Location Type:

8 WTP SO. HOLLOW WELLFIELD North 11 SOUTH HOLLOW RD 1/2-1 TRURO, MA 02666

**RELEASE** N/A

SHWS

S106863510

0.696 mi. 3673 ft.

SHWS: Relative:

Lower Facility ID: 4-0018962 Source Type: Not reported Actual: Release Town: **TRURO** 24 ft. 03/11/2005 Notification Date: TWO HR Category:

Associated ID: Not reported **Current Status:** RAO Status Date: 05/09/2005 Not reported Phase:

Response Action Outcome: A2

Oil Or Haz Material: Hazardous Material

Release:

Release Tracking Number/Current Status: 4-0018962 / RAO Primary ID: Not reported Official City: **TRURO** 03/11/2005 Notification: TWO HR Category:

Map ID MAP FINDINGS
Direction

Distance

Elevation Site Database(s) EPA ID Number

### WTP SO. HOLLOW WELLFIELD (Continued)

S106863510

**EDR ID Number** 

Status Date: 05/09/2005 Phase: Not reported

Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not

been reduced to background.

Oil / Haz Material Type: Hazardous Material

Click here to access the MA DEP site for this facility:

Actions:

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action

Action Date: 3/11/2005

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 3/11/2005

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: Release Disposition

Action Status: Reportable Release under MGL 21E

Action Date: 3/11/2005

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: Compliance and Enforcement Action

Action Status: REFAG
Action Date: 3/16/2005

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: RLFA
Action Status: FLDD1A
Action Date: 3/25/2005

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)

Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.

Action Date: 4/5/2005

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit

Action Date: 5/25/2005

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: RNF

Action Status: Reportable Release under MGL 21E

Action Date: 5/9/2005

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Map ID MAP FINDINGS Direction

Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

### WTP SO. HOLLOW WELLFIELD (Continued)

S106863510

Action Type: Immediate Response Action Action Status: Completion Statement Received

Action Date: 5/9/2005

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Action Type: Action Status: Response Action Outcome - RAO **RAO** Statement Received

Action Date: 5/9/2005

Response Action Outcome: A permanent solution has been achieved. Contamination has not been

reduced to background.

Chemicals:

Chemical: POTASSIUM HYDROXIDE

8 gallons Quantity: Location Type: MUNICIPAL

Zip Database(s)	02652 SHWS, RELEASE 02666 SHWS, RELEASE
Site Address	OLD DEWLINE RD HIGGIN HOLLOW RD
EDR ID Site Name	S108962702 AIR ROUTE SURVEILLANCE RADAR SITE S103812491 NO LOCATION AID
EDR ID	S108962 S103812
City	NORTH TRURO TRURO

ORPHAN SUMMARY

Count: 2 records.

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

### STANDARD ENVIRONMENTAL RECORDS

#### Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/11/2019 Source: EPA
Date Data Arrived at EDR: 04/18/2019 Telephone: N/A

Date Made Active in Reports: 05/14/2019 Last EDR Contact: 04/18/2019

Number of Days to Update: 26 Next Scheduled EDR Contact: 07/15/2019

Data Release Frequency: Quarterly

**NPL Site Boundaries** 

Sources

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1 EPA Region 6

Telephone 617-918-1143 Telephone: 214-655-6659

EPA Region 3 EPA Region 7

Telephone 215-814-5418 Telephone: 913-551-7247

EPA Region 4 EPA Region 8

Telephone 404-562-8033 Telephone: 303-312-6774

EPA Region 5 EPA Region 9

Telephone 312-886-6686 Telephone: 415-947-4246

EPA Region 10

Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Source: EPA

Telephone: N/A

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/14/2019

Date Made Active in Reports: 05/14/2019 Last EDR Contact: 04/18/2019

Number of Days to Update: 26 Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991 Date Data Arrived at EDR: 02/02/1994 Date Made Active in Reports: 03/30/1994

Number of Days to Update: 56

Source: EPA

Telephone: 202-564-4267 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: No Update Planned

#### Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/11/2019 Date Data Arrived at EDR: 04/18/2019 Date Made Active in Reports: 05/14/2019

Number of Days to Update: 26

Source: EPA Telephone: N/A

Last EDR Contact: 04/18/2019

Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Quarterly

#### Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019 Date Data Arrived at EDR: 04/05/2019 Date Made Active in Reports: 05/14/2019

Number of Days to Update: 39

Source: Environmental Protection Agency Telephone: 703-603-8704 Last EDR Contact: 04/05/2019

Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Varies

### SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/11/2019
Date Data Arrived at EDR: 04/18/2019
Date Made Active in Reports: 05/23/2019
Number of Days to Lindate: 35

Number of Days to Update: 35

Source: EPA Telephone: 800-424-9346 Last EDR Contact: 04/18/2019

Next Scheduled EDR Contact: 07/29/2019 Data Release Frequency: Quarterly

#### Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 04/11/2019 Date Data Arrived at EDR: 04/18/2019 Date Made Active in Reports: 05/23/2019

Number of Days to Update: 35

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 04/18/2019

Next Scheduled EDR Contact: 07/29/2019 Data Release Frequency: Quarterly

#### Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/25/2019 Date Data Arrived at EDR: 03/27/2019 Date Made Active in Reports: 04/17/2019

Number of Days to Update: 21

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 03/27/2019

Next Scheduled EDR Contact: 07/08/2019 Data Release Frequency: Quarterly

#### Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/25/2019 Date Data Arrived at EDR: 03/27/2019 Date Made Active in Reports: 04/17/2019

Number of Days to Update: 21

Source: Environmental Protection Agency

Telephone: (888) 372-7341 Last EDR Contact: 03/27/2019

Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

### Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/25/2019 Date Data Arrived at EDR: 03/27/2019 Date Made Active in Reports: 04/17/2019

Number of Days to Update: 21

Source: Environmental Protection Agency

Telephone: (888) 372-7341 Last EDR Contact: 03/27/2019

Next Scheduled EDR Contact: 07/08/2019

Data Release Frequency: Quarterly

#### RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/25/2019 Date Data Arrived at EDR: 03/27/2019 Date Made Active in Reports: 04/17/2019

Number of Days to Update: 21

Source: Environmental Protection Agency

Telephone: (888) 372-7341 Last EDR Contact: 03/27/2019

Next Scheduled EDR Contact: 07/08/2019
Data Release Frequency: Quarterly

#### RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/25/2019 Date Data Arrived at EDR: 03/27/2019 Date Made Active in Reports: 04/17/2019

Number of Days to Update: 21

Source: Environmental Protection Agency

Telephone: (888) 372-7341 Last EDR Contact: 03/27/2019

Next Scheduled EDR Contact: 07/08/2019 Data Release Frequency: Quarterly

#### Federal institutional controls / engineering controls registries

#### LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 02/22/2019 Date Data Arrived at EDR: 03/07/2019 Date Made Active in Reports: 04/17/2019

Number of Days to Update: 41

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 05/10/2019

Next Scheduled EDR Contact: 08/26/2019 Data Release Frequency: Varies

#### US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 01/31/2019 Date Data Arrived at EDR: 02/04/2019 Date Made Active in Reports: 03/08/2019

Number of Days to Update: 32

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 02/04/2019

Next Scheduled EDR Contact: 06/10/2019 Data Release Frequency: Varies

#### US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 01/31/2019 Date Data Arrived at EDR: 02/04/2019 Date Made Active in Reports: 03/08/2019

Number of Days to Update: 32

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 02/04/2019

Next Scheduled EDR Contact: 06/10/2019

Data Release Frequency: Varies

#### Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous

substances.

Date of Government Version: 03/25/2019 Date Data Arrived at EDR: 03/26/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 36

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 03/26/2019

Next Scheduled EDR Contact: 07/08/2019 Data Release Frequency: Quarterly

#### State- and tribal - equivalent CERCLIS

SHWS: Site Transition List

Contains information on releases of oil and hazardous materials that have been reported to DEP.

Date of Government Version: 02/28/2019 Date Data Arrived at EDR: 04/09/2019 Date Made Active in Reports: 05/09/2019

Number of Days to Update: 30

Source: Department of Environmental Protection

Telephone: 617-292-5990 Last EDR Contact: 04/09/2019

Next Scheduled EDR Contact: 07/22/2019 Data Release Frequency: Quarterly

### State and tribal landfill and/or solid waste disposal site lists

LF PROFILES: Landfill Profiles Listing

This spreadsheet describes landfills that have actively accepted waste or have closed under MassDEP Solid Waste Regulations first adopted in 1971 (310 CMR 16.00 and 310 CMR 19.00). The list does not include landfills that closed before 1971 (and which never had a MassDEP permit or approval), or for which agency data is incomplete.

Date of Government Version: 07/01/2015 Date Data Arrived at EDR: 10/27/2015 Date Made Active in Reports: 12/14/2015

Number of Days to Update: 48

Source: Department of Environmental Protection

Telephone: 617-292-5868 Last EDR Contact: 04/05/2019

Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Varies

SWF/LF: Solid Waste Facility Database/Transfer Stations

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/01/2018 Date Data Arrived at EDR: 07/05/2018 Date Made Active in Reports: 08/14/2018

Number of Days to Update: 40

Source: Department of Environmental Protection

Telephone: 617-292-5989 Last EDR Contact: 04/05/2019

Next Scheduled EDR Contact: 07/15/2019
Data Release Frequency: Annually

### State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank Listing

Sites within the Leaking Underground Storage Tank Listing that have a UST listed as its source.

Date of Government Version: 02/28/2019 Date Data Arrived at EDR: 04/09/2019 Date Made Active in Reports: 05/09/2019

Number of Days to Update: 30

Source: Department of Environmental Protection

Telephone: 617-292-5990 Last EDR Contact: 04/09/2019

Next Scheduled EDR Contact: 07/22/2019
Data Release Frequency: Quarterly

LAST: Leaking Aboveground Storage Tank Sites

Sites within the Releases Database that have a AST listed as its source.

Date of Government Version: 02/28/2019 Date Data Arrived at EDR: 04/09/2019 Date Made Active in Reports: 05/09/2019

Number of Days to Update: 30

Source: Department of Environmental Protection

Telephone: 617-292-5500 Last EDR Contact: 04/09/2019

Next Scheduled EDR Contact: 07/22/2019 Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 11/01/2018

Date Data Arrived at EDR: 03/07/2019
Date Made Active in Reports: 05/01/2019

Number of Days to Update: 55

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 04/26/2019

Next Scheduled EDR Contact: 08/05/2019 Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 09/24/2018 Date Data Arrived at EDR: 03/12/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 50

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 04/26/2019

Next Scheduled EDR Contact: 08/05/2019 Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/13/2018 Date Data Arrived at EDR: 03/07/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 55

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 04/26/2019

Next Scheduled EDR Contact: 08/05/2019 Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 02/19/2019 Date Data Arrived at EDR: 03/07/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 55

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 04/26/2019

Next Scheduled EDR Contact: 08/05/2019 Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 10/10/2018 Date Data Arrived at EDR: 03/08/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 54

Source: Environmental Protection Agency

Telephone: 415-972-3372 Last EDR Contact: 04/26/2019

Next Scheduled EDR Contact: 08/05/2019 Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/17/2018 Date Data Arrived at EDR: 03/07/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 55

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 04/26/2019

Next Scheduled EDR Contact: 08/05/2019 Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/16/2018 Date Data Arrived at EDR: 03/07/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 55

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 04/26/2019

Next Scheduled EDR Contact: 08/05/2019 Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/12/2018 Date Data Arrived at EDR: 03/07/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 55

Source: EPA, Region 5 Telephone: 312-886-7439 Last EDR Contact: 04/26/2019

Next Scheduled EDR Contact: 08/05/2019 Data Release Frequency: Varies

#### State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017 Date Data Arrived at EDR: 05/30/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 136

Source: FEMA

Telephone: 202-646-5797 Last EDR Contact: 04/25/2019

Next Scheduled EDR Contact: 07/22/2019 Data Release Frequency: Varies

UST: Summary Listing of all the Tanks Registered in the State of Massachusetts

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 01/08/2019 Date Data Arrived at EDR: 01/17/2019 Date Made Active in Reports: 02/11/2019

Number of Days to Update: 25

Source: Department of Fire Services, Office of the Public Safety

Telephone: 617-556-1035 Last EDR Contact: 04/15/2019

Next Scheduled EDR Contact: 07/29/2019 Data Release Frequency: Quarterly

AST: Aboveground Storage Tank Database Registered Aboveground Storage Tanks.

Date of Government Version: 12/19/2018
Date Data Arrived at EDR: 12/20/2018
Date Made Active in Reports: 02/11/2019

Number of Days to Update: 53

Source: Department of Public Safety

Telephone: 617-556-1035 Last EDR Contact: 04/15/2019

Next Scheduled EDR Contact: 07/29/2019
Data Release Frequency: No Update Planned

AST 2: Aboveground Storage Tanks
Aboveground storage tanks

Date of Government Version: 04/17/2019 Date Data Arrived at EDR: 04/19/2019 Date Made Active in Reports: 05/10/2019

Number of Days to Update: 21

Source: Department of Fire Services Telephone: 978-567-3181 Last EDR Contact: 04/15/2019

Next Scheduled EDR Contact: 07/29/2019 Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/12/2018 Date Data Arrived at EDR: 03/07/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 55

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 04/26/2019

Next Scheduled EDR Contact: 08/05/2019 Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 11/01/2018 Date Data Arrived at EDR: 03/07/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 55

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 04/26/2019

Next Scheduled EDR Contact: 08/05/2019 Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 09/24/2018 Date Data Arrived at EDR: 03/12/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 50

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 04/26/2019

Next Scheduled EDR Contact: 08/05/2019 Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/03/2018 Date Data Arrived at EDR: 03/07/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 55

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 04/26/2019

Next Scheduled EDR Contact: 08/05/2019 Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 11/07/2018 Date Data Arrived at EDR: 03/07/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 55

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 04/26/2019

Next Scheduled EDR Contact: 08/05/2019 Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 10/16/2018 Date Data Arrived at EDR: 03/07/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 55

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 04/26/2019

Next Scheduled EDR Contact: 08/05/2019

Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/10/2018 Date Data Arrived at EDR: 03/08/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 54

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 04/26/2019

Next Scheduled EDR Contact: 08/05/2019 Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 10/17/2018 Date Data Arrived at EDR: 03/07/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 55

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 04/26/2019

Next Scheduled EDR Contact: 08/05/2019 Data Release Frequency: Varies

#### State and tribal institutional control / engineering control registries

INST CONTROL: Sites With Activity and Use Limitation

Activity and Use Limitations establish limits and conditions on the future use of contaminated property, and therefore allow cleanups to be tailored to these uses.

Date of Government Version: 02/28/2019 Date Data Arrived at EDR: 04/09/2019 Date Made Active in Reports: 05/09/2019

Number of Days to Update: 30

Source: Department of Environmental Protection

Telephone: 617-292-5990 Last EDR Contact: 04/09/2019

Next Scheduled EDR Contact: 07/22/2019 Data Release Frequency: Quarterly

#### State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008 Date Data Arrived at EDR: 04/22/2008 Date Made Active in Reports: 05/19/2008

Number of Days to Update: 27

Source: EPA, Region 7 Telephone: 913-551-7365 Last EDR Contact: 04/20/2009

Next Scheduled EDR Contact: 07/20/2009 Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015 Date Data Arrived at EDR: 09/29/2015 Date Made Active in Reports: 02/18/2016

Number of Days to Update: 142

Source: EPA, Region 1 Telephone: 617-918-1102 Last EDR Contact: 03/25/2019

Next Scheduled EDR Contact: 07/08/2019 Data Release Frequency: Varies

### State and tribal Brownfields sites

**BROWNFIELDS 2: Potential Brownfields Listing** 

A listing of potential brownfields site locations in the state.

Date of Government Version: 05/22/2017 Date Data Arrived at EDR: 08/03/2017 Date Made Active in Reports: 09/22/2017

Number of Days to Update: 50

Source: Department of Environmental Protection

Telephone: 617-556-1007 Last EDR Contact: 05/03/2019

Next Scheduled EDR Contact: 08/12/2019

Data Release Frequency: Varies

#### BROWNFIELDS: Completed Brownfields Covenants Listing

Under Massachusetts law, M.G.L. c. 21E is the statute that governs the cleanup of releases of oil and/or hazardous material to the environment. The Brownfields Act of 1998 amended M.G.L. c. 21E by establishing significant liability relief and financial incentives to spur the redevelopment of brownfields, while ensuring that the Commonwealth's environmental standards are met. Most brownfields are redeveloped with the benefit of liability protections that operate automatically under M.G.L. c. 21E.

Date of Government Version: 04/05/2017 Date Data Arrived at EDR: 08/03/2017 Date Made Active in Reports: 10/10/2017

Number of Days to Update: 68

Source: Office of the Attorney General

Telephone: 617-963-2423 Last EDR Contact: 05/03/2019

Next Scheduled EDR Contact: 08/12/2019 Data Release Frequency: Annually

### ADDITIONAL ENVIRONMENTAL RECORDS

#### Local Brownfield lists

#### US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/17/2018 Date Data Arrived at EDR: 12/18/2018 Date Made Active in Reports: 01/11/2019

Number of Days to Update: 24

Source: Environmental Protection Agency Telephone: 202-566-2777

Last EDR Contact: 03/19/2019

Next Scheduled EDR Contact: 07/01/2019 Data Release Frequency: Semi-Annually

### Local Lists of Landfill / Solid Waste Disposal Sites

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998 Date Data Arrived at EDR: 12/03/2007 Date Made Active in Reports: 01/24/2008

Number of Days to Update: 52

Source: Environmental Protection Agency

Telephone: 703-308-8245 Last EDR Contact: 04/26/2019

Next Scheduled EDR Contact: 08/12/2019 Data Release Frequency: Varies

#### DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009 Date Data Arrived at EDR: 05/07/2009 Date Made Active in Reports: 09/21/2009

Number of Days to Update: 137

Source: EPA, Region 9 Telephone: 415-947-4219 Last EDR Contact: 04/22/2019

Next Scheduled EDR Contact: 08/05/2019
Data Release Frequency: No Update Planned

#### ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985 Date Data Arrived at EDR: 08/09/2004 Date Made Active in Reports: 09/17/2004

Number of Days to Update: 39

Source: Environmental Protection Agency

Telephone: 800-424-9346 Last EDR Contact: 06/09/2004 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014 Date Data Arrived at EDR: 08/06/2014 Date Made Active in Reports: 01/29/2015 Number of Days to Update: 176

4 Telephone: 301-443-1452 2015 Last EDR Contact: 04/23/2019

Next Scheduled EDR Contact: 08/12/2019
Data Release Frequency: Varies

#### Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 02/24/2019 Date Data Arrived at EDR: 02/26/2019 Date Made Active in Reports: 04/17/2019

Number of Days to Update: 50

Source: Drug Enforcement Administration

Source: Department of Health & Human Serivces, Indian Health Service

Telephone: 202-307-1000 Last EDR Contact: 05/24/2019

Next Scheduled EDR Contact: 09/09/2019 Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 02/24/2019 Date Data Arrived at EDR: 02/26/2019 Date Made Active in Reports: 04/17/2019

Number of Days to Update: 50

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 05/24/2019

Next Scheduled EDR Contact: 09/09/2019 Data Release Frequency: Quarterly

### Local Land Records

LIENS: Liens Information Listing
A listing of environmental liens.

Date of Government Version: 03/07/2018 Date Data Arrived at EDR: 03/09/2018 Date Made Active in Reports: 06/21/2018

Number of Days to Update: 104

Source: Department of Environmental Protection

Telephone: 617-292-5628 Last EDR Contact: 05/16/2019

Next Scheduled EDR Contact: 09/02/2019 Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 04/11/2019 Date Data Arrived at EDR: 04/18/2019 Date Made Active in Reports: 05/23/2019

Number of Days to Update: 35

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 04/18/2019

Next Scheduled EDR Contact: 08/05/2019 Data Release Frequency: Semi-Annually

#### Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/25/2019 Date Data Arrived at EDR: 03/26/2019 Date Made Active in Reports: 05/14/2019

Number of Days to Update: 49

Source: U.S. Department of Transportation

Telephone: 202-366-4555 Last EDR Contact: 03/26/2019

Next Scheduled EDR Contact: 07/08/2019 Data Release Frequency: Quarterly

RELEASE: Reportable Releases

Contains information on all releases of oil and hazardous materials that have been reported to DEP

Date of Government Version: 02/28/2019 Date Data Arrived at EDR: 04/09/2019 Date Made Active in Reports: 05/09/2019

Number of Days to Update: 30

Source: Department of Environmental Protection

Telephone: 617-292-5990 Last EDR Contact: 04/09/2019

Next Scheduled EDR Contact: 07/22/2019 Data Release Frequency: Quarterly

MA SPILLS: Historical Spill List

The Spills Database was the release notification tracking system for spills that occurred prior to October 1, 1993. This information should be considered to be primarily of historical interest since all of the listed spills have either been cleaned up or assigned new tracking numbers and moved to the Reportable Releases or Sites Transition List databases.

Date of Government Version: 09/30/1993 Date Data Arrived at EDR: 12/03/2003 Date Made Active in Reports: 12/31/2003

Number of Days to Update: 28

Source: Department of Environmental Protection

Telephone: 617-292-5720 Last EDR Contact: 12/03/2003 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 12/11/2012 Date Data Arrived at EDR: 01/03/2013 Date Made Active in Reports: 02/08/2013

Number of Days to Update: 36

Source: FirstSearch Telephone: N/A

Last EDR Contact: 01/03/2013 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 03/10/1998 Date Data Arrived at EDR: 01/03/2013 Date Made Active in Reports: 03/05/2013

Number of Days to Update: 61

Source: FirstSearch Telephone: N/A

Last EDR Contact: 01/03/2013 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

#### Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/25/2019 Date Data Arrived at EDR: 03/27/2019 Date Made Active in Reports: 04/17/2019

Number of Days to Update: 21

Source: Environmental Protection Agency

Telephone: (888) 372-7341 Last EDR Contact: 03/27/2019

Next Scheduled EDR Contact: 07/08/2019 Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 03/07/2019 Date Data Arrived at EDR: 04/03/2019 Date Made Active in Reports: 05/23/2019

Number of Days to Update: 50

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285 Last EDR Contact: 05/21/2019

Next Scheduled EDR Contact: 09/02/2019

Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 11/10/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 62

Source: USGS

Telephone: 888-275-8747 Last EDR Contact: 04/12/2019

Next Scheduled EDR Contact: 07/22/2019 Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 02/06/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 339

Source: U.S. Geological Survey Telephone: 888-275-8747 Last EDR Contact: 04/12/2019

Next Scheduled EDR Contact: 07/22/2019

Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017 Date Data Arrived at EDR: 02/03/2017 Date Made Active in Reports: 04/07/2017

Number of Days to Update: 63

Source: Environmental Protection Agency

Telephone: 615-532-8599 Last EDR Contact: 05/13/2019

Next Scheduled EDR Contact: 08/26/2019 Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/25/2019 Date Data Arrived at EDR: 03/26/2019 Date Made Active in Reports: 05/07/2019

Number of Days to Update: 42

Source: Environmental Protection Agency

Telephone: 202-566-1917 Last EDR Contact: 03/26/2019

Next Scheduled EDR Contact: 07/08/2019 Data Release Frequency: Quarterly

#### EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013 Date Data Arrived at EDR: 03/21/2014 Date Made Active in Reports: 06/17/2014

Number of Days to Update: 88

Source: Environmental Protection Agency

Telephone: 617-520-3000 Last EDR Contact: 05/06/2019

Next Scheduled EDR Contact: 08/19/2019 Data Release Frequency: Quarterly

#### 2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017 Date Data Arrived at EDR: 05/08/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 73

Source: Environmental Protection Agency

Telephone: 703-308-4044 Last EDR Contact: 05/10/2019

Next Scheduled EDR Contact: 08/19/2019 Data Release Frequency: Varies

#### TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018

Number of Days to Update: 198

Source: EPA

Telephone: 202-260-5521 Last EDR Contact: 03/22/2019

Next Scheduled EDR Contact: 07/01/2019 Data Release Frequency: Every 4 Years

#### TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2016 Date Data Arrived at EDR: 01/10/2018 Date Made Active in Reports: 01/12/2018

Number of Days to Update: 2

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 05/24/2019

Next Scheduled EDR Contact: 09/02/2019 Data Release Frequency: Annually

#### SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 12/10/2010 Date Made Active in Reports: 02/25/2011

Number of Days to Update: 77

Source: EPA

Telephone: 202-564-4203 Last EDR Contact: 04/24/2019

Next Scheduled EDR Contact: 08/05/2019 Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/11/2019 Date Data Arrived at EDR: 04/18/2019 Date Made Active in Reports: 05/23/2019

Number of Days to Update: 35

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 04/18/2019

Next Scheduled EDR Contact: 06/17/2019 Data Release Frequency: Annually

#### RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/25/2019 Date Data Arrived at EDR: 05/02/2019 Date Made Active in Reports: 05/23/2019

Number of Days to Update: 21

Source: Environmental Protection Agency

Telephone: 202-564-8600 Last EDR Contact: 04/22/2019

Next Scheduled EDR Contact: 08/05/2019 Data Release Frequency: Varies

### RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995 Date Data Arrived at EDR: 07/03/1995 Date Made Active in Reports: 08/07/1995

Number of Days to Update: 35

Source: EPA

Telephone: 202-564-4104 Last EDR Contact: 06/02/2008

Next Scheduled EDR Contact: 09/01/2008 Data Release Frequency: No Update Planned

### PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/11/2019 Date Data Arrived at EDR: 04/18/2019 Date Made Active in Reports: 05/23/2019

Number of Days to Update: 35

Source: EPA

Telephone: 202-564-6023 Last EDR Contact: 05/10/2019

Next Scheduled EDR Contact: 08/19/2019 Data Release Frequency: Quarterly

#### PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 03/20/2019 Date Data Arrived at EDR: 04/10/2019 Date Made Active in Reports: 05/14/2019

Number of Days to Update: 34

Source: EPA

Telephone: 202-566-0500 Last EDR Contact: 04/10/2019

Next Scheduled EDR Contact: 07/22/2019 Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016 Date Data Arrived at EDR: 11/23/2016 Date Made Active in Reports: 02/10/2017

Number of Days to Update: 79

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 04/08/2019

Next Scheduled EDR Contact: 07/22/2019 Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-566-1667 Last EDR Contact: 08/18/2017

Next Scheduled EDR Contact: 12/04/2017 Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA

Telephone: 202-566-1667 Last EDR Contact: 08/18/2017

Next Scheduled EDR Contact: 12/04/2017 Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016 Date Data Arrived at EDR: 09/08/2016 Date Made Active in Reports: 10/21/2016

Number of Days to Update: 43

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169 Last EDR Contact: 04/22/2019

Next Scheduled EDR Contact: 08/05/2019 Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 08/07/2009 Date Made Active in Reports: 10/22/2009

Number of Days to Update: 76

Source: Department of Energy Telephone: 202-586-8719 Last EDR Contact: 03/07/2019

Next Scheduled EDR Contact: 06/17/2019 Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014 Date Data Arrived at EDR: 09/10/2014 Date Made Active in Reports: 10/20/2014

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: N/A

Last EDR Contact: 03/05/2019

Next Scheduled EDR Contact: 06/17/2019

Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017 Date Data Arrived at EDR: 11/30/2017 Date Made Active in Reports: 12/15/2017

Number of Days to Update: 15

Source: Environmental Protection Agency

Telephone: 202-566-0517 Last EDR Contact: 04/26/2019

Next Scheduled EDR Contact: 08/05/2019 Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S.

Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 04/02/2019 Date Data Arrived at EDR: 04/02/2019 Date Made Active in Reports: 05/14/2019

Number of Days to Update: 42

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 04/02/2019

Next Scheduled EDR Contact: 07/15/2019 Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2007

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2008

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 12/03/2018 Date Data Arrived at EDR: 01/29/2019 Date Made Active in Reports: 03/21/2019

Number of Days to Update: 51

Source: Department of Transporation, Office of Pipeline Safety

Telephone: 202-366-4595 Last EDR Contact: 04/30/2019

Next Scheduled EDR Contact: 08/12/2019 Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 03/31/2019 Date Data Arrived at EDR: 04/23/2019 Date Made Active in Reports: 05/23/2019

Number of Days to Update: 30

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 04/05/2019

Next Scheduled EDR Contact: 07/22/2019 Data Release Frequency: Varies

#### BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017

Number of Days to Update: 218

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 05/24/2019

Next Scheduled EDR Contact: 09/02/2019 Data Release Frequency: Biennially

#### INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017

Number of Days to Update: 546

Source: USGS Telephone: 202-208-3710 Last EDR Contact: 04/11/2019

Next Scheduled EDR Contact: 07/22/2019 Data Release Frequency: Semi-Annually

#### FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017 Date Data Arrived at EDR: 09/11/2018 Date Made Active in Reports: 09/14/2018

Number of Days to Update: 3

Source: Department of Energy Telephone: 202-586-3559 Last EDR Contact: 05/02/2019

Next Scheduled EDR Contact: 08/19/2019 Data Release Frequency: Varies

### UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 06/23/2017 Date Data Arrived at EDR: 10/11/2017 Date Made Active in Reports: 11/03/2017

Number of Days to Update: 23

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 05/24/2019

Next Scheduled EDR Contact: 09/02/2019 Data Release Frequency: Varies

#### LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 04/11/2019 Date Data Arrived at EDR: 04/18/2019 Date Made Active in Reports: 05/14/2019

Number of Days to Update: 26

Source: Environmental Protection Agency

Telephone: 703-603-8787 Last EDR Contact: 04/18/2019

Next Scheduled EDR Contact: 07/15/2019 Data Release Frequency: Varies

### LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001 Date Data Arrived at EDR: 10/27/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 36

Source: American Journal of Public Health

Telephone: 703-305-6451 Last EDR Contact: 12/02/2009 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016 Date Data Arrived at EDR: 10/26/2016 Date Made Active in Reports: 02/03/2017

Number of Days to Update: 100

Source: EPA

Telephone: 202-564-2496 Last EDR Contact: 09/26/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 10/12/2016 Date Data Arrived at EDR: 10/26/2016 Date Made Active in Reports: 02/03/2017

Number of Days to Update: 100

Source: EPA

Telephone: 202-564-2496 Last EDR Contact: 09/26/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/27/2018 Date Data Arrived at EDR: 02/27/2019 Date Made Active in Reports: 04/01/2019

Number of Days to Update: 33

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 02/27/2019

Next Scheduled EDR Contact: 06/10/2019 Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005 Date Data Arrived at EDR: 02/29/2008 Date Made Active in Reports: 04/18/2008

Number of Days to Update: 49

Source: USGS

Telephone: 703-648-7709 Last EDR Contact: 03/01/2019

Next Scheduled EDR Contact: 06/10/2019 Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011 Date Data Arrived at EDR: 06/08/2011 Date Made Active in Reports: 09/13/2011

Number of Days to Update: 97

Source: USGS

Telephone: 703-648-7709 Last EDR Contact: 03/01/2019

Next Scheduled EDR Contact: 06/10/2019 Data Release Frequency: Varies

#### ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/27/2019 Date Data Arrived at EDR: 03/28/2019 Date Made Active in Reports: 05/01/2019

Number of Days to Update: 34

Source: Department of Interior Telephone: 202-208-2609 Last EDR Contact: 03/21/2019

Next Scheduled EDR Contact: 06/24/2019 Data Release Frequency: Quarterly

#### FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/15/2019 Date Data Arrived at EDR: 03/05/2019 Date Made Active in Reports: 03/15/2019

Number of Days to Update: 10

Source: EPA Telephone: (617) 918-1111

Last EDR Contact: 03/05/2019
Next Scheduled EDR Contact: 06/17/2019
Data Release Frequency: Quarterly

#### ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 04/07/2019 Date Data Arrived at EDR: 04/09/2019 Date Made Active in Reports: 05/23/2019

Number of Days to Update: 44

Source: Environmental Protection Agency

Telephone: 202-564-2280 Last EDR Contact: 04/09/2019

Next Scheduled EDR Contact: 07/22/2019 Data Release Frequency: Quarterly

#### DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018 Date Data Arrived at EDR: 07/26/2018 Date Made Active in Reports: 10/05/2018

Number of Days to Update: 71

Source: Environmental Protection Agency

Telephone: 202-564-0527 Last EDR Contact: 05/24/2019

Next Scheduled EDR Contact: 09/09/2019 Data Release Frequency: Varies

#### UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017 Date Data Arrived at EDR: 01/17/2019 Date Made Active in Reports: 04/01/2019

Number of Days to Update: 74

Source: Department of Defense Telephone: 703-704-1564 Last EDR Contact: 04/15/2019

Next Scheduled EDR Contact: 07/29/2019 Data Release Frequency: Varies

#### FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/19/2019 Date Data Arrived at EDR: 02/21/2019 Date Made Active in Reports: 04/01/2019

Number of Days to Update: 39

Source: EPA

Telephone: 800-385-6164 Last EDR Contact: 05/21/2019

Next Scheduled EDR Contact: 09/02/2019 Data Release Frequency: Quarterly

AIRS: Permitted Facilities Listing

A listing of Air Quality permit applications.

Date of Government Version: 04/18/2019 Date Data Arrived at EDR: 04/19/2019 Date Made Active in Reports: 05/10/2019

Number of Days to Update: 21

Source: Department of Environmental Protection

Telephone: 617-292-5789 Last EDR Contact: 04/15/2019

Next Scheduled EDR Contact: 07/29/2019 Data Release Frequency: Varies

ASBESTOS: Asbestos Notification Listing

Asbestos sites

Date of Government Version: 12/19/2018 Date Data Arrived at EDR: 12/20/2018 Date Made Active in Reports: 02/11/2019

Number of Days to Update: 53

Source: Department of Environmental Protection

Telephone: 617-292-5982 Last EDR Contact: 05/09/2019

Next Scheduled EDR Contact: 09/02/2019 Data Release Frequency: Varies

DRYCLEANERS: Regulated Drycleaning Facilities

A listing of Department of Environmental Protection regulated drycleaning facilities that use perchloroethylene under the Environmental Results Program.

Date of Government Version: 12/27/2018 Date Data Arrived at EDR: 01/17/2019 Date Made Active in Reports: 02/11/2019

Number of Days to Update: 25

Source: Department of Environmental Protection

Telephone: 617-292-5633 Last EDR Contact: 04/15/2019

Next Scheduled EDR Contact: 07/29/2019 Data Release Frequency: Varies

**ENFORCEMENT: Enforcement Action Cases** 

A listing of enforcement action cases tracked by Department of Environmental Protection programs, including Solid Waste and Hazardous Waste.

Date of Government Version: 01/28/2019 Date Data Arrived at EDR: 01/29/2019 Date Made Active in Reports: 02/11/2019

Number of Days to Update: 13

Source: Department of Environmental Quality

Telephone: 617-292-5979 Last EDR Contact: 04/26/2019

Next Scheduled EDR Contact: 08/12/2019 Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 12/01/2010 Date Data Arrived at EDR: 12/23/2010 Date Made Active in Reports: 02/03/2011

Number of Days to Update: 42

Source: Department of Environmental Protection

Telephone: 617-292-5970 Last EDR Contact: 03/11/2019

Next Scheduled EDR Contact: 06/24/2019 Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for underground storage tanks. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 07/11/2018 Date Data Arrived at EDR: 07/17/2018 Date Made Active in Reports: 09/05/2018

Number of Days to Update: 50

Source: Office of State Fire Marshal Telephone: 978-567-3100 Last EDR Contact: 05/13/2019

Next Scheduled EDR Contact: 07/29/2019 Data Release Frequency: Varies

#### Financial Assurance 3: Financial Assurance Information listing

Information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay

Date of Government Version: 01/16/2018 Date Data Arrived at EDR: 04/17/2018 Date Made Active in Reports: 06/15/2018

Number of Days to Update: 59

Source: Department of Environmental Protection

Telephone: 617-292-5970 Last EDR Contact: 04/08/2019

Next Scheduled EDR Contact: 07/22/2019 Data Release Frequency: Varies

### GWDP: Ground Water Discharge Permits

The Ground Water Discharge Permits datalayer (formerly known as Groundwater Discharge Points) is a statewide point dataset containing approximate locations of permitted discharges to groundwater.

Date of Government Version: 01/10/2019 Date Data Arrived at EDR: 01/30/2019 Date Made Active in Reports: 02/11/2019

Number of Days to Update: 12

Source: MassGIS Telephone: 617-556-1150 Last EDR Contact: 05/03/2019

Next Scheduled EDR Contact: 08/12/2019 Data Release Frequency: Varies

#### HW GEN: List of Massachusetts Hazardous Waste Generators

Permanent generator identification numbers for all Massachusetts generators of hazardous waste and waste oil that have registered with or notified MassDEP of their hazardous waste activities.

Date of Government Version: 03/21/2019 Date Data Arrived at EDR: 03/27/2019 Date Made Active in Reports: 05/09/2019

Number of Days to Update: 43

Source: Department of Environmental Protection

Telephone: 617-292-5500 Last EDR Contact: 03/27/2019

Next Scheduled EDR Contact: 07/08/2019 Data Release Frequency: Semi-Annually

#### MERCURY: Mercury Product Recyling Drop-Off Locations Listing

A listing of locations, collecting and recycling for mercury-added products. Mercury is toxic to the human nervous system, as well as fish and animals. Mercury can enter the body either through skin absorption or through inhalation of mercury vapors. At room temperature, small beads of mercury will vaporize.

Date of Government Version: 05/07/2018 Date Data Arrived at EDR: 05/25/2018 Date Made Active in Reports: 06/25/2018

Number of Days to Update: 31

Source: Department of Environmental Protection

Telephone: 617-292-5632 Last EDR Contact: 05/16/2019

Next Scheduled EDR Contact: 09/02/2019 Data Release Frequency: Varies

#### NPDES: NPDES Permit Listing

Listing of treatment plants in Massachusetts that hold permits to discharge to groundwater.

Date of Government Version: 11/14/2018 Date Data Arrived at EDR: 11/15/2018 Date Made Active in Reports: 12/17/2018

Number of Days to Update: 32

Source: Department of Environmental Protection

Telephone: 508-767-2781 Last EDR Contact: 05/17/2019

Next Scheduled EDR Contact: 08/26/2019

Data Release Frequency: Varies

#### TIER 2: Tier 2 Information Listing

A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report

Date of Government Version: 12/31/2017 Date Data Arrived at EDR: 05/17/2018 Date Made Active in Reports: 06/29/2018

Number of Days to Update: 43

Source: Massachusetts Emergency Management Agency

Telephone: 508-820-2019 Last EDR Contact: 04/15/2019

Next Scheduled EDR Contact: 07/29/2019 Data Release Frequency: Annually

TSD: TSD Facility

List of Licensed Hazardous Waste Treatment, Storage Disposal Facilities (TSDFs) in Massachusetts.

Date of Government Version: 03/26/2019 Date Data Arrived at EDR: 03/28/2019 Date Made Active in Reports: 05/09/2019

Number of Days to Update: 42

Source: Department of Environmental Protection

Telephone: 617-292-5580 Last EDR Contact: 03/26/2019

Next Scheduled EDR Contact: 07/08/2019 Data Release Frequency: Varies

UIC: Underground Injection Control Listing

A list of UIC registration data and their locations

Date of Government Version: 03/21/2019 Date Data Arrived at EDR: 03/22/2019 Date Made Active in Reports: 05/22/2019

Number of Days to Update: 61

Source: Department of Environmental Protection

Telephone: 617-566-1172 Last EDR Contact: 05/10/2019

Next Scheduled EDR Contact: 08/26/2019

Data Release Frequency: Varies

### **EDR HIGH RISK HISTORICAL RECORDS**

#### **EDR Exclusive Records**

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A Source: EDR, Inc. Date Data Arrived at EDR: N/A Telephone: N/A Date Made Active in Reports: N/A Last EDR Contact: N/A

Number of Days to Update: N/A Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A Source: EDR, Inc. Date Data Arrived at EDR: N/A Telephone: N/A Last EDR Contact: N/A Date Made Active in Reports: N/A

Next Scheduled EDR Contact: N/A Number of Days to Update: N/A Data Release Frequency: Varies

#### **EDR RECOVERED GOVERNMENT ARCHIVES**

#### Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Protection in Massachusetts.

Date of Government Version: N/A Date Data Arrived at EDR: 07/01/2013 Date Made Active in Reports: 12/24/2013

Number of Days to Update: 176

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Protection in Massachusetts.

Date of Government Version: N/A Date Data Arrived at EDR: 07/01/2013 Date Made Active in Reports: 12/24/2013

Number of Days to Update: 176

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

### OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 02/11/2019 Date Data Arrived at EDR: 02/12/2019 Date Made Active in Reports: 03/04/2019

Number of Days to Update: 20

Source: Department of Energy & Environmental Protection

Telephone: 860-424-3375 Last EDR Contact: 05/14/2019

Next Scheduled EDR Contact: 08/26/2019 Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2018 Date Data Arrived at EDR: 04/10/2019 Date Made Active in Reports: 05/16/2019

Number of Days to Update: 36

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 04/10/2019

Next Scheduled EDR Contact: 07/22/2019 Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD

facility.

Date of Government Version: 01/01/2019 Date Data Arrived at EDR: 01/30/2019 Date Made Active in Reports: 02/14/2019

Number of Days to Update: 15

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 05/01/2019

Next Scheduled EDR Contact: 08/12/2019 Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017 Date Data Arrived at EDR: 10/23/2018 Date Made Active in Reports: 11/27/2018

Number of Days to Update: 35

Source: Department of Environmental Protection

Telephone: 717-783-8990 Last EDR Contact: 04/15/2019

Next Scheduled EDR Contact: 07/29/2019 Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2017 Date Data Arrived at EDR: 02/23/2018 Date Made Active in Reports: 04/09/2018

Number of Days to Update: 45

Source: Department of Environmental Management

Telephone: 401-222-2797 Last EDR Contact: 05/17/2019

Next Scheduled EDR Contact: 09/02/2019 Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data Hazardous waste manifest information.

Date of Government Version: 01/16/2019 Date Data Arrived at EDR: 01/17/2019 Date Made Active in Reports: 02/19/2019

Number of Days to Update: 33

Source: Department of Environmental Conservation

Telephone: 802-241-3443 Last EDR Contact: 04/15/2019

Next Scheduled EDR Contact: 07/29/2019 Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017 Date Data Arrived at EDR: 06/15/2018 Date Made Active in Reports: 07/09/2018

Number of Days to Update: 24

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 03/11/2019

Next Scheduled EDR Contact: 06/24/2019 Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

Source: PennWell Corporation

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

#### AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services,

a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

**Public Schools** 

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary

and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: MassDEP Telephone: 617-292-5907

Current USGS 7.5 Minute Topographic Map Source: U.S. Geological Survey

#### STREET AND ADDRESS INFORMATION

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## **GEOCHECK®-PHYSICAL SETTING SOURCE ADDENDUM**

#### **TARGET PROPERTY ADDRESS**

WALSH WAY 15 WALSH WAY TRURO, MA 02666

#### **TARGET PROPERTY COORDINATES**

Latitude (North): 42.015515 - 42° 0' 55.85" Longitude (West): 70.069371 - 70° 4' 9.74"

Universal Tranverse Mercator: Zone 19 UTM X (Meters): 411455.8 UTM Y (Meters): 4651838.5

Elevation: 79 ft. above sea level

#### **USGS TOPOGRAPHIC MAP**

Target Property Map: 5642644 NORTH TRURO, MA

Version Date: 2012

South Map: 5642147 WELLFLEET, MA

Version Date: 2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

- 1. Groundwater flow direction, and
- 2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

### **GROUNDWATER FLOW DIRECTION INFORMATION**

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

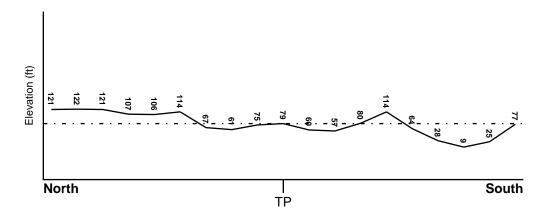
#### **TOPOGRAPHIC INFORMATION**

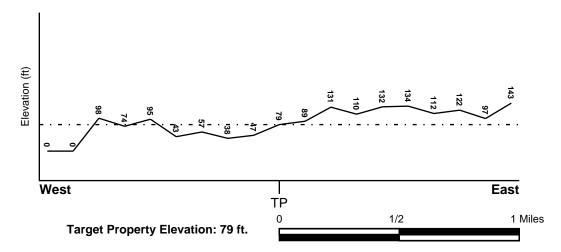
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

#### TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WSW

#### SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

#### **HYDROLOGIC INFORMATION**

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

#### **FEMA FLOOD ZONE**

Flood Plain Panel at Target Property FEMA Source Type

25001C0139J FEMA FIRM Flood data

Additional Panels in search area: FEMA Source Type

25001C0143J FEMA FIRM Flood data

**NATIONAL WETLAND INVENTORY** 

NWI Quad at Target Property Data Coverage

NORTH TRURO YES - refer to the Overview Map and Detail Map

#### HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

#### **AQUIFLOW®**

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

 MAP ID
 FROM TP
 GROUNDWATER FLOW

 Not Reported
 GROUNDWATER FLOW

### **GROUNDWATER FLOW VELOCITY INFORMATION**

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### **ROCK STRATIGRAPHIC UNIT**

## **GEOLOGIC AGE IDENTIFICATION**

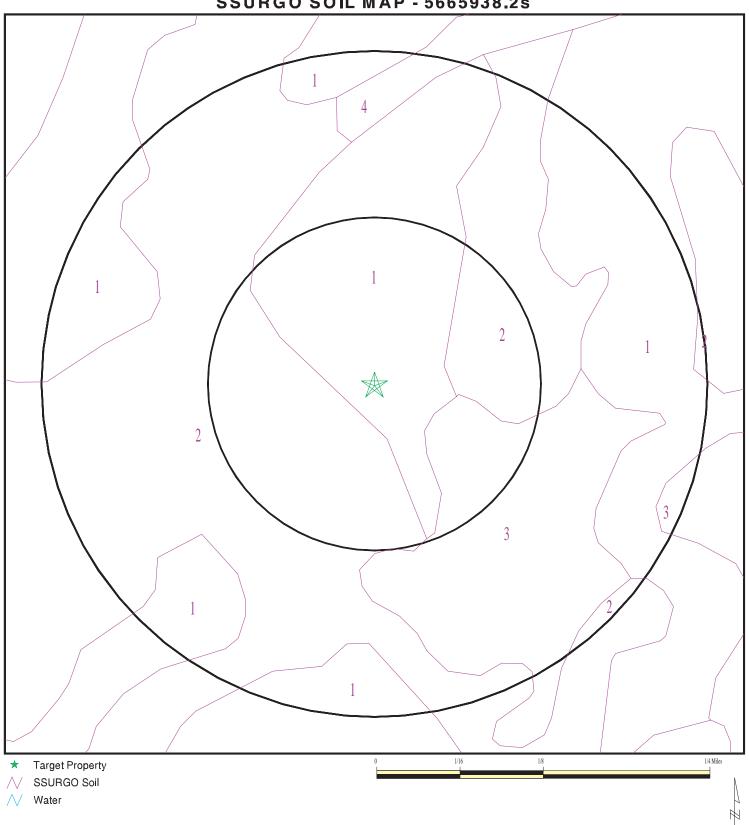
Era: Cenozoic Category: Stratifed Sequence

System: Quaternary Series: Pleistocene

Code: Qp (decoded above as Era, System & Series)

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

# **SSURGO SOIL MAP - 5665938.2s**



SITE NAME: Walsh Way ADDRESS: 15 Walsh Way Truro MA 02666 LAT/LONG: 42.015515 / 70.069371

CLIENT: The BSC Group CONTACT: David Crispin INQUIRY #: 5665938.2s

DATE: May 28, 2019 6:00 pm

### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Carver

Soil Surface Texture: coarse sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to

> 0 inches

excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

Hydric Status: Partially hydric

Depth to Watertable Min:

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

**Soil Layer Information** Saturated **Boundary** Classification hvdraulic conductivity Layer Upper Lower Soil Texture Class **AASHTO Group Unified Soil Soil Reaction** micro m/sec (pH) 1 Not reported Max: 705 Max: 5.5 0 inches 7 inches coarse sand Not reported Min: 3.6 Min: 141.14 Not reported Max: 705 2 7 inches 16 inches coarse sand Not reported Max: 5.5 Min: 141.14 Min: 3.6 3 16 inches 64 inches coarse sand Not reported Not reported Max: 705 Max: 5.5 Min: 141.14 Min: 3.6

Soil Map ID: 2

Soil Component Name: Carver

Soil Surface Texture: coarse sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to

excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

	Soil Layer Information						
	Bou	Boundary Clas		Classif	fication	Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	
1	0 inches	7 inches	coarse sand	Not reported	Not reported	Max: 705 Min: 141.14	Max: 5.5 Min: 3.6
2	7 inches	16 inches	coarse sand	Not reported	Not reported	Max: 705 Min: 141.14	Max: 5.5 Min: 3.6
3	16 inches	64 inches	coarse sand	Not reported	Not reported	Max: 705 Min: 141.14	Max: 5.5 Min: 3.6

## Soil Map ID: 3

Soil Component Name: Carver

Soil Surface Texture: coarse sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to

excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Bou	ındary		Classif	ication	Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity So	Soil Reaction (pH)
1	0 inches	7 inches	coarse sand	Not reported	Not reported	Max: 705 Min: 141.14	Max: 5.5 Min: 3.6
2	7 inches	16 inches	coarse sand	Not reported	Not reported	Max: 705 Min: 141.14	Max: 5.5 Min: 3.6

	Soil Layer Information						
Boundary Classification Saturated hydraulic							
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		Soil Reaction (pH)
3	16 inches	64 inches	coarse sand	Not reported	Not reported	Max: 705 Min: 141.14	Max: 5.5 Min: 3.6

Soil Map ID: 4

Soil Component Name: Carver

Soil Surface Texture: coarse sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to

excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary		Boundary		Classification		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	hydraulic conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	7 inches	coarse sand	Not reported	Not reported	Max: 705 Min: 141.14	Max: 5.5 Min: 3.6
2	7 inches	16 inches	coarse sand	Not reported	Not reported	Max: 705 Min: 141.14	Max: 5.5 Min: 3.6
3	16 inches	64 inches	coarse sand	Not reported	Not reported	Max: 705 Min: 141.14	Max: 5.5 Min: 3.6

## **LOCAL / REGIONAL WATER AGENCY RECORDS**

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

LOCATION

### WELL SEARCH DISTANCE INFORMATION

DATABASE SEARCH DISTANCE (miles)

Federal USGS 1.000

Federal FRDS PWS Nearest PWS within 1 mile

State Database 1.000

#### FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	FROM TP
1	USGS40000463868	1/8 - 1/4 Mile South
A5	USGS40000463918	1/8 - 1/4 Mile WNW
6	USGS40000463975	1/4 - 1/2 Mile North
7	USGS40000463981	1/4 - 1/2 Mile NNE
8	USGS40000463863	1/4 - 1/2 Mile WSW
9	USGS40000463934	1/4 - 1/2 Mile WNW
10	USGS40000463953	1/2 - 1 Mile ENE
11	USGS40000464005	1/2 - 1 Mile NNW
14	USGS40000464022	1/2 - 1 Mile NNE
15	USGS40000463806	1/2 - 1 Mile SW
17	USGS40000463837	1/2 - 1 Mile WSW
18	USGS40000463730	1/2 - 1 Mile South
19	USGS40000463785	1/2 - 1 Mile SE
20	USGS40000463942	1/2 - 1 Mile WNW
D22	USGS40000464026	1/2 - 1 Mile NW
D23	USGS40000464014	1/2 - 1 Mile NW
24	USGS40000463731	1/2 - 1 Mile SSE
25	USGS40000463704	1/2 - 1 Mile South
26	USGS40000463841	1/2 - 1 Mile ESE
D27	USGS40000464032	1/2 - 1 Mile NW
31	USGS40000464082	1/2 - 1 Mile NNW
F32	USGS40000463705	1/2 - 1 Mile SSW
33	USGS40000464067	1/2 - 1 Mile NE
35	USGS40000464083	1/2 - 1 Mile NNW
36	USGS40000463675	1/2 - 1 Mile SSE

#### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID WELL ID FROM TP

No PWS System Found

Note: PWS System location is not always the same as well location.

#### STATE DATABASE WELL INFORMATION

MAP ID WELL ID EROM TP

A2 MA90000000003145 LOCATION FROM TP

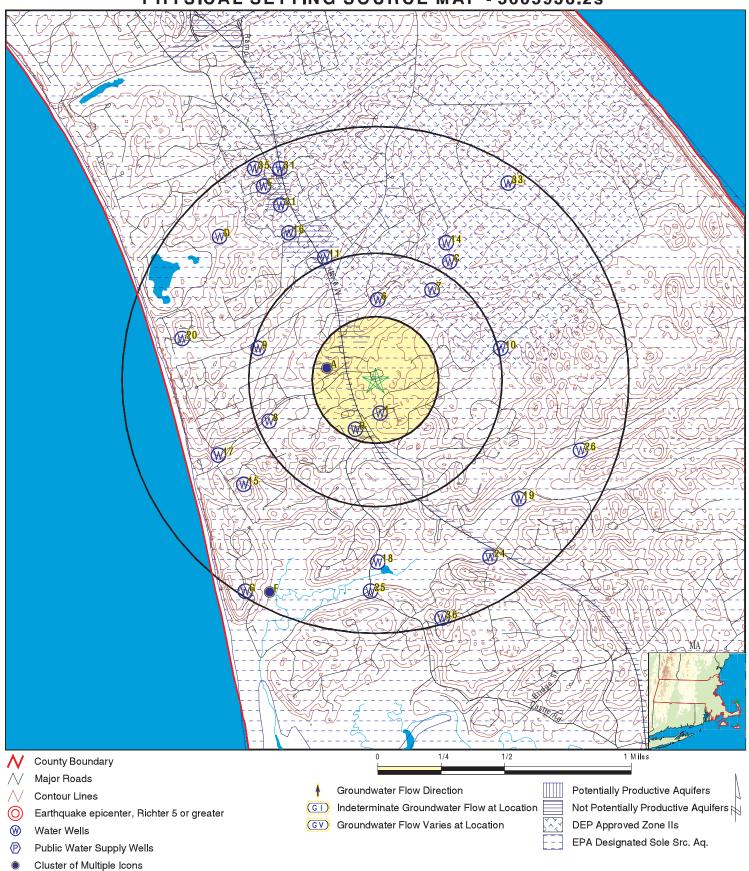
1/8 - 1/4 Mile West

# **GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE SUMMARY**

## STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
B3	MA9000000003627	1/8 - 1/4 Mile SSW
B4	MA900000001955	1/8 - 1/4 Mile SSW
C12	MA900000002567	1/2 - 1 Mile NNE
C13	MA900000002566	1/2 - 1 Mile NNE
16	MA900000001704	1/2 - 1 Mile NNW
21	MA900000000202	1/2 - 1 Mile NNW
E28	MA900000001085	1/2 - 1 Mile NNW
E29	MA900000000884	1/2 - 1 Mile NNW
E30	MA900000002077	1/2 - 1 Mile NNW
F34	MA900000002181	1/2 - 1 Mile SSW
G37	MA900000001896	1/2 - 1 Mile SSW
G38	MA900000003653	1/2 - 1 Mile SSW

## PHYSICAL SETTING SOURCE MAP - 5665938.2s



SITE NAME: Walsh Way
ADDRESS: 15 Walsh Way
Truro MA 02666
LAT/LONG: 42.015515 / 70.069371

CLIENT: The BSC Group CONTACT: David Crispin INQUIRY #: 5665938.2s DATE: May 28, 2019 6:00 pm

Map ID Direction Distance

Elevation Database EDR ID Number

South 1/8 - 1/4 Mile

FED USGS USGS40000463868

MA900000003145

MA900000003627

**MA WELLS** 

Lower

Organization ID: USGS-MA

Organization Name: **USGS Massachusetts Water Science Center** Monitor Location: MA-TSW 289 Well Type: CCC OBS WELL A7 01090002 Description: HUC: Drainage Area: Not Reported Drainage Area Units: Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported

Aquifer: Sand and gravel aquifers (glaciated regions)

Formation Type: Stratified Deposits, Undifferentiated

Aquifer Type: Unconfined single aquifer Construction Date: 20020401 Well Depth: 63 Well Depth Units: ft

Well Hole Depth: 63 Well Hole Depth Units: ft

A2 West 1/8 - 1/4 Mile Lower

er

PWS ID: 4300019 Site Name: WHITMAN HOUSE RESTAURANT Type: Transient Non-Community Facility Name: Not Reported

SubBasin: CAPE COD

Basemap:NAAccuracy Estimate (ft):100Feature Type:GWLocation Method:GP\_6Primary Location Source:SVSecondary Location Source:Not Reported

Tertiary Location Source: Not Reported

Source ID: 4300019-01G PWS Name: WHITMAN HOUSE RESTAURANT

Source Name: WELL 1 PWS Status: A
Source Status: A PWS Class: NC

Source Availability: ACTIVE

Do.

SSW 1/8 - 1/4 Mile Lower

PWS ID: 4300026 Site Name: TRURO MOTOR INN

Type: Transient Non-Community Facility Name: Not Reported

SubBasin: CAPE COD

Basemap:NAAccuracy Estimate (ft):100Feature Type:GWLocation Method:GP\_6Primary Location Source:SVSecondary Location Source:Not Reported

Tertiary Location Source: Not Reported

Source ID: 4300026-01G PWS Name: TRURO MOTOR INN

Source Name: WELL #1 PWS Status: A

**MA WELLS** 

Source Status: A PWS Class: NC Source Availability: ACTIVE

SSW MA WELLS MA900000001955

1/8 - 1/4 Mile Lower

PWS ID: 4300026 Site Name: TRURO MOTOR INN

Type: Transient Non-Community Facility Name: Not Reported

SubBasin: CAPE COD

Basemap:NAAccuracy Estimate (ft):16Feature Type:GWLocation Method:GP\_2Primary Location Source:SVSecondary Location Source:Not Reported

Tertiary Location Source: Not Reported

Source ID: 4300026-02G PWS Name: TRURO MOTOR INN

Source Name: WELL #2 PWS Status: A
Source Status: A
PWS Class: NC

Source Availability: ACTIVE

A5 WNW FED USGS USGS40000463918

1/8 - 1/4 Mile Lower

Organization ID: USGS-MA

Organization Name: USGS Massachusetts Water Science Center Monitor Location: **MA-TSW 163** Type: Well HUC: 01090002 Description: Not Reported Drainage Area: Not Reported Drainage Area Units: Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported

Aquifer: Sand and gravel aquifers (glaciated regions)

Formation Type: Not Reported Aquifer Type: Not Reported

Construction Date: 19720519 Well Depth: 19.7

Well Depth Units: ft Well Hole Depth: Not Reported

Well Hole Depth Units: Not Reported

Ground water levels, Number of Measurements: 23 Level reading date: 1975-05-21 Feet below surface: 16.29 Feet to sea level: Not Reported

Note: Not Reported

Level reading date: 1974-09-04 Feet below surface: 16.53

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1974-08-14 Feet below surface: 16.53

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1974-07-10 Feet below surface: 16.22

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1974-05-15 Feet below surface: 15.86

Feet to sea level: Not Reported Note: Not Reported

Level reading date:	1974-04-07	Feet below surface:	15.83
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-03-13	Feet below surface:	15.74
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-02-19	Feet below surface:	15.66
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-01-28	Feet below surface:	15.77
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-01-02	Feet below surface:	15.91
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-11-20	Feet below surface:	16.33
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-10-17	Feet below surface:	16.28
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-09-12	Feet below surface:	16.14
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-08-14	Feet below surface:	16.15
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-07-17	Feet below surface:	15.87
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-06-13	Feet below surface:	15.67
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-05-15	Feet below surface:	15.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-04-13	Feet below surface:	15.23
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-03-14	Feet below surface:	15.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-02-08	Feet below surface:	15.42
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-11-10	Feet below surface:	16.05
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-06-05	Feet below surface:	15.76
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1972-05-19	Feet below surface:	15.96
Feet to sea level:	Not Reported	Note:	Not Reported

6 North 1/4 - 1/2 Mile Lower

FED USGS USGS40000463975

Organization ID: USGS-MA

Organization Name: USGS Massachusetts Water Science Center

MA-TSW 45 Well Monitor Location: Type: Description: Not Reported HUC: 01090002 Drainage Area: Not Reported **Drainage Area Units:** Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported

Aquifer: Sand and gravel aquifers (glaciated regions)

Formation Type: Stratified Deposits, Undifferentiated

Aquifer Type:Unconfined single aquiferConstruction Date:195002Well Depth:120Well Depth Units:ftWell Hole Depth:120Well Hole Depth Units:ft

Ground water levels, Number of Measurements: 1 Level reading date: 1950-02-01 Feet below surface: 65.50 Feet to sea level: Not Reported

Note: Not Reported

7 NNE FED USGS USGS40000463981

1/4 - 1/2 Mile Higher

Organization ID: USGS-MA

Organization Name: USGS Massachusetts Water Science Center

Monitor Location: MA-TSW 74 Type: Well Description: Not Reported HUC: 01090002 Drainage Area: Not Reported Drainage Area Units: Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported

Aquifer: Sand and gravel aquifers (glaciated regions)

Formation Type: Stratified Deposits, Undifferentiated

Aquifer Type:Unconfined single aquiferConstruction Date:19510316Well Depth:158Well Depth Units:ftWell Hole Depth:160Well Hole Depth Units:ft

Ground water levels, Number of Measurements: 4 Level reading date: 1973-05-14 Feet below surface: 102.43 Feet to sea level: Not Reported

Note: Not Reported

Level reading date: 1972-11-10 Feet below surface: 101.86

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1972-06-05 Feet below surface: 102.03

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1951-03-16 Feet below surface: 101.00
Feet to sea level: Not Reported Note: Not Reported

WSW FED USGS 1/4 - 1/2 Mile

Organization ID: USGS-MA

Organization Name: USGS Massachusetts Water Science Center MA-TSW 162 Well Monitor Location: Type: HUC: 01090002 Description: Not Reported Drainage Area Units: Drainage Area: Not Reported Not Reported Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts:

Aquifer: Sand and gravel aquifers (glaciated regions)

Formation Type: Not Reported Aquifer Type: Not Reported

Construction Date: 19720519 Well Depth: 20.1

USGS40000463863

Well Depth Units: ft 20.1 Well Hole Depth: Well Hole Depth Units: 1977-04-11 Ground water levels, Number of Measurements: 48 Level reading date: Feet below surface: Feet to sea level: Not Reported 12.37 Note: Not Reported Level reading date: 1977-03-01 Feet below surface: 12.20 Feet to sea level: Not Reported Not Reported Note: Level reading date: 1976-12-06 Feet below surface: 12.71 Feet to sea level: Not Reported Note: Not Reported Feet below surface: 12.67 Level reading date: 1976-10-29 Feet to sea level: Not Reported Note: Not Reported Feet below surface: 12.70 Level reading date: 1976-10-04 Feet to sea level: Not Reported Note: Not Reported Level reading date: 1976-08-31 Feet below surface: 12.63 Feet to sea level: Not Reported Note: Not Reported Feet below surface: Level reading date: 1976-08-03 12.50 Feet to sea level: Not Reported Note: Not Reported Level reading date: 1976-07-02 Feet below surface: 12.37 Feet to sea level: Not Reported Note: Not Reported Level reading date: 1976-05-24 Feet below surface: 11.20 Feet to sea level: Not Reported Not Reported Note: Feet below surface: Level reading date: 1976-04-28 11.99 Feet to sea level: Not Reported Note: Not Reported Level reading date: 1976-04-05 Feet below surface: Feet to sea level: Not Reported Note: Not Reported Level reading date: 1976-03-01 Feet below surface: 12.07 Feet to sea level: Not Reported Note: Not Reported Level reading date: 1976-01-29 Feet below surface: 12.15 Feet to sea level: Not Reported Note: Not Reported Level reading date: 1975-11-26 Feet below surface: 12.37 Feet to sea level: Not Reported Note: Not Reported Feet below surface: 1975-10-22 12.48 Level reading date: Feet to sea level: Note: Not Reported Not Reported Feet below surface: Level reading date: 1975-09-29 12.60 Feet to sea level: Not Reported Note: Not Reported Level reading date: 1975-08-19 Feet below surface: 12.49 Feet to sea level: Not Reported Note: Not Reported Feet below surface: Level reading date: 1975-07-22 12.44 Feet to sea level: Note: Not Reported Not Reported Level reading date: 1975-06-25 Feet below surface: 12.24 Feet to sea level: Not Reported Note: Not Reported

Level reading date:	1975-05-19	Feet below surface:	12.16
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-04-24	Feet below surface:	12.01
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-03-24	Feet below surface:	12.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-02-19	Feet below surface:	12.18
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-01-17	Feet below surface:	12.42
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-12-17	Feet below surface:	12.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-11-23	Feet below surface:	12.54
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-10-22	Feet below surface:	12.61
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-09-16	Feet below surface:	12.59
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-08-14	Feet below surface:	12.51
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-07-10	Feet below surface:	12.19
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-05-15	Feet below surface:	11.97
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-04-07	Feet below surface:	11.94
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-03-13	Feet below surface:	11.84
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-02-19	Feet below surface:	11.68
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-01-28	Feet below surface:	11.61
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-01-02	Feet below surface:	11.74
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-11-20	Feet below surface:	12.16
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-10-17	Feet below surface:	12.18
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-09-12	Feet below surface:	12.11
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-08-14	Feet below surface:	12.15
Feet to sea level:	Not Reported	Note:	Not Reported

1973-07-17 Level reading date: Feet below surface: 11.95 Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1973-06-13 Feet below surface: 12.60

Feet to sea level: Not Reported Not Reported Note:

Level reading date: 1973-05-15 Feet below surface: 11.57

Feet to sea level: Not Reported Note: Not Reported

1973-04-13 Level reading date: Feet below surface: 11.27

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1973-03-14 Feet below surface: 11.82

Feet to sea level: Not Reported Note:

Level reading date: 1972-11-10 Feet below surface: 11.87

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1972-06-05 Feet below surface: 11.87

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1972-05-31 Feet below surface: 11.92

Feet to sea level: Not Reported Note: Not Reported

**FED USGS** USGS40000463934 WNW 1/4 - 1/2 Mile Higher

Organization ID: USGS-MA

USGS Massachusetts Water Science Center Organization Name: Monitor Location: Well MA-TSW 160 Type: 01090002 Description: Not Reported HUC: Drainage Area: Not Reported **Drainage Area Units:** Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported

Sand and gravel aquifers (glaciated regions) Aquifer:

Formation Type: Not Reported Aquifer Type: Not Reported 197205 104

Construction Date: Well Depth:

Well Depth Units: Well Hole Depth: Not Reported

Well Hole Depth Units: Not Reported

1972-05-15 Ground water levels, Number of Measurements: 1 Level reading date: Feet below surface: Feet to sea level: Not Reported

Note: Not Reported

**FED USGS** USGS40000463953 1/2 - 1 Mile

Higher

Organization ID: **USGS-MA** 

Organization Name: USGS Massachusetts Water Science Center Well Monitor Location: MA-TSW 258-0135 Type: HUC: QUAIL RUN/JEEP TRAIL SITE 01090002 Description: Drainage Area Units: Drainage Area: Not Reported Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported

Aquifer: Sand and gravel aquifers (glaciated regions)

Aquifer Type: Unconfined single aquifer Formation Type: Outwash

Construction Date: 19990908 Well Depth: 135.45

Not Reported

Well Hole Depth:

138

Ground water levels, Number of Measurements: 13 Level reading date: 2000-12-19 Feet below surface: 123.51 Feet to sea level: Not Reported Note: Not Reported Level reading date: 2000-11-29 Feet below surface: 123.39 Feet to sea level: Not Reported Note: Not Reported Level reading date: 2000-09-25 Feet below surface: 123.18 Feet to sea level: Not Reported Note: Not Reported Feet below surface: Level reading date: 2000-08-30 122.94 Feet to sea level: Not Reported Note: Not Reported 2000-07-31 Feet below surface: 122.73

Level reading date:2000-07-31Feet below surface:122.73Feet to sea level:Not ReportedNote:Not Reported

Level reading date: 2000-06-28 Feet below surface: 122.43
Feet to sea level: Not Reported Note: Not Reported

Level reading date: 2000-05-26 Feet below surface: 122.43

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 2000-04-26 Feet below surface: 122.71

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 2000-01-24 Feet below surface: 123.90

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1999-12-22 Feet below surface: 123.89
Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1999-11-23 Feet below surface: 123.89
Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1999-10-21 Feet below surface: 123.89

Level reading date: 1999-10-21 Feet below surface: 123.89
Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1999-09-23 Feet below surface: 123.81

Feet to sea level: Not Reported Note: Not Reported

11 NNW FED USGS USGS40000464005 1/2 - 1 Mile

Organization ID: USGS-MA

Higher

Well Depth Units:

Well Hole Depth Units:

ft

Organization Name: **USGS Massachusetts Water Science Center** Monitor Location: MA-TSW 288 Type: Well CCC OBS WELL P2 HUC: 01090002 Description: Drainage Area: Not Reported Drainage Area Units: Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported

Aquifer: Sand and gravel aquifers (glaciated regions)

Formation Type: Stratified Deposits, Undifferentiated

Aquifer Type:Unconfined single aquiferConstruction Date:20011212Well Depth:129.5Well Depth Units:ftWell Hole Depth:129.5Well Hole Depth Units:ft

Map ID Direction Distance

Elevation Database EDR ID Number

C12 NNE

MA WELLS MA900000002567

1/2 - 1 Mile Higher

PWS ID: 4242000 Site Name: NORTH UNION FIELD WELL NO. 2

Type: Community Groundwater Well

Facility Name: Not Reported SubBasin: CAPE COD

Basemap:DOQAccuracy Estimate (ft):100Feature Type:WFLocation Method:MAPPrimary Location Source:MS\_OTHSecondary Location Source:MS\_LMTQ

Tertiary Location Source: Not Reported

Source ID: 4242000-07G PWS Name: PROVINCETOWN WATER DEPARTMENT

Source Name: NORTH UNION FIELD WELL NO. 2

PWS Status: A Source Status: A
PWS Class: COM Source Availability: ACTIVE

Well Name: NORTH UNION FIELD WELL NO. 2
Purveyor: PROVINCETOWN WATER DEPARTMENT
Basin: BLACKSTONE Region: 4

1/2 - 1 Mile Higher

PWS ID: 4242000 Site Name: NORTH UNION FIELD WELL NO. 1

Type: Community Groundwater Well

Facility Name: Not Reported SubBasin: CAPE COD

Basemap:DOQAccuracy Estimate (ft):100Feature Type:WFLocation Method:MAPPrimary Location Source:MS\_OTHSecondary Location Source:MS\_LMTQ

Tertiary Location Source: Not Reported

Source ID: 4242000-06G PWS Name: PROVINCETOWN WATER DEPARTMENT

Source Name: NORTH UNION FIELD WELL NO. 1

PWS Status: A Source Status: A
PWS Class: COM Source Availability: ACTIVE

Well Name: NORTH UNION FIELD WELL NO. 1

Purveyor: PROVINCETOWN WATER DEPARTMENT

Basin: UNK Region: 4

Map ID Direction Distance

EDR ID Number Elevation Database

NNE 1/2 - 1 Mile **FED USGS** USGS40000464022

USGS40000463806

**FED USGS** 

Higher

Organization ID: **USGS-MA** 

Organization Name: **USGS Massachusetts Water Science Center** Monitor Location: MA-TSW 285 Well Type: Description: CCC OBS WELL P3 HUC: 01090002 Drainage Area: Not Reported **Drainage Area Units:** Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported

Aquifer: Sand and gravel aquifers (glaciated regions)

Formation Type: Stratified Deposits, Undifferentiated

Aquifer Type: Unconfined single aquifer Construction Date: 20020110

Well Depth: 162 Well Depth Units: Well Hole Depth: 170 Well Hole Depth Units: ft

SW 1/2 - 1 Mile Lower

Note:

**USGS-MA** Organization ID:

USGS Massachusetts Water Science Center Organization Name: Monitor Location: MA-TSW 164 Type: Well Description: Not Reported HUC: 01090002 Drainage Area: Not Reported Not Reported Drainage Area Units: Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported

Sand and gravel aquifers (glaciated regions) Aquifer:

Formation Type: Not Reported Aquifer Type: Not Reported

Construction Date: 19730515 Well Depth: 13.1

Well Depth Units: Well Hole Depth: Not Reported

Well Hole Depth Units: Not Reported

Ground water levels, Number of Measurements: 17 Level reading date: 1975-05-21

Feet below surface: 3.26 Feet to sea level: Not Reported

Not Reported

Level reading date: 1974-09-04 Feet below surface: 3.62

Feet to sea level: Not Reported Not Reported Note:

Level reading date: 1974-08-14 Feet below surface: 3.62

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1974-07-10 Feet below surface: 3.31

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1974-05-15 Feet below surface: 3.08

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1974-04-07 Feet below surface: 3.04

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1974-03-13 Feet below surface: 2.82

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1974-02-19 Feet below surface: 2.72

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1974-01-28 Feet below surface: 2.83

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1974-01-02 Feet below surface: 2.88

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1973-11-20 Feet below surface: 3.17

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1973-10-17 Feet below surface: 3.20

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1973-09-12 Feet below surface: 2.99

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1973-08-14 Feet below surface: 3.27

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1973-07-22 Feet below surface: 3.08

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1973-06-12 Feet below surface: 2.95

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1973-05-15 Feet below surface: 2.68

Feet to sea level: Not Reported Note: Not Reported

16 NNW MA WELLS MA90000001704

1/2 - 1 Mile Higher

PWS ID: 4300020 Site Name: PILGRIM SPRING MOTEL

Type: Transient Non-Community Facility Name: Not Reported

SubBasin: CAPE COD

Basemap:NAAccuracy Estimate (ft):100Feature Type:GWLocation Method:GP\_6Primary Location Source:SVSecondary Location Source:Not Reported

Tertiary Location Source: Not Reported

Source ID: 4300020-01G PWS Name: PILGRIM SPRING MOTEL

Source Name: WELL # 1 PWS Status: I
Source Status: I PWS Class: NC

17
WSW
FED USGS USGS40000463837
1/2 - 1 Mile

Lower

Source Availability:

Organization ID: USGS-MA
Organization Name: USGS Massachusetts Water Science Center

**INACT** 

Monitor Location:MA-TSW 161Type:WellDescription:Not ReportedHUC:01090002

Drainage Area: Not Reported **Drainage Area Units:** Not Reported Contrib Drainage Area Unts: Contrib Drainage Area: Not Reported Not Reported

Aquifer: Sand and gravel aquifers (glaciated regions)

Formation Type: Not Reported Aquifer Type: Not Reported

Construction Date: 19720519 Well Depth: 9.5

Well Depth Units: Well Hole Depth: Not Reported ft

Well Hole Depth Units: Not Reported

Ground water levels, Number of Measurements: 1973-02-08 4 Level reading date: Not Reported

Feet below surface: Feet to sea level:

Note: Not Reported

Level reading date: 1972-11-10 Feet below surface: 6.39

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1972-06-05 Feet below surface:

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1972-05-19 Feet below surface: 6.71

Feet to sea level: Not Reported Note: Not Reported

18 **FED USGS** South USGS40000463730 1/2 - 1 Mile

Lower

Organization ID: USGS-MA

Organization Name: USGS Massachusetts Water Science Center Monitor Location: MA-TSW 168 Well Type: Description: Not Reported HUC: 01090002 Drainage Area: Not Reported Drainage Area Units: Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported

Aquifer: Sand and gravel aquifers (glaciated regions)

Formation Type: Not Reported Aquifer Type: Not Reported

Construction Date: 19730501 Well Depth: 9.4 Well Depth Units: ft Well Hole Depth: 9.4

Well Hole Depth Units: ft

Ground water levels, Number of Measurements: Level reading date: 1977-04-11 45

Feet to sea level: Feet below surface: Not Reported 6.30

Note: Not Reported

Level reading date: 1977-03-01 Feet below surface: 6.59

Feet to sea level: Not Reported Not Reported Note:

Level reading date: 1976-12-06 Feet below surface: 7.01

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1976-10-29 Feet below surface: 6.78

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1976-10-04 Feet below surface:

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1976-08-31 Feet below surface: 6.75

Not Reported Feet to sea level: Note: Not Reported

Level reading date: 1976-08-03 Feet below surface: 6.09

Feet to sea level: Not Reported Note: Not Reported

Level reading date:	1976-07-02	Feet below surface:	6.58
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-05-24	Feet below surface:	6.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-04-28	Feet below surface:	6.11
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-04-05	Feet below surface:	5.99
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-03-01	Feet below surface:	5.87
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-01-29	Feet below surface:	5.86
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-12-29	Feet below surface:	6.23
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-11-26	Feet below surface:	6.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-10-22	Feet below surface:	6.52
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-09-29	Feet below surface:	6.69
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-08-19	Feet below surface:	6.61
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-07-22	Feet below surface:	6.62
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-06-25	Feet below surface:	6.48
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-05-19	Feet below surface:	6.41
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-04-24	Feet below surface:	6.26
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-03-24	Feet below surface:	6.31
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-02-19	Feet below surface:	6.43
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-01-17	Feet below surface:	6.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-12-17	Feet below surface:	6.71
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-11-23	Feet below surface:	5.85
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-10-22	Feet below surface:	6.81
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1974-09-16	Feet below surface:	6.74
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-08-14	Feet below surface:	6.69
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-07-10	Feet below surface:	6.44
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-05-15	Feet below surface:	6.19
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-04-07	Feet below surface:	6.15
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-03-13	Feet below surface:	5.91
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-02-19	Feet below surface:	5.91
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-01-28	Feet below surface:	6.04
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-01-02	Feet below surface:	6.17
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-11-21	Feet below surface:	6.44
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-10-17	Feet below surface:	6.41
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-09-13	Feet below surface:	6.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-08-21	Feet below surface:	6.35
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-07-23	Feet below surface:	6.24
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-06-12	Feet below surface:	6.04
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-05-14	Feet below surface:	5.86
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-05-01	Feet below surface:	5.72
Feet to sea level:	Not Reported	Note:	Not Reported

19 SE 1/2 - 1 Mile Lower **FED USGS** USGS40000463785

Organization ID: USGS-MA

Organization Name: USGS Massachusetts Water Science Center Monitor Location: MA-TSW 170 Type: Well Not Reported HÜC: 01090002 Description: Drainage Area: Not Reported Drainage Area Units: Not Reported

Contrib Drainage Area: Contrib Drainage Area Unts: Not Reported Not Reported

Sand and gravel aquifers (glaciated regions) Aquifer:

Formation Type: Not Reported Aquifer Type: Not Reported

Construction Date: 19730406 Well Depth: 15.5 Well Depth Units: ft Well Hole Depth: 15.5

Well Hole Depth Units: ft

45 1977-04-11 Ground water levels, Number of Measurements: Level reading date:

Feet below surface: Feet to sea level: Not Reported

Note: Not Reported

Level reading date: 1977-03-01 Feet below surface: 6.75

Feet to sea level: Not Reported Not Reported Note:

Level reading date: 1976-12-06 Feet below surface: 6.54

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1976-10-29 Feet below surface: 6.28

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1976-10-04 Feet below surface: 6.29

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1976-08-31 Feet below surface: 6.08

Feet to sea level: Not Reported Note: Not Reported

1976-08-03 Level reading date: Feet below surface: 5.86

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1976-07-02 Feet below surface: 5.51

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1976-05-24 Feet below surface: 4.82

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1976-04-28 Feet below surface: 4.85

Feet to sea level: Note: Not Reported Not Reported

Level reading date: 1976-04-05 Feet below surface: 4.70

Feet to sea level: Not Reported Note: Not Reported

1976-03-01 Feet below surface: Level reading date: 2.91

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1976-01-29 Feet below surface:

Feet to sea level: Not Reported Not Reported Note:

Level reading date: 1975-12-29 Feet below surface: 5.44

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1975-11-26 Feet below surface: 5.75

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1975-10-22 Feet below surface: Feet to sea level: Not Reported Note: Not Reported

1975-09-30 Feet below surface: 5.76 Level reading date:

Feet to sea level: Not Reported Note: Not Reported

5.95

Level reading date: 1975-08-19 Feet below surface: Feet to sea level: Not Reported Note: Not Reported

Level reading date:	1975-07-22	Feet below surface:	5.85
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-06-25	Feet below surface:	5.63
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-05-19	Feet below surface:	5.37
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-04-24	Feet below surface:	5.26
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-03-24	Feet below surface:	5.45
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-02-19	Feet below surface:	5.67
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-01-17	Feet below surface:	5.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-12-18	Feet below surface:	6.23
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-11-23	Feet below surface:	6.21
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-10-23	Feet below surface:	6.03
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-09-16	Feet below surface:	5.81
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-08-10	Feet below surface:	5.56
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-07-10	Feet below surface:	5.24
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-05-15	Feet below surface:	4.72
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-04-07	Feet below surface:	4.77
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-03-13	Feet below surface:	4.65
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-02-21	Feet below surface:	4.67
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-01-30	Feet below surface:	4.72
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-01-02	Feet below surface:	5.02
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-11-21	Feet below surface:	5.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-10-18	Feet below surface:	5.36
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date: 1973-09-13 Feet below surface: 5.15

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1973-08-14 Feet below surface: 5.11

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1973-07-23 Feet below surface: 4.20

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1973-06-12 Feet below surface: 4.55

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1973-05-14 Feet below surface: 4.18

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1973-04-06 Feet below surface: 4.22

Feet to sea level: Not Reported Note: Not Reported

20 WNW FED USGS USGS40000463942 1/2 - 1 Mile

Lower

Organization ID: USGS-MA

 Organization Name:
 USGS Massachusetts Water Science Center

 Monitor Location:
 MA-TSW 159
 Type:
 Well

 Description:
 Not Reported
 HUC:
 01090002

 Drainage Area:
 Not Reported
 Drainage Area Units:
 Not Reported

Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Aquifer: Sand and gravel aquifers (glaciated regions)

Formation Type: Not Reported Aquifer Type: Not Reported

Construction Date: 197205 Well Depth: 91.7

Well Hole Depth Units: Not Reported

Ground water levels, Number of Measurements: 1 Level reading date: 1972-06-01 Feet below surface: 80.32 Feet to sea level: Not Reported

Note: Not Reported

21 NNW MA WELLS MA900000000202

1/2 - 1 Mile Higher

PWS ID: 4300004 Site Name: CAPE VIEW MOTEL

Type: Transient Non-Community Facility Name: Not Reported

SubBasin: CAPE COD

Basemap:NAAccuracy Estimate (ft):100Feature Type:GWLocation Method:GP\_6Primary Location Source:SVSecondary Location Source:Not Reported

Tertiary Location Source: Not Reported

Source ID: 4300004-01G PWS Name: CAPE VIEW MOTEL

Source Name: WELL 1 PWS Status: A
Source Status: A PWS Class: NC

Source Availability: ACTIVE

Not Reported

Map ID Direction Distance

Elevation Database EDR ID Number

D22 NW

FED USGS USGS40000464026

1/2 - 1 Mile Lower

Organization ID: USGS-MA

Organization Name: **USGS Massachusetts Water Science Center** MA-TSW 189 Monitor Location: Well Type: 01090002 Description: Not Reported HUC: Drainage Area: Not Reported Drainage Area Units: Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported

Aquifer: Sand and gravel aquifers (glaciated regions)

Formation Type: Not Reported Aquifer Type: Not Reported

Construction Date: 19661024 Well Depth: 55
Well Depth Units: ft Well Hole Depth: 60

Well Hole Depth Units: ft

Ground water levels, Number of Measurements: 1 Level reading date: 1966-10-24 Feet below surface: 18.50 Feet to sea level: Not Reported

Note: Not Reported

D23
NW FED USGS USGS40000464014

1/2 - 1 Mile Lower

Organization ID: USGS-MA

Organization Name: USGS Massachusetts Water Science Center Monitor Location: Well MA-TSW 188 Type: Description: 01090002 Not Reported HUC: Drainage Area: Not Reported Drainage Area Units: Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported

Aquifer: Sand and gravel aquifers (glaciated regions)

Formation Type: Not Reported Aquifer Type: Not Reported

Construction Date: 19661020 Well Depth: 44
Well Depth Units: ft Well Hole Depth: 59

Well Hole Depth Units: ft

Ground water levels, Number of Measurements: 1 Level reading date: 1966-10-20 Feet below surface: 9.80 Feet to sea level: Not Reported

Note: Not Reported

24 SSE FED USGS USGS40000463731

1/2 - 1 Mile

Organization ID: USGS-MA

Organization Name: USGS Massachusetts Water Science Center Monitor Location: MA-TSW 169 Well Type: Description: Not Reported HUC: 01090002 Drainage Area Units: Drainage Area: Not Reported Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported

Aquifer: Sand and gravel aquifers (glaciated regions)

Formation Type: Not Reported Aquifer Type: Not Reported

Construction Date: 19730501 Well Depth: 10

Well Depth Units: Well Hole Depth: Not Reported Not Reported

Well Hole Depth Units:

Ground water levels, Number of Measurements: 16 Level reading date: 1975-05-21 Feet below surface: Feet to sea level: Not Reported

Note: Not Reported

Level reading date: 1974-08-10 Feet below surface: 3.21

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1974-07-10 Feet below surface: 2.96

Feet to sea level: Not Reported Note: Not Reported

Feet below surface: Level reading date: 1974-05-15 2.56

Feet to sea level: Not Reported Note: Not Reported

Feet below surface: Level reading date: 1974-04-07 2.56

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1974-03-13 Feet below surface: 2.43

Not Reported Feet to sea level: Not Reported Note:

Feet below surface: Level reading date: 1974-02-19 2.46

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1974-01-30 Feet below surface: 2.55

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1974-01-02 Feet below surface: 2.73

Not Reported Feet to sea level: Not Reported Note:

Feet below surface: Level reading date: 1973-11-21 3.10

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1973-10-18 Feet below surface:

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1973-09-13 Feet below surface: 2.83

Feet to sea level: Not Reported Note: Not Reported

Feet below surface: Level reading date: 1973-08-21 2.84

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1973-06-12 Feet below surface: 2.38

Feet to sea level: Not Reported Note: Not Reported

1973-05-14 Feet below surface: 2.19 Level reading date:

Feet to sea level: Not Reported Note: Not Reported

Feet below surface: Level reading date: 1973-05-01 2.19

Feet to sea level: Not Reported Note: Not Reported

**FED USGS** USGS40000463704 South 1/2 - 1 Mile

Organization ID: **USGS-MA** 

Lower

Organization Name: USGS Massachusetts Water Science Center Monitor Location: MA-TSW 167 Well Type:

HUC: 01090002 Description: Not Reported Drainage Area: Not Reported Drainage Area Units: Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported

Aquifer: Sand and gravel aquifers (glaciated regions)

Formation Type: Not Reported Aquifer Type: Not Reported

Construction Date: 19730406 Well Depth: 9.8

Well Depth Units: Well Hole Depth: Not Reported

Well Hole Depth Units: Not Reported

Ground water levels, Number of Measurements: 30 Level reading date: 1975-05-21 Feet below surface: Feet to sea level: Not Reported 5.52

Note: Not Reported

Feet below surface: Level reading date: 1975-05-21

5.52 Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1974-09-04 Feet below surface: 5.77

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1974-09-04 Feet below surface: 5.77

Feet to sea level: Not Reported Note: Not Reported

Feet below surface: Level reading date: 1974-08-14 5.77

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1974-08-14 Feet below surface: 5.77

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1974-07-10 Feet below surface: 5.49

Feet to sea level: Not Reported Not Reported Note:

1974-07-10 Feet below surface: Level reading date: 5.49

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1974-05-15 Feet below surface:

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1974-05-15 Feet below surface: 5.30

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1974-04-07 Feet below surface: 5.21

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1974-04-07 Feet below surface:

Feet to sea level: Not Reported Note: Not Reported

Feet below surface: 1974-03-13 4.95 Level reading date:

Feet to sea level: Not Reported Note: Not Reported

Feet below surface: Level reading date: 1974-03-13 4.95

Feet to sea level: Not Reported Note: Not Reported

Level reading date: Feet below surface: 1974-02-19 4.99

Feet to sea level: Not Reported Note: Not Reported

Feet below surface: Level reading date: 1974-02-19 4.99

Feet to sea level: Note: Not Reported Not Reported

Level reading date: 1974-01-28 Feet below surface: 5.14

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1974-01-28 Feet below surface: 5.14

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1974-01-02 Feet below surface: 5.27

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1974-01-02 Feet below surface: 5.27

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1973-11-21 Feet below surface: 5.46

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1973-11-21 Feet below surface: 5.46

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1973-10-17 Feet below surface: 5.41

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1973-10-17 Feet below surface: 5.41

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1973-06-12 Feet below surface: 5.13

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1973-06-12 Feet below surface: 5.13

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1973-05-14 Feet below surface: 4.95

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1973-05-14 Feet below surface: 4.95

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1973-04-06 Feet below surface: 4.65

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1973-04-06 Feet below surface: 4.65

Feet to sea level: Not Reported Note: Not Reported

26 ESE FED USGS USGS40000463841

1/2 - 1 Mile Lower

Organization ID: USGS-MA

Organization Name: USGS Massachusetts Water Science Center Monitor Location: MA-TSW 171 Type:

Monitor Location:MA-TSW 171Type:WellDescription:Not ReportedHUC:01090002Drainage Area:Not ReportedDrainage Area Units:Not ReportedContrib Drainage Area:Not ReportedContrib Drainage Area Units:Not Reported

Aquifer: Sand and gravel aquifers (glaciated regions)

Formation Type: Not Reported Aquifer Type: Not Reported

Construction Date: 19730406 Well Depth: 13.5

Well Depth Units: ft Well Hole Depth: Not Reported

Well Hole Depth Units: Not Reported

Ground water levels, Number of Measurements: 18 Level reading date: 1975-05-21 Feet below surface: 7.66 Feet to sea level: Not Reported

Note: Not Reported

1974-09-04 Level reading date: Feet below surface: 7.75 Feet to sea level: Not Reported Note: Not Reported Level reading date: 1974-08-10 Feet below surface: 7.75 Feet to sea level: Not Reported Not Reported Note: Level reading date: 1974-07-10 Feet below surface: 7.45 Feet to sea level: Not Reported Note: Not Reported 1974-05-15 Level reading date: Feet below surface: 6.97 Feet to sea level: Not Reported Note: Not Reported Level reading date: 1974-04-08 Feet below surface: 7.00 Feet to sea level: Not Reported Not Reported Note: Level reading date: 1974-03-13 Feet below surface: 6.91 Feet to sea level: Not Reported Not Reported Level reading date: 1974-02-21 Feet below surface: 7.00 Feet to sea level: Not Reported Note: Not Reported Level reading date: 1974-01-30 Feet below surface: 7.10 Feet to sea level: Not Reported Note: Not Reported Level reading date: 1974-01-02 Feet below surface: 7.39 Feet to sea level: Not Reported Note: Not Reported Level reading date: 1973-11-21 Feet below surface: 7.83 Feet to sea level: Not Reported Note: Not Reported Level reading date: 1973-10-18 Feet below surface: 7.67 Feet to sea level: Not Reported Note: Not Reported Level reading date: 1973-09-13 Feet below surface: 7.50 Feet to sea level: Not Reported Note: Not Reported Level reading date: 1973-08-14 Feet below surface: 7.32 Feet to sea level: Not Reported Note: Not Reported Level reading date: 1973-07-23 Feet below surface: 7.09 Feet to sea level: Not Reported Note: Not Reported 1973-06-12 Feet below surface: Level reading date: 6.71 Feet to sea level: Not Reported Note: Not Reported Level reading date: 1973-05-14 Feet below surface: 6.52 Feet to sea level: Not Reported Not Reported Note: Level reading date: 1973-04-06 Feet below surface: 6.65 Feet to sea level: Not Reported Note: Not Reported

D27 NW FED USGS USGS40000464032

1/2 - 1 Mile Lower

Organization ID: USGS-MA

 Organization Name:
 USGS Massachusetts Water Science Center

 Monitor Location:
 MA-TSW 157
 Type:
 Well

 Description:
 Not Reported
 HUC:
 01090002

 Drainage Area:
 Not Reported
 Drainage Area Units:
 Not Reported

Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported

Aquifer: Sand and gravel aquifers (glaciated regions)

Formation Type: Not Reported Aguifer Type: Not Reported

Construction Date: 19661026 Well Depth: 50
Well Depth Units: ft Well Hole Depth: 60

Well Hole Depth Units: ft

Ground water levels, Number of Measurements: 48 Level reading date: 1977-04-11

Feet below surface: 0.63 Feet to sea level: Not Reported

Note: Not Reported

Level reading date: 1976-12-06 Feet below surface: 1.32

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1976-10-29 Feet below surface: 1.19

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1976-10-04 Feet below surface: 1.25

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1976-08-31 Feet below surface: 1.30

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1976-08-03 Feet below surface: 1.23

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1976-07-02 Feet below surface: 1.04

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1976-05-24 Feet below surface: 0.35

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1976-04-28 Feet below surface: 0.40

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1976-04-05 Feet below surface: 0.24

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1976-03-01 Feet below surface: 0.08

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1976-01-29 Feet below surface: 0.04

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1975-12-29 Feet below surface: 0.40

Feet to sea level: Not Reported Note: Not Reported

The trapertees are the trapertee

Level reading date: 1975-11-26 Feet below surface: 0.71

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1975-09-29 Feet below surface: 1.02

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1975-08-19 Feet below surface: 1.08

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1975-07-22 Feet below surface: 1.07

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1975-06-25 Feet below surface: 0.83

Feet to sea level: Not Reported Note: Not Reported

Level reading date:	1975-05-19	Feet below surface:	0.65
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-04-24	Feet below surface:	0.49
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-03-24	Feet below surface:	0.57
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-02-19	Feet below surface:	0.72
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-01-17	Feet below surface:	0.99
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-12-17	Feet below surface:	0.99
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-11-23	Feet below surface:	1.06
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-10-22	Feet below surface:	1.16
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-09-16	Feet below surface:	1.18
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-08-14	Feet below surface:	1.14
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-07-10	Feet below surface:	0.83
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-05-15	Feet below surface:	0.44
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-04-07	Feet below surface:	0.37
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-03-18	Feet below surface:	0.18
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-02-19	Feet below surface:	0.18
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-01-28	Feet below surface:	0.33
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-01-02	Feet below surface:	0.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-11-20	Feet below surface:	0.75
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-10-17	Feet below surface:	0.75
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-09-12	Feet below surface:	0.73
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-08-14	Feet below surface:	0.77
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date: 1973-07-17 Feet below surface: 0.53

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1973-06-13 Feet below surface: 0.26

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1973-05-15 Feet below surface: 0.01

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1973-04-13 Feet below surface: 0.33

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1973-03-14 Feet below surface: 0.24

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1973-02-08 Feet below surface: 0.40

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1972-11-10 Feet below surface: 0.52

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1972-06-05 Feet below surface: 0.29

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1972-05-31 Feet below surface: 0.33

Feet to sea level: Not Reported Note: Not Reported

E28
NNW
MA WELLS
MA900000001085
1/2 - 1 Mile

Lower

PWS ID: 4300040 Site Name: STONES THROW CONDOS

Type: Non-Transient Non-Community

Facility Name: Not Reported SubBasin: CAPE COD

Basemap:NAAccuracy Estimate (ft):16Feature Type:GWLocation Method:GP\_2Primary Location Source:SVSecondary Location Source:Not Reported

Tertiary Location Source: Not Reported

Source ID: 4300040-01G PWS Name: STONES THROW CONDOS

Source Name: WELL #1 PWS Status: A
Source Status: I PWS Class: NTNC

Source Availability: INACT

E29
NNW
MA WELLS
MA900000000884

1/2 - 1 Mile Lower

PWS ID: 4300040 Site Name: STONES THROW CONDOS

Type: Non-Transient Non-Community

Facility Name: Not Reported SubBasin: CAPE COD

Basemap: DVB Accuracy Estimate (ft): 500

Feature Type: GW Location Method: OTH

Primary Location Source: KNOW Secondary Location Source: Not Reported

Tertiary Location Source: Not Reported

Source ID: 4300040-02G PWS Name: STONES THROW CONDOS

Source Name: WELL #2 PWS Status: A

Source Status: A PWS Class: NTNC

Source Availability: ACTIVE

Lower

PWS ID: 4300040 Site Name: STONES THROW CONDOS

Type: Non-Transient Non-Community

Facility Name: Not Reported SubBasin: CAPE COD

Basemap:DOQAccuracy Estimate (ft):16Feature Type:GWLocation Method:GP\_2Primary Location Source:SVSecondary Location Source:AP\_DOQ

Tertiary Location Source: Not Reported

Source ID: 4300040-03G PWS Name: STONES THROW CONDOS

Source Name: REPLACEMENT WELL #2 PWS Status: A
Source Status: A
PWS Class: NTNC

Source Availability: ACTIVE

31 NNW FED USGS USGS40000464082

1/2 - 1 Mile Lower

Organization ID: USGS-MA

Organization Name: USGS Massachusetts Water Science Center

Monitor Location: MA-TSW 239 Well Type: 01090002 Description: Not Reported HUC: Drainage Area: Not Reported Drainage Area Units: Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported

Aquifer: Sand and gravel aquifers (glaciated regions)

Formation Type: Not Reported Aquifer Type: Not Reported

Construction Date: 19790330 Well Depth: 130
Well Depth Units: ft Well Hole Depth: 150

Well Hole Depth Units: ft

Ground water levels, Number of Measurements: 1 Level reading date: 1979-03-30 Feet below surface: 45.50 Feet to sea level: Not Reported

Note: Not Reported

Map ID Direction Distance

EDR ID Number Elevation Database

F32 SSW 1/2 - 1 Mile

Lower

**FED USGS** USGS40000463705

Organization ID: **USGS-MA** 

**USGS Massachusetts Water Science Center** Organization Name: Monitor Location: **MA-TSW 165** Well Type: Description: Not Reported HUC: 01090002 Drainage Area: Not Reported Drainage Area Units: Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported

Aquifer: Sand and gravel aquifers (glaciated regions)

Not Reported Formation Type: Aquifer Type: Not Reported Construction Date: 19730515 Well Depth: 10.1 Well Depth Units: ft Well Hole Depth: 10.1

Well Hole Depth Units: ft

Ground water levels, Number of Measurements: 82 Level reading date: 1977-04-11 Not Reported

Feet below surface: 6.18 Feet to sea level:

Note: Not Reported

Level reading date: Feet below surface: 1977-04-11 6.18

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1977-03-01 Feet below surface: 6.56

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1977-03-01 Feet below surface: 6.56

Feet to sea level: Not Reported Note: Not Reported

Level reading date: Feet below surface: 1976-12-06 7.09

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1976-12-06 Feet below surface: 7.09

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1976-10-29 Feet below surface: 6.52

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1976-10-29 Feet below surface: 6.52

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1976-10-04 Feet below surface:

Feet to sea level: Not Reported Not Reported Note:

Level reading date: 1976-10-04 Feet below surface: 6.53

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1976-08-31 Feet below surface: 6.44

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1976-08-31 Feet below surface:

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1976-08-03 Feet below surface: 6.64

Not Reported Feet to sea level: Note: Not Reported

Level reading date: 1976-08-03 Feet below surface: 6.64

Feet to sea level: Not Reported Note: Not Reported

Level reading date:	1976-07-02	Feet below surface:	6.58
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-07-02	Feet below surface:	6.58
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-05-24	Feet below surface:	6.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-05-24	Feet below surface:	6.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-04-28	Feet below surface:	6.27
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-04-28	Feet below surface:	6.27
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-04-05	Feet below surface:	5.17
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-04-05	Feet below surface:	5.17
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-03-01	Feet below surface:	6.05
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-03-01	Feet below surface:	6.05
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-01-29	Feet below surface:	6.09
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1976-01-29	Feet below surface:	6.09
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-12-29	Feet below surface:	6.09
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-12-29	Feet below surface:	6.09
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-11-26	Feet below surface:	6.56
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-11-26	Feet below surface:	6.56
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-10-22	Feet below surface:	6.32
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-10-22	Feet below surface:	6.32
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-09-29	Feet below surface:	6.79
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-09-29	Feet below surface:	6.79
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-08-19	Feet below surface:	6.53
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1975-08-19	Feet below surface:	6.53
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-07-22	Feet below surface:	6.56
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-07-22	Feet below surface:	6.56
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-06-25	Feet below surface:	6.47
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-06-25	Feet below surface:	6.47
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-05-19	Feet below surface:	6.55
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-05-19	Feet below surface:	6.55
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-04-24	Feet below surface:	6.32
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-04-24	Feet below surface:	6.32
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-03-24	Feet below surface:	6.27
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-03-24	Feet below surface:	6.27
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-02-19	Feet below surface:	6.61
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-02-19	Feet below surface:	6.61
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-01-17	Feet below surface:	6.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1975-01-17	Feet below surface:	6.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-12-17	Feet below surface:	5.25
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-12-17	Feet below surface:	5.25
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-11-23	Feet below surface:	6.48
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-11-23	Feet below surface:	6.48
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-10-23	Feet below surface:	5.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-10-23	Feet below surface:	5.70
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1974-09-16	Feet below surface:	6.79
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-09-16	Feet below surface:	6.79
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-08-14	Feet below surface:	6.89
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-08-14	Feet below surface:	6.89
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-07-10	Feet below surface:	6.57
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-07-10	Feet below surface:	6.57
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-05-15	Feet below surface:	6.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-05-15	Feet below surface:	6.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-04-07	Feet below surface:	6.34
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-04-07	Feet below surface:	6.34
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-03-13	Feet below surface:	5.95
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-03-13	Feet below surface:	5.95
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-02-19	Feet below surface:	6.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-02-19	Feet below surface:	6.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-01-28	Feet below surface:	6.28
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-01-28	Feet below surface:	6.28
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-01-02	Feet below surface:	6.23
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1974-01-02	Feet below surface:	6.23
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-11-21	Feet below surface:	6.45
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-11-21	Feet below surface:	6.45
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1973-10-18	Feet below surface:	6.24
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date: 1973-10-18 Feet below surface: 6.24

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1973-06-12 Feet below surface: 6.30

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1973-06-12 Feet below surface: 6.30

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1973-05-15 Feet below surface: 5.60

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1973-05-15 Feet below surface: 5.60

Feet to sea level: Not Reported Note: Not Reported

33 NE FED USGS USGS40000464067

1/2 - 1 Mile Higher

Organization ID: USGS-MA

Organization Name: USGS Massachusetts Water Science Center

Monitor Location: MA-TSW 44 Type: Well Description: Not Reported HUC: 01090002 Drainage Area: Not Reported Drainage Area Units: Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported

Aquifer: Sand and gravel aquifers (glaciated regions)

Formation Type: Stratified Deposits, Undifferentiated

Aquifer Type: Unconfined single aquifer Construction Date: 19500210 Well Depth: 151 Well Depth Units: ft

Well Hole Depth: 170 Well Hole Depth Units: ft

Ground water levels, Number of Measurements: 10 Level reading date: 1977-04-01 Feet below surface: 106.45 Feet to sea level: Not Reported

Note: Not Reported

Level reading date: 1976-10-27 Feet below surface: 107.17

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1976-09-28 Feet below surface: 106.33

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1976-08-26 Feet below surface: 106.16 Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1976-06-29 Feet below surface: 105.54

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1973-10-17 Feet below surface: 105.81

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1973-05-14 Feet below surface: 106.05

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1972-11-10 Feet below surface: 105.49

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1972-06-06 Feet below surface: 105.99
Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1972-06-05 Feet below surface: 105.99 Feet to sea level: Not Reported Note: Not Reported

F34
SSW
MA WELLS MA900000002181
1/2 - 1 Mile

Lower

PWS ID: 4300039 Site Name: ROSEVILLE CONDOMINIUMS

Type: Transient Non-Community Facility Name: Not Reported

SubBasin: CAPE COD

Basemap:NAAccuracy Estimate (ft):16Feature Type:GWLocation Method:GP\_2Primary Location Source:SVSecondary Location Source:Not Reported

Tertiary Location Source: Not Reported

Source ID: 4300039-01G PWS Name: ROSEVILLE CONDOMINIUMS

Source Name: WELL 1 PWS Status: A
Source Status: A
PWS Class: NC

Source Availability: ACTIVE

35 NNW FED USGS USGS40000464083 1/2 - 1 Mile

Lower

Organization ID: USGS-MA
Organization Name: USGS Massachusetts Water Science Center

Monitor Location: MA-TSW 156 Type: Well Description: Not Reported HUC: 01090002 Drainage Area: Not Reported Drainage Area Units: Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported

Aquifer: Sand and gravel aquifers (glaciated regions)

Formation Type: Not Reported Aquifer Type: Not Reported

Construction Date: 19720519 Well Depth: 9.2

Well Depth Units: ft Well Hole Depth: Not Reported

Well Hole Depth Units: Not Reported

Ground water levels, Number of Measurements: 5 Level reading date: 1973-10-18

Feet below surface: 2.47 Feet to sea level: Not Reported

Note: Not Reported

Level reading date: 1973-05-14 Feet below surface: 1.53

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1972-11-10 Feet below surface: 2.02

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1972-06-05 Feet below surface: 1.33

Feet to sea level: Not Reported Note: Not Reported

Level reading date: 1972-05-19 Feet below surface: 1.81

Feet to sea level: Not Reported Note: Not Reported

Map ID Direction Distance

Elevation Database EDR ID Number

36 SSE 1/2 - 1 Mile

FED USGS USGS40000463675

MA900000001896

MA900000003653

**MA WELLS** 

1/2 - 1 Mile Higher

Organization ID: USGS-MA

Organization Name: **USGS Massachusetts Water Science Center** Monitor Location: MA-TSW 287 Well Type: CCC OBS WELL P6 01090002 Description: HUC: Drainage Area: Not Reported **Drainage Area Units:** Not Reported Contrib Drainage Area: Not Reported Contrib Drainage Area Unts: Not Reported

Aquifer: Sand and gravel aquifers (glaciated regions)

Formation Type: Stratified Deposits, Undifferentiated

Aquifer Type: Unconfined single aquifer Construction Date: 20020208

Well Depth: 103 Well Depth Units: ft
Well Hole Depth: 105 Well Hole Depth Units: ft

G37 SSW 1/2 - 1 Mile Higher

Higher

ner

PWS ID: 4300027 Site Name: CORN HILL CONDOMINIUMS Type: Transient Non-Community Facility Name: Not Reported

SubBasin: CAPE COD

Basemap: DVB Accuracy Estimate (ft): 500
Feature Type: GW Location Method: OTH

Primary Location Source: KNOW Secondary Location Source: Not Reported

Tertiary Location Source: Not Reported

Source ID: 4300027-02G PWS Name: CORN HILL CONDOMINIUMS

Source Name: WELL 2 PWS Status: A
Source Status: A
PWS Class: NC

Source Availability: ACTIVE

\_\_\_\_

G38 SSW 1/2 - 1 Mile

PWS ID: 4300027 Site Name: CORN HILL CONDOMINIUMS

Type: Transient Non-Community Facility Name: Not Reported

SubBasin: CAPE COD

Basemap:NAAccuracy Estimate (ft):100Feature Type:GWLocation Method:GP\_6Primary Location Source:SVSecondary Location Source:Not Reported

Tertiary Location Source: Not Reported

Source ID: 4300027-01G PWS Name: CORN HILL CONDOMINIUMS

Source Name: WELL 1 PWS Status: A

**MA WELLS** 

Source Status: A PWS Class: NC Source Availability: ACTIVE

#### **AREA RADON INFORMATION**

State Database: MA Radon

Radon Test Results

 County
 % of sites>4 pCi/L
 Median

 —
 —

 BARNSTABLE
 15
 1.6

Federal EPA Radon Zone for BARNSTABLE County: 2

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for BARNSTABLE COUNTY, MA

Number of sites tested: 84

Area Average Activity % <4 pCi/L % 4-20 pCi/L % >20 pCi/L 1.013 pCi/L Living Area - 1st Floor 100% 0% 0% Not Reported Living Area - 2nd Floor Not Reported Not Reported Not Reported Basement 2.121 pCi/L 86% 14% 0%

#### PHYSICAL SETTING SOURCE RECORDS SEARCHED

#### **TOPOGRAPHIC INFORMATION**

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map Source: U.S. Geological Survey

#### HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: MassDEP Telephone: 617-292-5907

#### HYDROGEOLOGIC INFORMATION

AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

#### **GEOLOGIC INFORMATION**

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

#### PHYSICAL SETTING SOURCE RECORDS SEARCHED

#### LOCAL / REGIONAL WATER AGENCY RECORDS

#### FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

#### STATE RECORDS

Massachusetts Geographic Information System (MassGIS) Datalayers

Source: Executive Office of Environmental Affairs

Telephone:

#### Public Water Supply Database

#### Telephone:

The Public Water Supply datalayer contains the locations of public community surface and groundwater supply sources and public non-community supply sources as defined in 310 CMR 22.00.

#### Areas of Critical Environmental Concern

#### Telephone:

The Areas of Critical Environmental Concern (ACEC) datalayer shows the location of areas that have been designated ACECs by the Secretary of Environmental Affairs. ACEC designation requires greater environmental review of certain kinds of proposed development under state jurisdiction within the ACEC boundaries. The ACEC Program is administered by the Department of Environmental Management (DEM) on behalf of the Secretary of Environmental Affairs. The Massachusetts Coastal Zone Management (MCZM) Office managed the original Coastal ACEC Program from 1978 to 1993, and continues to play a key role in monitoring coastal ACECs. Procedures for ACEC designation and the general policies governing the effects of designation are contained in the ACEC regulations (301 CMR 12.00). The ACEC datalayer has been compiled by MCZM and DEM and includes both coastal and inland areas.

#### **EPA Designated Sole Source Aquifers**

#### Telephone:

The Sole Source Aquifer datalayer was compiled by the Department of Environmental Protection (DEP) Division of Water Supply (DWS). Seven Sole Source Aquifers have been designated by the US Environmental Protection Agency (EPA) for Massachusetts. A Sole Source Aquifer (SSA) is an aquifer designated by US EPA as the sole or principal source of drinking water for a given aquifer service area; that is, an aquifer which is needed to supply 50% or more of the drinking water for that area and for which there are no reasonably available alternative sources should that aquifer become contaminated. The aquifers were defined by an EPA hydrogeologist.

#### Aquifers

#### Telephone:

MassGIS produced an aquifer datalayer composed of 20 individual panels, generally based on the boundaries of the major drainage basins. Areas of high and medium yield were mapped. This datalayer includes polygon attribute coding to help in the identification of areas in which cleanup of hazardous waste sites must meet drinking water standards, as defined in the Massachusetts Contingency Plan (MCP) (310 CMR 40.00000).

#### Non-Potential Drinking Water Source Areas

#### Telephone:

Non-Potential Drinking Water Source Areas (NPDWSA) are regulatory in nature representing one of many considerations used in determining the standards to which ground water must be cleaned in the event of a release of oil or hazardous material. NPDWSAs are not based on existing water quality and do not indicate poor ambient conditions.

DEP Approved Zone IIs TC5665938.2s Page PSGR-2

Telephone:

### PHYSICAL SETTING SOURCE RECORDS SEARCHED

#### OTHER STATE DATABASE INFORMATION

#### RADON

State Database: MA Radon Source: Department of Health Telephone: 413-586-7525 Radon Test Results

## Area Radon Information Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at

private sources such as universities and research institutions.

## EPA Radon Zones

Source: EPA

Telephone: 703-356-4020 Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor

radon levels.

#### OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

#### STREET AND ADDRESS INFORMATION

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Walsh Way 15 Walsh Way Truro, MA 02666

Inquiry Number: 5665938.3

May 28, 2019

# **Certified Sanborn® Map Report**



6 Armstrong Road, 4th floor Shelton, CT 06484 Toll Free: 800.352.0050 www.edrnet.com

### **Certified Sanborn® Map Report**

05/28/19

Site Name: Client Name:

Walsh Way
The BSC Group
15 Walsh Way
803 Summer Street
Truro, MA 02666
Boston, MA 02127
EDR Inquiry # 5665938.3
Contact: David Crispin



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by The BSC Group were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

#### Certified Sanborn Results:

Certification # BC3B-4480-96F0

PO# NA

Project 50324.00 Truro MA

#### **UNMAPPED PROPERTY**

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.



Sanborn® Library search results

Certification #: BC3B-4480-96F0

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

✓ Library of Congress

University Publications of America

EDR Private Collection

The Sanborn Library LLC Since 1866™

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## Walsh Way

15 Walsh Way Truro, MA 02666

Inquiry Number: 5665938.5

May 29, 2019

## The EDR Aerial Photo Decade Package



## **EDR Aerial Photo Decade Package**

05/29/19

Site Name: Client Name:

Walsh Way
The BSC Group
15 Walsh Way
803 Summer Street
Truro, MA 02666
Boston, MA 02127
EDR Inquiry # 5665938.5
Contact: David Crispin



Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

#### Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	Source
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2008	1"=500'	Flight Year: 2008	USDA/NAIP
1995	1"=500'	Acquisition Date: April 03, 1995	USGS/DOQQ
1991	1"=750'	Flight Date: April 04, 1991	USGS
1985	1"=500'	Flight Date: March 26, 1985	USDA
1977	1"=1000'	Flight Date: April 01, 1977	USGS
1971	1"=500'	Flight Date: May 07, 1971	USGS
1960	1"=500'	Flight Date: May 19, 1960	USGS
1952	1"=500'	Flight Date: July 13, 1952	USDA
1938	1"=500'	Flight Date: November 21, 1938	USGS

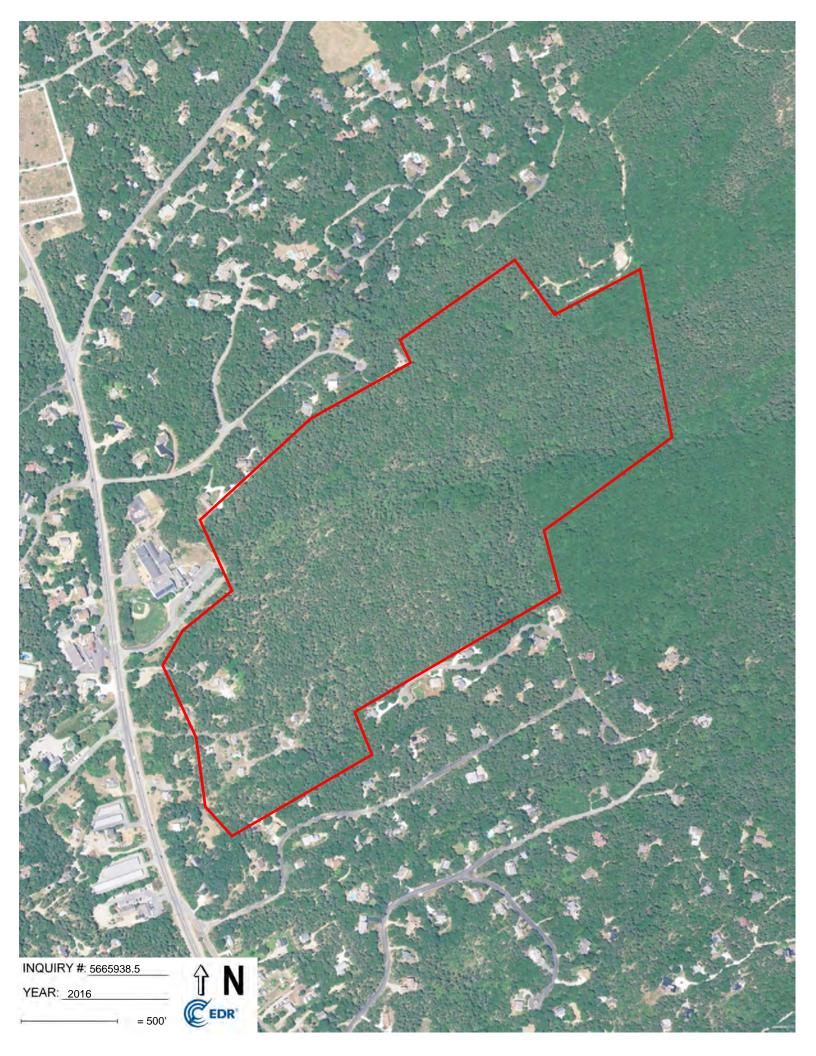
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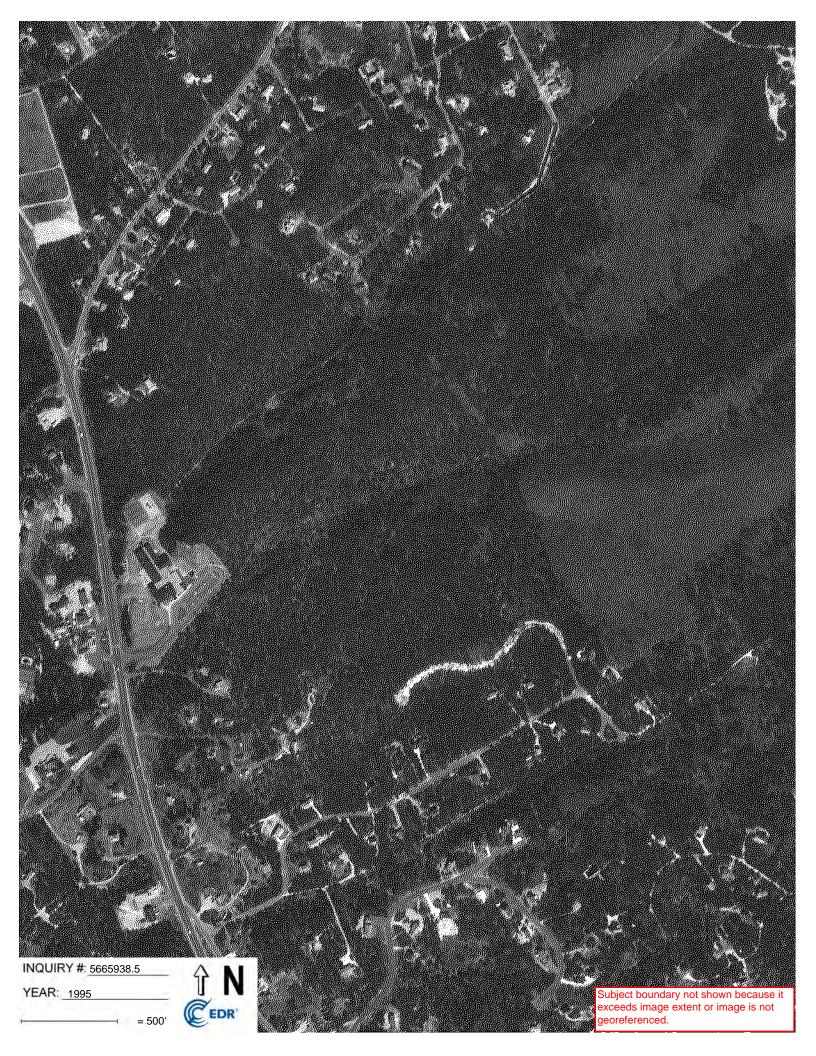
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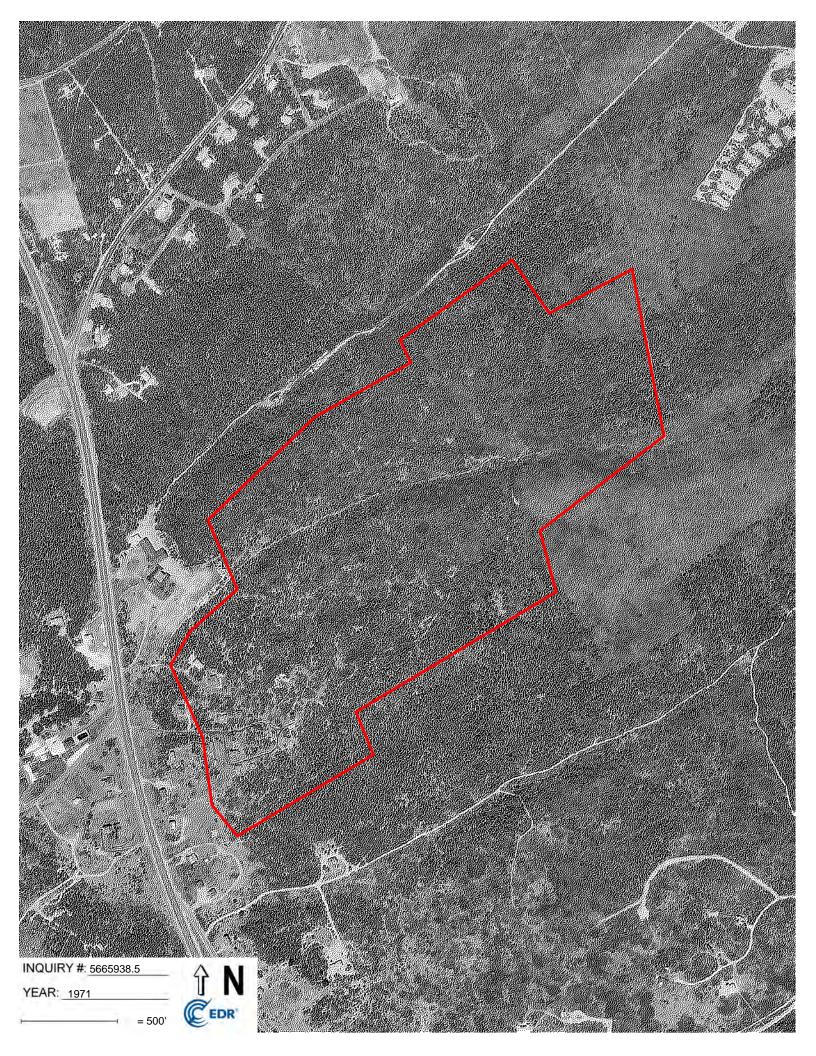


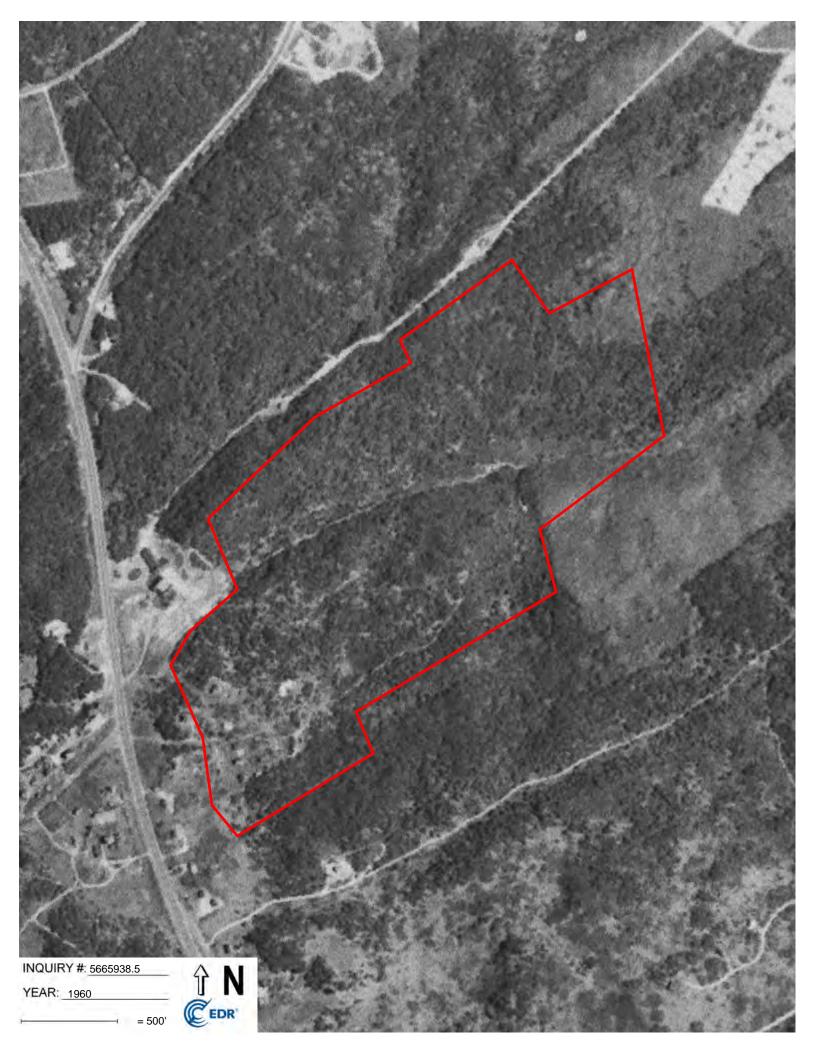


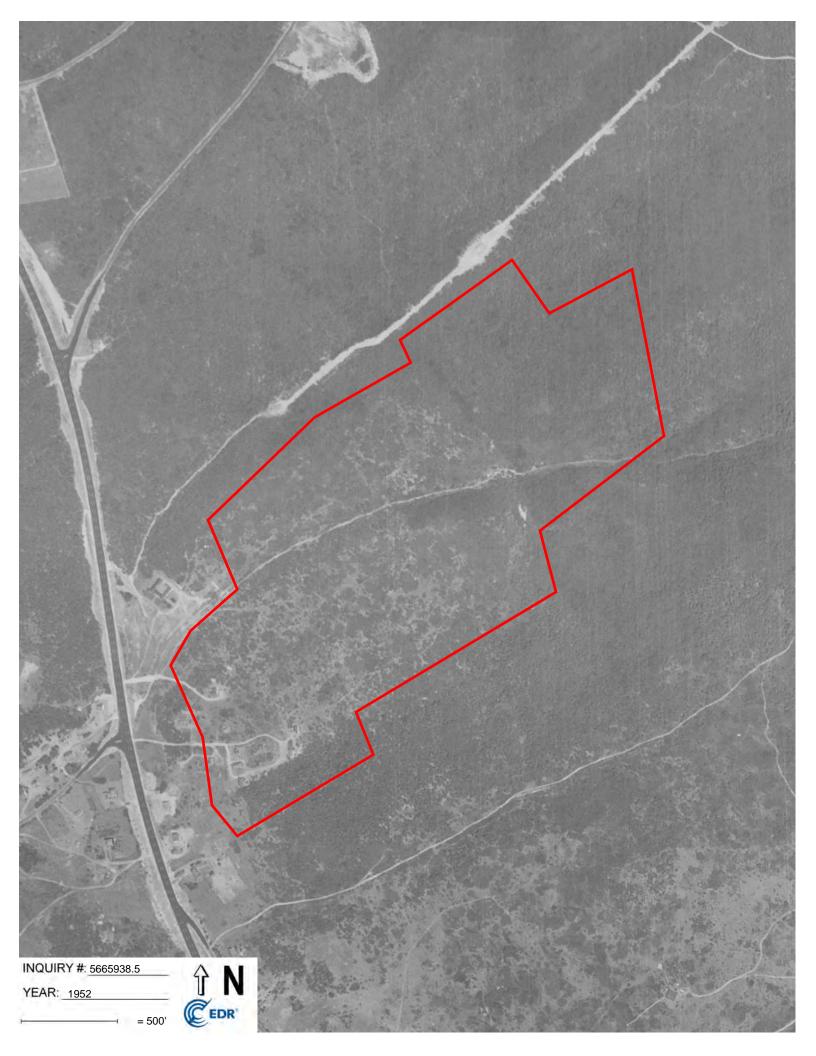


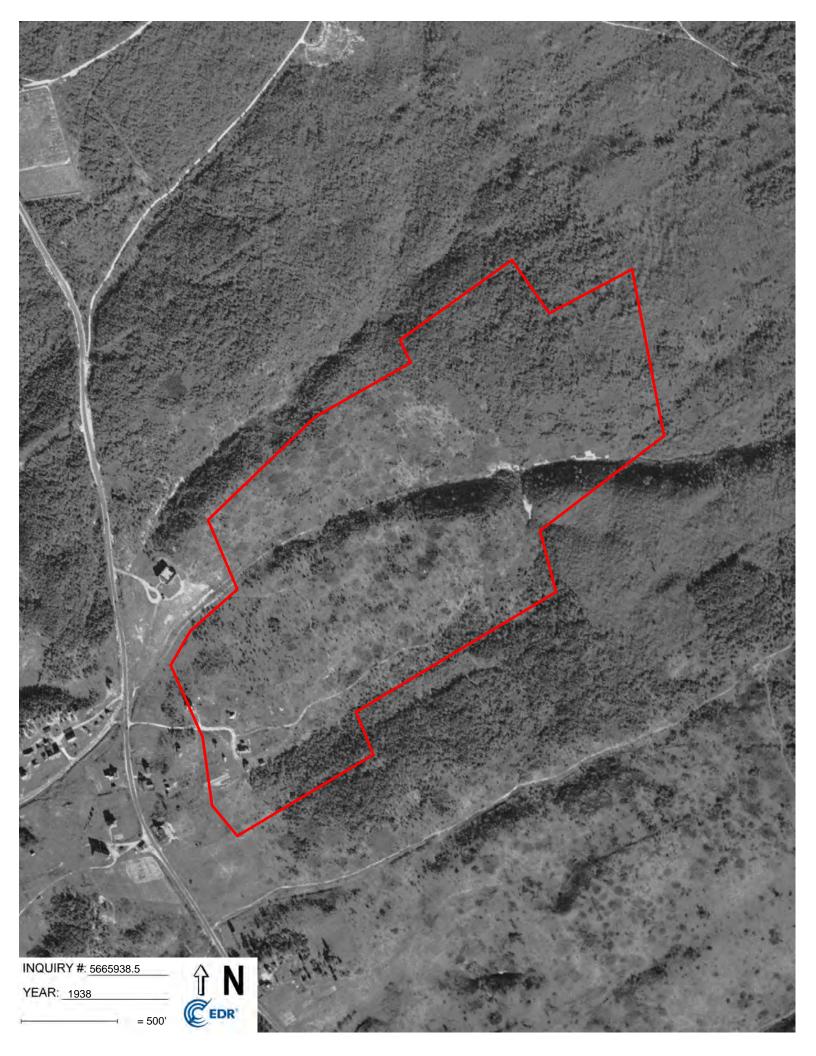


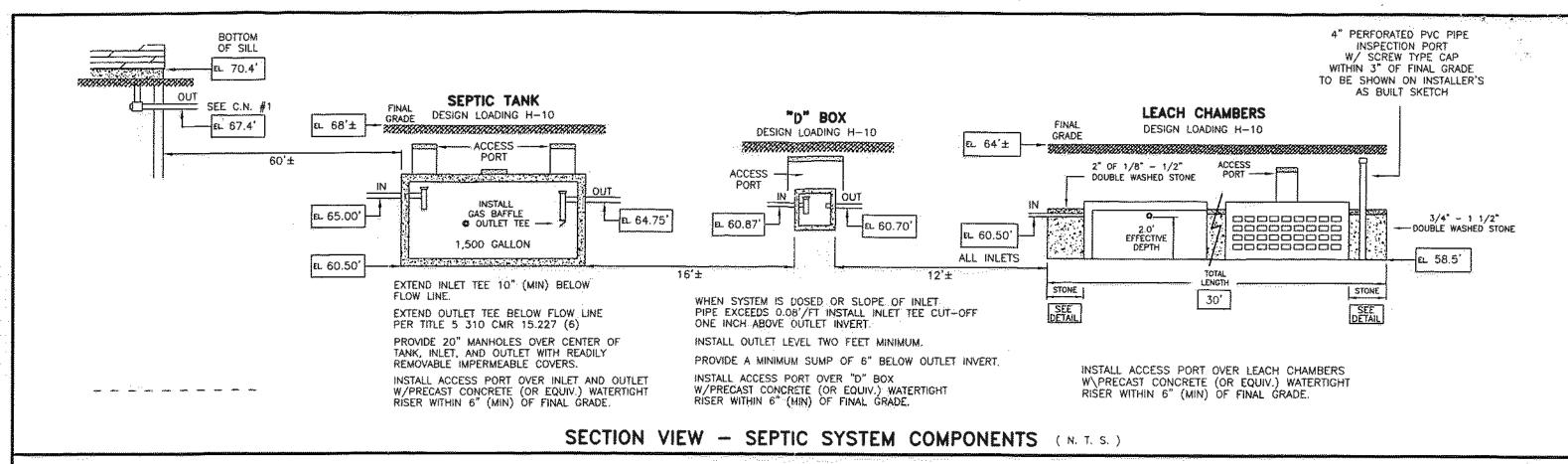












## DEEP OBSERVATION HOLE LOG

SOIL EVALUATOR: D. LAJOIE

BL. 64.0 DATE: 11-29-2013 HEALTH DEPT. WITNESS: E. BEEBE

DEPTH	LOWEST ELEVATION	HORIZON	TEXTURE	STRUCTURE	MOTTLING	CONSISTENCE
0.0'		Α	LOAMY SAND	NO	NO	LOOSE
1,0'	63.0'					
2.0'	62.0'	8	LOAMY SAND	NO	NO	LOOSE
		С	MEDIUM SAND	NO	NO	LOOSE
10.5'	53.51		PERC @ 3' <2 MIN/IN			VALUE -

2. EL 64.0 DATE: 11-29-2013 HEALTH DEPT. WITNESS: E. BEEBE

DEPTH	LOWEST ELEVATION	HORIZON	TEXTURE	STRUCTURE	MOTTLING	CONSISTENCE
0.0'		A	LOAMY SAND	NO	NO	LOOSE
1.0'	63.0′		*****			
		В	LOAMY	NO	NO	LOOSE
2.0'	62.0'		SAND			
			MEDIUM			
		С	SAND	NO	NO	LOOSE
			B. B. C. B.			
			PERC RATE			
10.0'	54.0'			ļ į		1

### **GENERAL NOTES**

- ALL CONTRACTORS AND/OR INSTALLERS ARE RESPONSIBLE FOR PROVIDING AND MAINTAINING A SAFE WORK AREA.
- 2. CONTRACTORS AND/OR INSTALLERS: VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION,
- 3. CONTRACTORS AND/OR INSTALLERS: VERIFY ALL WASTE LINE LOCATIONS PRIOR TO CONSTRUCTION.
- CONSTRUCTION DETAILS TO BE IN ACCORDANCE WITH STATE SANITARY CODE 310 CMR 15.000 AND TOWN BOARD OF HEALTH REQUIREMENTS.
- 5. ELEVATION DATUM IS FROM X U.S.G.S. QUAD. MAP. N.G.V.D.
- 6. MUNICIPAL WATER IS AVAILABLE YES X NO
- 7. ANY ALTERATIONS TO DESIGN MUST BE APPROVED BY FELCO, INC. AND TOWN BOARD OF HEALTH.
- ALL EXISTING SEWAGE TO BE PUMPED AND FILLED WITH CLEAN MEDIUM SAND.
- SEPTIC TANKS, DOSING CHAMBERS, GREASE TRAPS, AND DISTRIBUTION BOXES SHALL BE INSTALLED WATERTIGHT.
- 10. WHEN SEPTIC TANK, DOSING CHAMBERS, GREASE TRAPS, AND DISTRIBUTION BOXES ARE PLACED IN FILL, PROVIDE A LEVEL STABLE BASE WHICH HAS BEEN MECHANICALLY COMPACTED. VIRGIN GROUND WITH A 6" CRUSHED STONE BASE IS OTHERWISE ADEQUATE.
- 11. GROUND COVER OVER SEPTIC SYSTEM COMPONENTS SHALL NOT EXCEED 36".
- 12. WHEREVER SEWER LINES MUST CROSS WATER SUPPLY LINES, BOTH PIPES SHALL BE CONSTRUCTED OF CLASS 150 PRESSURE PIPE OR EQUIV. AND SHALL BE PRESSURE TESTED TO ASSURE WATERTIGHTNESS.
- 13. ALL SYSTEM COMPONENTS SHALL BE MARKED WITH MAGNETIC MARKING TAPE OR A COMPARABLE MEANS IN ORDER TO LOCATE THEM ONCE BURIED.
- PROVIDE (1) MIN. 4" PERFORATED PVC PIPE INSPECTION PORT PLACED VERTICALLY DOWN TO STONE/SAND INTERFACE W/ SCREW TYPE CAP WITHIN 3" OF FINAL GRADE PER 310 15.240 (13).

## DESIGN

FLOW DETERMINATION 3 BEDROOM DESIGN

GARBAGE GRINDER X NO YES

FLOW RATE = 330 GAL/DAY

SEPTIC TANK SIZING:

330 × 2.0 = 660 GAL/DAY

USE: 1,500

LEACHING FACILITY CALCULATIONS

PERCOLATION RATE IS < 5 MIN/INCH I CLASS

GAL

SIDEWALL = 160 x 0.74 = 340 GAL/DAY (S.F.)

USE: (3) 4.8' x 8.3' LEACH CHAMBERS

W/ STONE AS SHOWN IN DETAIL

= 30' LONG x 10' WIDE x 2' DEEP

REVISIONS -

DATE : 11-29-2013 | NAME : SHEIL/WALSH

7-29-2015 LOT SIZE / 3 BR. SYSTEM

**CONSTRUCTION NOTES** 

1. ALL WASTE LINES TO BE CHANGED AS NECESSARY

VERIFY WITH PLUMBER PRIOR TO CONSTRUCTION.

TO EXIT AT LOCATION AND ELEVATION SHOWN.

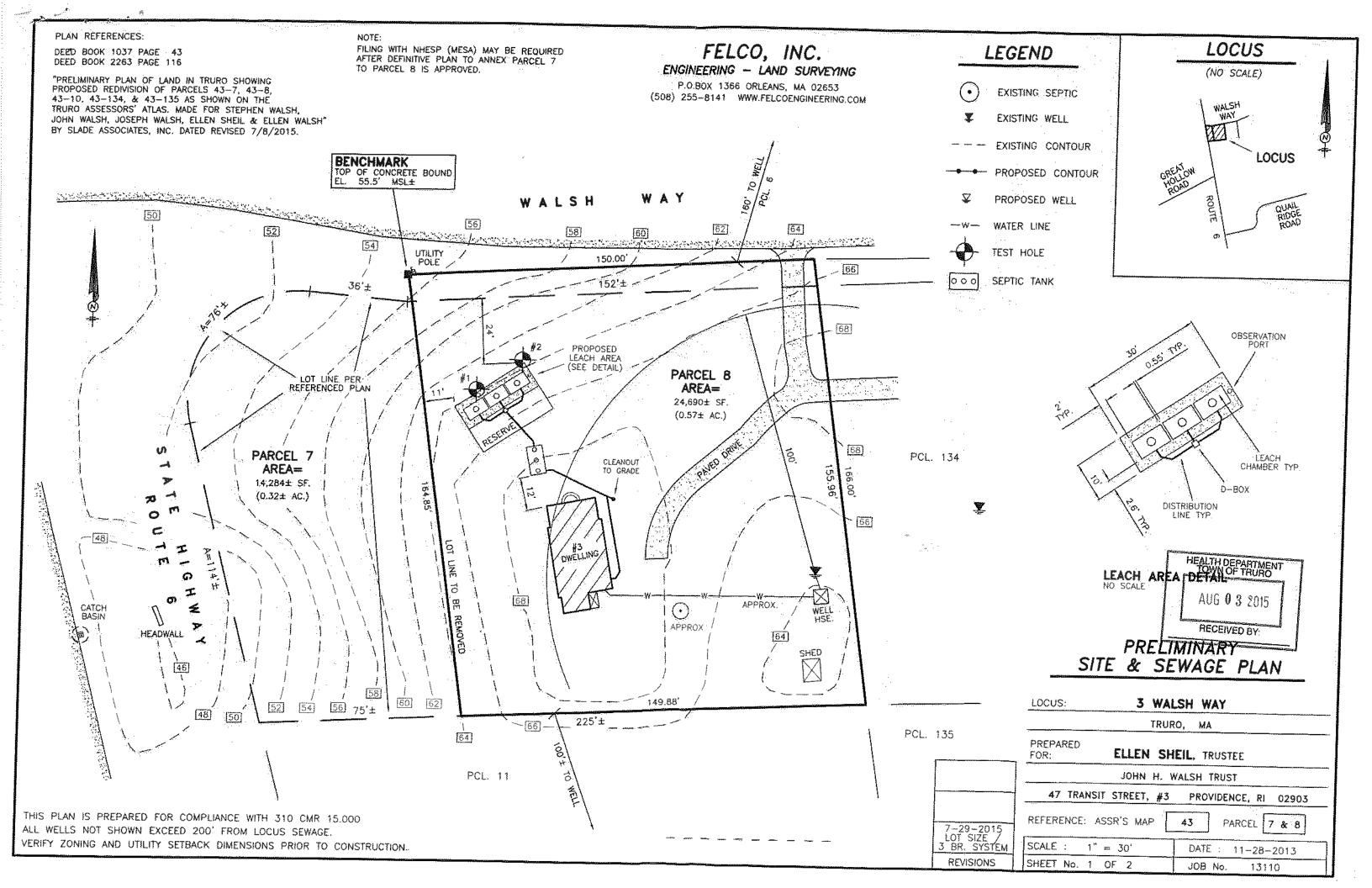
2. EXISTING SEPTIC SYSTEM SHOWN IS APPROXIMATE. LOCATE SYSTEM AND FILL WITH SAND AS REQUIRED.

3. PROVIDE CLEANOUTS TO GRADE EVERY 50' MIN.

TANK, ALSO PROVIDE 1/4" PER FOOT MIN.
PITCH ALONG ENTIRE WASTE LINE TO SEPTIC TANK,

ALONG WASTE LINE FROM DWELLING TO SEPTIC

FELCO, INC.
ENGINEERING - LAND SURVEYING



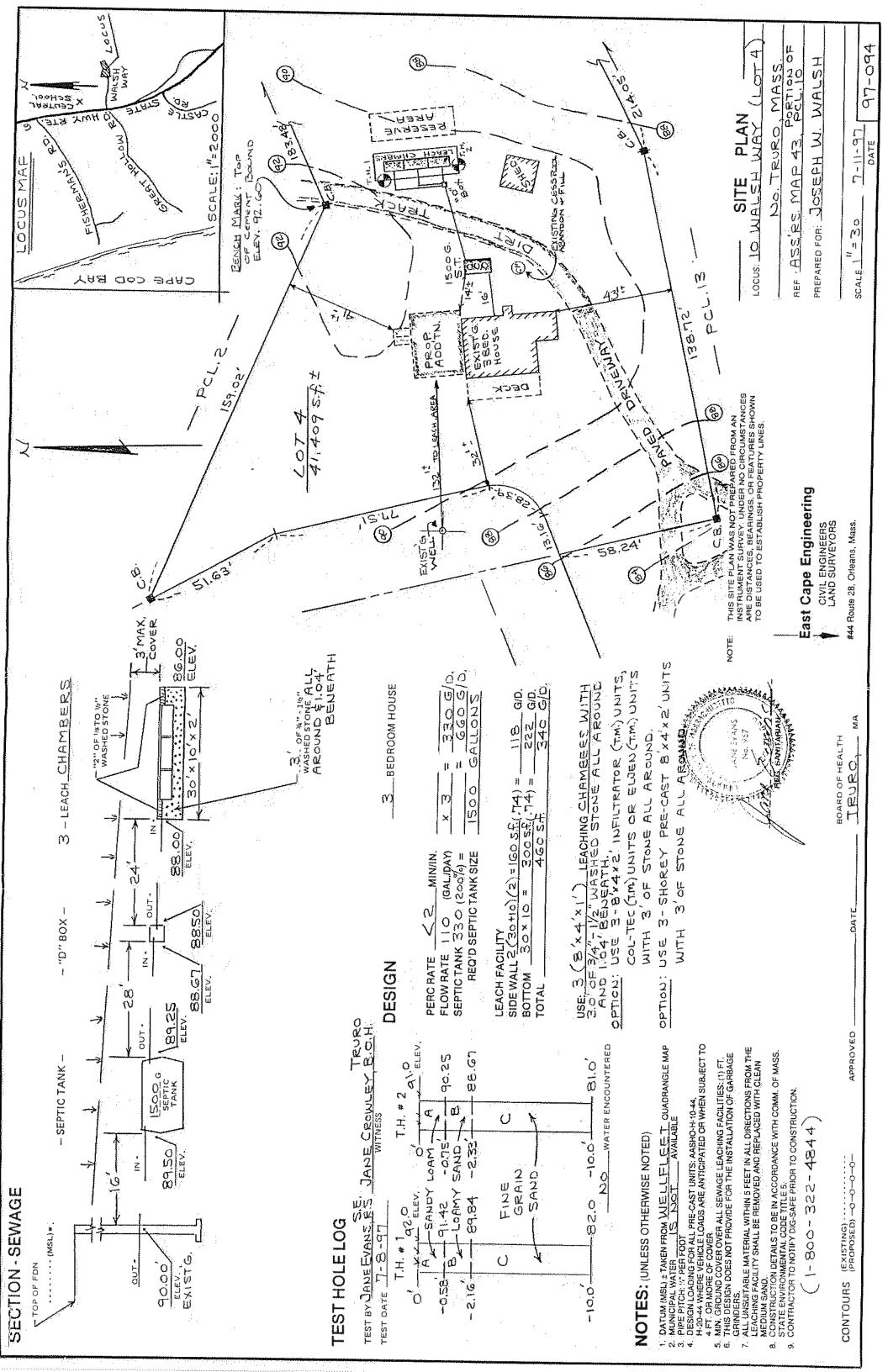
## HEALTH

# ノボンだの

# Application for Disposal Works Construction Permit

CHECK OR FILL IN WHERE APPLICABLE

THE COMMONWEALTH OF MASSACHUSETTS  BOARD OF HEALTH  (Uprifficate of Unimpliance  THIS IS TO CERTIFY, That the Individual Sewage Disposal System constructed ( ) or Repaired ( )  THIS IS TO CERTIFY, That the Individual Sewage Disposal System constructed ( ) or Repaired ( )  The Disposal Works Construction Fermit No.  THE ISSUANCE OF THIS CERTIFICATE SHALL NOT BE CONSTRUED AS A GUARANTEE THAT THE  SYSTEM WILL FUNCTION SATISFACTORY.  DATE  THE COMMONWEALTH OF MASSACHUSETTS  BOARD OF HEALTH  NO. 972-73  Blighned Minch Doard Dor HEALTH  Permission is hereby granted 1000 Days Disposal System  at No. 1000 Construct ( ) or Repair ( ) an Individual Sewage Disposal System  at No. 1000 Construct ( ) or Disposal Works Construction Permit No. 1000 Construct ( ) or Disposal Works Construction Permit No. 1000 Construction for Disposal Works Construction Permit No. 1000 Construction Cons	Trench—No.  Trench—No.  Diameter  Pit No.  Diameter  Dosing tank ()  iton Test Results  Performed by Minic Lining & S. S. S.  st Pit No. 1  Minimutes per inch Depth of Test Pit ton of Soil  THE CAME AND  of Repairs or Alterations  ent:  ent:  ent:  undersigned agrees to install the aforedescribed Indivisions of TITLE  of the State Sanitary Code  The under until a Certificate of Compliance has been issued by the lytion Disapproved for the following reasons.  Permit No.  Permit No.  Depth of Test Pit  THE CAME AND  THE CAME AND  THE CAME AND  THE WING  THE WING  THE University Code  The und  Signed  THE University Code  The und  The und	M. Logilon, Address  Owner  Installer  Installer  Ing  Installer  Ing  Other fixtures  gallons per person per day. Total daily flow 330
--	--	---





### ANALYTICAL REPORT

Lab Number: L1923661

Client: The BSC Group, Inc.

803 Summer Street Boston, MA 02127

ATTN: David Crispin Phone: (617) 896-4451

Project Name: 20

Project Number: 5-0324.00

Report Date: 06/14/19

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019 508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



L1923661 06/14/19

Lab Number: Report Date:

20 5-0324.00 Project Name:

Project Number:

Sample Location Matrix

TRURO

SOIL

SUB SLAB-1 Client ID

L1923661-01

Alpha Sample ID

Receive Date

06/04/19

05/30/19 15:00

Collection Date/Time

Дгэня

Project Name: 20 Lab Number: L1923661

Project Number: 5-0324.00 Report Date: 06/14/19

### **MADEP MCP Response Action Analytical Report Certification**

This form provides certifications for all samples performed by MCP methods. Please refer to the Sample Results and Container Information sections of this report for specification of MCP methods used for each analysis. The following questions pertain only to MCP Analytical Methods.

An af	firmative response to questions A through F is required for "Presumptive Certainty" status	
A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	YES
В	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	YES
С	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	YES
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data?"	YES
E a.	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	N/A
E b.	APH and TO-15 Methods only: Was the complete analyte list reported for each method?	N/A
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	YES

A res	sponse to questions G, H and I is required for "Presumptive Certainty" status	
G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	YES
Н	Were all QC performance standards specified in the CAM protocol(s) achieved?	YES
ı	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	YES

For any questions answered "No", please refer to the case narrative section on the following page(s).

Please note that sample matrix information is located in the Sample Results section of this report.



Project Name: 20 Lab Number: L1923661

Project Number: 5 0324 00 Penort Date: 06/44/10

Project Number: 5-0324.00 Report Date: 06/14/19

### **Case Narrative**

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.	



Project Name: 20 Lab Number: L1923661

Project Number: 5-0324.00 Report Date: 06/14/19

### **Case Narrative (continued)**

MCP Related Narratives

Report Submission

All MCP required questions were answered with affirmative responses; therefore, there are no relevant protocol-specific QC and/or performance standard non-conformances to report.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Wildle U. Maria Michelle M. Morris

Authorized Signature:

Title: Technical Director/Representative

ДІРНА

Date: 06/14/19

L1923661

06/14/19

Report Date:

# **QC OUTLIER SUMMARY REPORT**

Lab Number: 20 Project Name:

5-0324.00 Project Number: Recovery/RPD QC Limits Associated Data Quality (%) Samples Assessment QC Type Parameter Lab ID Client ID (Native ID)

Method

There are no QC Outliers associated with this report.



### **ORGANICS**



### PETROLEUM HYDROCARBONS



Project Name: 20 Lab Number: L1923661

**Project Number:** 5-0324.00 **Report Date:** 06/14/19

SAMPLE RESULTS

00,14,10

Lab ID: L1923661-01 Date Collected: 05/30/19 15:00

Client ID: SUB SLAB-1 Date Received: 06/04/19
Sample Location: TRURO Field Prep: Refer to COC

Sample Depth:

Matrix: Soil Extraction Method: EPA 3546

Analytical Method: 1,8015D(M) Extraction Date: 06/10/19 11:28
Analytical Date: 06/11/19 12:16

Analyst: LL Percent Solids: 96%

Parameter	Result	Qualifier Units	RL	MDL	Dilution Factor
Petroleum Hydrocarbon Quan	titation - Westborough Lab				
ТРН	69000	ug/kg	32900		1
Surrogate		% Recover	ry Qualifie		eptance riteria
o-Terphenyl		96			40-140



Project Name: 20 Lab Number: L1923661

**Project Number:** 5-0324.00 **Report Date:** 06/14/19

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8015D(M) Analytical Date: 06/10/19 15:01

Analyst: SR

Extraction Method: EPA 3546 Extraction Date: 06/09/19 17:28

 Parameter
 Result
 Qualifier
 Units
 RL
 MDL

 Petroleum Hydrocarbon Quantitation - Westborough Lab for sample(s):
 01 Batch:
 WG1246326-1

 TPH
 ND
 ug/kg
 32800
 -

Surrogate %Recovery Qualifier Criteria

o-Terphenyl 101 40-140



## Lab Control Sample Analysis Batch Quality Control

L1923661 Lab Number:

06/14/19

5-0324.00 Project Number:

20

Project Name:

Report Date:

"Recovery Limits Qual "Recovery TCSD Qual "Recovery Parameter

Qual

RPD Limits

RPD

Petroleum Hydrocarbon Quantitation - Westborough Lab Associated sample(s): 01 Batch: WG1246326-2 111

40-140

40

TPH

Qual "Recovery TCSD

Qual

"Recovery SO7

Surrogate

o-Terphenyl

93

Acceptance Criteria

40-140

ALPHA

### INORGANICS & MISCELLANEOUS



Project Name: 20 Lab Number: L1923661

**Project Number:** 5-0324.00 **Report Date:** 06/14/19

**SAMPLE RESULTS** 

 Lab ID:
 L1923661-01
 Date Collected:
 05/30/19 15:00

 Client ID:
 SUB SLAB-1
 Date Received:
 06/04/19

Sample Location: TRURO Field Prep: Refer to COC

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - \	Westborough Lab	)								
Solids, Total	95.9		%	0.100	NA	1	-	06/05/19 14:03	121,2540G	RI



20 Project Name:

Project Number: 5-0324.00

# Sample Receipt and Container Information

**Lab Number**: L1923661 Report Date: 06/14/19

Serial\_No:06141911:51

Were project specific reporting limits specified?

YES

Cooler Information

**Custody Seal** Cooler

Absent

Container Information	rmation		Initial F	ina:	l Temp			Frozen	
ontainer ID	Container ID Container Type	Cooler	ЬН	I	deg C	Pres	Seal	Date/Time	Analysis(*)
-1923661-01A	Vial Large Septa unpreserved (40z)	⋖	Ą Z		4.7	4.7 Y Absent	Absent		TPH-DRO-D(14)
L1923661-01B	Vial Large Septa unpreserved (4oz)	4	Ą		4.7	4.7 Y Absent	Absent		TS(7)



 Project Name:
 20
 Lab Number:
 L1923661

 Project Number:
 5-0324.00
 Report Date:
 06/14/19

### **GLOSSARY**

### **Acronyms**

**EDL** 

LOQ

MS

NP

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

 Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

 Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

 Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

 Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL

includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

### Footnotes

Report Format: Data Usability Report



 Project Name:
 20
 Lab Number:
 L1923661

 Project Number:
 5-0324.00
 Report Date:
 06/14/19

 The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

### Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

### Data Qualifiers

- A Spectra identified as "Aldol Condensation Product".
- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentrations of the analyte at less than ten times (10x) the concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations
  of the analyte.
- E Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
- H The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I The lower value for the two columns has been reported due to obvious interference.
- J Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- **ND** Not detected at the reporting limit (RL) for the sample.
- NJ Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P The RPD between the results for the two columns exceeds the method-specified criteria.
- Q The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- **R** Analytical results are from sample re-analysis.
- **RE** Analytical results are from sample re-extraction.
- S Analytical results are from modified screening analysis.

Report Format: Data Usability Report



 Project Name:
 20
 Lab Number:
 L1923661

 Project Number:
 5-0324.00
 Report Date:
 06/14/19

### REFERENCES

Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

### **LIMITATION OF LIABILITIES**

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Alpha Analytical, Inc. Facility: Company-wide

Department: Quality Assurance Title: Certificate/Approval Program Summary

Revision 12 Published Date: 10/9/2018 4:58:19 PM

ID No.:17873

Page 1 of 1

### Certification Information

### The following analytes are not included in our Primary NELAP Scope of Accreditation:

### Westborough Facility

EPA 624/624.1: m/p-xylene, o-xylene

EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: lodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene: 4-Ethyltoluene.

EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.

EPA 6860: SCM: Perchlorate

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

### **Mansfield Facility** SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

Biological Tissue Matrix: EPA 3050B

### The following analytes are included in our Massachusetts DEP Scope of Accreditation

### Westborough Facility:

### **Drinking Water**

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; EPA 353.2: Nitrate-N, Nitrite-N; SM4500NO3-F: Nitrate-N, Nitrite-N; SM4500F-C, SM4500CN-CE,

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B

EPA 332: Perchlorate; EPA 524.2: THMs and VOCs; EPA 504.1: EDB, DBCP.

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D.

### Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, EPA 350.1: Ammonia-N, LACHAT 10-107-06-1-B: Ammonia-N, EPA 351.1, SM4500NO3-F, EPA 353.2: Nitrate-N, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate. EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan II, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), EPA 600/4-81-045: PCB-Oil.

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.

### Mansfield Facility:

### Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. EPA 200.8: Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. EPA 245.1 Hg. EPA 522.

### Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

Pre-Qualtrax Document ID: 08-113 Document Type: Form

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### **TOWN OF TRURO**Select Board Agenda Item

**DEPARTMENT:** Administration

**REQUESTOR:** Noelle Scoullar, Executive Assistant

**REQUESTED MEETING DATE:** September 27, 2022

**ITEM:** Reappointment of Members to the Walsh Property Community Preservation

Committee

**EXPLANATION:** The current term for all Committee members expires October 13, 2022. The Committee charge currently stipulates a membership consisting of 15 seats. 13 out of the 14 current members have reapplied and the student liaison (non-voting member) has also reapplied. Please note that as an Ad Hoc committee, reappointments should be for one-year terms per Town Charter 6-4-4.

Members will not be sworn in until all policy forms and conflict of interest training have been completed.

FINANCIAL SOURCE (IF APPLICABLE): N/A

**IMPACT IF NOT APPROVED:** The Walsh Property Community Planning Committee will not have members to continue its charge.

**SUGGESTED ACTION:** Motion to reappoint the following people to a one-year term on the Walsh Property Community Planning Committee expiring October 13, 2023; Russell Braun; Eileen Breslin; Morgan Clark; Fred Gaechter; Betty Gallo; Susan Howe; Jane Lea; Christine Markowski; Craig Milan; Ken Oxtoby; Todd Schwebel; Paul Wisotzky; Steven Wynn.

Also, a motion to reappoint Violet Rein Bosworth as Wash Property Community Planning Committee's student liaison for a one-year term expiring October 13, 2023.

### **ATTACHMENTS:**

- 1. Applications to Serve
- 2. Letter from co-chairs

### **Truro**

### Application to Serve on a Board or Committee

Last Name	
Braun	
First Name	
Russell	
Middle Initial	
J	ROUD 20225EP14 pw12:57
Email Address	ADMINISTRATIVE OFFICE
	TOWN OF TRURO
Phone Number	
Address (Okazak)	
Address (Street)	
510 C Shore Rd.	
Address (City)	
North Truro	
Hold Halo	
Address (State)	
MA	
Address (Zip Code)	
02652	
Mailing Address (Please indicate box number and zip code)	
PO Box 272 02652	
Only full-time, registered Truro voters are able to serve on	

non-regulatory boards and commissions.

regulatory boards and commissions. All taxpayers/ residents are eligible to serve on

Are you a full-time resident of Truro?
[*]Yes
[ ]No
Are you registered to vote in Truro?
[*]Yes
[ ]No
What Board/ Committee Are You Applying For?
Walsh Property
Briefly Describe Why You Wish to Serve on This Board or Committee:
Reappointment
Have you attended a meeting of the committee listed above?
[*] Yes
[ ]No
Have you read the charge of the committee?
[*]Yes
[ ] No
Have you met with the chair of the committee?
[ * ] Yes
[ ] No
Have you read the Select Board's current Goals and Objectives?
[*]Yes
[ ] No
Do you have any questions or concerns about any Select Board Goals that are relevant to the board/committee on which you are applying to serve?
[ ]Yes
[*] No

If you have any questions or concerns about any Select Board Goals that are relevant to the board/committee on which you are applying to serve, please elaborate.

Are there other Boards/ Committees in which you are interested? Note: To be appointed to a regulatory board or committee, you must be a full-time resident and registered voter in Truro. Please list the Boards/ Committees names:

Briefly list your experience working on a committee or team. This can be professional, town, volunteer, charity, etc.

Already on file

Briefly list any other relevant experience such as professional work, training, education, etc. A resume is NOT required. If you choose to attach a resume, it will become a public document.

**Signature** 

Russell Braun

Date

Sep 14, 2022

**Consent Agenda Item: 8B2** 

### Truro

### Application to Serve on a Board or Committee

Last Name	
Breslin	
First Name	
Eileen	RCUD 2022SEP2 pwi43
Middle Initial	ADMINISTRATIVE OFFICE
T	
	TOWN OF TRURO
Email Address	
Phone Number	
Address (Street)	
Address (Street) 5 Short Lots Lane	
o Short Lots Lane	
Address (City)	
Truro	
Address (State)	
MA	
Address (Zip Code)	
02666	
Mailing Address (Please indicate box number and zip code)	
,	
Only full-time, registered Truro voters are able to serve on	
FORTHOTOPI PORTRE REG COMMISSIONE AND TOVOCUPIED PAGES AND	

non-regulatory boards and commissions.

Are you a full-time resident of Truro?
[ ]Yes
[*] No
Are you registered to vote in Truro?
[ ]Yes
[*] No
What Board/ Committee Are You Applying For?
Walsh Property
Briefly Describe Why You Wish to Serve on This Board or Committee:
The town has a unique opportunity to address community needs with this property. As a nurse, i see great
potential for it to address future needs. Our property is also adjacent to the property.
Have you attended a meeting of the committee listed above?
[*]Yes
[ ] No
Have you read the charge of the committee?
[*]Yes
[ ]No
Have you met with the chair of the committee?
[*]Yes
[ ] No
Have you read the Select Board's current Goals and Objectives?
[*]Yes
[ ]No
Do you have any questions or concerns about any Select Board Goals that are relevant to the board/committee on which you are applying to serve?
[ ]Yes
[*1No

If you have any questions or concerns about any Select Board Goals that are relevant to the board/committee on which you are applying to serve, please elaborate.

none

Are there other Boards/ Committees in which you are interested? Note: To be appointed to a regulatory board or committee, you must be a full-time resident and registered voter in Truro. Please list the Boards/ Committees names:

not at present time

Briefly list your experience working on a committee or team. This can be professional, town, volunteer, charity, etc.

Currently serve on Walsh property committee Have serve on national non profit nursing board, served on

National Advisory Council for Nursing Education and Practice which provided advise to Congress, Served on

national Veterans Affairs Academic affiliation committee which advised education policies for VA

Briefly list any other relevant experience such as professional work, training, education, etc. A resume is NOT required. If you choose to attach a resume, it will become a public document.

Srves as Dean of Nursing aSchool and and Interim dean of Public Health which required teamwork at many levels, serving on the executive committee at the health science center

Signature

Eileen Breslin

Date

Sep 02, 2022

### Truro

### Application to Serve on a Board or Committee

RCVD 202245024 paGi20

ADMINISTRATIVE OFFICE

TOWN OF TRURO

**Last Name** 

Clark

**First Name** 

Morgan

Middle Initial

M

**Email Address** 

**Phone Number** 

Address (Street)

107 South Pamet Road

Address (City)

Truro

Address (State)

MA

Address (Zip Code)

02666

Mailing Address (Please indicate box number and zip code)

PO Box 1938, 02657

Only full-time, registered Truro voters are able to serve on regulatory boards and commissions. All taxpayers/ residents are eligible to serve on non-regulatory boards and commissions.

Are you a full-time resident of Truro?
[*] Yes
[ ] No
Are you registered to vote in Truro?
[*]Yes
[ ] No
What Board/ Committee Are You Applying For?
Walsh
Duiefly Departs Miley Very Miles 4e Com/e on This Depart on Committee.
Briefly Describe Why You Wish to Serve on This Board or Committee:
I have served since the formation of the committee and would like to continue to serve. I believe the real
work is just beginning.
Have you attended a meeting of the committee listed above?
[*] Yes
[ ] No
Have you read the charge of the committee?
[*] Yes
[ ] No
Have you met with the chair of the committee?
[*]Yes
[ ] No
Have you read the Select Board's current Goals and Objectives?
[*]Yes
[ ] No
Do you have any questions or concerns about any Select Board Goals that are relevant to
the board/committee on which you are applying to serve?
[ ]Yes
[*] No

If you have any questions or concerns about any Select Board Goals that are relevant to the board/committee on which you are applying to serve, please elaborate.

Are there other Boards/ Committees in which you are interested? Note: To be appointed to a regulatory board or committee, you must be a full-time resident and registered voter in Truro. Please list the Boards/ Committees names:

Not at this time. Certainly in the future.

Briefly list your experience working on a committee or team. This can be professional, town, volunteer, charity, etc.

In Truro I was previously on the Local Comprehensive Plan committee and the Internet / Cable Advisory

Board.

Briefly list any other relevant experience such as professional work, training, education, etc. A resume is NOT required. If you choose to attach a resume, it will become a public document.

Signature

Morgan Clark

Date

Aug 24, 2022

### Truro

### Application to Serve on a Board or Committee

Last Name Gaechter

ROUD 20229U029 940FUL

ADMINISTRATIVE OFFICE

TOWN OF TRUPO

First Name

Alfrred

Middle Initial

J

**Email Address** 

**Phone Number** 

Address (Street)

12 Cormorant Road

Address (City)

North Truro

Address (State)

Massachusetts

Address (Zip Code)

02652-0729

Mailing Address (Please indicate box number and zip code)

PO Box 729, 02652

Only full-time, registered Truro voters are able to serve on regulatory boards and commissions. All taxpayers/ residents are eligible to serve on non-regulatory boards and commissions.

Are you a full-time resident of Truro?
[*] Yes
[ ]No
Are you registered to vote in Truro?
[*] Yes
[ ] No
AND A DO LA CONTRACTOR OF THE
What Board/ Committee Are You Applying For?
Walsh Property Community Planning Committee
Briefly Describe Why You Wish to Serve on This Board or Committee:
Leurrently serve as Co-Chair of the Committee and wish to continue in that leadership position and to help
finalize a recommendation for ATM consideration. The Committee is working well together and should
remain intact to its conclusion.
Have you attended a meeting of the committee listed above?
[*] Yes
[ ] No
Have you read the charge of the committee?
[*]Yes
[ ] No
Have you met with the chair of the committee?
[*]Yes
[ ]No
Have you read the Select Board's current Goals and Objectives?
[*]Yes
[ ] No
Description of the second of t
Do you have any questions or concerns about any Select Board Goals that are relevant to the board/committee on which you are applying to serve?
[ ]Yes

[ \* ] No

If you have any questions or concerns about any Select Board Goals that are relevant to the board/committee on which you are applying to serve, please elaborate.

Are there other Boards/ Committees in which you are interested? Note: To be appointed to a regulatory board or committee, you must be a full-time resident and registered voter in Truro. Please list the Boards/ Committees names:

Briefly list your experience working on a committee or team. This can be professional, town, volunteer, charity, etc.

Co-Chair of this Committee; previous SB member and Chair, current member of the Board of Assessors and the Climate Action Committee; previous member of the Finance Committee, the Charter and Bylaws Review Committee, and the Conservation Commission. Previous Board member and President of Outer Cape Health Services. Current Chairman of the Truro Conservation Trust.

Briefly list any other relevant experience such as professional work, training, education, etc. A resume is NOT required. If you choose to attach a resume, it will become a public document.

In my professional life, chaired a Committee at the UN in Geneva for 10 years and a cellular industry international standards committee for 7 years.

**Signature** 

Alfred Gaechter

**Date** 

Aug 27, 2022

#### **Truro**

# Application to Serve on a Board or Committee

Last Name	RCUD 2022AU030 aut040
	ADMINISTRATIVE OFFICE
Gallo	TOWN OF TRURO
First Name	
Elizabeth (Betty)	
Middle Initial	
Email Address	
Phone Number	
Filone Rumber	
Address (Street)	
2 Pond Rd. Unit 2	
Address (City)	
Truro	
A 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
Address (State)  MA	
MA	
Address (Zip Code)	
02652	
Mailing Address (Please indicate box number and zip code)	
P.O. Box 1164, Truro, MA 02666	
Only full-time, registered Truro voters are able to serve on	
regulatory boards and commissions. All taxpayers/ residents are eligible to serve on	

non-regulatory boards and commissions.

Are you a full-time resident of Truro?
[*] Yes
[ ] No
Are you registered to vote in Truro?
[*]Yes
[ ]No
What Board/ Committee Are You Applying For?
Walsh Property Committee
Briefly Describe Why You Wish to Serve on This Board or Committee:
I have been serving on the Committee and was appointed as a replacement for Kevin Grunwall
Have you attended a meeting of the committee listed above?
[*] Yes
[ ] No
Have you read the charge of the committee?
[*] Yes
[ ] No
Have you met with the chair of the committee?
[*] Yes
[ ] No
Have you read the Select Board's current Goals and Objectives?
[*]Yes
[ ] No
Do you have any questions or concerns about any Select Board Goals that are relevant to the board/committee on which you are applying to serve?
[ ]Yes
[*] No

Are there other Boards/ Committees in which you are interested? Note: To be appointed to a regulatory board or committee, you must be a full-time resident and registered voter in Truro. Please list the Boards/ Committees names:

I am also Vice Chair of the Truro Housing Authority

Briefly list your experience working on a committee or team. This can be professional, town, volunteer, charity, etc.

I lobbied the CT General Assembly on behalf of non-profits and civil rights groups for 43 years. As part of that representation I served on numerous committees, related to their issues. Working collabertively was necessary to get legislation drafted and passed. I have been serving as Vice Chair of the THA. I have taken on the leadership of a number of projects as part of my work on the committee including rental assistance and the Housing Production Plan.

Briefly list any other relevant experience such as professional work, training, education, etc. A resume is NOT required. If you choose to attach a resume, it will become a public document.

**Signature** 

Date

Aug 30, 2022

ROUD 2022AU024 0A3151 ADMINISTRATIVE OFFICE TOWN OF TRURO

#### Truro

### Application to Serve on a Board or Committee

**Last Name** Howe **First Name** Susan Middle Initial **Email Address Phone Number** Address (Street) 12 Houser Way Address (City) Truro Address (State) MA Address (Zip Code) 02666 Mailing Address (Please indicate box number and zip code) PO Box 973 Only full-time, registered Truro voters are able to serve on

regulatory boards and commissions. All taxpayers/ residents are eligible to serve on

non-regulatory boards and commissions.

Are you a full-time resident of Truro?
[*] Yes
[ ]No
Analyza a mariatare dita resta in Transa?
Are you registered to vote in Truro?
[*] Yes
[ ]No
What Board/ Committee Are You Applying For?
Walsh Property
Briefly Describe Why You Wish to Serve on This Board or Committee:
I have been serving on this committee for two years and am invested in carrying out our mission.
Have you attended a meeting of the committee listed above?
[*]Yes
[ ]No
Have you read the charge of the committee?
[*]Yes
[ ] No
Have you met with the chair of the committee?
[*] Yes
[ ]No
Have you read the Select Board's current Goals and Objectives?
[*] Yes
[ ]No
• •
Do you have any questions or concerns about any Select Board Goals that are relevant to the board/committee on which you are applying to serve?
[*] Yes
[ ]No

Are there other Boards/ Committees in which you are interested? Note: To be appointed to a regulatory board or committee, you must be a full-time resident and registered voter in Truro. Please list the Boards/ Committees names:

Briefly list your experience working on a committee or team. This can be professional, town, volunteer, charity, etc.

I have been the chair of the Truro Commission on Disabilities for a number of years and serve on the CPC as well as the Walsh Property Committee. I am also the President of the Truro Historical Society. All of these groups involve working with a group to achieve goals.

Briefly list any other relevant experience such as professional work, training, education, etc. A resume is NOT required. If you choose to attach a resume, it will become a public document.

I am a Rehabilitation Counselor by profession and spent my career working with severely disabled adults and children. This work, too, required participating as a member of a team to help patients/clients achieve their goals.

**Signature** 

Susan Howe

Date

Aug 24, 2022

#### Truro

## Application to Serve on a Board or Committee

**Last Name** 

Jane

ROUD 2022/4/022 04/3/07

ADMINISTRATIVE OFFICE

TOWN OF TRURO

**First Name** 

Lea

**Middle Initial** 

Ĵ.

**Email Address** 

#### **Phone Number**

Address (Street)

17 South Hollow

Address (City)

North Truro

Address (State)

MA

Address (Zip Code)

02652

Mailing Address (Please indicate box number and zip code)

PO Box 1045, 02652

Only full-time, registered Truro voters are able to serve on regulatory boards and commissions. All taxpayers/ residents are eligible to serve on non-regulatory boards and commissions.

[*] Yes [ ] No  Are you registered to vote in Truro? [*] Yes [ ] No  What Board/ Committee Are You Applying For?  Walsh Property  Briefly Describe Why You Wish to Serve on This Board or Committee:  To continue on in the process.  Have you attended a meeting of the committee listed above? [*] Yes [ ] No  Have you read the charge of the committee?
Are you registered to vote in Truro?  [*] Yes  [ ] No  What Board/ Committee Are You Applying For?  Walsh Property  Briefly Describe Why You Wish to Serve on This Board or Committee:  To continue on in the process.  Have you attended a meeting of the committee listed above?  [*] Yes  [ ] No  Have you read the charge of the committee?
[*] Yes [ ] No  What Board/ Committee Are You Applying For?  Walsh Property  Briefly Describe Why You Wish to Serve on This Board or Committee:  To continue on in the process.  Have you attended a meeting of the committee listed above? [*] Yes [ ] No  Have you read the charge of the committee?
[*] Yes [ ] No  What Board/ Committee Are You Applying For?  Walsh Property  Briefly Describe Why You Wish to Serve on This Board or Committee:  To continue on in the process.  Have you attended a meeting of the committee listed above? [*] Yes [ ] No  Have you read the charge of the committee?
What Board/ Committee Are You Applying For?  Walsh Property  Briefly Describe Why You Wish to Serve on This Board or Committee:  To continue on in the process.  Have you attended a meeting of the committee listed above?  [*] Yes  [ ] No  Have you read the charge of the committee?
What Board/ Committee Are You Applying For?  Walsh Property  Briefly Describe Why You Wish to Serve on This Board or Committee:  To continue on in the process.  Have you attended a meeting of the committee listed above?  [*] Yes  [ ] No  Have you read the charge of the committee?
Briefly Describe Why You Wish to Serve on This Board or Committee:  To continue on in the process.  Have you attended a meeting of the committee listed above?  [*] Yes  [ ] No  Have you read the charge of the committee?
Briefly Describe Why You Wish to Serve on This Board or Committee:  To continue on in the process.  Have you attended a meeting of the committee listed above?  [*] Yes  [ ] No  Have you read the charge of the committee?
Briefly Describe Why You Wish to Serve on This Board or Committee:  To continue on in the process.  Have you attended a meeting of the committee listed above?  [*] Yes  [ ] No  Have you read the charge of the committee?
Briefly Describe Why You Wish to Serve on This Board or Committee:  To continue on in the process.  Have you attended a meeting of the committee listed above?  [*] Yes  [ ] No  Have you read the charge of the committee?
Briefly Describe Why You Wish to Serve on This Board or Committee:  To continue on in the process.  Have you attended a meeting of the committee listed above?  [*] Yes  [ ] No  Have you read the charge of the committee?
To continue on in the process.  Have you attended a meeting of the committee listed above?  [*] Yes  [ ] No  Have you read the charge of the committee?
Have you attended a meeting of the committee listed above?  [*] Yes  [ ] No  Have you read the charge of the committee?
[*] Yes [ ] No Have you read the charge of the committee?
[*] Yes [ ] No Have you read the charge of the committee?
[ ] No Have you read the charge of the committee?
Have you read the charge of the committee?
[*] Yes
[ ] No
Have you met with the chair of the committee?
[*] Yes
[ ]No
Have you read the Select Board's current Goals and Objectives?
[*]Yes
[ ] No
Do you have any questions or concerns about any Select Board Goals that are relevant to the board/committee on which you are applying to serve?
[ ]Yes
[*]No

Are there other Boards/ Committees in which you are interested? Note: To be appointed to a regulatory board or commitee, you must be a full-time resident and registered voter in Truro. Please list the Boards/ Committees names:

Briefly list your experience working on a committee or team. This can be professional, town, volunteer, charity, etc.

Highland Affordable Housing, UUMH BOD, Cape Mediation Board.

Briefly list any other relevant experience such as professional work, training, education, etc. A resume is NOT required. If you choose to attach a resume, it will become a public document.

Mediation training

Signature

Jane J. Lea

Date

Aug 20, 2022

#### Truro

# Application to Serve on a Board or Committee

Last Name	
Markowski	
	ROVD 2022AU625 94G419 ADMINISTRATIVE OFFICE
First Name	TOWN OF TRURO
Christine	
Middle Initial	
Email Address	
Phone Number	
Address (Oders)	
Address (Street) 28 Noons Dr.	
26 NOONS Dr.	
Address (City)	
North Truro	
Address (State)	
MA	
Address (Zip Code)	
02652	
Mailing Address (Please indicate box number and zip code)	
P.O. Box 1193 02666	
Only full-time, registered Truro voters are able to serve on	

non-regulatory boards and commissions.

regulatory boards and commissions. All taxpayers/ residents are eligible to serve on

Are you a full-time resident of Truro?
[*]Yes
[ ]No
Are you registered to vote in Truro?
[*]Yes
[ ]No
What Board/ Committee Are You Applying For?
Walsh Committee
Briefly Describe Why You Wish to Serve on This Board or Committee:
I have served on this Committee since 2020 and would like to continue to serve.
Have you attended a meeting of the committee listed above?
[*] Yes
[ ]No
Have you read the charge of the committee?
[*] Yes
[ ] No
Have you met with the chair of the committee?
[*]Yes
[ ] No
Have you read the Select Board's current Goals and Objectives?
[ * ] Yes
[ ] No
Do you have any questions or concerns about any Select Board Goals that are relevant to the board/committee on which you are applying to serve?
[ ]Yes
[*] No

Are there other Boards/ Committees in which you are interested? Note: To be appointed to a regulatory board or committee, you must be a full-time resident and registered voter in Truro. Please list the Boards/ Committees names:

Briefly list your experience working on a committee or team. This can be professional, town, volunteer, charity, etc.

Director of nonprofit, Project 10 East, 1996-2002 Board member PFLAG Boston, GLSEN Boston, Campaign to End Homophobia (1996-2006) Currently a committee member of Friends of Truro Library

Briefly list any other relevant experience such as professional work, training, education, etc. A resume is NOT required. If you choose to attach a resume, it will become a public document.

Worked for The Food Project, Lincoln MA Worked for Essex Community Foundation Editor, Harvard Law School (1994-2006)

**Signature** 

Christine Markowski

**Date** 

Aug 25, 2022

#### Truro

# Application to Serve on a Board or Committee

Last Name	
Milan	ROUD 2022SEP1 548415 ADMINISTRATIVE OFFICE
First Name	TOWN OF TRURO
Craig	
Middle Initial	
Email Address	
Phone Number	
Tione Rumber	
Address (Street)	
15 Quail Ridge Rd/1310	
Address (City)	
Truro	
Address (State)	
Address (State)  MA	
···	
Address (Zip Code)	
02666	
Mailing Address (Please indicate box number and zip code)	

Only full-time, registered Truro voters are able to serve on

non-regulatory boards and commissions.

regulatory boards and commissions. All taxpayers/ residents are eligible to serve on

Are you a full-time resident of Truro?
[ ]Yes
[*] No
Are you registered to vote in Truro?
[ ]Yes
[*] No
What Board/ Committee Are You Applying For?
Walsh property committe
valor property committee
Briefly Describe Why You Wish to Serve on This Board or Committee:
To help develop a plan for the usage of the parcel that meets the needs of most residents
Have you attended a meeting of the committee listed above?
[ ]Yes ·
[*] No
Have you read the charge of the committee?
[ ]Yes
[*] No
Have you met with the chair of the committee?
[ ]Yes
[*] No
Have you read the Select Board's current Goals and Objectives?
[ ]Yes
[*] No
Do you have any questions or concerns about any Select Board Goals that are relevant to the board/committee on which you are applying to serve?
[ ]Yes
[*]No

Are there other Boards/ Committees in which you are interested? Note: To be appointed to a regulatory board or committee, you must be a full-time resident and registered voter in Truro. Please list the Boards/ Committees names:

Briefly list your experience working on a committee or team. This can be professional, town, volunteer, charity, etc.

I have been on this committee since it's inception.

Briefly list any other relevant experience such as professional work, training, education, etc. A resume is NOT required. If you choose to attach a resume, it will become a public document.

Senior corporate executive

**Signature** 

Craig Milan

Date

Aug 31, 2022

**Consent Agenda Item: 8B10** 

#### **Truro**

### Application to Serve on a Board or Committee

RCUD 2022/40025 94/3/04 **Last Name** ADMINISTRATIVE OFFICE Oxtoby YOUR TOURS **First Name** Kenneth Middle Initial В **Email Address Phone Number** Address (Street) 12 Glacier drive Address (City) Truro Address (State) MA Address (Zip Code) 02666 Mailing Address (Please indicate box number and zip code) PO Box 30; 02666 Only full-time, registered Truro voters are able to serve on regulatory boards and commissions. All taxpayers/ residents are eligible to serve on

non-regulatory boards and commissions.

Are you a full-time resident of Truro?
[*] Yes
[ ] No
Are you registered to vote in Truro?
[*]Yes
[ ] No
What Board/ Committee Are You Applying For?
Walsh Committee
Briefly Describe Why You Wish to Serve on This Board or Committee:
Reappointment: would like to continue with the process at hand
Have you attended a meeting of the committee listed above?
[*] Yes
[ ] No
Have you read the charge of the committee?
[*] Yes
[ ] No
Have you met with the chair of the committee?
[*] Yes
[ ] No
Have you read the Select Board's current Goals and Objectives?
[*] Yes
[ ] No
Do you have any questions or concerns about any Select Board Goals that are relevant to the board/committee on which you are applying to serve?
[ ]Yes
[*] No

Are there other Boards/ Committees in which you are interested? Note: To be appointed to a regulatory board or committee, you must be a full-time resident and registered voter in Truro. Please list the Boards/ Committees names:

No

Briefly list your experience working on a committee or team. This can be professional, town, volunteer, charity, etc.

Current Walsh committee member. Have served 24 years total on the Truro school committee. Member for 23 years on the Truro Fire Department

Briefly list any other relevant experience such as professional work, training, education, etc. A resume is NOT required. If you choose to attach a resume, it will become a public document.

Signature

Kenneth B Oxtoby

Date

Aug 25, 2022

Consent Agenda Item: 8B11

RCUD 202255P20 947:55

#### Truro

# Application to Serve on a Board or Committee

Last Name	ADMINISTRATIVE OFFICE
Rein Bosworth	TOWN OF TRURO
First Name	
Violet	
Middle Initial	
S	
Email Address	
Phone Number	
Address (Street)	
21 Holsbery rd	
Address (City)	
Truro	
Address (State)	
Massachusetts	
Address (Zip Code)	
02666	
Mailing Address (Please indicate box number and zip code)	
po box 688 02666 Truro, Ma	
Only full-time, registered Truro voters are able to serve on	
regulatory boards and commissions. All taxpayers/ residents are eligible to serve on	

non-regulatory boards and commissions.

Are you a full-time resident of Truro?
[*] Yes
[ ]No
Are you registered to vote in Truro?
[ ]Yes
[*] No
What Board/ Committee Are You Applying For?
Walsh Property Community Planning Committee
Briefly Describe Why You Wish to Serve on This Board or Committee:
I want to serve on this board because I want to help choose what is going to be on the Walsh property. I
believe the younger people should get their voice heard, so that is what I am doing.
Have you attended a meeting of the committee listed above?
[*]Yes
[ ]No
Have you read the charge of the committee?
[*] Yes
[ ] No
Have you met with the chair of the committee?
[ ]Yes
[*] No
Have you read the Select Board's current Goals and Objectives?
[*]Yes
[ ]No
Do you have any questions or concerns about any Select Board Goals that are relevant to
the board/committee on which you are applying to serve?
[ ]Yes
[*] No

none

Are there other Boards/ Committees in which you are interested? Note: To be appointed to a regulatory board or committee, you must be a full-time resident and registered voter in Truro. Please list the Boards/ Committees names:

I am interested in continuing to be on the WPCPC.

Briefly list your experience working on a committee or team. This can be professional, town, volunteer, charity, etc.

I have been on the WPCPC as a student liaison since February I believe. I am also the vice president of my junior class.

Briefly list any other relevant experience such as professional work, training, education, etc. A resume is NOT required. If you choose to attach a resume, it will become a public document.

I am in the green club so I am involved in keep the earth clean and sustainable, which is important in the building and planning of the Walsh Property. I am an involved student, so I can get to know the thoughts and ideas of my peers.

Signature

Violet Rein Bosworth

**Date** 

Sep 19, 2022

**Consent Agenda Item: 8B12** 

#### **Truro**

# Application to Serve on a Board or Committee

Last Name	
Schwebel	
First Name	
Robert	RCUD 202255P1 am8:31
	KCON SPACEL HWG-9 (
Middle Initial	ADMINISTRATIVE OFFICE
T	TOWN OF TRURO
	7,407, 41,4474
Email Address	
Phone Number	
Address (Street)	
5 Alden circle	
Address (City)	
Address (City) North Truro	
Notul Traio	
Address (State)	
ma	
Address (Zip Code)	
02652	
Mailing Address (Please indicate box number and zip code)	
po box 618 Truro Ma. 02666	
Only full-time, registered Truro voters are able to serve on	
regulatory boards and commissions. All taxpayers/ residents are eligible to serve on	

non-regulatory boards and commissions.

Are you a full-time resident of Truro?
[*] Yes
[ ]No
Are you registered to vote in Truro?
[*] Yes
[ ] No
What Board/ Committee Are You Applying For?
Walsh comittee
Traisi osimios
Briefly Describe Why You Wish to Serve on This Board or Committee:
I want to help Truro get more affordable housing
Have you attended a meeting of the committee listed above?
[*]Yes
[ ] No
Have you read the charge of the committee?
[*]Yes
[ ] No
Have you met with the chair of the committee?
[*]Yes
[ ] No
Have you read the Select Board's current Goals and Objectives?
[*]Yes
[ ]No
Do you have any questions or concerns about any Select Board Goals that are relevant to the board/committee on which you are applying to serve?
[ ]Yes
[*]No

Are there other Boards/ Committees in which you are interested? Note: To be appointed to a regulatory board or committee, you must be a full-time resident and registered voter in Truro. Please list the Boards/ Committees names:

Briefly list your experience working on a committee or team. This can be professional, town, volunteer, charity, etc.

Truro Historic committee Truro recreation committee

Briefly list any other relevant experience such as professional work, training, education, etc. A resume is NOT required. If you choose to attach a resume, it will become a public document.

mediator training

Signature

R todd Schwebel

Date

Sep 01, 2022

#### Truro

### Application to Serve on a Board or Committee

**Last Name** 

Wisotzky

**First Name** 

Paul

ROVD 2022AU019 av0403 ADMINISTRATIVE OFFICE TOWN OF TRURO

**Middle Initial** 

**Email Address** 

#### **Phone Number**

Address (Street)

2 Blueberry Lane

Address (City)

Truro

Address (State)

MA

Address (Zip Code)

02666

Mailing Address (Please indicate box number and zip code)

PO Box 1194 - 02666

Only full-time, registered Truro voters are able to serve on regulatory boards and commissions. All taxpayers/ residents are eligible to serve on non-regulatory boards and commissions.

Are you a full-time resident of Truro?
[*] Yes
[ ] No
Are you registered to vote in Truro?
[*] Yes
[ ] No
What Board/ Committee Are You Applying For?
Walsh Property Community Planning Committee
waish Property Community Flamming Communes
Briefly Describe Why You Wish to Serve on This Board or Committee:
I would like to continue my service on this committee in order to complete our charge of producing a master
plan for the property to be presented to voters at ATM.
Have you attended a meeting of the committee listed above?
[*]Yes
[ ] No
Have you read the charge of the committee?
[*]Yes
[ ] No
Have you met with the chair of the committee?
[*] Yes
[ ]No
Have you read the Select Board's current Goals and Objectives?
[*] Yes
[ ] No
Do you have any questions or concerns about any Select Board Goals that are relevant to the board/committee on which you are applying to serve?
[ ]Yes
[*] No

Are there other Boards/ Committees in which you are interested? Note: To be appointed to a regulatory board or committee, you must be a full-time resident and registered voter in Truro. Please list the Boards/ Committees names:

Briefly list your experience working on a committee or team. This can be professional, town, volunteer, charity, etc.

Current co-chair of the WPCPC. Current Governor's Appointee to the Truro Housing Authority. Current Vice-Chair of the Truro Conservation Trust. Various prior public service to the Town of Truro including six years on the Select Board with three as Chair.

Briefly list any other relevant experience such as professional work, training, education, etc. A resume is NOT required. If you choose to attach a resume, it will become a public document.

Prior to my current profession as a studio potter and educator, I worked with non profits, philanthropy and government as a consultant providing research, planning, governance and facilitation services.

**Signature** 

Paul Wisotzky

Date

Aug 19, 2022

#### Truro

### Application to Serve on a Board or Committee

Last Name Wynne

**First Name** 

Steven

Middle Initial

M

**Email Address** 

RCVD 20225576 am3/13

ADMINISTRATIVE OFFICE
TOWN OF TRURO

Phone Number

**Address (Street)** 

8 Short Lots Lane

Address (City)

Truro

Address (State)

MA

Address (Zip Code)

02666

Mailing Address (Please indicate box number and zip code)

210 Willow Brook Drive, Wayland, MA 01778

Only full-time, registered Truro voters are able to serve on regulatory boards and commissions. All taxpayers/ residents are eligible to serve on non-regulatory boards and commissions.

Are you a full-time resident of Truro?  [ ] Yes
[*] No
Are you registered to vote in Truro?
[ ] Yes
[*] No
What Board/ Committee Are You Applying For?
Walsh Property Community Planning Committee
Briefly Describe Why You Wish to Serve on This Board or Committee:
My husband and I have been part-time residents of Truro since 2003 - and we enjoy every moment we
spend in this beautiful rural community. I am very conscious of the importance of Truro protecting its rural
character when considering appropriate development. So I am very interested in how the Walsh property.
the largest parcel of land the Town as purchased in decades, will be developed. It is why I first applied to
become a member of the Walsh Property Community Planning Committee, and why I wish to serve another
term. The Committee has done great work up to his point. We have worked together, collaborating with
Town representatives and outside consultants, in building a consensus for potential uses for the Walsh
property including housing, conservation, and recreation. I would very much like to see this work through to
its conclusion.
Have you attended a meeting of the committee listed above?
[*]Yes
[ ]No
Have you read the charge of the committee?
[*] Yes
[ ]No
Have you met with the chair of the committee?
[*]Yes
[ ]No

Have you read the Select Board's current Goals and Objectives?
[*] Yes
[ ] No
Do you have any questions or concerns about any Select Board Goals that are relevant to the board/committee on which you are applying to serve?
[ ]Yes
[*] No
If you have any questions or concerns about any Select Board Goals that are relevant to the board/committee on which you are applying to serve, please elaborate.
<u>n/a</u>

Are there other Boards/ Committees in which you are interested? Note: To be appointed to a regulatory board or committee, you must be a full-time resident and registered voter in Truro. Please list the Boards/ Committees names:

<u>n/a</u>

Briefly list your experience working on a committee or team. This can be professional, town, volunteer, charity, etc.

My husband and I are residents and registered voters in Wayland, MA. We own a townhouse condominium and I have served on our association's five member Board of Trustees for nine years. It has given me broad and deep experience as to how a board can best serve a diverse community well, making necessary decisions as fiscally responsible leaders, but always being open to community feedback. Since 2019, we have had an ongoing building envelope \$7.5M construction project that has tested our community's faith in the work we do contracting with construction engineers, consultants, and financial institutions. To date, each step of the project has been successfully completed. For the past 18 months, I have also served as a member of Wayland's Human Rights, Diversity, Equity, and Inclusion Committee (HRDEIC) â€" an ad-hoc committee to our Select Board - structured in a similar way to the Walsh Property Community Planning Committee. Working with 9 voting members, 4 non-voting members including two high school students, has opened my eyes to the constant need to ensure all individuals in Wayland enjoy equal opportunity to participate in Town affairs and equal access to Town services. HRDEIC members are responsible for receiving complaints regarding unequal treatment or discrimination. We meet regularly with our Select Board and recommend policies to further the goals of equal treatment, opportunity, and access for everyone throughout Wayland. The work is sometimes challenging, but always rewarding.

Briefly list any other relevant experience such as professional work, training, education, etc. A resume is NOT required. If you choose to attach a resume, it will become a public document.

I have had extensive experience in learning and development, marketing communications, and financial services. A copy of my resume is attached.

#### **Signature**

Steven M. Wynne

#### Date

Sep 02, 2022

Consent Agenda Item: 8B15

#### **Noelle Scoullar**

From:

FRED GAECHTER

Sent:

Monday, August 29, 2022 2:10 PM

To:

Noelle Scoullar

Cc:

Paul Wisotzky Business

Subject:

Reappointment Response

Hi Noelle,

This is the response that Paul and I would like to be used for all of the reappointment applications for the Walsh Committee:

"We support and recommend the reappointment of all the current members of the Ad Hoc Walsh Property Community Planning Committee who wish to be reappointed. Each member has contributed, in their own way, to the work of the Committee, The Committee has worked well together and has progressed the work to a point where our task should be complete within 12 months. To disrupt the work of the Committee at this point with new members would seriously impede our progress.

Thank you, Fred Gaechter and Paul Wisotzky Co- Chairs"

#### Thanks,

#### Fred & Paul

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

### Truro Select Board Work Session Tuesday, September 23, 2021 Truro Community Center- 7 Standish Way

Select Board Members Attending: Robert Weinstein-Chair, Kristen Reed-Vice-Chair, Susan Areson-Clerk, Stephanie Rein, John Dundas

Regrets: None

**Attending:** Town Manager Darrin Tangeman, Assistant Town Manager Kelly Clark, Town Planner and Land Use Counsel Barbara Carboni, Police Chief Jamie Calise, Fire Chief Tim Collins, Facilitator Paul Wisotzky

Chair Weinstein called the work session of the Truro Select Board to order at 1:07 pm. He noted the Select Board's Work Session policy and that public comment would not be heard in accordance with the policy. He then turned the meeting over to Paul Wisotzky, the facilitator of the Select Board's Goals & Objectives setting process.

### Discuss and Finalize Draft Values FY2022 Goals & Objectives

Facilitator Wisotzky recapped the progress made to date and where the group left off in goal and objective setting at the last meeting. The group word smithed and finalized the language for the goals and objectives prepared to date and Board members presented the language they prepared for the specific objectives they committed to preparing. Member Dundas provided objectives on digitization and cybersecurity and on recharging the aquifer. Clerk Areson provided an objective on civility. Chair Weinstein presented an objective on moving forward with the construction of a new Public Works facility. Member Rein presented objectives on childcare, senior care and climate action planning. Vice-Chair Reed provided language on an objective related to expanding access to broadband.

The group also spent some time trying to find a way to make the goals easy to remember through an acronym or other mnemonic device.

### **Prioritize Draft Objectives**

A prioritization matrix was provided to the Board and Town Manager Tangeman explained how prioritization could be determined by the Board. There was consensus from the Board on the way prioritization would be established and it was determined that Town Manager Tangeman would send an electronic survey to the Board to determine prioritization of the objectives.

A plan for next steps was established.

#### Adjournment

Select Board Chair Weinstein asked for a motion to adjourn. Clerk Areson moved to adjourn the Work Session at 3:40 pm. Member Rein seconded. All in favor. Motion passes.

Respectfully submitted,

Kelly Clark, Assistant Town Manager

Darrin Tangeman, Town Manager Under the Authority of the Truro Select Board

### Truro Select Board Tuesday, June 28, 2022 Remote Meeting

**Select Board Members Attending:** Kristen Reed-Chair, Robert Weinstein-Vice-Chair, John Dundas-Clerk, Stephanie Rein, Susan Areson

**Board of Health Members Attending:** Tracey Rose-Chair, Jason Silva-Vice-Chair, Member Helen Grimm **Attending:** Town Manager Darrin Tangeman, Assistant Town Manager Kelly Clark, Town Planner and Land Use Counsel Barbara Carboni, Health/ Conservation Agent Emily Beebe, Public Works Director Jarrod Cabral, Assistant Health/ Conservation Agent Courtney Warren, Assistant Health/ Conservation Agent Arozana Davis, Harbormaster/ Shellfish Warden Tony Jackett, Recreation / Beach Director & Interim COA Director Damion Clements, Principal Assessor Jon Nahas, Water Resources Consultant Scott Horsley, Tim Pasakarnis, Anne Greenbaum, Amy Wolff, Carol Harris, Carol Girard-Irwin, Cheryl Best, Chris Lucy, Clinton Kershaw, Debi Parker, William Golden, Brian Boyle, Ginny Fraizer, Jack Reimer, Joan Holt, Karen Ruyman, Marie Belding, Michael Cohen, Nancy Medoff, Paul Kiernan, Rich Roberts, Caitlin Townsend, Nora Markey (Provincetown Independent)

Chair Kristen Reed called the regular meeting of the Truro Select Board to order at 5:00 pm. She reviewed the meeting login instructions, introduced her colleagues and staff, and invited Health/ Conservation Agent Emily Beebe to make a public announcement. Health/ Conservation Agent notified the public of changes to the rental registration process related to water sampling. She also noted that cyanobacteria was identified in Snow Pond.

#### **Public Comment**

Chair Reed invited public comment. No public comments were made.

#### JOINT MEETING WITH TRURO BOARD OF HEALTH

Board of Health Meeting Called to Order.

Chair Reed invited Board of Health Chair Tracey Rose to convene the meeting of the Board of Health. Chair Rose convened the meeting of the Board of Health at 5:10 pm and introduced present members: Vice-Chair Jason Silva and Member Helen Grimm.

#### Presentation and Discussion on Stormwater Management and Regulations

Town Planner and Land Use Counsel Barbara Carboni introduced Water Resources Consultant Scott Horsley and Waer Resource Analyst for Cape Cod Commission Tim Pasakarnis. Consultant Horsley provided a Powerpoint presentation on stormwater management and regulations. His presentation reviewed effects of stormwater runoff pollutant, nitrogen and pathogen sources and their contribution to pollution, storm intensity in the northeast United States and how that impacts stormwater in our area, planning and zoning implications of stormwater management, and key mitigation measures. Questions were posed to Consultant Horsley regarding how to get the State and Federal governments to be involved in Truro's efforts, a question specific to Pond Village, and a question about the availability of grant funding.

Public Works Director Jarrod Cabral provided information on the current management of stormwater and catch basins and how major environmental projects in Truro take stormwater into consideration. Further comment regarding Department of Transportation's lack of responsiveness was made and discussed.

Vice-Chair Weinstein highlighted the MPO meetings and public hearings and invited the public to get involved to encourage stormwater mitigation efforts be considered during hearings.

Board of Health Chair Tracey Rose asked for a motion to adjourn. Vice-Chair Silva so moved. Member Helen Grimm seconded. Roll Call: J. Silva, Aye; Helen Grimm, Aye; Tracey Rose, Aye.

Board of Health Meeting adjourned at 6:10 pm.

#### **Introduction to New Employees**

Health/ Conservation Agent Beebe introduced new Assistant Health/ Conservation Agent Courtney Warren, PhD. Assistant Agent Warren greeted the Board and provided further information about herself.

#### **Board/Committee/Commission Appointments**

Charter Review Committee

Chair Reed noted that one of the three open seats will be a one-year appointment to ensure that terms are staggered. She invited each of the five applicants to introduce themselves:

Cheryl Best

Michael Cohen

William Golden

Christopher Lucy

Raphael Richter

Board members asked questions of the applicants to which the applicants responded.

Member Rein moved to appoint Christopher Lucy to the Charter Review Committee for a three-year term expiring June 30, 2025. Clerk Dundas seconded. R. Weinstein, Aye; J. Dundas, Aye; S. Areson, Aye; S. Rein, Aye; K. Reed, Aye. Motion carries.

Vice-Chair Weinstein moved to appoint Raphael Richter to the Charter Review Committee for a three-year term expiring June 30, 2025. Member Rein seconded. Roll Call: R. Weinstein, Aye; J. Dundas, Aye; S. Areson, Aye; S. Rein, Aye; K. Reed, Aye. Motion carries.

Vice-Chair Weinstein moved to appoint Michael Cohen to the Charter Review Committee for a one-year term expiring June 30, 2023. Member Rein seconded. Roll Call: R. Weinstein, Aye; J. Dundas, Aye; S. Areson, Abstain; S. Rein, Aye; K. Reed, Aye. Motion carries.

#### Zoning Board of Appeals

Chair Reed noted the three seats available on the Zoning Board of Appeals. She invited each of the three applicants to introduce themselves:

Ginny Frazier

Christopher Lucy

Nancy Medoff

Board members asked questions of the applicants to which the applicants responded.

Member Rein moved to appoint Chris Lucy to the Zoning Board of Appeals as a Full member with a three-year term which expires June 30, 2025. Clerk Dundas seconded. Roll Call: R. Weinstein, Aye, J. Dundas, Aye; S. Areson, Aye; Stephanie Rein, Aye; K. Reed, Aye. Motion carries.

Vice-Chair Weinstein moved to appoint Ginny Fraizer to the Zoning Board of Appeals as a Full member of an unexpired three-year term which expires June 30, 2023. Clerk Dundas seconded. Roll Call: R. Weinstein, Aye, J. Dundas, Aye; S. Areson, Aye; Stephanie Rein, Aye; K. Reed, Aye. Motion carries.

Member Areson moved to appoint Nancy Medoff to the Zoning Board of Appeals as an Alternate member with a one-year term which expires June 30, 2023. Clerk Dundas seconded. Roll Call: R. Weinstein, Aye, J. Dundas, Aye; S. Areson, Aye; Stephanie Rein, Aye; K. Reed, Aye. Motion carries.

#### Board of Assessors

Chair Reed noted there is one applicant for one seat available on the Board of Assessors. She invited Caitlin Townsend to introduce herself and Board members asked questions of the applicant and the applicant responded.

Member Rein moved to appoint Caitlin Townsend to the Board of Assessors for a three-year term expiring June 30, 2025. Vice-Chair Weinstein seconded. Roll Call: R. Weinstein, Aye, J. Dundas, Aye; S. Areson, Aye; Stephanie Rein, Aye; K. Reed, Aye. Motion passes.

#### Conservation Commission

Chair Reed noted the three seats available on the Conservation Commission. She invited each of the four applicants to introduce themselves:

Carol Girard-Irwin

Clinton Kershaw

Diane Messinger

Amy Wolff

Board members asked questions of the applicants to which the applicants responded. There was some discussion about Ms. Wolff's short tenure on the Commission and the fact that the Chair of the Commission did not provide an endorsement for the candidate and questions about her ability to work respectfully. Ms. Wolff withdrew her application at the end of her interview. Carol Harris, Chair of the Climate Action Committee, commented on a conversation that she had with Clinton Kershaw where she reported Mr. Kershaw made negative statements about Health & Conservation Agent Emily Beebe. Ms. Harris expressed her concerns about his ability to serve on a commission that Agent Beebe staffs. Chair Reed noted that she received a letter from Larry Lown but stated that the Board does not read letters into the record and offered that he could come to read it at a subsequent meeting.

Member Areson moved to appoint Carol Girard-Irwin to the Conservation Commission as a Full member with a three-year term which expires June 30, 2025. Clerk Dundas seconded. Roll Call: R. Weinstein, Aye, J. Dundas, Aye; S. Areson, Aye; Stephanie Rein, Aye; K. Reed, Aye. Motion passes.

Vice-Chair Weinstein moved to appoint Diane Messinger to the Conservation Commission as a Full member with a three-year term which expires June 30, 2025. Member Areson seconded. Roll Call: R. Weinstein, Aye, J. Dundas, Aye; S. Areson, Aye; Stephanie Rein, Aye; K. Reed, Aye. Motion passes.

Member Areson moved to appoint Clinton Kershaw to the Conservation Commission as a Full member with a three-year term which expires June 30, 2025. Clerk Dundas seconded. Roll Call: R. Weinstein, Abstain; J. Dundas, Aye; S. Areson, Aye; S. Rein, Nay; K. Reed, Nay. Motion fails.

#### **Staff/Committee Updates**

Staff Update: Briefing on Reorganization of Council on Aging and Recreation/Beach Departments to Community Services Department

Town Manager Tangeman briefed the Board and the community on the reorganization of the Council on Aging and Recreation/ Beach Departments to a unified Community Services Department. His presentation highlighted the new departmental organizational structure and the ways this reorganization will benefit the community.

There were no questions from the Board. Joan Holt provided a comment that she is opposed to the reorganization and then began speaking about a concentration of control and democracy before the Chair informed her that the comments needed to remain germane to the agenda item. Vice-Chair Weinstein responded to the reorganization and expressed his support for the reorganization. Member Areson expressed her sensitivity to Ms. Holt's comment and wanted more of a conversation at a public meeting of the Council on Aging Board. Chair Reed cited the roles of the Board and the Town Manager.

#### **Approval of Sales Price for Ice Sales**

Harbormaster Jackett and Recreation & Beach Director and Interim COA Director Damion Clements provided a request to the Board to set the sales price for five- and eleven- pound bags of ice.

Clerk Dundas moved to set the sales price for pre-packaged bags of ice at \$3.00 for five-pound bags of ice and \$6.00 for eleven-pound bags of ice. Vice-Chair Weinstein seconded. Roll Call: R. Weinstein, Aye, J. Dundas, Aye; S. Areson, Aye; Stephanie Rein, Aye; K. Reed, Aye. *Motion passes*.

#### **Consent Agenda**

Member Areson had editorial changes to the letter to graduates included in the packet.

Vice-Chair Weinstein moved to approve the consent agenda as printed with the exception of editural changes to Item 2: Letter to High School Graduates. Clerk Dundas seconded. Roll Call: R. Weinstein, Aye, J. Dundas, Aye; S. Areson, Aye; Stephanie Rein, Aye; K. Reed, Aye. Motion passes.

- A. Review/Approve and Authorize signature:
  - 1. Truro Center for the Arts; Application for One Day Pouring License and Applications for Entertainment License.
  - 2. Truro High School Graduate Letter
- B. Review and Approve Appointment Renewals:
  - 1. Bike and Walkways Committee: Eric Mays
  - 2. Cable and Internet Advisory Committee: Mary Abt
  - 3. Climate Action Committee: Rebecca Bruyn, Fred Gaechter, Carol Harris, Robert Higgins-Steele
  - 4. Commission on Disabilities: Mary Abt, Susan Howe
  - 5. Council on Aging Board: Susan Girard-Irwin, Daniel Schreiner
  - 6. Historical Commission: David Kirchner, Charles Steinman, Katherine Black
  - 7. Human Services Committee: Martin Thomas
  - 8. Shellfish Advisory Committee: Nicholas Brown, Stephen Wisbauer
  - 9. Truro Cultural Council: Sharon Stahl, Lenore Tenenblatt
  - 10. Truro Board of Assessors: Fred Gaechter
- C. Review and Approve 2022 Seasonal Business Licenses: None
- D. Review and Approve Select Board Minutes: None

#### **Select Board Comments**

Vice-Chair Weinstein thanked Member Areson for her careful reading and through review of materials. Member Areson noted that the Local Comprehensive Plan Committee elected new officers and thanked Chris Clark for his service as chair for the past three years. She also asked about a returned burn permit fee and Town

Manager Tangeman provided an explanation about the getting the proper fee amount approved. Member Rein thanked all of the applicants to the various boards and committees and requested that the Board consider making the Recreation Advisory Committee a seven-seat committee at a future meeting. Chair Reed requested that Bang the Table be activated as soon as possible so the public can provide comment and be heard.

#### **Town Manager Comments**

Town Manager Tangeman had no comments but reviewed the upcoming agenda.

### Adjournment

Select Board Chair Reed asked for a motion to adjourn. Vice-Chair Weinstein moved to adjourn the meeting at 8:34 pm. All in favor. Motion passes.

Respectfully submitted,

Kelly Clark, Assistant Town Manager

Darrin Tangeman, Town Manager Under the Authority of the Truro Select Board

### Truro Select Board Tuesday, July 12, 2022 Remote Meeting

Select Board Members Attending: Kristen Reed-Chair, Robert Weinstein-Vice-Chair, Stephanie Rein, Susan

Areson

Regrets: John Dundas-Clerk

Attending: Town Manager Darrin Tangeman, Assistant Town Manager Kelly Clark, Town Planner and Land Use Counsel Barbara Carboni, Public Works Director Jarrod Cabral, Harbormaster/ Shellfish Warden Tony Jackett, Recreation / Beach Director & Interim COA Director Damion Clements, Bob Higgins-Steele, Deputy Chief Craig Danziger, Robert Panessiti, Rebecca Bruyn, Town Moderator Monica Kraft, Amy Wolff, Brian Boyle, IT Director David Wennerberg, Finance Director: Treasurer/ Collector Alex Lessin, Jack Reimer, Anne Greenbaum, Carol Harris, Helen McNeil-Ashton, Georgia Neill, Library Director Tricia Ford, Fred Gaechter, Joan Holt

Chair Kristen Reed called the regular meeting of the Truro Select Board to order at 5:00 pm. She reviewed the meeting login instructions and introduced her colleagues, the Town Moderator and staff.

#### **Public Comment**

Chair Reed invited public comment. Helen McNeil-Ashton commented on the lack of reproductive healthcare services and abortion services on the Cape and requested that the Select Board add an agenda item to encourage Cape Cod Healthcare to address the lack of services. Vice-Chair Robert Weinstein remarked about the passing of Sebastian "Sibby" Davis. Board Member Susan Areson echoed Vice-Chair Weinstein's remarks and then spoke to the lack of civility in the community and particularly at the 2022 Annual Town Meeting. Anne Greenbaum commented on the recent appointment process for the vacancies on the Charter Review Committee and the absence of discussion of the merits of the candidates.

#### **Staff/Committee Updates**

#### Climate Action Committee Report

Climate Action Committee Chair Carol Harris provided an update on the work of the Climate Action Committee addressing membership, goals, accomplishments, and requests to the Select Board. Chair Harris responded to Vice-Chair Weinstein's question about the proposed "Climate Change Agent." Member Areson noted the integration of climate work in the current staff work and suggested that aggregating all of the work that is being done would be helpful. Chair Reed thanked Ms. Harris for her work and offered a few process-related suggestions to assist the Committee in their work.

#### Staff Update: Town Manager Update on Attorney General's Approval of Town Meeting Articles

Town Manager Tangeman updated the Board on the Attorney General's review of Charter Amendment Articles 35, 36, 37, 39, and 41. Article 36 was not approved by the Attorney General and Town Counsel provided some recommendations for how to move forward in the future.

#### **Public Hearings**

#### Public Meeting on Select Board's Goals & Objectives

Chair Reed opened the public hearing on Select Board Goals & Objectives at 5:45 pm and turned the meeting over to the Town Moderator. The Town Moderator explained the process and invited Assistant Town Manager Clark to first identify the FY2022 objectives that will move forward into FY2023 and then to identify the FY2022 objectives that were modified for inclusion in the FY2023 Goals & Objectives. A completed objective that was removed was noted, as was one completely new objective.

Jack Reimer requested an update on the progress of the FY2022 objective related to broadband services and the expansion of this goal to cellular service. Town Manager Tangeman provided an update and noted the modified FY2023 objective related to the request of ARPA funds for this purpose.

There were no other public comments or questions.

Member Areson moved to close public hearing. Member Rein seconded. Roll Call: R. Weinstein, Aye; S. Areson, Aye; S. Rein, Aye; and K. Reed, Aye. *Motion passes*. Public hearing closed.

#### **Select Board Action**

# Approve the Emergency Medical Services Scope Modification for Transition Plan and Provide Related Policy Direction

Town Manager Tangeman provided a brief overview of the Regional Study of EMS Provision, the importance of moving forward with the EMS provision discussions in a synchronized manner with Provincetown and with Lower Cape Ambulance Association. Town Manager Tangeman briefed the Board on the conversations he has had with these other agencies and introduced the modified scope of work from the consultant.

Member Rein requested clarification on the liquidation of assets referenced in Task 5 of the scope. Member Areson noted that she continues to hope that some discussion of regionalization will occur. Vice-Chair Weinstein referenced the Regional Study of EMS Provision and the current EMS costs. Town Manager Tangeman provided responses and discussed the related budget and funding amounts and mechanisms.

Town Manager Tangeman, Fire Chief Timothy Collins, and Robert Panessiti spoke to the issue of regionalization.

Member Areson moved to approve the Emergency Medical Services Transition Plan scope modification with Capital Strategic Solutions and to endorse the Town Manager's approval of the related contract amendment and the Town Manager's Reserve Fund Transfer Request to the Finance Committee. Member Rein seconded. Roll Call: R. Weinstein, Aye; S. Areson, Aye; S. Rein, Aye; and K. Reed, Aye. Motion passes.

Jack Reimer asked Fire Chief Collins how many paramedics are presently on staff. Chief Collins reported that there are four paramedics on staff and that the recruitment effort for the four new paramedics is underway. Mr. Reimer also suggested placing a recruitment sign outside of the Public Safety Facility.

#### Review and Approve FY2023 Goals & Objectives and Establish Prioritization

Chair Reed introduced this agenda item and noted that while these objectives will be prioritized, they are all important. Town Manager Tangeman provided an overview of the score process.

Carol Harris, Chair of the Climate Action Committee expressed her dismay with the climate action item not being prioritized higher. The Board made changes to the prioritization of a couple of items and amended the climate action objective to be timelier and concrete, and to include researching the feasibility of hiring a climate action agent as part of the objective. Jack Reimer commented on the fact that the town has a housing crisis, a climate crisis and a nitrate crisis and asked about surveys conducted by the Town.

Member Areson moved to approve the Values and Fiscal Year 2023 Goals and Objectives as amended at tonight's meeting. Vice-Chair Weinstein seconded. Roll Call: R. Weinstein, Aye; S. Areson, Aye; Stephanie Rein, Aye; K. Reed, Aye. Motion passes.

Approve and Authorize Signature for Beach Parking Lot Engineering Services Contract with GHD, Inc.

Public Works Director Jarrod Cabral provided an overview on the scope of the project for the beach parking lot engineering services. Member Areson expressed her concerns with cutting off the access to the path on south side of the parking lot. Director Cabral fielded questions about storm water drainage and permeable pavement.

Member Areson moved to approve the Service Agreement with GHD and authorize the Town Manager to sign. Vice-Chair Weinstein seconded. Roll Call: R. Weinstein, Aye; S. Areson, Aye; Stephanie Rein, Aye; K. Reed, Aye. Motion passes.

#### **Consent Agenda**

- A. Review/Approve and Authorize Signature:
  - Truro Center for the Arts at Castle Hill
     1-Day Pouring Licenses for 7/23/22; 8/10/22; 8/13/22; 8/17/22; 8/19/22; 8/20/22; 8/26/22; 8/27/22 and;
    - Entertainment Licenses for 7/28/22; 7/28/22; 8/17/22; 8/19/22; 8/20/22; 8/26/22; 8/27/22
- B. Review and Approve Appointment Renewals:
  - 1. Beach Advisory Committee: Sharon Stahl
  - 2. Board of Health: Candida Monteith
  - 3. Energy Committee: James Nash
- C. Review and Approve 2022 Seasonal Business License: Lodging House-American Youth Hostels
- D. Review and Approve Select Board Minutes: Regular Meeting of 4/26/2022

Member Rein offered an editorial amendment to the minutes of April 26, 2022.

Vice-Chair Weinstein moved the Consent Agenda as printed. Member Areson seconded. Roll Call: R. Weinstein, Aye; S. Areson, Aye; Stephanie Rein, Aye; K. Reed, Aye. Motion passes.

#### **Select Board Reports and Comments**

Member Areson reported on contacting the Economic Development Committee about the cultural district objective and an upcoming in-person visioning session for the Local Comprehensive Plan.

Member Rein thanked Recreation & Beach Damion Clements and the Recreation staff after seeing the summer program in action. She appreciated the amount of work it took to get program up and running. Chair Reed provided a public service announcement to wear sunscreen and stay hydrated.

#### **Town Manager Report and Comments**

Town Manager Tangeman had no comments. He reviewed the upcoming agenda.

#### Adjournment

Member Rein moved to adjourn the meeting at 7:48 pm. All in favor. Motion passes.

Respectfully submitted,

Kelly Clark, Assistant Town Manager

Darrin Tangeman, Town Manager Under the Authority of the Truro Select Board