



Town of Wareham Water Pollution Control Facilities Emergency Response Plan

January 2016

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Figure 1 Critical Infrastructure Facilities

List of Common Acronyms

| | |
|------|---|
| AP | Action Plan |
| CEMP | Comprehensive Emergency Management Plan |
| EAS | Emergency Alert System |
| EMD | Emergency Management Director |
| EOC | Emergency Operations Center |
| ERP | Emergency Response Plan |
| FIRM | Flood Insurance Rate Map |
| MEMA | Massachusetts Emergency Response Agency |
| MGD | Million Gallons Per Day |
| WPCF | Water Pollution Control Facility |

SIGNATURE PAGE

TOWN OF WAREHAM, WATER POLLUTION CONTROL FACILITIES DRAFT/FINAL EMERGENCY RESPONSE PLAN

Initial ERP Approval and Update Process

This ERP was reviewed and approved by use by the following authorities:

| Agency | Name of Authorizing Agent | Date |
|--------------------|---------------------------|------|
| Sewer Commissioner | Susan J. Sweeney | |
| Sewer Commissioner | James R. Giberti | |
| Sewer Commissioner | Donna M. Bronk | |
| Sewer Commissioner | Malcolm R. White | |
| Sewer Commissioner | Marilyn J. Jordan | |

Continued ERP Approval and Update Process

This ERP was reviewed and approved by the following authorities annually. Any changes or revisions made should be reviewed with Emergency Responders.

| Agency | Name of Authorizing Agent | Year of Review | Date |
|--------------------|---------------------------|----------------|------|
| Sewer Commissioner | | 2016 | |
| Sewer Commissioner | | 2016 | |
| Sewer Commissioner | | 2016 | |
| Sewer Commissioner | | 2016 | |
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| Sewer Commissioner | | 2019 | |
| Sewer Commissioner | | 2019 | |
| Sewer Commissioner | | 2019 | |
| Sewer Commissioner | | 2020 | |
| Sewer Commissioner | | 2020 | |
| Sewer Commissioner | | 2020 | |
| Sewer Commissioner | | 2020 | |
| Sewer Commissioner | | 2020 | |

Scope and Limitations

This report has been prepared by GHD for the Town of Wareham and may only be used and relied on by the Town of Wareham for the purpose agreed between GHD and the Town of Wareham Water Pollution Control Facility as set out in this report.

GHD otherwise disclaims responsibility to any person other than the Town of Wareham arising in connection with this report. GHD also excludes implied warranties and conditions, to the extent legally permissible.

The services undertaken by GHD in connection with preparing this report were limited to those specifically detailed in the report and are subject to the scope limitations set out in the report.

The opinions, conclusions, and any recommendations in this report are based on conditions encountered and information reviewed at the date of preparation of the report. GHD has no responsibility or obligation to update this report to account for events or changes occurring subsequent to the date that the report was prepared.

The opinions, conclusions, and any recommendations in this report are based on assumptions made by GHD described in this report. GHD disclaims liability arising from any of the assumptions being incorrect.

GHD has prepared this report on the basis of information provided by the Town of Wareham and others who provided information to GHD (including Government authorities), which GHD has not independently verified or checked beyond the agreed scope of work. GHD does not accept liability in connection with such unverified information, including errors and omissions in the report which were caused by errors or omissions in that information.

The scope of this project was to develop an ERP for wastewater infrastructure as it relates to sea level rise. No other application is implied.

The information contained herein is nothing more than a collection of information obtained from FEMA flood maps, the Town of Wareham's Comprehensive Emergency Management Plan (CEMP), and guidance from the Emergency Response Plan Guidance for Wastewater Systems developed by Water Environment Research Foundation (WERF) and Flood Resilience. Before using this ERP, the Town shall have this document reviewed and approved by Wareham's Emergency Management Director for consistency with the ERP, which was not finalized when this ERP was finalized.

As-built drawings were not available for any pump stations during the development of this report. The assessments are based on survey data collected by Green Seal Environmental, Inc. and measurements obtained during site visits. All field data should be verified. No design guidance is expressed or implied.

1. Introduction

1.1 Purpose

The overall purpose of this Emergency Response Plan (ERP) is to provide the Town of Wareham's Sewer Department with a standardized safety response to flooding emergencies or disasters that may directly affect the Town's wastewater infrastructure. This ERP is not a replacement for the Town of Wareham's Comprehensive Emergency Management Plan and should be considered a supplement to the Town's plan after being approved by the appropriate agency or authority.

Specific Action Plans (APs) for each pump station within the system have been developed as part of this ERP. The AP provides the critical elevation for pump station shut-down based on the point that water is expected to enter the pump station. For pump stations with superstructures, the elevation at which the structure is theoretically compromised is also identified. The purpose of the APs is to provide the Town with an accessible document which provides relevant pump station information in the event of a flooding situation, critical flood elevation data, and emergency contact information. The APs are included in Section 5 of this plan.

1.2 Hazard – Flooding

This hazard section is excerpted from Section 4.6 of the Town of Wareham's Comprehensive Emergency Management Plan (CEMP). Communities in Massachusetts may be exposed to coastal or riverine flooding. This can range from street flooding to serious flooding resulting in damage to public and private property. Hurricane and nor'easter storms have produced numerous coastal storms over the past decade, including flooding effects. Riverine flooding is often associated with hurricanes, but may result from spring runoff as well. A key factor in riverine flooding is the water capacity of water bodies and waterways, the regulation of waterways by flood control works, and the preservation of wetlands.

Flash floods are fast moving floods resulting from extremely heavy rainfall generally over a period of less than six hours.

The National Weather Service and the New England River Forecast Center issue flood watch, flood warning, and flash flood watch and warnings through the Massachusetts Emergency Management Agency (MEMA), the Emergency Alert System (EAS), and the news media.

A flood warning should be issued if rainfall may reach or exceed the one or three hour rainfall values or amount needed to produce flooding on small streams in a forecast zone. A flash flood warning is issued based on radar or observation that the one or three hour rainfall values will be exceeded.

Areas in each community that are vulnerable to flooding are usually well known, and are identifiable through National Flood Insurance Rate Maps (FIRM). However, the intensity of flooding impact and the amount of damage that can result from an especially heavy rainfall is sometimes worse than expected. Flash floods can occur with startling suddenness and be especially devastating.

1.3 Access Control

Due to the sensitive nature of the information contained in the ERP, an access control protocol is recommended. As part of this protocol, distribution of the ERP should be limited to those individuals who are directly involved in the wastewater system's emergency planning and response activities.

The ERP should be numbered prior to distribution, along with a requirement for recipients to sign and date a statement that includes their ERP number, and their agreement not to reproduce the ERP without permission.

Additionally, a secure copy of the ERP should be maintained in an off-premises location, known to wastewater system management, in the event that the wastewater system's primary copies cannot be accessed.

2. General Emergency Planning Information

2.1 Emergency Planning Partnerships

2.1.1 Massachusetts Emergency Management Agency (MEMA)

MEMA should be contacted to provide assistance if the emergency response effort exceeds local government capabilities. MEMA follows the State Emergency Management Plan to coordinate resources and assistance to local governments during emergencies. MEMA can also request federal assistance for a community if the situation is severe enough.

| Agency Name | Point of Contact | Phone # |
|-------------|------------------|--------------|
| MEMA | Agency Staff | 508-820-2000 |

2.1.2 Rain for Rent Rental Equipment Agreement

The Town has an agreement with Rain for Rent to provide rental equipment during an emergency situation. Equipment rentals may include bypass pumps and backup electrical equipment.

| Company Name | Phone # |
|---------------|--------------|
| Rain for Rent | 508-987-0042 |

2.1.3 Septic Hauler Agreements

| Company Name | Phone # |
|--------------------|--------------|
| Sewer Sanitation | 508-958-6037 |
| Sanitary Engineers | 774-836-2426 |
| Adam's Sanitary | 508-295-4024 |

2.2 Mutual Aid Agreements

The Wareham Comprehensive Emergency Management Plan (CEMP) lists mutual aid agreements with all the departments in the following towns/cities:

- Town of Barnstable, Massachusetts
- Town of Plymouth, Massachusetts

The identified communities can be contacted to provide emergency assistance, which may include equipment, supplies, personnel, or other available resources.

2.3 Relationship Between the ERP and Other Town Emergency Response Policies

The Town of Wareham has a CEMP, which provides an all-hazards framework for the community for the planning and response for a disaster or emergency situation. The CEMP is developed and managed by the Town's Emergency Management Director (EMD).

| Municipality | Point of Contact | Phone # |
|-----------------------------------|--|--------------|
| Town of Wareham Police Department | Lt. John Walcek, Emergency Management Director (EMD) | 508-295-1212 |

3. Emergency Response Plan—Core Elements

3.1 System Specific Information

3.1.1 Contact Information

Utility Emergency Response Manager: Guy Campinha, Director of WPCF – 508-958-4290

3.1.2 Population Served and Service Connections

The Town of Wareham owns and operates 43 pump stations that collect wastewater for treatment at the Water Pollution Control Facility (WPCF) from approximately 60% of the Town.

3.1.3 General Description of Wastewater Collection and Treatment System

Communities Served

A map of the sewersheds served by the collection system and critical infrastructure is shown in Figure 1.

Type of Collection System

The majority of the Town's collection system is gravity sewer. The system has 43 pump stations. All of the stations are either owned or operated by the Town, with the exception of the Police Station pump station, which is privately owned and operated.

Type and Level of Treatment

The Wareham WPCF is a tertiary treatment facility.

Average and Peak Flows

Annual average day design flow = 1.56 MGD

Maximum day design flow = 3.48 MGD

Peak hour design flow = 5.39 MGD

Effluent Discharge Locations

The WPCF discharges into the Agawam River.

3.2 Roles and Responsibilities in an Emergency

The WPCF Director/Utility Emergency Response Manager may decide to do one of the following:

- Evacuate a site and call Emergency Services by dialing 911.
- Control the dangerous situation with personnel and equipment at site.
- Shutdown portions of the system or pump stations where necessary.
- Declare the hazard is not significant or no longer exists.
- Communicate with the Town's EMD on the status of the wastewater infrastructure.

3.3 Emergency Operations Center (EOC) and Communication Procedures

3.3.1 Emergency Operations Center Primary - Local point of Contact

| Municipality | Point of Contact | 24-Hour Phone # |
|--------------|------------------|--------------------|
| Wareham | Wareham Dispatch | 911 / 508-295-1212 |
| Onset | Wareham Dispatch | 911 / 508-295-1212 |

3.3.2 Emergency Operations Center Alternate - Local Point of Contact

| Municipality | Point of Contact | 24-Hour Phone # |
|--------------|------------------|--------------------|
| Wareham PD | Dispatch | 911 / 508-295-1212 |
| Wareham Fire | Fire | 508-295-2323 |
| Onset Fire | Fire | 508-295-2121 |

3.3.3 Other Local Contacts

| Community Agencies | Location | Phone |
|---------------------------------|------------------------|-------------------|
| Railroad | Mass Coastal Rail Road | 508-759-3261 |
| National Weather Service | Taunton | 508-823-1983 |
| Poison Control | - | 1-800-222-1222 |
| Red Cross | Cambridge | 617-274-5272 |
| Utilities Key Span (Gas) | - | 781-466-5281/5280 |
| Utilities Eversource (Electric) | Wareham (Sub Station) | 866-663-6782 |

| Bordering Jurisdictions | Bordering Jurisdictions |
|----------------------------|-------------------------|
| North – Carver/Plymouth | South – None |
| East – Bourne/Buzzards Bay | West – Marion/Rochester |

3.3.4 Critical Customer Notification

| Critical Customer | Address | Contact / Telephone | Nearest Pump Station and Site ID |
|------------------------------------|-------------------------------------|--|----------------------------------|
| Onset Fire Department | 5 East Central Avenue, Onset | Fire Chief 508-295-2122 | East Blvd (#8) |
| Wareham Fire Station | 273 Main Street, Wareham | Chief 508-295-2323 | Narrows (#19) |
| Wareham Police Station | 2515 Cranberry Highway, Wareham | 508-295-1212 | Police Station (#43) |
| Habit OPCO Methadone Clinic | 3088A Cranberry Highway, Wareham | Manager on Duty 508-295-7990 | Kennedy Ln (#24) |
| John W. Decas Elementary School | 760 Main Street, Wareham | Principal 508-291-3530 | Springborne (#34) |
| Minot Forest Elementary School | 63 Minot Avenue, Wareham | Principal 508-291-3555 | Minot Ave (#37) |
| Tobey Hospital | 43 High Street, Wareham | Emergency Department Manager 508-273-4186 | Narrows (#19) |
| Wareham Town Hall | 54 Marion Road, Wareham | Town Administrator 508-291-3100 x310 | Kennedy Ln (#24) |
| Multi Service Center | 48 Marion Road, Wareham | Municipal Maintenance 508-295-5300 | Kennedy Ln (#24) |
| Wareham EMS | 72 Sandwich Road, Wareham | Emergency Medical Services Director 508-295-0603 | Apple St (#17) |
| Onset Post Office | 214 Onset Avenue, Onset | Manager on Duty/Postmaster 508-295-8672 | Onset Pier (#9) |
| East Wareham Post Office | 2991C Cranberry Highway, Wareham | Manager on Duty/Postmaster 508-295-9065 | Depot St (#15) |
| Wareham Post Office | 248 Main Street, Wareham | Manager on Duty/Postmaster 508-295-0968 | Narrows (#19) |
| West Wareham Post Office | 2360 Cranberry Highway, Wareham | Manager on Duty/Postmaster 508-295-9206 | N/A – Not on Sewer |

3.3.5 Public/Media Notification

| Media Organizations | Location | Telephone |
|--|-----------------|------------------|
| Newspaper – The Sentinel | Plymouth | 800-242-0264 |
| Newspaper – The Wanderer | Mattapoisett | 508-758-9055 |
| Newspaper – The Courier | Wareham | 508-758-1123 |
| TV Station – Wareham Community Television | Wareham | 508-273-2340 |
| TV Station - WBZ Ch. 4 | Boston | 617-787-7000 |
| TV Station - WCVB Ch. 5 | Needham | 781-449-0400 |
| TV Station – Fox Ch. 25 News | Dedham | 781-467-1300 |
| TV Station – WHDH Ch. 7 | Boston | 617-725-0777 |
| Radio Station – WBZ 1030 | Boston | 617-787-7000 |

4. Responsibilities for Flood Planning and Response

Some items below are excerpted from the Town of Wareham CEMP where applicable to this ERP.

4.1 Preparedness

1. Place EOC personnel on standby during stage of flood 'watch' and monitor NWS/New England River Forecast Center reports.
2. Ensure that public warning systems are working properly and broadcast any information that is needed at this time.
3. Review mutual aid agreements.
4. Monitor levels of local bodies of water.
5. Review Action Plans for pump stations.
6. Carry out, or assist in carrying out, needed flood-proofing measures such as sand bag placement, etc.
7. Maintain projected flood surges and levels.

4.2 Response

1. Listen for broadcast warning/notification of flood emergency.
2. Undertake, or continue to carry out, flood-proofing measures.

4.3 Recovery

1. Inspect all affected buildings for structural integrity.
2. Clear debris.
3. Pump out basements, lower floors, wells, etc.
4. Test and purify water.
5. Address public health and sanitation issues.

5. Action Plans

An Action Plan (AP) is a specific set of actions for each pump station location that will be used to address flooding vulnerabilities and provide site-specific information on critical flood elevations. The AP should complement actions already initiated under the wastewater system's ERP.

A preliminary structural review was conducted on the existing pump stations with superstructures to determine the approximate maximum hydrostatic pressure that the structures could withstand, prior to potential collapse. Based on assumed conditions typical of similar structures, the majority of the pump stations superstructures are constructed with a concrete sub-structure and an un-reinforced concrete masonry wall superstructure. It was estimated that the existing structures are not capable of withstanding more than 2.5 feet of hydrostatic pressure on the unreinforced masonry walls without the need to reinforce the structure.

An AP is an accessible (i.e., "rip and run") document that can be detached and taken to the field by the Utility Emergency Response Manager or any other emergency responder. An AP includes the following basic information:

- Special notification requirements.
- Special response steps to be taken upon ERP activation.

A site-specific AP for each pump station is attached to this section.



MEMORANDUM

January 14, 2016

To GHD Project Team

Copy to

From Jessica P. Janney Tel 774-470-1636

Subject Wareham Water Pollution Control Facilities
Emergency Management Plan Related to Coastal
Flooding and Climate Change Job No. 8618712

PURPOSE OF MEMO

The purpose of this memo is to provide an outline the methodology that were used to develop the site specific Action Plans located in Section 5.0 of the Town of Wareham Water Pollution Control Facilities Emergency Management Plan Related to Coastal Flooding and Climate Change, Wastewater Infrastructure Supplement to Town's Comprehensive Emergency Management Plan.

GUIDANCE

The information is a collection of information obtained from FEMA flood maps, the Town of Wareham's Comprehensive Emergency Management Plan (CEMP), and guidance from the Emergency Response Plan Guidance for Wastewater Systems developed by Water Environment Research Foundation (WERF) and Flood Resilience. As-built drawings were not available for any pump stations during the development of this report. The assessments are based on survey data collected by Green Seal Environmental, Inc. and measurements obtained during site visits.

METHODOLOGY

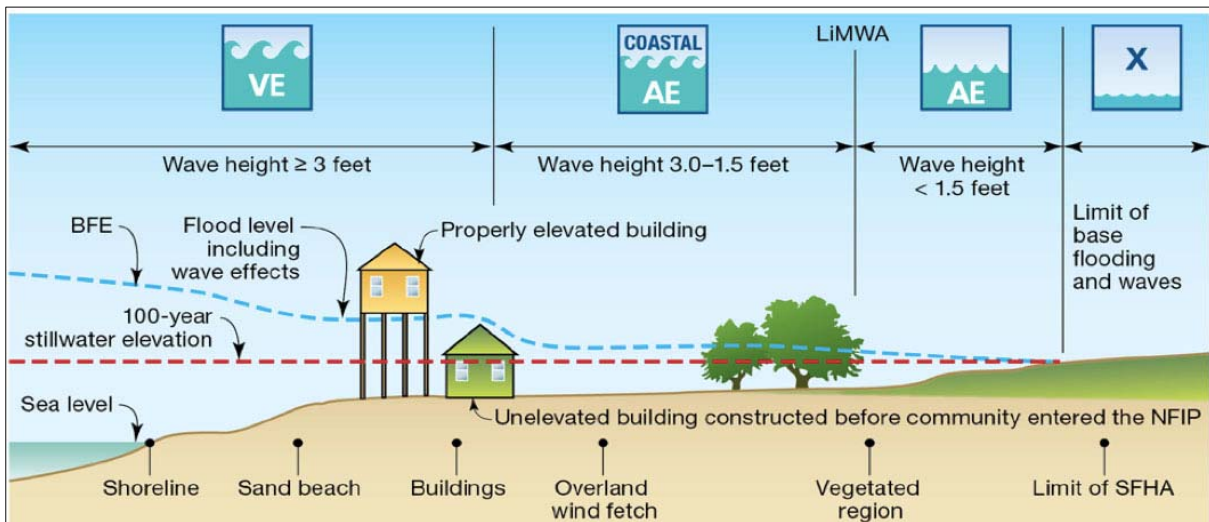
A preliminary structural review was conducted on the existing pump stations with superstructures to determine the approximate maximum hydrostatic pressure that the structures could withstand, prior to potential collapse. Based on assumed conditions typical of similar structures, the majority of the pump stations superstructures are constructed with a concrete sub-structure and an un-reinforced concrete masonry wall superstructure. It was estimated that the existing structures are not capable of withstanding more than 2.5 feet of hydrostatic pressure on the unreinforced masonry walls without the need to reinforce the structure. The "Structure Theoretically Compromised" value is the elevation 2.5 feet above the First Floor Elevation (FFE) / Vault Hatch Elevation.

The "Elevation at which Water Enters Building" value is typically the First Floor Elevation (FFE) / Vault Hatch Elevation.

For the Green Street (#4), Dick's Pond (#14), Linwood Avenue (#16) and Indian Neck (#20) Pump Stations, the sewer manhole rim elevation is below the 100-Year FEMA Flood Elevation and a new listing was added for this information on the Action Plan under "Building Information." For the Smith Avenue (#25) Pump Station and Hathaway (#31) Pump Stations both are within flood zones but elevation at which water enters the building are above the 100-year flood plain elevation.

Town of Wareham Water Pollution Control Facility Emergency Response Plan - Action Plan

| ID | NAME | TYPE | LOCATED IN FLOOD ZONE | FLOOD ZONE DESIGNATION |
|----|------------------------------|-----------------------|-----------------------|------------------------|
| 1 | Saltworks Rd | Submersible | Yes | VE |
| 2 | Hill Street Jefferson Shores | Submersible | Yes | VE |
| 3 | Cohasset Narrows | Wet/Dry Well | Yes | VE |
| 4 | Green Street | Submersible (Ejector) | Yes | AE |
| 5 | Woodbury | Submersible (Ejector) | Yes | X |
| 6 | Onset Heights | Submersible | Yes | Coastal AE |
| 7 | South Water St | Wet/Dry Well | Yes | AE |
| 8 | East Blvd | Submersible (Ejector) | Yes | Coastal AE |
| 9 | Onset Pier | Wet/Dry Well | Yes | VE |
| 10 | South Blvd | Submersible (Ejector) | Yes | VE |
| 11 | Hynes Field | Wet/Dry Well | Yes | Coastal AE |
| 12 | North Blvd | Wet/Dry Well | Yes | Coastal AE |
| 13 | Riverside | Submersible | Yes | Coastal AE |
| 14 | Dick's Pond | Wet/Dry Well | Yes | Coastal AE |
| 15 | Depot St | Wet/Dry Well | Yes | X |
| 16 | Linwood Ave | Submersible | Yes | AE |
| 17 | Apple St | Submersible | Yes | Coastal AE |
| 18 | Avenue A | Submersible | Yes | Coastal AE |
| 19 | Narrows | Wet/Dry Well | Yes | Coastal AE |
| 20 | Indian Neck | Submersible | Yes | AE |
| 21 | Oak Street | Submersible | No | X |
| 22 | Parkwood | Submersible | Yes | AE |
| 23 | Pinehurst | Wet/Dry Well | Yes | Coastal AE |
| 24 | Kennedy Ln | Wet/Dry Well | Yes | X |
| 25 | Smith Ave | Wet/Dry Well | Yes | VE |
| 26 | Ruggles | Wet/Dry Well | Yes | VE |
| 27 | Cromasset Rd | Submersible | Yes | Coastal AE |
| 28 | Briarwood | Submersible | Yes | Coastal AE |
| 29 | Arnold | Submersible | Yes | Coastal AE |
| 30 | French St | Submersible | Yes | X |
| 31 | Hathaway | Submersible | Yes | AE |
| 32 | Thatcher PS/IndPk II | Submersible | No | X |
| 33 | Kendrick PS/IndPk I | Submersible | No | X |
| 34 | Springborne | Submersible | No | X |
| 35 | Nanumette Air Station | Air Station | No | X |
| 36 | Bay St | Submersible (Ejector) | Yes | VE |
| 37 | Minot Ave | Submersible | No | X |
| 38 | Peter Cooper Dr | Submersible | No | X |
| 39 | Mattapoissett Rd | Submersible | No | X |
| 40 | Thirteenth Ave | Submersible | Yes | X |
| 41 | Leonard St | Submersible | Yes | Coastal AE |
| 42 | Terry Ln - Davis Rd | Submersible | Yes | AE |
| 43 | Police Station | Submersible | No | X |



Source: FEMA Coastal Flood Hazard Mapping Studies, May 2013



Town of Wareham Water Pollution Control Facility Emergency Response Plan - Action Plan

GENERAL

| | |
|------------------------|--------------------|
| Site # | #1 |
| Name of Pump Station | Saltworks Rd |
| Address | 1 Wychunas Av |
| Latitude/Longitude | 41.7572 / -70.6305 |
| Type of Station | Submersible |
| Superstructure Present | Yes |
| Date Commissioned | 1990 |



LOCUS - NOT TO SCALE

BUILDING INFORMATION

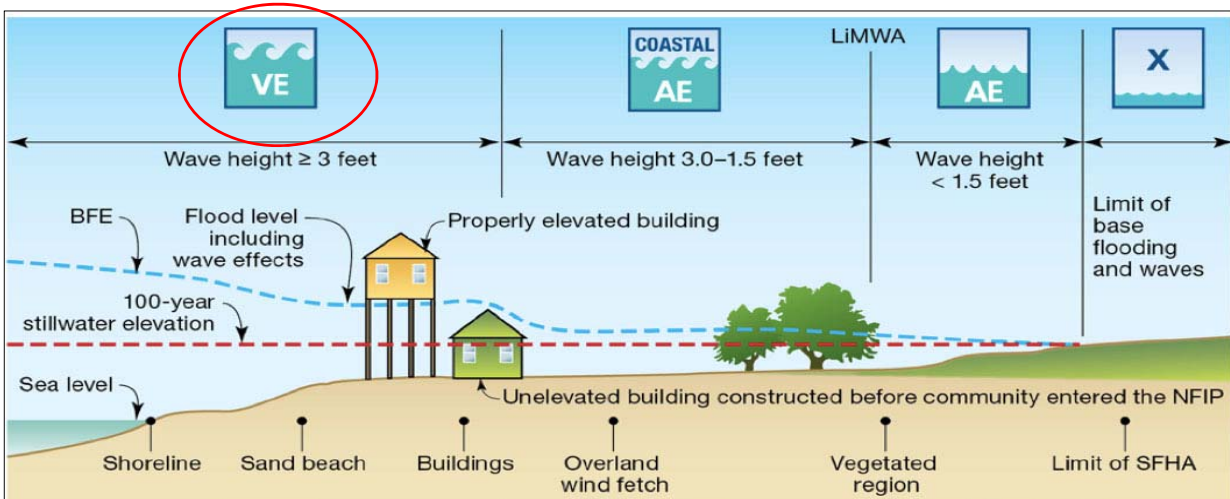
| | |
|---|------|
| First Floor Elevation (FFE) /Vault Hatch | 14.8 |
| First Floor above 100-Year Flood Elevation / Base Flood Elevation (BFE) | No |
| Ground Elevation | 12.1 |
| Bottom of Generator | 16.7 |

FLOOD INFORMATION

| | |
|---------------------------------------|----|
| FEMA Flood Zone | VE |
| FEMA Flood Elevation (100-Year (BFE)) | 21 |

ACTION PLAN CRITICAL FACTORS

| | |
|--|------|
| Structure Theoretically Compromised | 17.3 |
| Elevation at which Water Enters Building | 14.8 |



Source: FEMA Coastal Flood Hazard Mapping Studies, May 2013

SPECIAL NOTIFICATION REQUIREMENTS

Contact Utility Emergency Response Manager: GUY CAMPINHA, Water Pollution Control Director (508) 958-4290

**NOTE: If Contact Utility Emergency Response Manager is Unavailable,
Proceed to Contact Primary and Secondary Emergency Operations Center as Needed**

Emergency Operations Center - Primary Contacts

| | |
|----------------------------|----------------------|
| Wareham Dispatch (Wareham) | 911 / (508) 295-1212 |
| Wareham Dispatch (Onset) | 911 / (508) 295-1212 |

Emergency Operations Center - Alternate Contacts

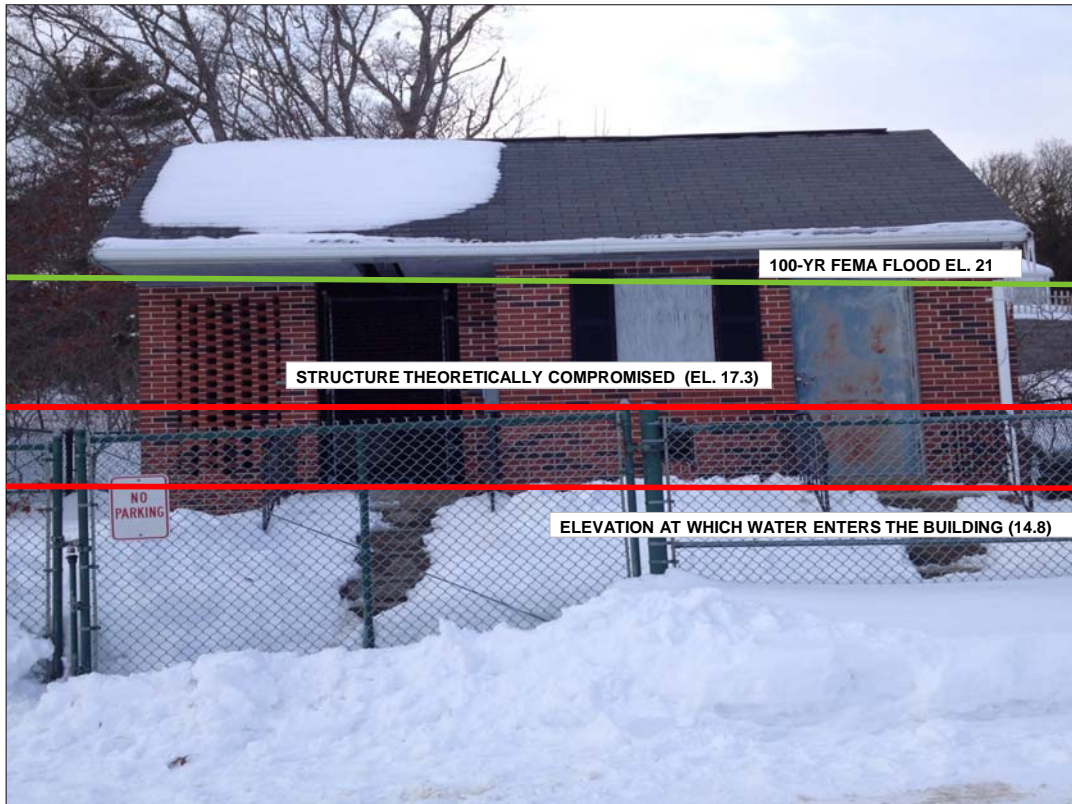
| | |
|--------------------------------------|----------------------|
| Wareham Police Department (Dispatch) | 911 / (508) 295-1212 |
| Wareham Fire Department (Fire) | (508) 295-2323 |
| Onset Fire (Fire) | (508) 295-2121 |

SPECIAL RESPONSE STEPS

**DO NOT ENTER BUILDING WHEN FLOOD WATERS ARE 2.5 FEET ABOVE FIRST FLOOR ELEVATION OR ABOVE ELEVATION 17.3
THIS IS THE CRITICAL HEIGHT FOR STRUCTURAL DAMAGE AND PERSONNEL SHOULD NOT ENTER PUMP STATION**



Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan



NOT TO SCALE

ACTION PLAN CRITICAL FACTORS

| | |
|--|------|
| Structure Theoretically Compromised | 17.3 |
| FEMA 100-YR Flood Elevation | 21 |
| Elevation at which Water Enters Building | 14.8 |

Consider Station Shutdown when water surface elevation is forecasted to be at or above

14.8

Town of Wareham Water Pollution Control Facility Emergency Response Plan - Action Plan

GENERAL

| | |
|------------------------|---------------------------------|
| Site # | #2 |
| Name of Pump Station | Hill Street Jefferson Shores |
| Address | 9 1/2 Hill St |
| Latitude/Longitude | 41.7518/ -70.6272 |
| Type of Station | Submersible |
| Superstructure Present | Yes |
| Date Commissioned | 1990 |



LOCUS - NOT TO SCALE

BUILDING INFORMATION

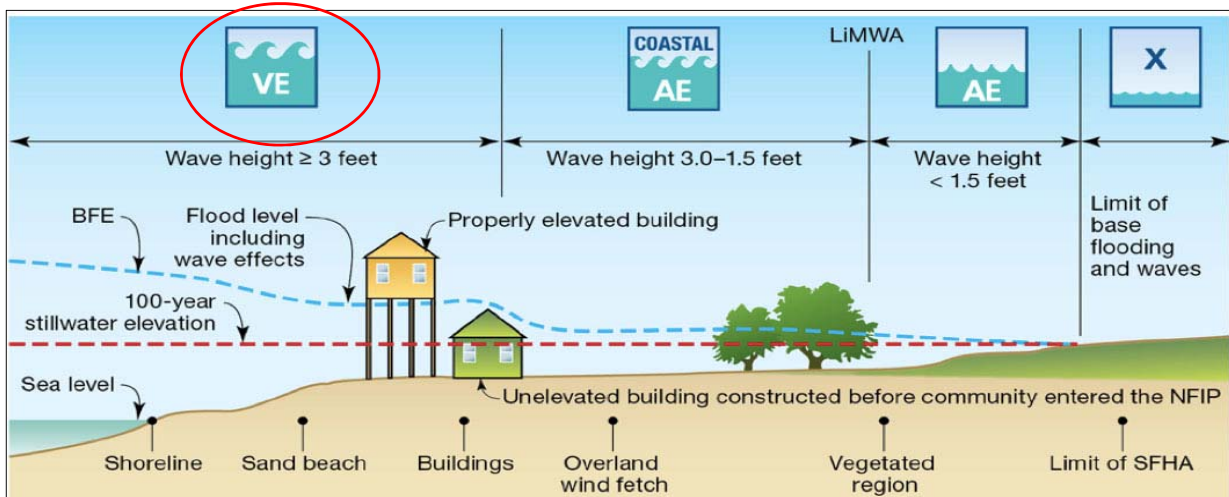
| | |
|---|------|
| First Floor Elevation (FFE) /Vault Hatch | 15 |
| First Floor above 100-Year Flood Elevation / Base Flood Elevation (BFE) | No |
| Ground Elevation | 13.8 |
| Bottom of Generator | 16.9 |

FLOOD INFORMATION

| | |
|---------------------------------------|----|
| FEMA Flood Zone | VE |
| FEMA Flood Elevation (100-Year (BFE)) | 21 |

ACTION PLAN CRITICAL FACTORS

| | |
|--|------|
| Structure Theoretically Compromised | 17.5 |
| Elevation at which Water Enters Building | 15.0 |



Source: FEMA Coastal Flood Hazard Mapping Studies, May 2013

SPECIAL NOTIFICATION REQUIREMENTS

Contact Utility Emergency Response Manager: **GUY CAMPINHA**, Water Pollution Control Director (508) 958-4290

NOTE: If Contact Utility Emergency Response Manager is Unavailable, Proceed to Contact Primary and Secondary Emergency Operations Center as Needed

Emergency Operations Center - Primary Contacts

| | |
|----------------------------|----------------------|
| Wareham Dispatch (Wareham) | 911 / (508) 295-1212 |
| Wareham Dispatch (Onset) | 911 / (508) 295-1212 |

Emergency Operations Center - Alternate Contacts

| | |
|--------------------------------------|----------------------|
| Wareham Police Department (Dispatch) | 911 / (508) 295-1212 |
| Wareham Fire Department (Fire) | (508) 295-2323 |
| Onset Fire (Fire) | (508) 295-2121 |

SPECIAL RESPONSE STEPS

**DO NOT ENTER BUILDING WHEN FLOOD WATERS ARE 2.5 FEET ABOVE FIRST FLOOR ELEVATION OR ABOVE ELEVATION 17.5.
THIS IS THE CRITICAL HEIGHT FOR STRUCTURAL DAMAGE AND PERSONNEL SHOULD NOT ENTER PUMP STATION**



Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan



NOT TO SCALE

ACTION PLAN CRITICAL FACTORS

| | |
|--|------|
| Structure Theoretically Compromised | 17.5 |
| FEMA 100-YR Flood Elevation | 21 |
| Elevation at which Water Enters Building | 15.0 |

Consider Station Shutdown when water surface elevation is forecasted to be at or above

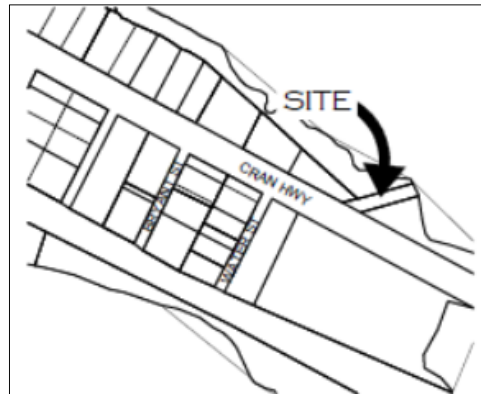
15.0



Town of Wareham Water Pollution Control Facility Emergency Response Plan - Action Plan

GENERAL

| | |
|------------------------|---------------------|
| Site # | #3 |
| Name of Pump Station | Cohasset Narrows |
| Address | 3254 Cranberry Hwy |
| Latitude/Longitude | 41.74784 / -70.6224 |
| Type of Station | Wet / Dry Well |
| Superstructure Present | Yes |
| Date Commissioned | 1989 |



LOCUS - NOT TO SCALE

BUILDING INFORMATION

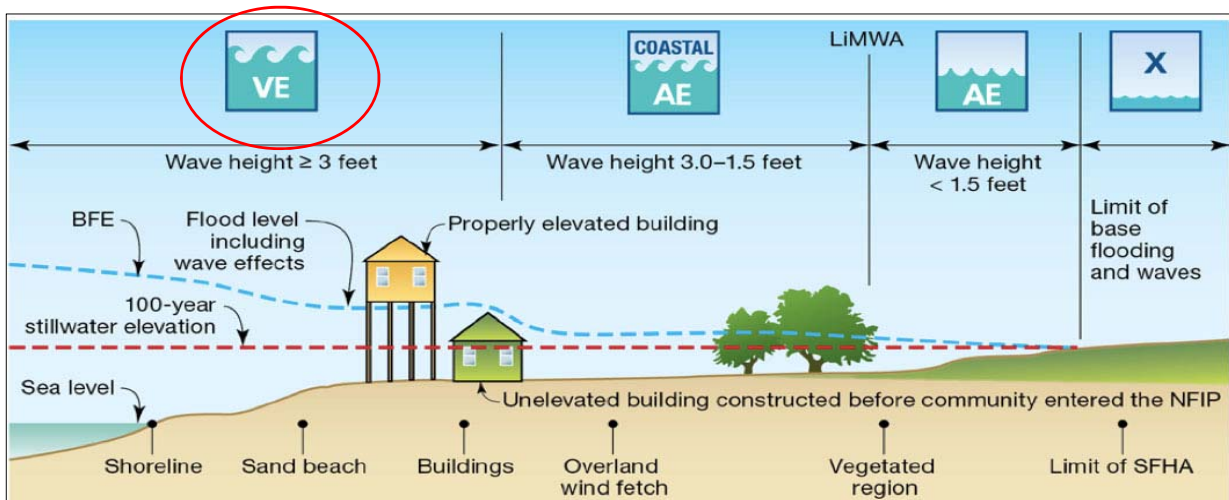
| | |
|---|------|
| First Floor Elevation (FFE) /Vault Hatch | 18.9 |
| First Floor above 100-Year Flood Elevation / Base Flood Elevation (BFE) | No |
| Ground Elevation | 11.6 |
| Bottom of Generator | 19.4 |

FLOOD INFORMATION

| | |
|---------------------------------------|----|
| FEMA Flood Zone | VE |
| FEMA Flood Elevation (100-Year (BFE)) | 21 |

ACTION PLAN CRITICAL FACTORS

| | |
|--|------|
| Structure Theoretically Compromised | 21.4 |
| Elevation at which Water Enters Building | 18.9 |



Source: FEMA Coastal Flood Hazard Mapping Studies, May 2013

SPECIAL NOTIFICATION REQUIREMENTS

Contact Utility Emergency Response Manager: **GUY CAMPINHA**, Water Pollution Control Director (508) 958-4290

NOTE: If Contact Utility Emergency Response Manager is Unavailable, Proceed to Contact Primary and Secondary Emergency Operations Center as Needed

Emergency Operations Center - Primary Contacts

| | |
|----------------------------|----------------------|
| Wareham Dispatch (Wareham) | 911 / (508) 295-1212 |
| Wareham Dispatch (Onset) | 911 / (508) 295-1212 |

Emergency Operations Center - Alternate Contacts

| | |
|--------------------------------------|----------------------|
| Wareham Police Department (Dispatch) | 911 / (508) 295-1212 |
| Wareham Fire Department (Fire) | (508) 295-2323 |
| Onset Fire (Fire) | (508) 295-2121 |

SPECIAL RESPONSE STEPS

DO NOT ENTER BUILDING WHEN FLOOD WATERS ARE 2.5 FEET ABOVE FIRST FLOOR ELEVATION OR ABOVE ELEVATION 21.4. THIS IS THE CRITICAL HEIGHT FOR STRUCTURAL DAMAGE AND PERSONNEL SHOULD NOT ENTER PUMP STATION



Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan



NOT TO SCALE

ACTION PLAN CRITICAL FACTORS

| | |
|--|------|
| Structure Theoretically Compromised | 21.4 |
| FEMA 100-YR Flood Elevation | 21 |
| Elevation at which Water Enters Building | 18.9 |

Consider Station Shutdown when water surface elevation is forecasted to be at or above

18.9

Town of Wareham Water Pollution Control Facility Emergency Response Plan - Action Plan

GENERAL

| | |
|------------------------|-----------------------|
| Site # | #4 |
| Name of Pump Station | Green St |
| Address | 1 1/2 Green St |
| Latitude/Longitude | 41.7410 / -70.6464 |
| Type of Station | Submersible (Ejector) |
| Superstructure Present | Yes |
| Date Commissioned | 1989 |



BUILDING INFORMATION

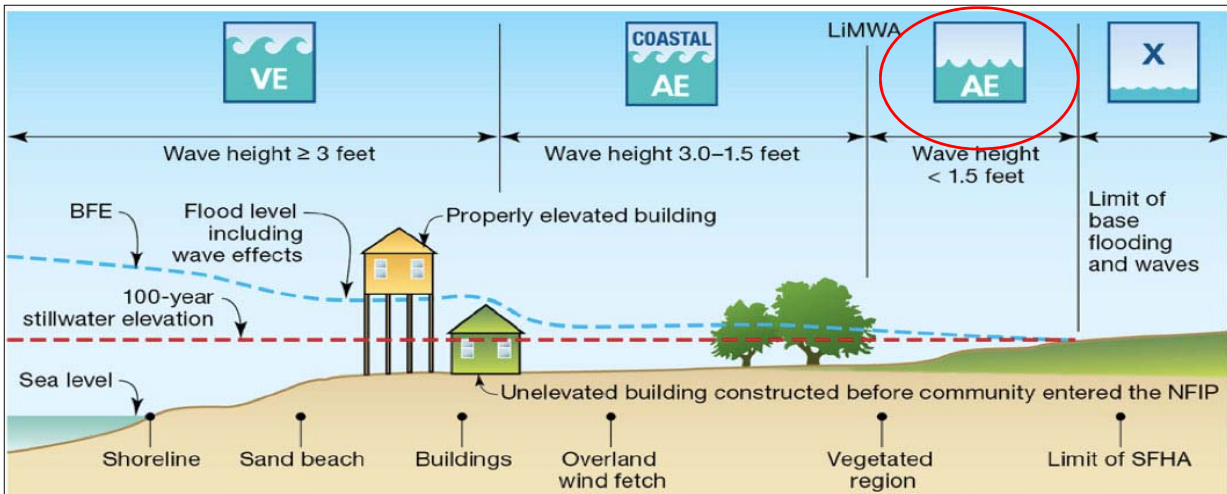
| | |
|---|------|
| First Floor Elevation (FFE) /Vault Hatch | 17.1 |
| First Floor above 100-Year Flood Elevation / Base Flood Elevation (BFE) | Yes |
| Ground Elevation | 16.5 |
| Sewer Manhole Rim Elevation | 15.6 |

FLOOD INFORMATION

| | |
|---------------------------------------|----|
| FEMA Flood Zone | AE |
| FEMA Flood Elevation (100-Year (BFE)) | 16 |

ACTION PLAN CRITICAL FACTORS

| | |
|--|------|
| Structure Theoretically Compromised | 19.6 |
| Elevation at which Water Enters Building | 17.1 |



Source: FEMA Coastal Flood Hazard Mapping Studies, May 2013

SPECIAL NOTIFICATION REQUIREMENTS

Contact Utility Emergency Response Manager: GUY CAMPINHA, Water Pollution Control Director (508) 958-4290

**NOTE: If Contact Utility Emergency Response Manager is Unavailable,
Proceed to Contact Primary and Secondary Emergency Operations Center as Needed**

Emergency Operations Center - Primary Contacts

| | |
|----------------------------|----------------------|
| Wareham Dispatch (Wareham) | 911 / (508) 295-1212 |
| Wareham Dispatch (Onset) | 911 / (508) 295-1212 |

Emergency Operations Center - Alternate Contacts

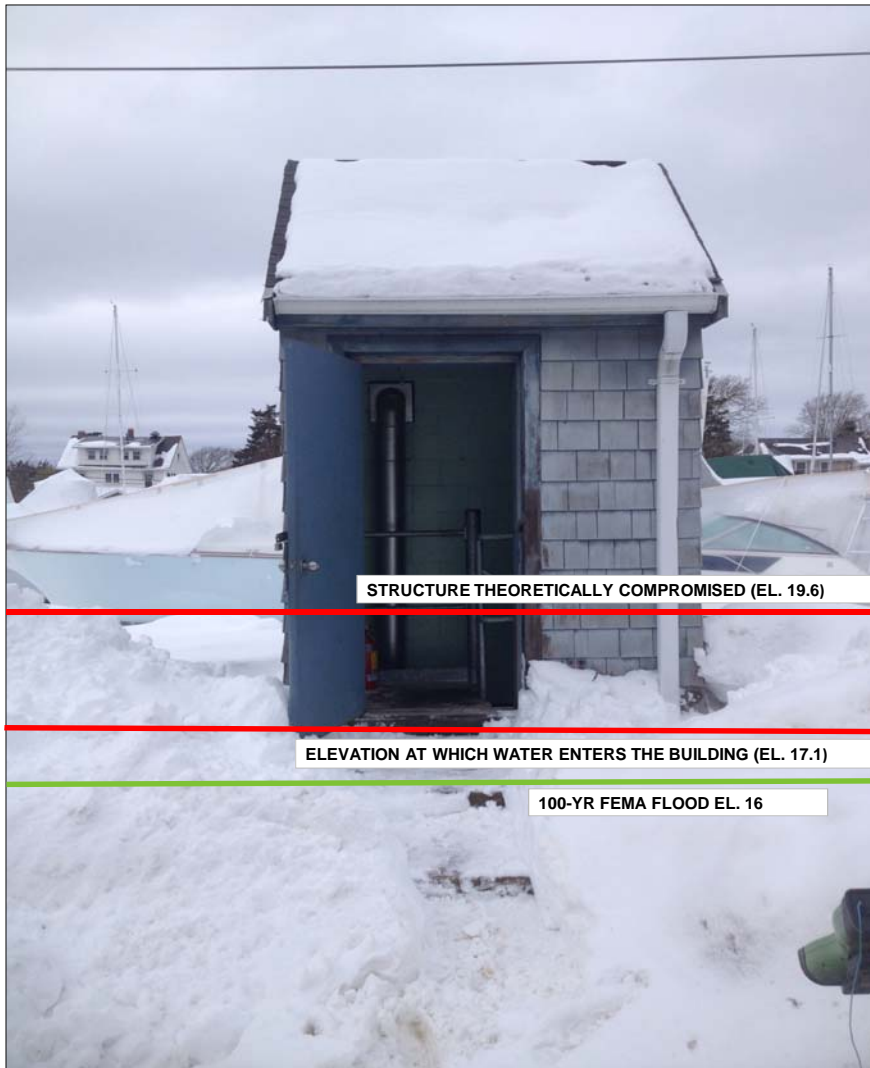
| | |
|--------------------------------------|----------------------|
| Wareham Police Department (Dispatch) | 911 / (508) 295-1212 |
| Wareham Fire Department (Fire) | (508) 295-2323 |
| Onset Fire (Fire) | (508) 295-2121 |

SPECIAL RESPONSE STEPS

**DO NOT ENTER BUILDING WHEN FLOOD WATERS ARE 2.5 FEET ABOVE FIRST FLOOR ELEVATION OR ABOVE ELEVATION 19.6.
THIS IS THE CRITICAL HEIGHT FOR STRUCTURAL DAMAGE AND PERSONNEL SHOULD NOT ENTER PUMP STATION**



Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan



NOT TO SCALE

ACTION PLAN CRITICAL FACTORS

| | |
|--|------|
| Structure Theoretically Compromised | 19.6 |
| FEMA 100-YR Flood Elevation | 16 |
| Elevation at which Water Enters Building | 17.1 |

Consider Station Shutdown when water surface elevation is forecasted to be at or above

17.1

Town of Wareham Water Pollution Control Facility Emergency Response Plan - Action Plan

GENERAL

| | |
|------------------------|-----------------------|
| Site # | #5 |
| Name of Pump Station | Woodbury |
| Address | 35 Woodbury St |
| Latitude/Longitude | 41.7382 / -70.6426 |
| Type of Station | Submersible (Ejector) |
| Superstructure Present | Yes |
| Date Commissioned | 1989 |



LOCUS - NOT TO SCALE

BUILDING INFORMATION

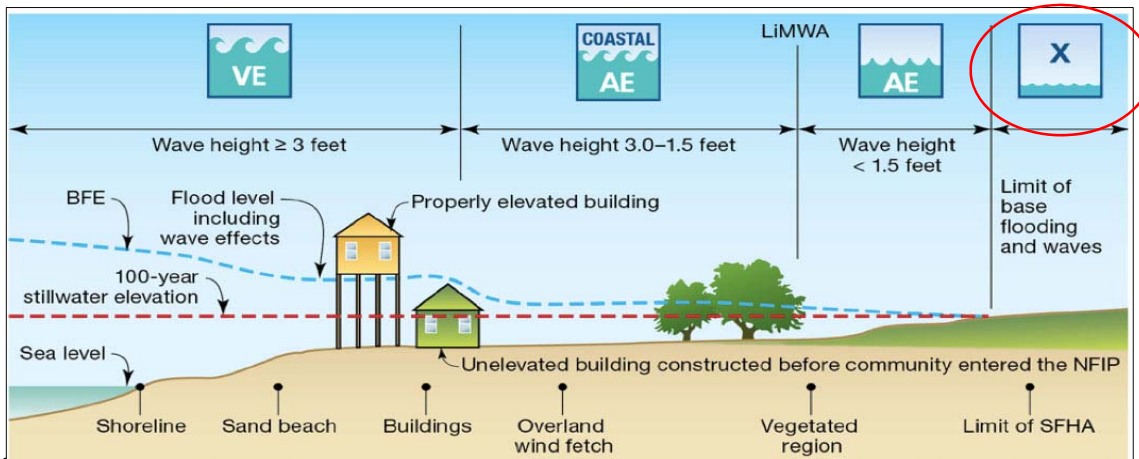
| | |
|---|------|
| First Floor Elevation (FFE) /Vault Hatch | 16.8 |
| First Floor above 100-Year Flood Elevation / Base Flood Elevation (BFE) | Yes |
| Ground Elevation | 16 |

FLOOD INFORMATION

| | |
|---------------------------------------|----|
| FEMA Flood Zone | X |
| FEMA Flood Elevation (100-Year (BFE)) | 14 |

ACTION PLAN CRITICAL FACTORS

| | |
|--|------|
| Structure Theoretically Compromised | 19.3 |
| Elevation at which Water Enters Building | 16.8 |



Source: FEMA Coastal Flood Hazard Mapping Studies, May 2013

SPECIAL NOTIFICATION REQUIREMENTS

Contact Utility Emergency Response Manager: GUY CAMPINHA, Water Pollution Control Director (508) 958-4290

NOTE: If Contact Utility Emergency Response Manager is Unavailable,
Proceed to Contact Primary and Secondary Emergency Operations Center as Needed

Emergency Operations Center - Primary Contacts

| | |
|----------------------------|----------------------|
| Wareham Dispatch (Wareham) | 911 / (508) 295-1212 |
| Wareham Dispatch (Onset) | 911 / (508) 295-1212 |

Emergency Operations Center - Alternate Contacts

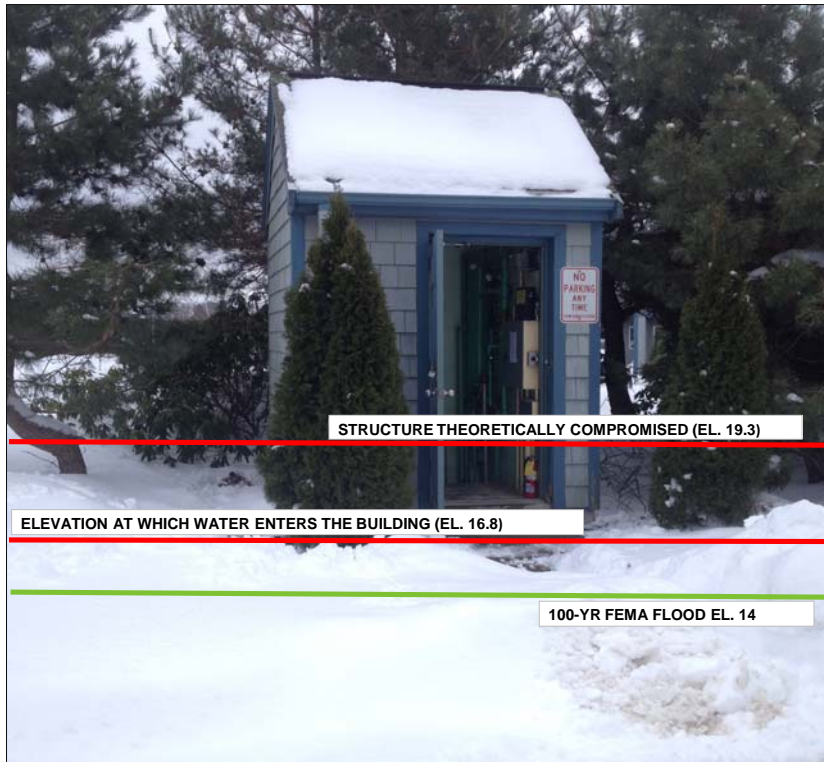
| | |
|--------------------------------------|----------------------|
| Wareham Police Department (Dispatch) | 911 / (508) 295-1212 |
| Wareham Fire Department (Fire) | (508) 295-2323 |
| Onset Fire (Fire) | (508) 295-2121 |

SPECIAL RESPONSE STEPS

**DO NOT ENTER BUILDING WHEN FLOOD WATERS ARE 2.5 FEET ABOVE FIRST FLOOR ELEVATION OR ABOVE ELEVATION 19.3.
THIS IS THE CRITICAL HEIGHT FOR STRUCTURAL DAMAGE AND PERSONNEL SHOULD NOT ENTER PUMP STATION**



Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan



NOT TO SCALE

ACTION PLAN CRITICAL FACTORS

| | |
|--|------|
| Structure Theoretically Compromised | 19.3 |
| FEMA 100-YR Flood Elevation | 14 |
| Elevation at which Water Enters Building | 16.8 |

Consider Station Shutdown when water surface elevation is forecasted to be at or above

16.8

Town of Wareham Water Pollution Control Facility Emergency Response Plan - Action Plan

GENERAL

| | |
|------------------------|--------------------|
| Site # | #6 |
| Name of Pump Station | Onset Heights |
| Address | Cove St & Broad St |
| Latitude/Longitude | 41.7466 / -70.6503 |
| Type of Station | Submersible |
| Superstructure Present | No |
| Date Commissioned | 1996 |



BUILDING INFORMATION

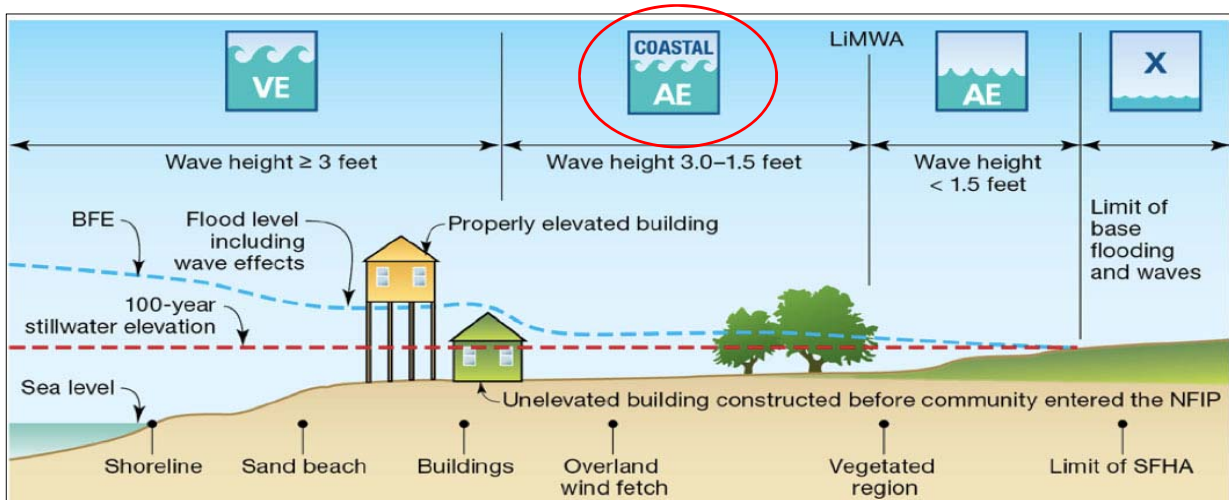
| | |
|---|-----|
| First Floor Elevation (FFE) /Vault Hatch | 7.4 |
| First Floor above 100-Year Flood Elevation / Base Flood Elevation (BFE) | No |
| Ground Elevation | 7.4 |

FLOOD INFORMATION

| | |
|---------------------------------------|------------|
| FEMA Flood Zone | Coastal AE |
| FEMA Flood Elevation (100-Year (BFE)) | 14 |

ACTION PLAN CRITICAL FACTORS

Elevation at which Water Enters Building **7.4**



Source: FEMA Coastal Flood Hazard Mapping Studies, May 2013

SPECIAL NOTIFICATION REQUIREMENTS

Contact Utility Emergency Response Manager: **GUY CAMPINHA, Water Pollution Control Director (508) 958-4290**

NOTE: If Contact Utility Emergency Response Manager is Unavailable, Proceed to Contact Primary and Secondary Emergency Operations Center as Needed

Emergency Operations Center - Primary Contacts

| | |
|----------------------------|----------------------|
| Wareham Dispatch (Wareham) | 911 / (508) 295-1212 |
| Wareham Dispatch (Onset) | 911 / (508) 295-1212 |

Emergency Operations Center - Alternate Contacts

| | |
|--------------------------------------|----------------------|
| Wareham Police Department (Dispatch) | 911 / (508) 295-1212 |
| Wareham Fire Department (Fire) | (508) 295-2323 |
| Onset Fire (Fire) | (508) 295-2121 |



Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan



NOT TO SCALE

ACTION PLAN CRITICAL FACTORS

| | |
|--|-----|
| FEMA 100-YR Flood Elevation | 14 |
| Elevation at which Water Enters Building | 7.4 |

Consider Station Shutdown when water surface elevation is forecasted to be at or above 7.4

Town of Wareham Water Pollution Control Facility Emergency Response Plan - Action Plan

GENERAL

| | |
|------------------------|-------------------|
| Site # | #7 |
| Name of Pump Station | South Water St |
| Address | 1 South Water St |
| Latitude/Longitude | 41.7426/ -70.6529 |
| Type of Station | Wet / Dry Well |
| Superstructure Present | Yes |
| Date Commissioned | 1971 |



BUILDING INFORMATION

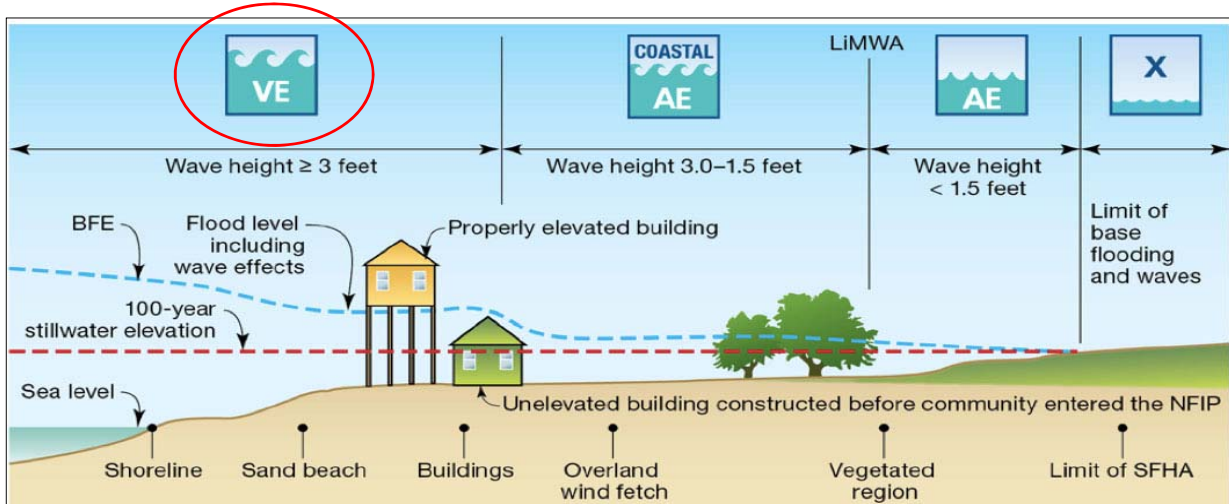
| | |
|---|------|
| First Floor Elevation (FFE) /Vault Hatch | 14.8 |
| First Floor above 100-Year Flood Elevation / Base Flood Elevation (BFE) | No |
| Ground Elevation | 9.5 |

FLOOD INFORMATION

| | |
|---------------------------------------|----|
| FEMA Flood Zone | VE |
| FEMA Flood Elevation (100-Year (BFE)) | 19 |

ACTION PLAN CRITICAL FACTORS

| | |
|--|------|
| Structure Theoretically Compromised | 17.3 |
| Elevation at which Water Enters Building | 14.8 |



Source: FEMA Coastal Flood Hazard Mapping Studies, May 2013

SPECIAL NOTIFICATION REQUIREMENTS

Contact Utility Emergency Response Manager: GUY CAMPINHA, Water Pollution Control Director (508) 958-4290

NOTE: If Contact Utility Emergency Response Manager is Unavailable, Proceed to Contact Primary and Secondary Emergency Operations Center as Needed

Emergency Operations Center - Primary Contacts

| | |
|----------------------------|----------------------|
| Wareham Dispatch (Wareham) | 911 / (508) 295-1212 |
| Wareham Dispatch (Onset) | 911 / (508) 295-1212 |

Emergency Operations Center - Alternate Contacts

| | |
|--------------------------------------|----------------------|
| Wareham Police Department (Dispatch) | 911 / (508) 295-1212 |
| Wareham Fire Department (Fire) | (508) 295-2323 |
| Onset Fire (Fire) | (508) 295-2121 |

SPECIAL RESPONSE STEPS

**DO NOT ENTER BUILDING WHEN FLOOD WATERS ARE 2.5 FEET ABOVE FIRST FLOOR ELEVATION OR ABOVE ELEVATION 17.3.
THIS IS THE CRITICAL HEIGHT FOR STRUCTURAL DAMAGE AND PERSONNEL SHOULD NOT ENTER PUMP STATION**



Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan



NOT TO SCALE

ACTION PLAN CRITICAL FACTORS

| | |
|--|------|
| Structure Theoretically Compromised | 17.3 |
| FEMA 100-YR Flood Elevation | 19 |
| Elevation at which Water Enters Building | 14.8 |

Consider Station Shutdown when water surface elevation is forecasted to be at or above

14.8

Town of Wareham Water Pollution Control Facility Emergency Response Plan - Action Plan

GENERAL

| | |
|------------------------|-----------------------|
| Site # | #8 |
| Name of Pump Station | East Blvd |
| Address | 37 East Blvd |
| Latitude/Longitude | 41.7443/ -70.6566 |
| Type of Station | Submersible (Ejector) |
| Superstructure Present | Yes |
| Date Commissioned | 1971 |



LOCUS - NOT TO SCALE

BUILDING INFORMATION

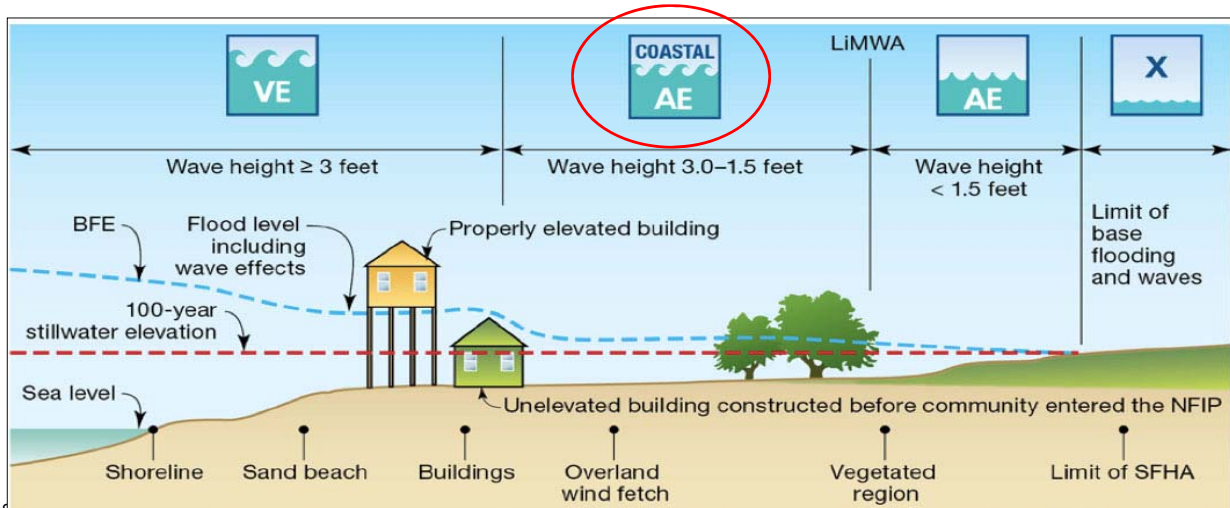
| | |
|---|-----|
| First Floor Elevation (FFE) /Vault Hatch | 5.6 |
| First Floor above 100-Year Flood Elevation / Base Flood Elevation (BFE) | No |
| Ground Elevation | 4.7 |

FLOOD INFORMATION

| | |
|---------------------------------------|------------|
| FEMA Flood Zone | Coastal AE |
| FEMA Flood Elevation (100-Year (BFE)) | 14 |

ACTION PLAN CRITICAL FACTORS

| | |
|--|-----|
| Structure Theoretically Compromised | 8.1 |
| Elevation at which Water Enters Building | 5.6 |



Source: FEMA Coastal Flood Hazard Mapping Studies, May 2013

SPECIAL NOTIFICATION REQUIREMENTS

Contact Utility Emergency Response Manager: GUY CAMPINHA, Water Pollution Control Director (508) 958-4290

NOTE: If Contact Utility Emergency Response Manager is Unavailable,
Proceed to Contact Primary and Secondary Emergency Operations Center as Needed

Emergency Operations Center - Primary Contacts

| | |
|----------------------------|----------------------|
| Wareham Dispatch (Wareham) | 911 / (508) 295-1212 |
| Wareham Dispatch (Onset) | 911 / (508) 295-1212 |

Emergency Operations Center - Alternate Contacts

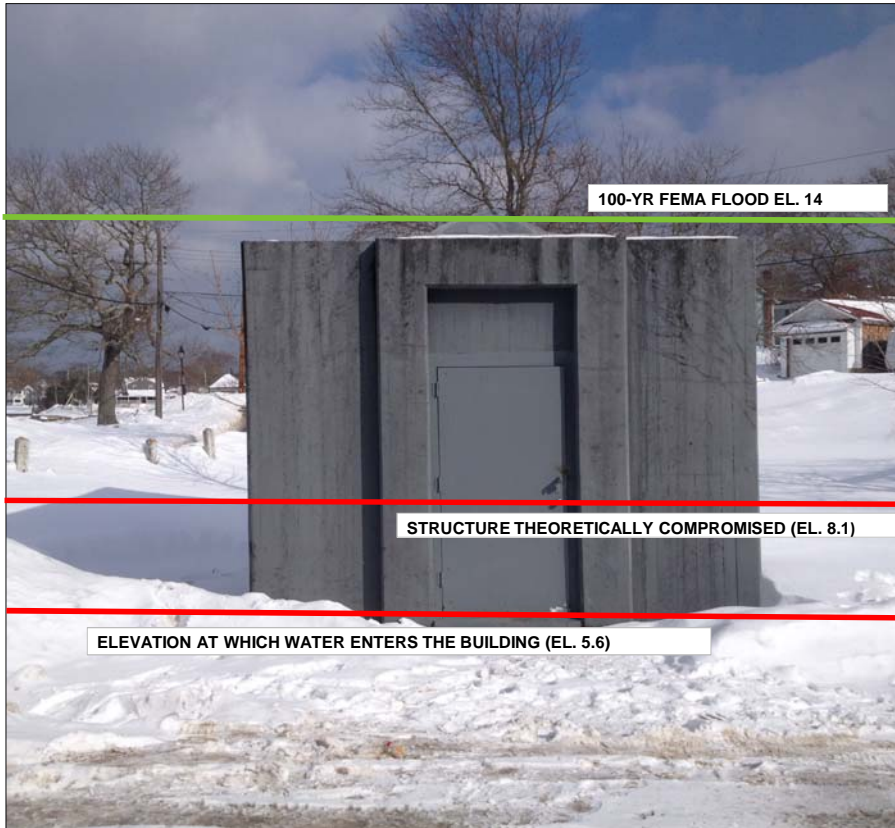
| | |
|--------------------------------------|----------------------|
| Wareham Police Department (Dispatch) | 911 / (508) 295-1212 |
| Wareham Fire Department (Fire) | (508) 295-2323 |
| Onset Fire (Fire) | (508) 295-2121 |

SPECIAL RESPONSE STEPS

**DO NOT ENTER BUILDING WHEN FLOOD WATERS ARE 2.5 FEET ABOVE FIRST FLOOR ELEVATION OR ABOVE ELEVATION 8.1.
THIS IS THE CRITICAL HEIGHT FOR STRUCTURAL DAMAGE AND PERSONNEL SHOULD NOT ENTER PUMP STATION**



Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan



NOT TO SCALE

ACTION PLAN CRITICAL FACTORS

| | |
|--|-----|
| Structure Theoretically Compromised | 8.1 |
| FEMA 100-YR Flood Elevation | 14 |
| Elevation at which Water Enters Building | 5.6 |

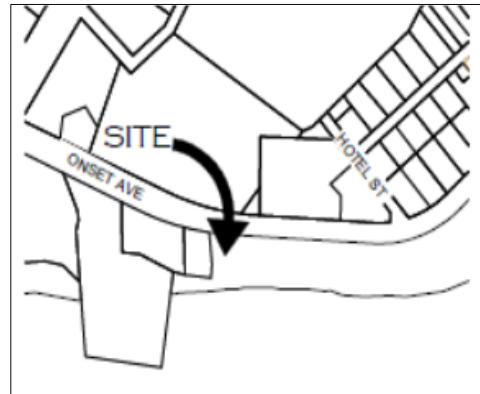
Consider Station Shutdown when water surface elevation is forecasted to be at or above

5.6

Town of Wareham Water Pollution Control Facility Emergency Response Plan - Action Plan

GENERAL

| | |
|------------------------|-------------------|
| Site # | #9 |
| Name of Pump Station | Onset Pier |
| Address | 178 Onset Ave |
| Latitude/Longitude | 41.7415/ -70.6577 |
| Type of Station | Wet / Dry Well |
| Superstructure Present | Yes |
| Date Commissioned | 1971 |



LOCUS - NOT TO SCALE

BUILDING INFORMATION

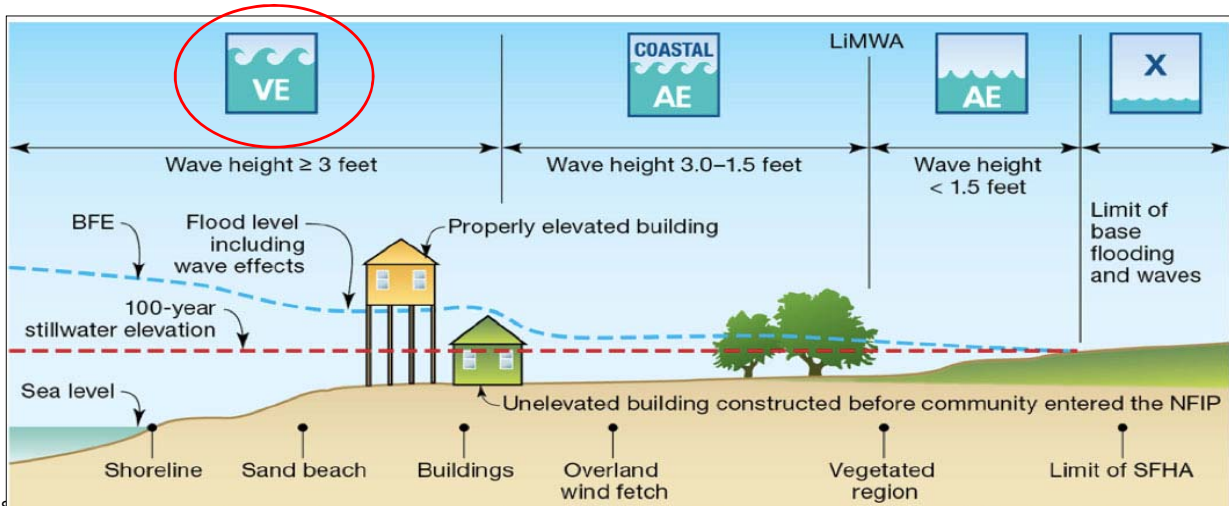
| | |
|---|------|
| First Floor Elevation (FFE) /Vault Hatch | 15 |
| First Floor above 100-Year Flood Elevation / Base Flood Elevation (BFE) | No |
| Ground Elevation | 11.7 |

FLOOD INFORMATION

| | |
|---------------------------------------|----|
| FEMA Flood Zone | VE |
| FEMA Flood Elevation (100-Year (BFE)) | 22 |

ACTION PLAN CRITICAL FACTORS

| | |
|--|------|
| Structure Theoretically Compromised | 17.5 |
| Elevation at which Water Enters Building | 15 |



Source: FEMA Coastal Flood Hazard Mapping Studies, May 2013

SPECIAL NOTIFICATION REQUIREMENTS

Contact Utility Emergency Response Manager: GUY CAMPINHA, Water Pollution Control Director (508) 958-4290

**NOTE: If Contact Utility Emergency Response Manager is Unavailable,
Proceed to Contact Primary and Secondary Emergency Operations Center as Needed**

Emergency Operations Center - Primary Contacts

| | |
|----------------------------|----------------------|
| Wareham Dispatch (Wareham) | 911 / (508) 295-1212 |
| Wareham Dispatch (Onset) | 911 / (508) 295-1212 |

Emergency Operations Center - Alternate Contacts

| | |
|--------------------------------------|----------------------|
| Wareham Police Department (Dispatch) | 911 / (508) 295-1212 |
| Wareham Fire Department (Fire) | (508) 295-2323 |
| Onset Fire (Fire) | (508) 295-2121 |

SPECIAL RESPONSE STEPS

**DO NOT ENTER BUILDING WHEN FLOOD WATERS ARE 2.5 FEET ABOVE FIRST FLOOR ELEVATION OR ABOVE ELEVATION 17.5.
THIS IS THE CRITICAL HEIGHT FOR STRUCTURAL DAMAGE AND PERSONNEL SHOULD NOT ENTER PUMP STATION**



Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan



NOT TO SCALE

ACTION PLAN CRITICAL FACTORS

| | |
|--|------|
| Structure Theoretically Compromised | 17.5 |
| FEMA 100-YR Flood Elevation | 22 |
| Elevation at which Water Enters Building | 15.0 |

Consider Station Shutdown when water surface elevation is forecasted to be at or above

15.0

Town of Wareham Water Pollution Control Facility Emergency Response Plan - Action Plan

GENERAL

| | |
|------------------------|-----------------------|
| Site # | #10 |
| Name of Pump Station | South Blvd |
| Address | 42 South Blvd |
| Latitude/Longitude | 41.7400/ -70.6632 |
| Type of Station | Submersible (Ejector) |
| Superstructure Present | No |
| Date Commissioned | 1972 |



LOCUS - NOT TO SCALE

BUILDING INFORMATION

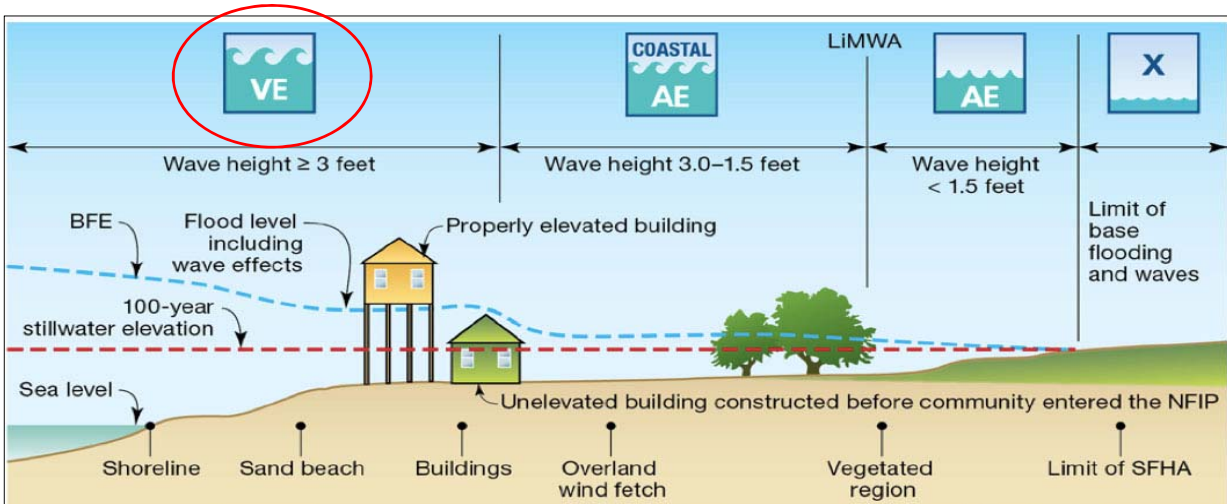
| | |
|---|------|
| First Floor Elevation (FFE) /Vault Hatch | 13.2 |
| First Floor above 100-Year Flood Elevation / Base Flood Elevation (BFE) | No |
| Ground Elevation | 13.2 |

FLOOD INFORMATION

| | |
|---------------------------------------|----|
| FEMA Flood Zone | VE |
| FEMA Flood Elevation (100-Year (BFE)) | 22 |

ACTION PLAN CRITICAL FACTORS

Elevation at which Water Enters Building **13.2**



Source: FEMA Coastal Flood Hazard Mapping Studies, May 2013

SPECIAL NOTIFICATION REQUIREMENTS

Contact Utility Emergency Response Manager: **GUY CAMPINHA**, Water Pollution Control Director (508) 958-4290

NOTE: If Contact Utility Emergency Response Manager is Unavailable, Proceed to Contact Primary and Secondary Emergency Operations Center as Needed

Emergency Operations Center - Primary Contacts

| | |
|----------------------------|----------------------|
| Wareham Dispatch (Wareham) | 911 / (508) 295-1212 |
| Wareham Dispatch (Onset) | 911 / (508) 295-1212 |

Emergency Operations Center - Alternate Contacts

| | |
|--------------------------------------|----------------------|
| Wareham Police Department (Dispatch) | 911 / (508) 295-1212 |
| Wareham Fire Department (Fire) | (508) 295-2323 |
| Onset Fire (Fire) | (508) 295-2121 |



Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan



NOT TO SCALE

ACTION PLAN CRITICAL FACTORS

| | |
|--|------|
| FEMA 100-YR Flood Elevation | 22 |
| Elevation at which Water Enters Building | 13.2 |

Consider Station Shutdown when water surface elevation is forecasted to be at or above

13.2

Town of Wareham Water Pollution Control Facility Emergency Response Plan - Action Plan

GENERAL

| | |
|------------------------|-------------------|
| Site # | #11 |
| Name of Pump Station | Hynes Field |
| Address | 248 Onset Ave |
| Latitude/Longitude | 41.7453/ -70.6623 |
| Type of Station | Wet / Dry Well |
| Superstructure Present | Yes |
| Date Commissioned | 1971 |



LOCUS - NOT TO SCALE

BUILDING INFORMATION

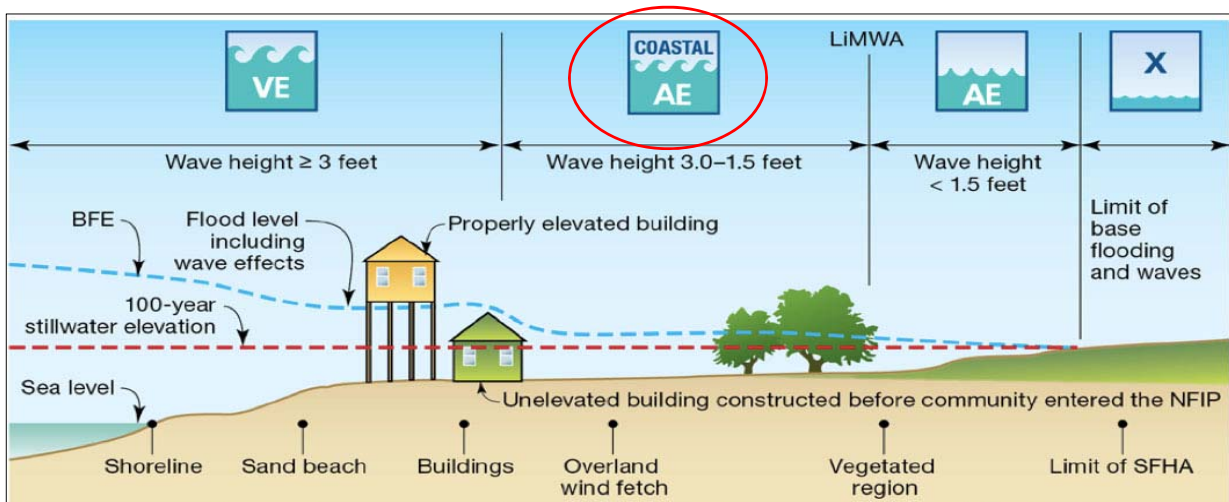
| | |
|---|------|
| First Floor Elevation (FFE) /Vault Hatch | 13.9 |
| First Floor above 100-Year Flood Elevation / Base Flood Elevation (BFE) | No |
| Ground Elevation | 6.4 |

FLOOD INFORMATION

| | |
|---------------------------------------|------------|
| FEMA Flood Zone | Coastal AE |
| FEMA Flood Elevation (100-Year (BFE)) | 14 |

ACTION PLAN CRITICAL FACTORS

| | |
|--|------|
| Structure Theoretically Compromised | 16.4 |
| Elevation at which Water Enters Building | 13.9 |



Source: FEMA Coastal Flood Hazard Mapping Studies, May 2013

SPECIAL NOTIFICATION REQUIREMENTS

Contact Utility Emergency Response Manager: GUY CAMPINHA, Water Pollution Control Director (508) 958-4290

NOTE: If Contact Utility Emergency Response Manager is Unavailable, Proceed to Contact Primary and Secondary Emergency Operations Center as Needed

Emergency Operations Center - Primary Contacts

| | |
|----------------------------|----------------------|
| Wareham Dispatch (Wareham) | 911 / (508) 295-1212 |
| Wareham Dispatch (Onset) | 911 / (508) 295-1212 |

Emergency Operations Center - Alternate Contacts

| | |
|--------------------------------------|----------------------|
| Wareham Police Department (Dispatch) | 911 / (508) 295-1212 |
| Wareham Fire Department (Fire) | (508) 295-2323 |
| Onset Fire (Fire) | (508) 295-2121 |

SPECIAL RESPONSE STEPS

DO NOT ENTER BUILDING WHEN FLOOD WATERS ARE 2.5 FEET ABOVE FIRST FLOOR ELEVATION OR ABOVE ELEVATION 16.4. THIS IS THE CRITICAL HEIGHT FOR STRUCTURAL DAMAGE AND PERSONNEL SHOULD NOT ENTER PUMP STATION



Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan



NOT TO SCALE

ACTION PLAN CRITICAL FACTORS

| | |
|--|------|
| Structure Theoretically Compromised | 16.4 |
| FEMA 100-YR Flood Elevation | 14 |
| Elevation at which Water Enters Building | 13.9 |

Consider Station Shutdown when water surface elevation is forecasted to be at or above

13.9

Town of Wareham Water Pollution Control Facility Emergency Response Plan - Action Plan

GENERAL

| | |
|------------------------|-------------------|
| Site # | #12 |
| Name of Pump Station | North Blvd |
| Address | 17 North Blvd |
| Latitude/Longitude | 41.7479/ -70.6594 |
| Type of Station | Wet / Dry Well |
| Superstructure Present | Yes |
| Date Commissioned | 1971 |



LOCUS - NOT TO SCALE

BUILDING INFORMATION

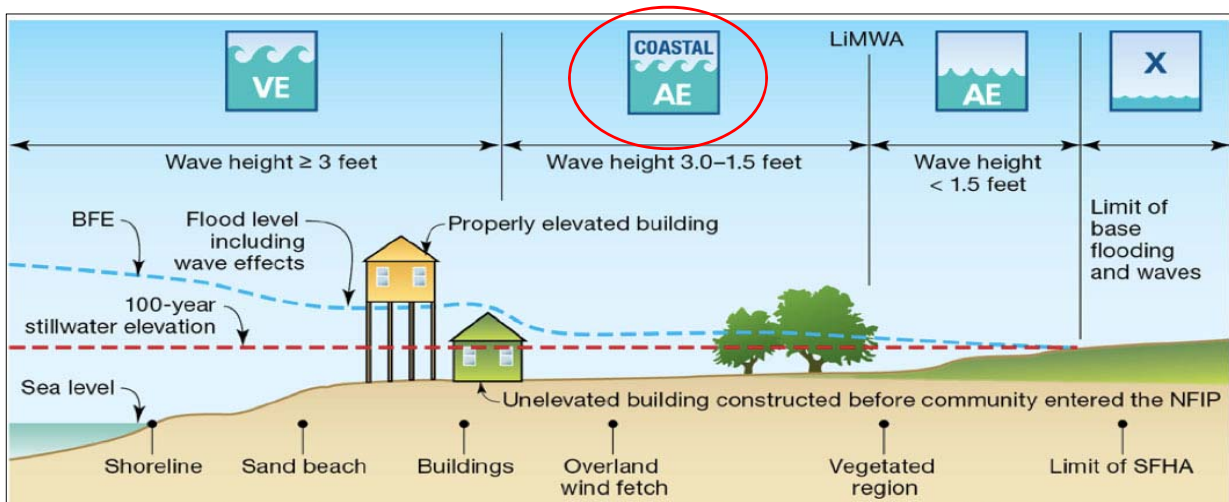
| | |
|---|------|
| First Floor Elevation (FFE) /Vault Hatch | 13.7 |
| First Floor above 100-Year Flood Elevation / Base Flood Elevation (BFE) | No |
| Ground Elevation | 6.9 |

FLOOD INFORMATION

| | |
|---------------------------------------|------------|
| FEMA Flood Zone | Coastal AE |
| FEMA Flood Elevation (100-Year (BFE)) | 14 |

ACTION PLAN CRITICAL FACTORS

| | |
|--|------|
| Structure Theoretically Compromised | 16.2 |
| Elevation at which Water Enters Building | 13.7 |



Source: FEMA Coastal Flood Hazard Mapping Studies, May 2013

SPECIAL NOTIFICATION REQUIREMENTS

Contact Utility Emergency Response Manager: **GUY CAMPINHA**, Water Pollution Control Director (508) 958-4290

NOTE: If Contact Utility Emergency Response Manager is Unavailable, Proceed to Contact Primary and Secondary Emergency Operations Center as Needed

Emergency Operations Center - Primary Contacts

| | |
|----------------------------|----------------------|
| Wareham Dispatch (Wareham) | 911 / (508) 295-1212 |
| Wareham Dispatch (Onset) | 911 / (508) 295-1212 |

Emergency Operations Center - Alternate Contacts

| | |
|--------------------------------------|----------------------|
| Wareham Police Department (Dispatch) | 911 / (508) 295-1212 |
| Wareham Fire Department (Fire) | (508) 295-2323 |
| Onset Fire (Fire) | (508) 295-2121 |

SPECIAL RESPONSE STEPS

DO NOT ENTER BUILDING WHEN FLOOD WATERS ARE 2.5 FEET ABOVE FIRST FLOOR ELEVATION OR ABOVE ELEVATION 16.2. THIS IS THE CRITICAL HEIGHT FOR STRUCTURAL DAMAGE AND PERSONNEL SHOULD NOT ENTER PUMP STATION



Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan



NOT TO SCALE

ACTION PLAN CRITICAL FACTORS

| | |
|--|------|
| Structure Theoretically Compromised | 16.2 |
| FEMA 100-YR Flood Elevation | 14 |
| Elevation at which Water Enters Building | 13.7 |

Consider Station Shutdown when water surface elevation is forecasted to be at or above

13.7

Town of Wareham Water Pollution Control Facility Emergency Response Plan - Action Plan

GENERAL

| | |
|------------------------|-------------------|
| Site # | #13 |
| Name of Pump Station | Riverside |
| Address | 26 Riverside Dr |
| Latitude/Longitude | 41.7504/ -70.6530 |
| Type of Station | Submersible |
| Superstructure Present | No |
| Date Commissioned | 1996 |



LOCUS - NOT TO SCALE

BUILDING INFORMATION

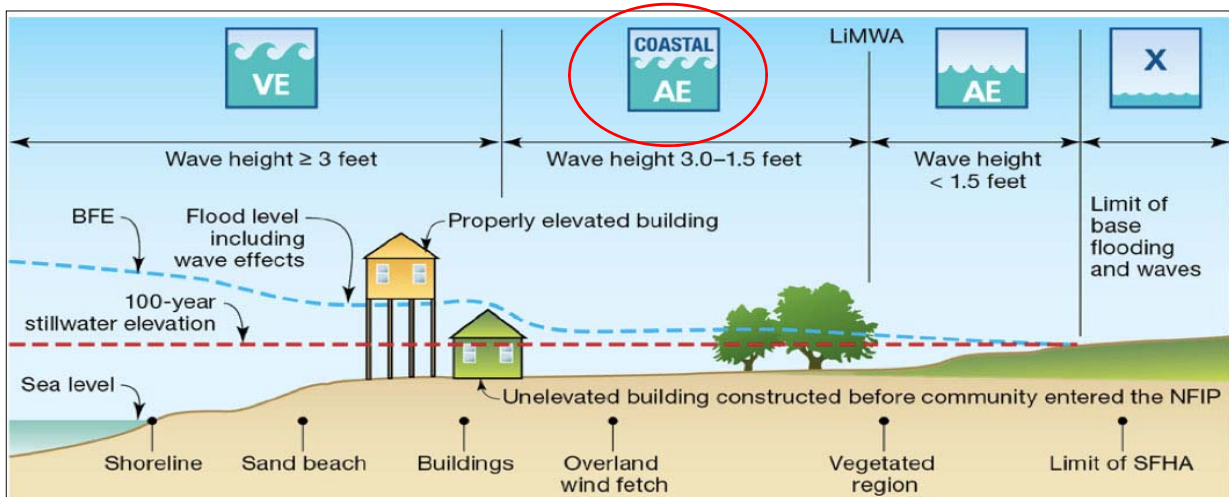
| | |
|---|-----|
| First Floor Elevation (FFE) /Vault Hatch | 7.3 |
| First Floor above 100-Year Flood Elevation / Base Flood Elevation (BFE) | No |
| Ground Elevation | 7.3 |

FLOOD INFORMATION

| | |
|---------------------------------------|------------|
| FEMA Flood Zone | Coastal AE |
| FEMA Flood Elevation (100-Year (BFE)) | 14 |

ACTION PLAN CRITICAL FACTORS

Elevation at which Water Enters Building **7.3**



Source: FEMA Coastal Flood Hazard Mapping Studies, May 2013

SPECIAL NOTIFICATION REQUIREMENTS

Contact Utility Emergency Response Manager: **GUY CAMPINHA**, Water Pollution Control Director (508) 958-4290

NOTE: If Contact Utility Emergency Response Manager is Unavailable, Proceed to Contact Primary and Secondary Emergency Operations Center as Needed

Emergency Operations Center - Primary Contacts

| | |
|----------------------------|----------------------|
| Wareham Dispatch (Wareham) | 911 / (508) 295-1212 |
| Wareham Dispatch (Onset) | 911 / (508) 295-1212 |

Emergency Operations Center - Alternate Contacts

| | |
|--------------------------------------|----------------------|
| Wareham Police Department (Dispatch) | 911 / (508) 295-1212 |
| Wareham Fire Department (Fire) | (508) 295-2323 |
| Onset Fire (Fire) | (508) 295-2121 |



Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan



NOT TO SCALE

ACTION PLAN CRITICAL FACTORS

| | |
|--|-----|
| FEMA 100-YR Flood Elevation | 14 |
| Elevation at which Water Enters Building | 7.3 |

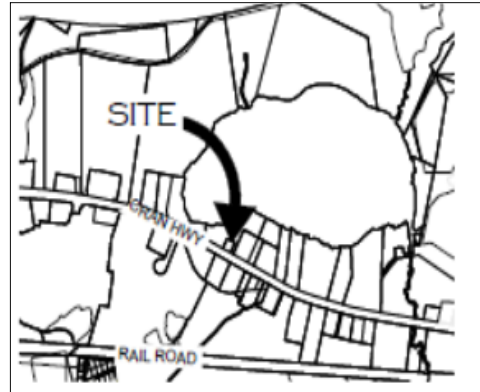
Consider Station Shutdown when water surface elevation is forecasted to be at or above

7.3

Town of Wareham Water Pollution Control Facility Emergency Response Plan - Action Plan

GENERAL

| | |
|------------------------|--------------------|
| Site # | #14 |
| Name of Pump Station | Dick's Pond |
| Address | 3018 Cranberry Hwy |
| Latitude/Longitude | 41.7587/ -70.6603 |
| Type of Station | Wet / Dry Well |
| Superstructure Present | Yes |
| Date Commissioned | 1989 |



LOCUS - NOT TO SCALE

BUILDING INFORMATION

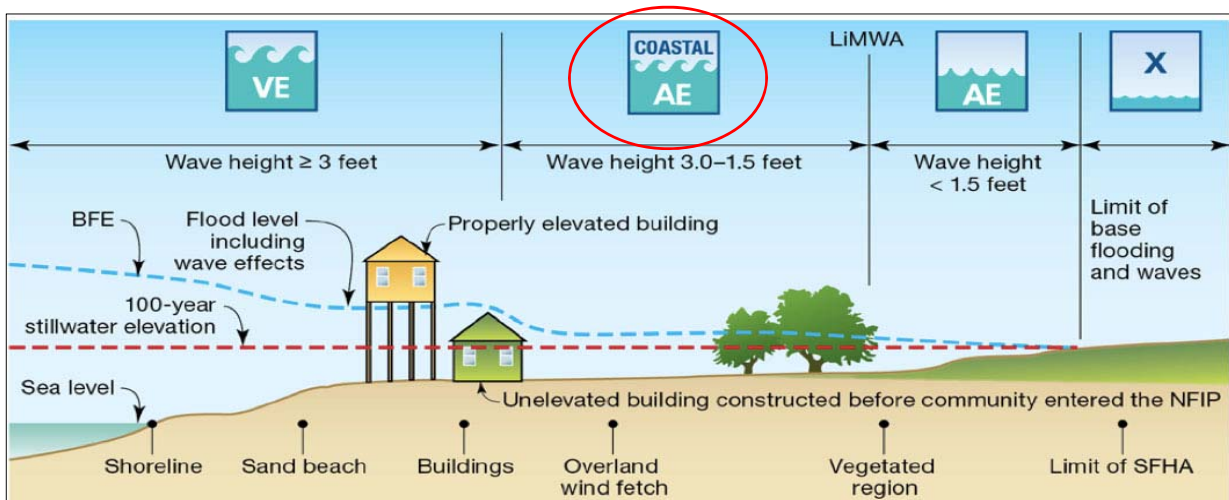
| | |
|---|------|
| First Floor Elevation (FFE) /Vault Hatch | 14.9 |
| First Floor above 100-Year Flood Elevation / Base Flood Elevation (BFE) | Yes |
| Ground Elevation | 9.8 |
| Sewer Manhole Rim Elevation | 9.8 |

FLOOD INFORMATION

| | |
|---------------------------------------|------------|
| FEMA Flood Zone | Coastal AE |
| FEMA Flood Elevation (100-Year (BFE)) | 14 |

ACTION PLAN CRITICAL FACTORS

| | |
|--|------|
| Structure Theoretically Compromised | 17.4 |
| Elevation at which Water Enters Building | 14.9 |



Source: FEMA Coastal Flood Hazard Mapping Studies, May 2013

SPECIAL NOTIFICATION REQUIREMENTS

Contact Utility Emergency Response Manager: **GUY CAMPINHA**, Water Pollution Control Director (508) 958-4290

NOTE: If Contact Utility Emergency Response Manager is Unavailable, Proceed to Contact Primary and Secondary Emergency Operations Center as Needed

Emergency Operations Center - Primary Contacts

| | |
|----------------------------|----------------------|
| Wareham Dispatch (Wareham) | 911 / (508) 295-1212 |
| Wareham Dispatch (Onset) | 911 / (508) 295-1212 |

Emergency Operations Center - Alternate Contacts

| | |
|--------------------------------------|----------------------|
| Wareham Police Department (Dispatch) | 911 / (508) 295-1212 |
| Wareham Fire Department (Fire) | (508) 295-2323 |
| Onset Fire (Fire) | (508) 295-2121 |

SPECIAL RESPONSE STEPS

**DO NOT ENTER BUILDING WHEN FLOOD WATERS ARE 2.5 FEET ABOVE FIRST FLOOR ELEVATION OR ABOVE ELEVATION 17.4.
THIS IS THE CRITICAL HEIGHT FOR STRUCTURAL DAMAGE AND PERSONNEL SHOULD NOT ENTER PUMP STATION**



Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan



NOT TO SCALE

ACTION PLAN CRITICAL FACTORS

| | |
|--|------|
| Structure Theoretically Compromised | 17.4 |
| FEMA 100-YR Flood Elevation | 14 |
| Elevation at which Water Enters Building | 14.9 |

Consider Station Shutdown when water surface elevation is forecasted to be at or above

14.9

Town of Wareham Water Pollution Control Facility Emergency Response Plan - Action Plan

GENERAL

| | |
|------------------------|-------------------|
| Site # | #15 |
| Name of Pump Station | Depot St |
| Address | 8 Depot St |
| Latitude/Longitude | 41.7601/ -70.6740 |
| Type of Station | Wet / Dry Well |
| Superstructure Present | Yes |
| Date Commissioned | 1989 |



LOCUS - NOT TO SCALE

BUILDING INFORMATION

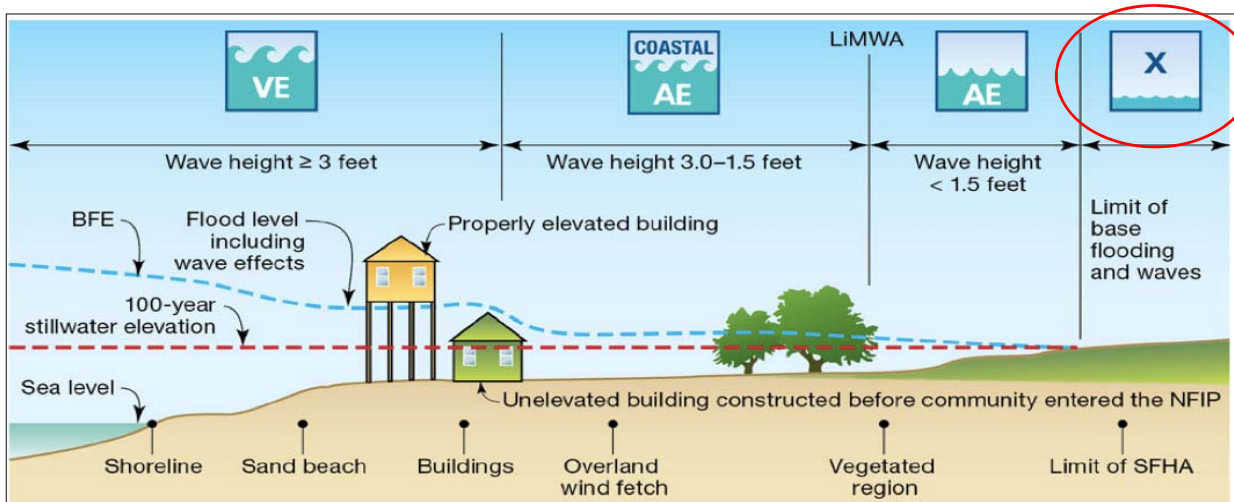
| | |
|---|------|
| First Floor Elevation (FFE) /Vault Hatch | 17.9 |
| First Floor above 100-Year Flood Elevation / Base Flood Elevation (BFE) | Yes |
| Ground Elevation | 15.2 |

FLOOD INFORMATION

| | |
|---------------------------------------|----|
| FEMA Flood Zone | X |
| FEMA Flood Elevation (100-Year (BFE)) | 14 |

ACTION PLAN CRITICAL FACTORS

| | |
|--|------|
| Structure Theoretically Compromised | 20.4 |
| Elevation at which Water Enters Building | 17.9 |



Source: FEMA Coastal Flood Hazard Mapping Studies, May 2013

SPECIAL NOTIFICATION REQUIREMENTS

Contact Utility Emergency Response Manager: **GUY CAMPINHA**, Water Pollution Control Director (508) 958-4290

NOTE: If Contact Utility Emergency Response Manager is Unavailable, Proceed to Contact Primary and Secondary Emergency Operations Center as Needed

Emergency Operations Center - Primary Contacts

| | |
|----------------------------|----------------------|
| Wareham Dispatch (Wareham) | 911 / (508) 295-1212 |
| Wareham Dispatch (Onset) | 911 / (508) 295-1212 |

Emergency Operations Center - Alternate Contacts

| | |
|--------------------------------------|----------------------|
| Wareham Police Department (Dispatch) | 911 / (508) 295-1212 |
| Wareham Fire Department (Fire) | (508) 295-2323 |
| Onset Fire (Fire) | (508) 295-2121 |

SPECIAL RESPONSE STEPS

DO NOT ENTER BUILDING WHEN FLOOD WATERS ARE 2.5 FEET ABOVE FIRST FLOOR ELEVATION OR ABOVE ELEVATION 20.4. THIS IS THE CRITICAL HEIGHT FOR STRUCTURAL DAMAGE AND PERSONNEL SHOULD NOT ENTER PUMP STATION



Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan



NOT TO SCALE

ACTION PLAN CRITICAL FACTORS

| | |
|--|------|
| Structure Theoretically Compromised | 20.4 |
| FEMA 100-YR Flood Elevation | 14 |
| Elevation at which Water Enters Building | 17.9 |

Consider Station Shutdown when water surface elevation is forecasted to be at or above

17.9

Town of Wareham Water Pollution Control Facility Emergency Response Plan - Action Plan

GENERAL

| | |
|------------------------|-------------------|
| Site # | #16 |
| Name of Pump Station | Linwood Ave |
| Address | 14 Linwood Ave |
| Latitude/Longitude | 41.7616/ -70.6858 |
| Type of Station | Submersible |
| Superstructure Present | No |
| Date Commissioned | 2011 |



LOCUS - NOT TO SCALE

BUILDING INFORMATION

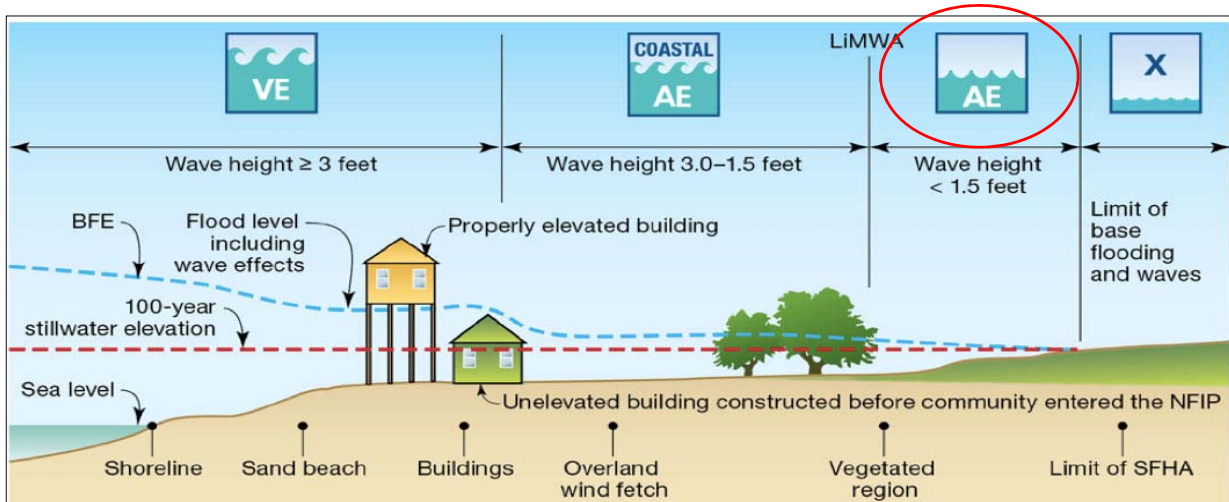
| | |
|---|------|
| First Floor Elevation (FFE) /Vault Hatch | 14.6 |
| First Floor above 100-Year Flood Elevation / Base Flood Elevation (BFE) | Yes |
| Ground Elevation | 14.6 |
| Sewer Manhole Rim Elevation | 11.3 |

FLOOD INFORMATION

| | |
|---------------------------------------|----|
| FEMA Flood Zone | AE |
| FEMA Flood Elevation (100-Year (BFE)) | 14 |

ACTION PLAN CRITICAL FACTORS

Elevation at which Water Enters Building **14.6**



Source: FEMA Coastal Flood Hazard Mapping Studies, May 2013

SPECIAL NOTIFICATION REQUIREMENTS

Contact Utility Emergency Response Manager: **GUY CAMPINHA**, Water Pollution Control Director (508) 958-4290

NOTE: If Contact Utility Emergency Response Manager is Unavailable, Proceed to Contact Primary and Secondary Emergency Operations Center as Needed

Emergency Operations Center - Primary Contacts

| | |
|----------------------------|----------------------|
| Wareham Dispatch (Wareham) | 911 / (508) 295-1212 |
| Wareham Dispatch (Onset) | 911 / (508) 295-1212 |

Emergency Operations Center - Alternate Contacts

| | |
|--------------------------------------|----------------------|
| Wareham Police Department (Dispatch) | 911 / (508) 295-1212 |
| Wareham Fire Department (Fire) | (508) 295-2323 |
| Onset Fire (Fire) | (508) 295-2121 |



Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan



NOT TO SCALE

ACTION PLAN CRITICAL FACTORS

| | |
|--|------|
| FEMA 100-YR Flood Elevation | 14 |
| Elevation at which Water Enters Building | 14.6 |

Consider Station Shutdown when water surface elevation is forecasted to be at or above

14.6

Town of Wareham Water Pollution Control Facility Emergency Response Plan - Action Plan

GENERAL

| | |
|------------------------|-------------------|
| Site # | #17 |
| Name of Pump Station | Apple St |
| Address | 1 Apple St |
| Latitude/Longitude | 41.7596/ -70.7003 |
| Type of Station | Submersible |
| Superstructure Present | No |
| Date Commissioned | 2012 |



BUILDING INFORMATION

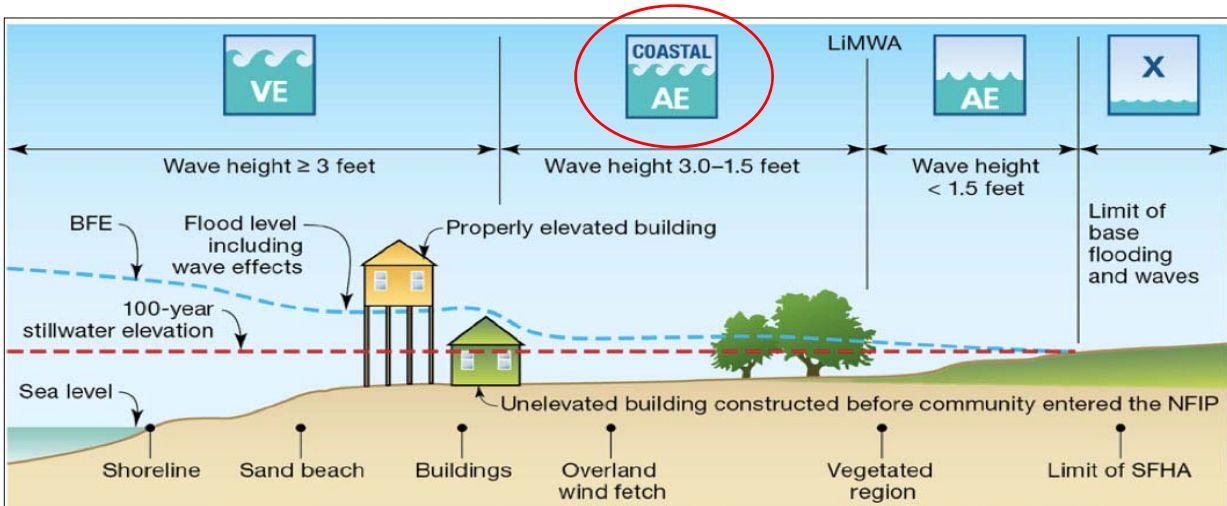
| | |
|---|----|
| First Floor Elevation (FFE) /Vault Hatch | 9 |
| First Floor above 100-Year Flood Elevation / Base Flood Elevation (BFE) | No |
| Ground Elevation | 9 |

FLOOD INFORMATION

| | |
|---------------------------------------|------------|
| FEMA Flood Zone | Coastal AE |
| FEMA Flood Elevation (100-Year (BFE)) | 14 |

ACTION PLAN CRITICAL FACTORS

Elevation at which Water Enters Building 9



Source: FEMA Coastal Flood Hazard Mapping Studies, May 2013

SPECIAL NOTIFICATION REQUIREMENTS

Contact Utility Emergency Response Manager: **GUY CAMPINHA**, Water Pollution Control Director (508) 958-4290

NOTE: If Contact Utility Emergency Response Manager is Unavailable, Proceed to Contact Primary and Secondary Emergency Operations Center as Needed

Emergency Operations Center - Primary Contacts

| | |
|----------------------------|----------------------|
| Wareham Dispatch (Wareham) | 911 / (508) 295-1212 |
| Wareham Dispatch (Onset) | 911 / (508) 295-1212 |

Emergency Operations Center - Alternate Contacts

| | |
|--------------------------------------|----------------------|
| Wareham Police Department (Dispatch) | 911 / (508) 295-1212 |
| Wareham Fire Department (Fire) | (508) 295-2323 |
| Onset Fire (Fire) | (508) 295-2121 |



Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan



NOT TO SCALE

ACTION PLAN CRITICAL FACTORS

| | |
|--|-----|
| FEMA 100-YR Flood Elevation | 14 |
| Elevation at which Water Enters Building | 9.0 |

Consider Station Shutdown when water surface elevation is forecasted to be at or above 9.0

Town of Wareham Water Pollution Control Facility Emergency Response Plan - Action Plan

GENERAL

| | |
|------------------------|-------------------|
| Site # | #18 |
| Name of Pump Station | Avenue A |
| Address | 20 Sandwich Rd |
| Latitude/Longitude | 41.7576/ -70.7097 |
| Type of Station | Submersible |
| Superstructure Present | No |
| Date Commissioned | 2011 |



LOCUS - NOT TO SCALE

BUILDING INFORMATION

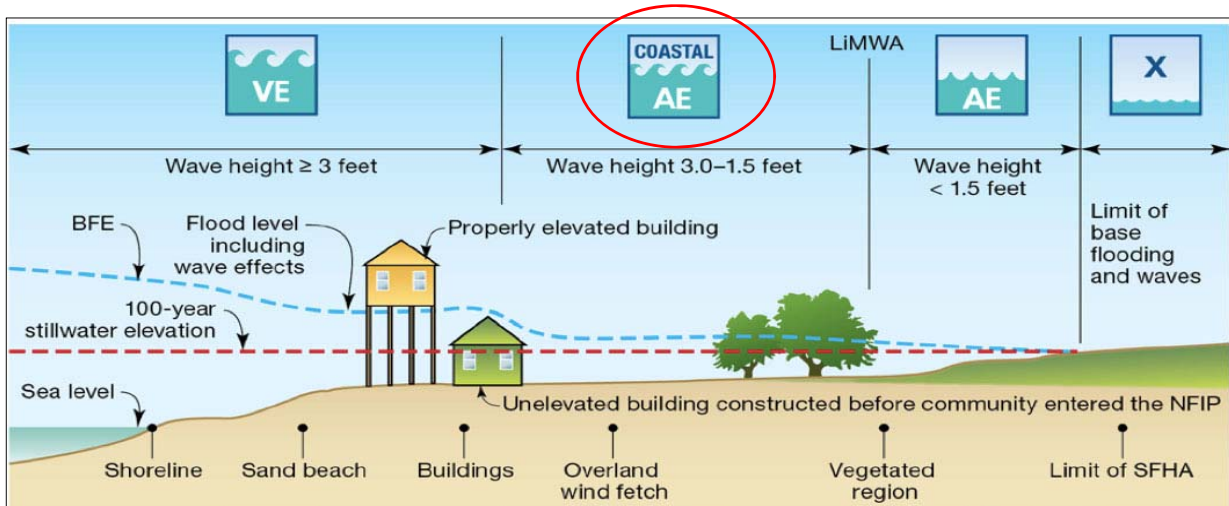
| | |
|---|-----|
| First Floor Elevation (FFE) /Vault Hatch | 7.1 |
| First Floor above 100-Year Flood Elevation / Base Flood Elevation (BFE) | No |
| Ground Elevation | 7.1 |

FLOOD INFORMATION

| | |
|---------------------------------------|------------|
| FEMA Flood Zone | Coastal AE |
| FEMA Flood Elevation (100-Year (BFE)) | 14 |

ACTION PLAN CRITICAL FACTORS

Elevation at which Water Enters Building 7.1



Source: FEMA Coastal Flood Hazard Mapping Studies, May 2013

SPECIAL NOTIFICATION REQUIREMENTS

Contact Utility Emergency Response Manager: **GUY CAMPINHA**, Water Pollution Control Director (508) 958-4290

NOTE: If Contact Utility Emergency Response Manager is Unavailable, Proceed to Contact Primary and Secondary Emergency Operations Center as Needed

Emergency Operations Center - Primary Contacts

| | |
|----------------------------|----------------------|
| Wareham Dispatch (Wareham) | 911 / (508) 295-1212 |
| Wareham Dispatch (Onset) | 911 / (508) 295-1212 |

Emergency Operations Center - Alternate Contacts

| | |
|--------------------------------------|----------------------|
| Wareham Police Department (Dispatch) | 911 / (508) 295-1212 |
| Wareham Fire Department (Fire) | (508) 295-2323 |
| Onset Fire (Fire) | (508) 295-2121 |



Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan



NOT TO SCALE

ACTION PLAN CRITICAL FACTORS

| | |
|--|-----|
| FEMA 100-YR Flood Elevation | 14 |
| Elevation at which Water Enters Building | 7.1 |

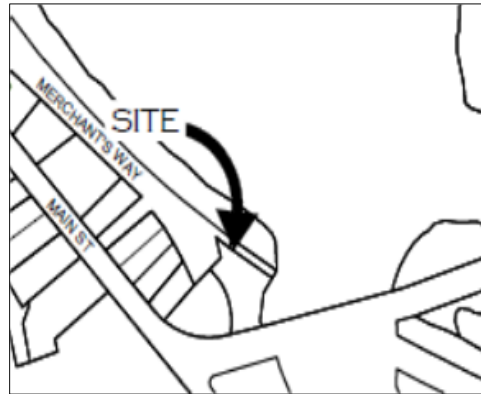
Consider Station Shutdown when water surface elevation is forecasted to be at or above

7.1

Town of Wareham Water Pollution Control Facility Emergency Response Plan - Action Plan

GENERAL

| | |
|------------------------|--------------------|
| Site # | #19 |
| Name of Pump Station | Narrows |
| Address | 1 Merchant's Way |
| Latitude/Longitude | 41.7572 / -70.7129 |
| Type of Station | Wet / Dry Well |
| Superstructure Present | Yes |
| Date Commissioned | 1970 |



LOCUS - NOT TO SCALE

BUILDING INFORMATION

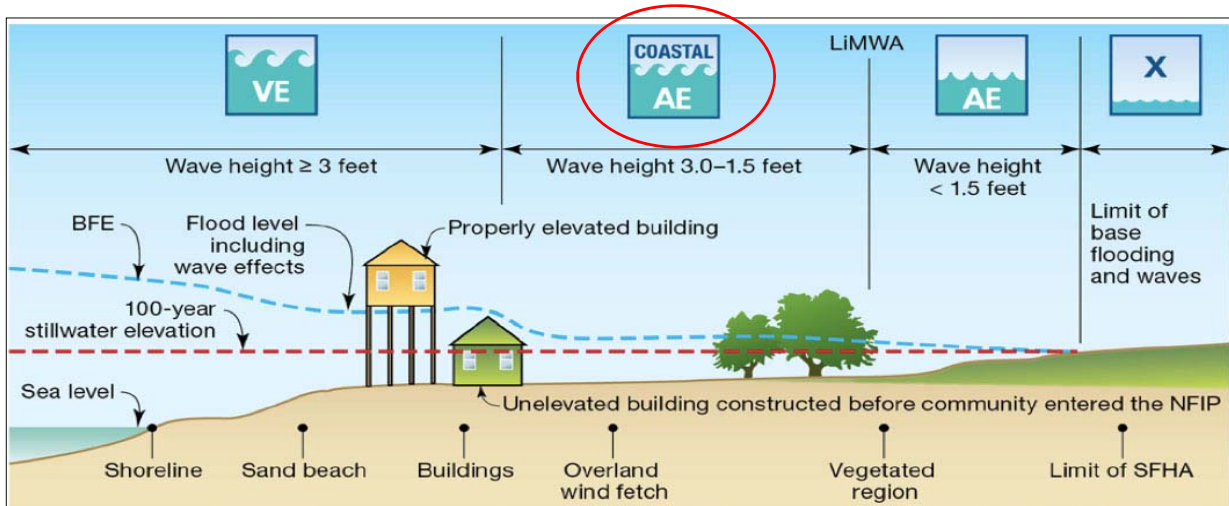
| | |
|---|------|
| First Floor Elevation (FFE) /Vault Hatch | 13.9 |
| First Floor above 100-Year Flood Elevation / Base Flood Elevation (BFE) | No |
| Ground Elevation | 11.6 |

FLOOD INFORMATION

| | |
|---------------------------------------|------------|
| FEMA Flood Zone | Coastal AE |
| FEMA Flood Elevation (100-Year (BFE)) | 14 |

ACTION PLAN CRITICAL FACTORS

| | |
|--|------|
| Structure Theoretically Compromised | 16.4 |
| Elevation at which Water Enters Building | 13.9 |



Source: FEMA Coastal Flood Hazard Mapping Studies, May 2013

SPECIAL NOTIFICATION REQUIREMENTS

Contact Utility Emergency Response Manager: **GUY CAMPINHA**, Water Pollution Control Director (508) 958-4290

NOTE: If Contact Utility Emergency Response Manager is Unavailable, Proceed to Contact Primary and Secondary Emergency Operations Center as Needed

Emergency Operations Center - Primary Contacts

| | |
|----------------------------|----------------------|
| Wareham Dispatch (Wareham) | 911 / (508) 295-1212 |
| Wareham Dispatch (Onset) | 911 / (508) 295-1212 |

Emergency Operations Center - Alternate Contacts

| | |
|--------------------------------------|----------------------|
| Wareham Police Department (Dispatch) | 911 / (508) 295-1212 |
| Wareham Fire Department (Fire) | (508) 295-2323 |
| Onset Fire (Fire) | (508) 295-2121 |

SPECIAL RESPONSE STEPS

**DO NOT ENTER BUILDING WHEN FLOOD WATERS ARE 2.5 FEET ABOVE FIRST FLOOR ELEVATION OR ABOVE ELEVATION 16.4.
THIS IS THE CRITICAL HEIGHT FOR STRUCTURAL DAMAGE AND PERSONNEL SHOULD NOT ENTER PUMP STATION**



Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan



NOT TO SCALE

ACTION PLAN CRITICAL FACTORS

| | |
|--|------|
| Structure Theoretically Compromised | 16.4 |
| FEMA 100-YR Flood Elevation | 14 |
| Elevation at which Water Enters Building | 13.9 |

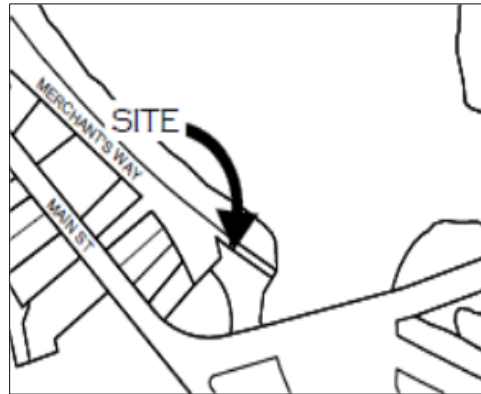
Consider Station Shutdown when water surface elevation is forecasted to be at or above

13.9

Town of Wareham Water Pollution Control Facility Emergency Response Plan - Action Plan

GENERAL

| | |
|------------------------|-------------------|
| Site # | #20 |
| Name of Pump Station | Indian Neck |
| Address | 32 Indian Neck Rd |
| Latitude/Longitude | 41.7560/ -70.7037 |
| Type of Station | Submersible |
| Superstructure Present | No |
| Date Commissioned | 2010 |



LOCUS - NOT TO SCALE

BUILDING INFORMATION

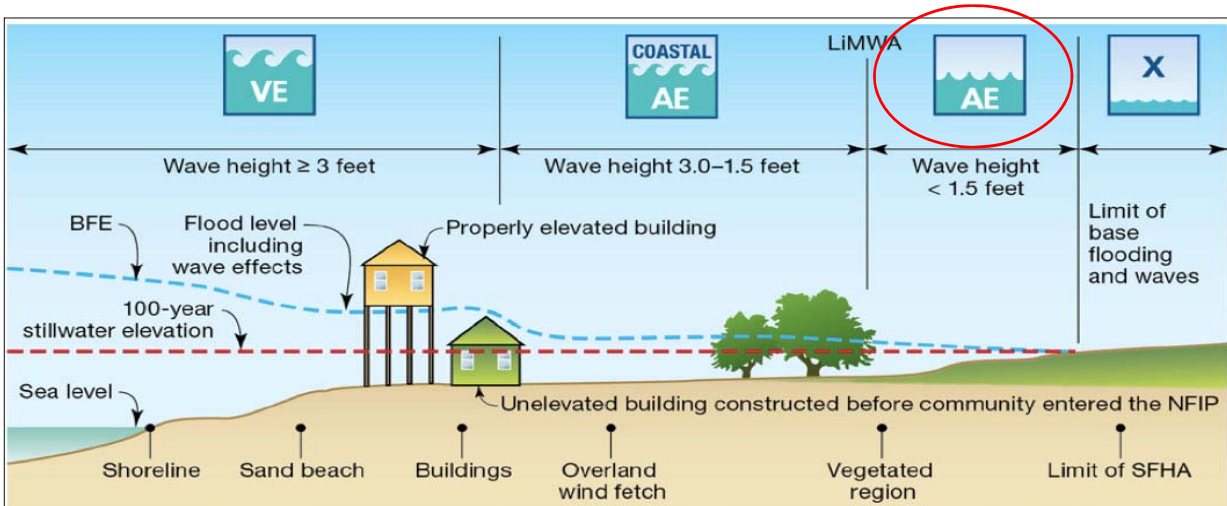
| | |
|---|------|
| First Floor Elevation (FFE) /Vault Hatch | 7.7 |
| First Floor above 100-Year Flood Elevation / Base Flood Elevation (BFE) | No |
| Ground Elevation | 14.6 |
| Sewer Manhole Rim Elevation | 7.8 |

FLOOD INFORMATION

| | |
|---------------------------------------|----|
| FEMA Flood Zone | AE |
| FEMA Flood Elevation (100-Year (BFE)) | 14 |

ACTION PLAN CRITICAL FACTORS

Elevation at which Water Enters Building **7.7**



Source: FEMA Coastal Flood Hazard Mapping Studies, May 2013

SPECIAL NOTIFICATION REQUIREMENTS

Contact Utility Emergency Response Manager: **GUY CAMPINHA**, Water Pollution Control Director (508) 958-4290

NOTE: If Contact Utility Emergency Response Manager is Unavailable, Proceed to Contact Primary and Secondary Emergency Operations Center as Needed

Emergency Operations Center - Primary Contacts

| | |
|----------------------------|----------------------|
| Wareham Dispatch (Wareham) | 911 / (508) 295-1212 |
| Wareham Dispatch (Onset) | 911 / (508) 295-1212 |

Emergency Operations Center - Alternate Contacts

| | |
|--------------------------------------|----------------------|
| Wareham Police Department (Dispatch) | 911 / (508) 295-1212 |
| Wareham Fire Department (Fire) | (508) 295-2323 |
| Onset Fire (Fire) | (508) 295-2121 |



Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan



NOT TO SCALE

ACTION PLAN CRITICAL FACTORS

| | |
|--|-----|
| FEMA 100-YR Flood Elevation | 14 |
| Elevation at which Water Enters Building | 7.7 |

Consider Station Shutdown when water surface elevation is forecasted to be at or above

7.7

Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan

GENERAL

| | |
|------------------------|-------------------|
| Site # | #21 |
| Name of Pump Station | Oak St |
| Address | 1 Oak Terr |
| Latitude/Longitude | 41.7508/ -70.6999 |
| Type of Station | Submersible |
| Superstructure Present | No |
| Date Commissioned | 2010 |

BUILDING INFORMATION

| | |
|---|------|
| First Floor Elevation (FFE) /Vault Hatch | 24.3 |
| First Floor above 100-Year Flood Elevation / Base Flood Elevation (BFE) | Yes |
| Ground Elevation | 24.3 |



LOCUS - NOT TO SCALE

THIS PUMP STATION IS NOT WITHIN A FLOOD ZONE; NO RESPONSE REQUIRED



Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan



Town of Wareham Water Pollution Control Facility Emergency Response Plan - Action Plan

GENERAL

| | |
|------------------------|-------------------|
| Site # | #22 |
| Name of Pump Station | Parkwood |
| Address | 89 Parkwood Dr. |
| Latitude/Longitude | 41.7439/ -70.6986 |
| Type of Station | Submersible |
| Superstructure Present | No |
| Date Commissioned | 2010 |



LOCUS - NOT TO SCALE

BUILDING INFORMATION

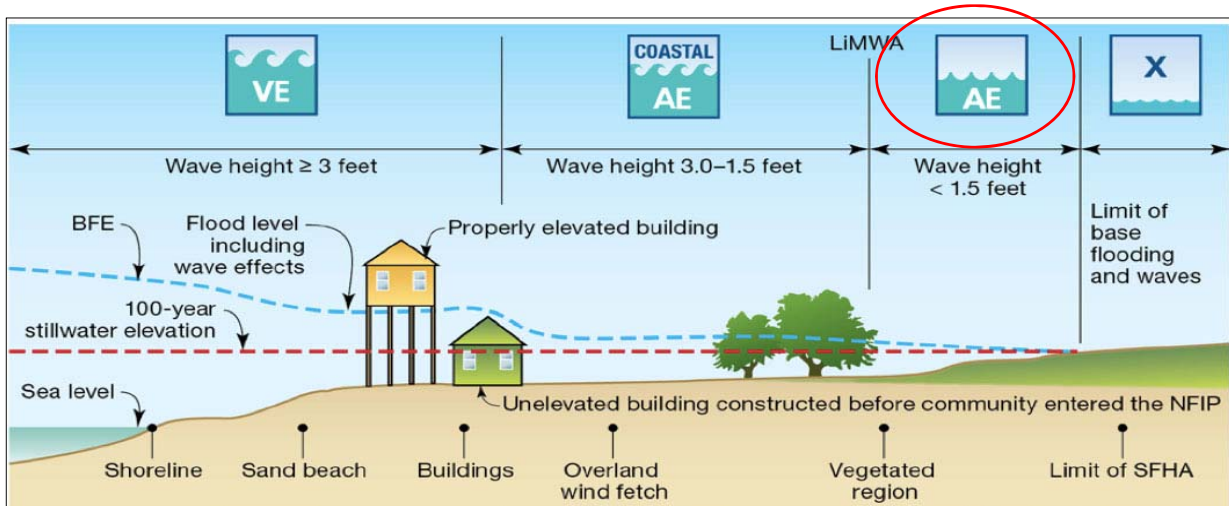
| | |
|---|------|
| First Floor Elevation (FFE) /Vault Hatch | 13.3 |
| First Floor above 100-Year Flood Elevation / Base Flood Elevation (BFE) | No |
| Ground Elevation | 13.3 |

FLOOD INFORMATION

| | |
|---------------------------------------|----|
| FEMA Flood Zone | AE |
| FEMA Flood Elevation (100-Year (BFE)) | 15 |

ACTION PLAN CRITICAL FACTORS

Elevation at which Water Enters Building **13.3**



Source: FEMA Coastal Flood Hazard Mapping Studies, May 2013

SPECIAL NOTIFICATION REQUIREMENTS

Contact Utility Emergency Response Manager: **GUY CAMPINHA**, Water Pollution Control Director (508) 958-4290

NOTE: If Contact Utility Emergency Response Manager is Unavailable, Proceed to Contact Primary and Secondary Emergency Operations Center as Needed

Emergency Operations Center - Primary Contacts

| | |
|----------------------------|----------------------|
| Wareham Dispatch (Wareham) | 911 / (508) 295-1212 |
| Wareham Dispatch (Onset) | 911 / (508) 295-1212 |

Emergency Operations Center - Alternate Contacts

| | |
|--------------------------------------|----------------------|
| Wareham Police Department (Dispatch) | 911 / (508) 295-1212 |
| Wareham Fire Department (Fire) | (508) 295-2323 |
| Onset Fire (Fire) | (508) 295-2121 |



Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan



NOT TO SCALE

ACTION PLAN CRITICAL FACTORS

FEMA 100-YR Flood Elevation 15
Elevation at which Water Enters Building 13.3

Consider Station Shutdown when water surface elevation is forecasted to be at or above

13.3

Town of Wareham Water Pollution Control Facility Emergency Response Plan - Action Plan

GENERAL

| | |
|------------------------|-------------------|
| Site # | #23 |
| Name of Pump Station | Pinehurst |
| Address | 23 Franconia Ave |
| Latitude/Longitude | 41.7490/ -70.7119 |
| Type of Station | Wet / Dry Well |
| Superstructure Present | Yes |
| Date Commissioned | 1978 |



LOCUS - NOT TO SCALE

BUILDING INFORMATION

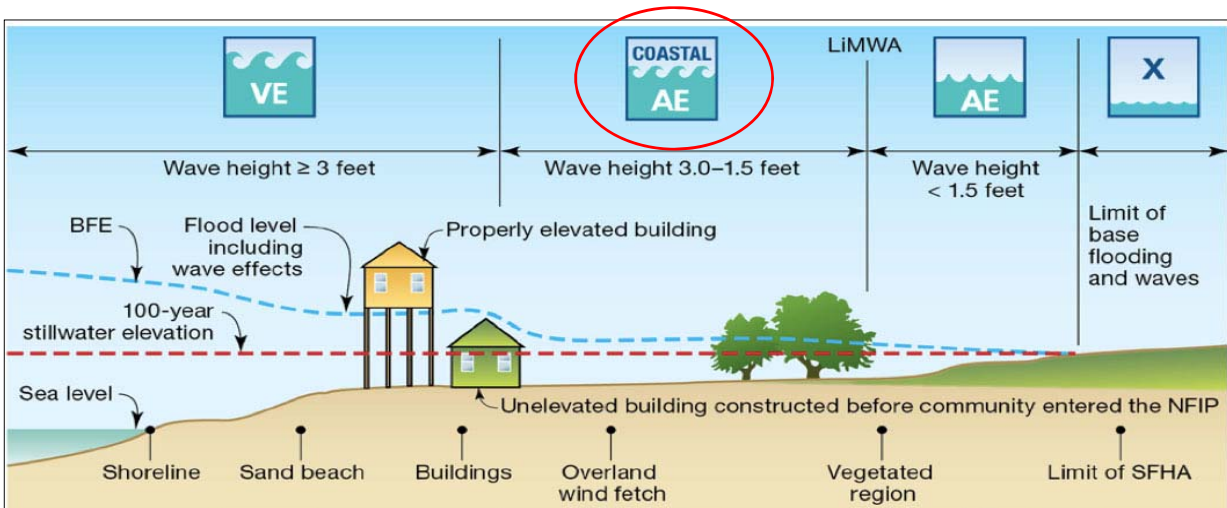
| | |
|---|------|
| First Floor Elevation (FFE) /Vault Hatch | 14.6 |
| First Floor above 100-Year Flood Elevation / Base Flood Elevation (BFE) | Yes |
| Ground Elevation | 11.2 |
| Sewer Manhole Rim Elevation | 9.0 |

FLOOD INFORMATION

| | |
|---------------------------------------|------------|
| FEMA Flood Zone | Coastal AE |
| FEMA Flood Elevation (100-Year (BFE)) | 14 |

ACTION PLAN CRITICAL FACTORS

| | |
|--|------|
| Structure Theoretically Compromised | 17.1 |
| Elevation at which Water Enters Building | 14.6 |



Source: FEMA Coastal Flood Hazard Mapping Studies, May 2013

SPECIAL NOTIFICATION REQUIREMENTS

Contact Utility Emergency Response Manager: **GUY CAMPINHA**, Water Pollution Control Director (508) 958-4290

NOTE: If Contact Utility Emergency Response Manager is Unavailable, Proceed to Contact Primary and Secondary Emergency Operations Center as Needed

Emergency Operations Center - Primary Contacts

| | |
|----------------------------|----------------------|
| Wareham Dispatch (Wareham) | 911 / (508) 295-1212 |
| Wareham Dispatch (Onset) | 911 / (508) 295-1212 |

Emergency Operations Center - Alternate Contacts

| | |
|--------------------------------------|----------------------|
| Wareham Police Department (Dispatch) | 911 / (508) 295-1212 |
| Wareham Fire Department (Fire) | (508) 295-2323 |
| Onset Fire (Fire) | (508) 295-2121 |

SPECIAL RESPONSE STEPS

**DO NOT ENTER BUILDING WHEN FLOOD WATERS ARE 2.5 FEET ABOVE FIRST FLOOR ELEVATION OR ABOVE ELEVATION 17.1
THIS IS THE CRITICAL HEIGHT FOR STRUCTURAL DAMAGE AND PERSONNEL SHOULD NOT ENTER PUMP STATION**



Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan



NOT TO SCALE

ACTION PLAN CRITICAL FACTORS

| | |
|--|------|
| Structure Theoretically Compromised | 17.1 |
| FEMA 100-YR Flood Elevation | 14 |
| Elevation at which Water Enters Building | 14.6 |

Consider Station Shutdown when water surface elevation is forecasted to be at or above

14.6

Town of Wareham Water Pollution Control Facility Emergency Response Plan - Action Plan

GENERAL

| | |
|------------------------|-------------------|
| Site # | #24 |
| Name of Pump Station | Kennedy Ln |
| Address | 7 Kennedy Lane |
| Latitude/Longitude | 41.7581/ -70.7209 |
| Type of Station | Wet / Dry Well |
| Superstructure Present | Yes |
| Date Commissioned | 2004 |



BUILDING INFORMATION

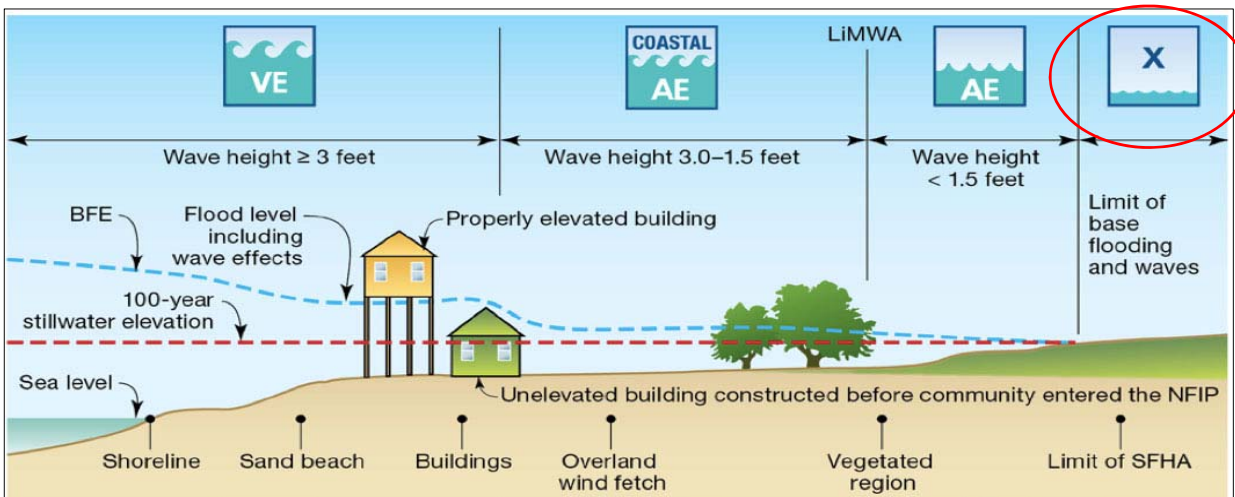
| | |
|---|------|
| First Floor Elevation (FFE) /Vault Hatch | 18.3 |
| First Floor above 100-Year Flood Elevation / Base Flood Elevation (BFE) | Yes |
| Ground Elevation | 16.9 |

FLOOD INFORMATION

| | |
|---------------------------------------|----|
| FEMA Flood Zone | X |
| FEMA Flood Elevation (100-Year (BFE)) | 14 |

ACTION PLAN CRITICAL FACTORS

| | |
|--|------|
| Structure Theoretically Compromised | 20.8 |
| Elevation at which Water Enters Building | 18.3 |



Source: FEMA Coastal Flood Hazard Mapping Studies, May 2013

SPECIAL NOTIFICATION REQUIREMENTS

Contact Utility Emergency Response Manager: **GUY CAMPINHA**, Water Pollution Control Director (508) 958-4290

NOTE: If Contact Utility Emergency Response Manager is Unavailable, Proceed to Contact Primary and Secondary Emergency Operations Center as Needed

Emergency Operations Center - Primary Contacts

| | |
|----------------------------|----------------------|
| Wareham Dispatch (Wareham) | 911 / (508) 295-1212 |
| Wareham Dispatch (Onset) | 911 / (508) 295-1212 |

Emergency Operations Center - Alternate Contacts

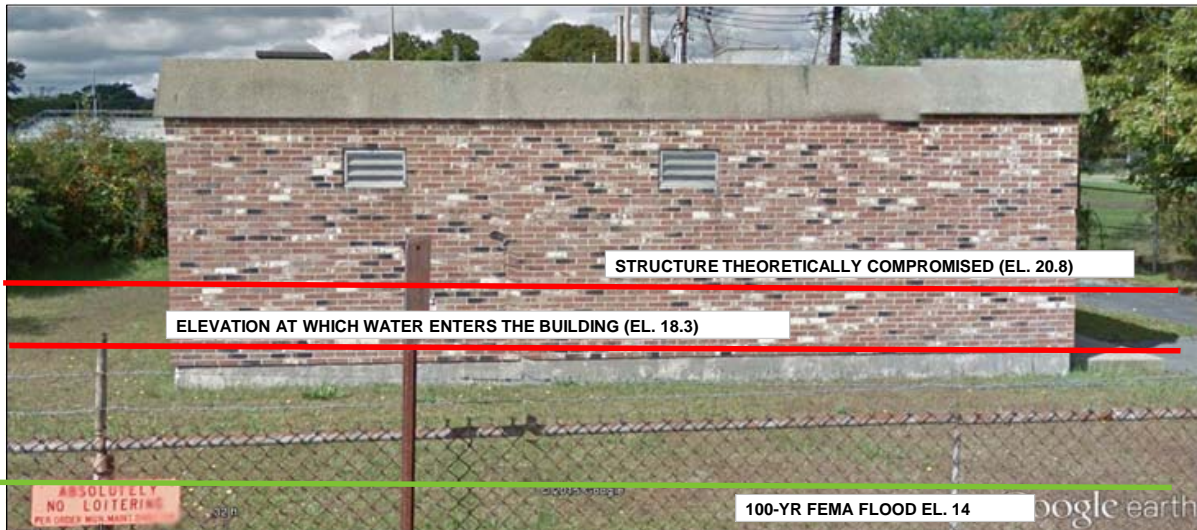
| | |
|--------------------------------------|----------------------|
| Wareham Police Department (Dispatch) | 911 / (508) 295-1212 |
| Wareham Fire Department (Fire) | (508) 295-2323 |
| Onset Fire (Fire) | (508) 295-2121 |

SPECIAL RESPONSE STEPS

**DO NOT ENTER BUILDING WHEN FLOOD WATERS ARE 2.5 FEET ABOVE FIRST FLOOR ELEVATION OR ABOVE ELEVATION 20.8
THIS IS THE CRITICAL HEIGHT FOR STRUCTURAL DAMAGE AND PERSONNEL SHOULD NOT ENTER PUMP STATION**



Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan



NOT TO SCALE

ACTION PLAN CRITICAL FACTORS

| | |
|--|------|
| Structure Theoretically Compromised | 20.8 |
| FEMA 100-YR Flood Elevation | 14 |
| Elevation at which Water Enters Building | 18.3 |

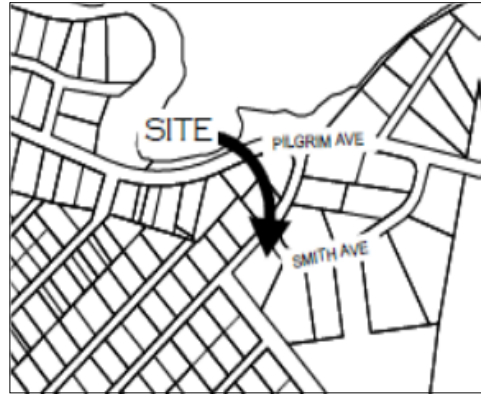
Consider Station Shutdown when water surface elevation is forecasted to be at or above

18.3

Town of Wareham Water Pollution Control Facility Emergency Response Plan - Action Plan

GENERAL

| | |
|------------------------|--------------------|
| Site # | #25 |
| Name of Pump Station | Smith Ave |
| Address | 5 Smith Ave |
| Latitude/Longitude | 41.7430 / -70.7157 |
| Type of Station | Wet / Dry Well |
| Superstructure Present | Yes |
| Date Commissioned | 1978 |



LOCUS - NOT TO SCALE

BUILDING INFORMATION

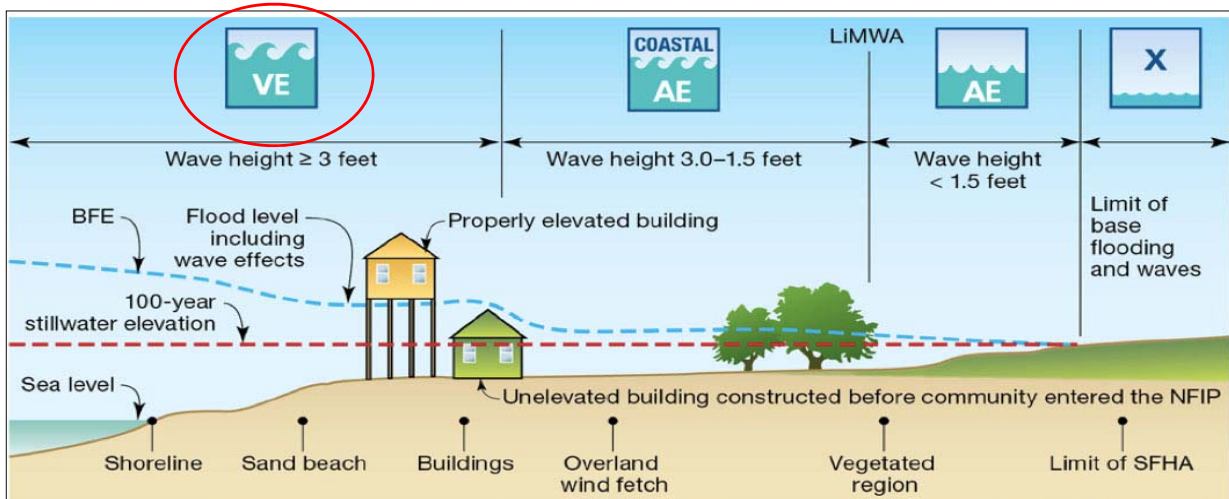
| | |
|---|------|
| First Floor Elevation (FFE) /Vault Hatch | 15.1 |
| First Floor above 100-Year Flood Elevation / Base Flood Elevation (BFE) | No |
| Ground Elevation | 8.8 |

FLOOD INFORMATION

| | |
|---------------------------------------|----|
| FEMA Flood Zone | VE |
| FEMA Flood Elevation (100-Year (BFE)) | 18 |

ACTION PLAN CRITICAL FACTORS

| | |
|--|------|
| Structure Theoretically Compromised | 17.6 |
| Elevation at which Water Enters Building | 15.1 |



Source: FEMA Coastal Flood Hazard Mapping Studies, May 2013

SPECIAL NOTIFICATION REQUIREMENTS

Contact Utility Emergency Response Manager: **GUY CAMPINHA**, Water Pollution Control Director (508) 958-4290

NOTE: If Contact Utility Emergency Response Manager is Unavailable, Proceed to Contact Primary and Secondary Emergency Operations Center as Needed

Emergency Operations Center - Primary Contacts

| | |
|----------------------------|----------------------|
| Wareham Dispatch (Wareham) | 911 / (508) 295-1212 |
| Wareham Dispatch (Onset) | 911 / (508) 295-1212 |

Emergency Operations Center - Alternate Contacts

| | |
|--------------------------------------|----------------------|
| Wareham Police Department (Dispatch) | 911 / (508) 295-1212 |
| Wareham Fire Department (Fire) | (508) 295-2323 |
| Onset Fire (Fire) | (508) 295-2121 |

SPECIAL RESPONSE STEPS

**DO NOT ENTER BUILDING WHEN FLOOD WATERS ARE 2.5 FEET ABOVE FIRST FLOOR ELEVATION OR ABOVE ELEVATION 17.6
THIS IS THE CRITICAL HEIGHT FOR STRUCTURAL DAMAGE AND PERSONNEL SHOULD NOT ENTER PUMP STATION**



Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan



NOT TO SCALE

ACTION PLAN CRITICAL FACTORS

| | |
|--|------|
| Structure Theoretically Compromised | 17.6 |
| FEMA 100-YR Flood Elevation | 18 |
| Elevation at which Water Enters Building | 15.1 |

Consider Station Shutdown when water surface elevation is forecasted to be at or above

15.1

Town of Wareham Water Pollution Control Facility Emergency Response Plan - Action Plan

GENERAL

| | |
|------------------------|--------------------|
| Site # | #26 |
| Name of Pump Station | Ruggles |
| Address | 7 Ruggles St |
| Latitude/Longitude | 41.7383 / -70.7187 |
| Type of Station | Wet / Dry Well |
| Superstructure Present | Yes |
| Date Commissioned | 2012 |



LOCUS - NOT TO SCALE

BUILDING INFORMATION

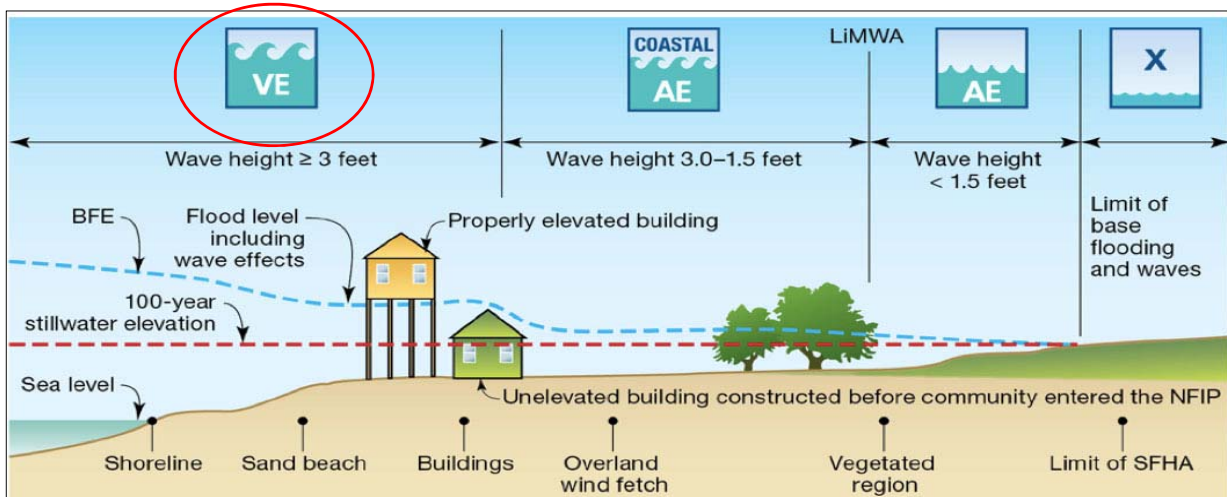
| | |
|---|------|
| First Floor Elevation (FFE) /Vault Hatch | 14.6 |
| First Floor above 100-Year Flood Elevation / Base Flood Elevation (BFE) | No |
| Ground Elevation | 5.9 |

FLOOD INFORMATION

| | |
|---------------------------------------|----|
| FEMA Flood Zone | VE |
| FEMA Flood Elevation (100-Year (BFE)) | 20 |

ACTION PLAN CRITICAL FACTORS

| | |
|--|------|
| Structure Theoretically Compromised | 17.1 |
| Elevation at which Water Enters Building | 14.6 |



Source: FEMA Coastal Flood Hazard Mapping Studies, May 2013

SPECIAL NOTIFICATION REQUIREMENTS

Contact Utility Emergency Response Manager: **GUY CAMPINHA**, Water Pollution Control Director (508) 958-4290

NOTE: If Contact Utility Emergency Response Manager is Unavailable, Proceed to Contact Primary and Secondary Emergency Operations Center as Needed

Emergency Operations Center - Primary Contacts

| | |
|----------------------------|----------------------|
| Wareham Dispatch (Wareham) | 911 / (508) 295-1212 |
| Wareham Dispatch (Onset) | 911 / (508) 295-1212 |

Emergency Operations Center - Alternate Contacts

| | |
|--------------------------------------|----------------------|
| Wareham Police Department (Dispatch) | 911 / (508) 295-1212 |
| Wareham Fire Department (Fire) | (508) 295-2323 |
| Onset Fire (Fire) | (508) 295-2121 |

SPECIAL RESPONSE STEPS

**DO NOT ENTER BUILDING WHEN FLOOD WATERS ARE 2.5 FEET ABOVE FIRST FLOOR ELEVATION OR ABOVE ELEVATION 17.1
THIS IS THE CRITICAL HEIGHT FOR STRUCTURAL DAMAGE AND PERSONNEL SHOULD NOT ENTER PUMP STATION**



Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan



NOT TO SCALE

ACTION PLAN CRITICAL FACTORS

| | |
|--|------|
| Structure Theoretically Compromised | 17.1 |
| FEMA 100-YR Flood Elevation | 20 |
| Elevation at which Water Enters Building | 14.6 |

Consider Station Shutdown when water surface elevation is forecasted to be at or above

14.6

Town of Wareham Water Pollution Control Facility Emergency Response Plan - Action Plan

GENERAL

| | |
|------------------------|--------------------|
| Site # | #27 |
| Name of Pump Station | Cromesset Rd |
| Address | 151 Cromesset Rd |
| Latitude/Longitude | 41.7362 / -70.7347 |
| Type of Station | Submersible |
| Superstructure Present | No |
| Date Commissioned | 2012 |



BUILDING INFORMATION

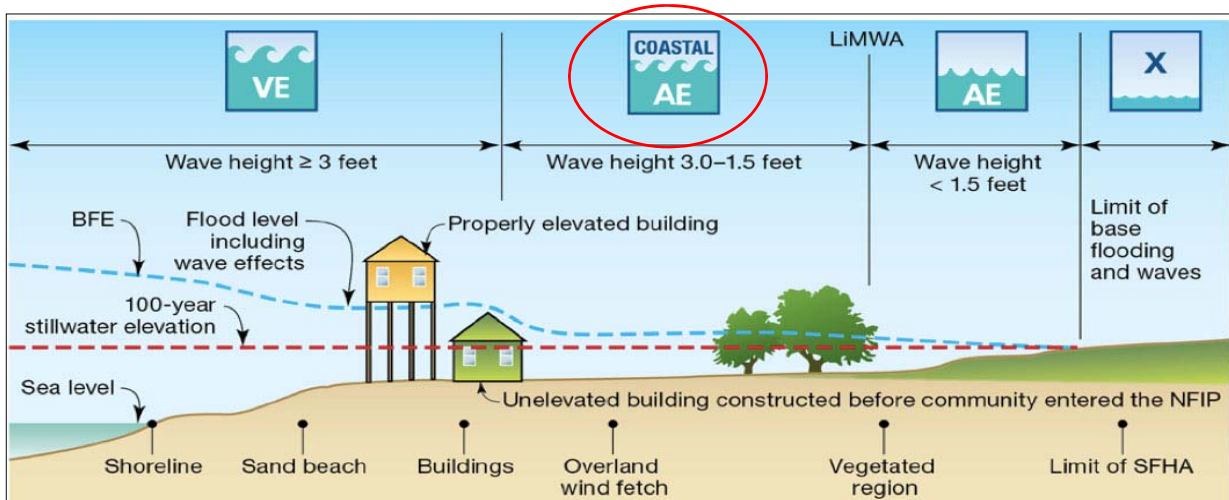
| | |
|---|------|
| First Floor Elevation (FFE) /Vault Hatch | 11.5 |
| First Floor above 100-Year Flood Elevation / Base Flood Elevation (BFE) | No |
| Ground Elevation | 11.5 |

FLOOD INFORMATION

| | |
|---------------------------------------|------------|
| FEMA Flood Zone | Coastal AE |
| FEMA Flood Elevation (100-Year (BFE)) | 16 |

ACTION PLAN CRITICAL FACTORS

Elevation at which Water Enters Building 11.5



Source: FEMA Coastal Flood Hazard Mapping Studies, May 2013

SPECIAL NOTIFICATION REQUIREMENTS

Contact Utility Emergency Response Manager: **GUY CAMPINHA**, Water Pollution Control Director (508) 958-4290

NOTE: If Contact Utility Emergency Response Manager is Unavailable, Proceed to Contact Primary and Secondary Emergency Operations Center as Needed

Emergency Operations Center - Primary Contacts

| | |
|----------------------------|----------------------|
| Wareham Dispatch (Wareham) | 911 / (508) 295-1212 |
| Wareham Dispatch (Onset) | 911 / (508) 295-1212 |

Emergency Operations Center - Alternate Contacts

| | |
|--------------------------------------|----------------------|
| Wareham Police Department (Dispatch) | 911 / (508) 295-1212 |
| Wareham Fire Department (Fire) | (508) 295-2323 |
| Onset Fire (Fire) | (508) 295-2121 |



Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan



NOT TO SCALE

ACTION PLAN CRITICAL FACTORS

| | |
|--|------|
| FEMA 100-YR Flood Elevation | 16 |
| Elevation at which Water Enters Building | 11.5 |

Consider Station Shutdown when water surface elevation is forecasted to be at or above

11.5

Town of Wareham Water Pollution Control Facility Emergency Response Plan - Action Plan

GENERAL

| | |
|------------------------|--------------------|
| Site # | #28 |
| Name of Pump Station | Briarwood |
| Address | 15 Briarwood Dr |
| Latitude/Longitude | 41.7387 / -70.7415 |
| Type of Station | Submersible |
| Superstructure Present | No |
| Date Commissioned | 2006 |



BUILDING INFORMATION

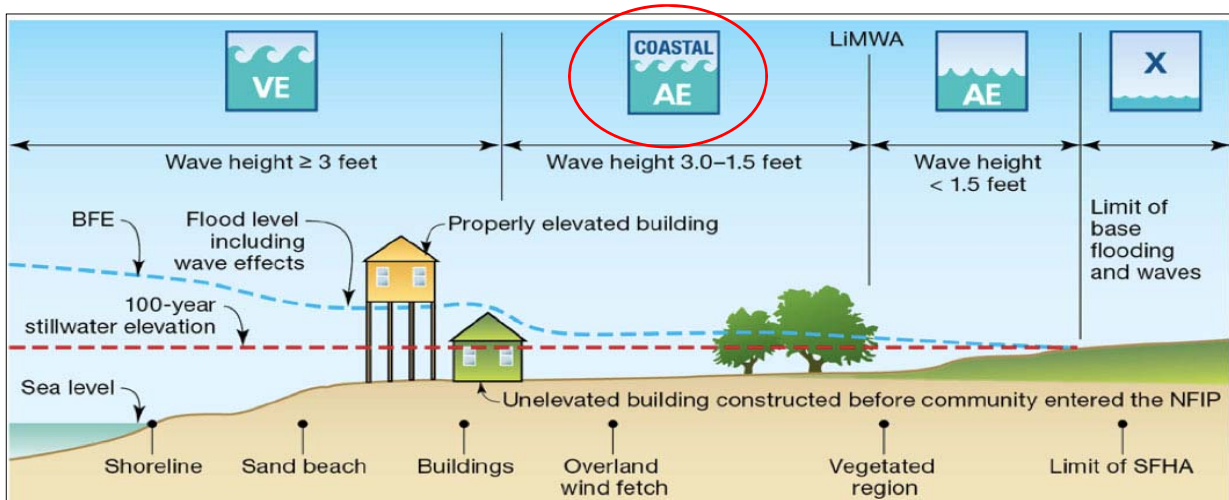
| | |
|---|-----|
| First Floor Elevation (FFE) /Vault Hatch | 9.3 |
| First Floor above 100-Year Flood Elevation / Base Flood Elevation (BFE) | No |
| Ground Elevation | 8 |

FLOOD INFORMATION

| | |
|---------------------------------------|------------|
| FEMA Flood Zone | Coastal AE |
| FEMA Flood Elevation (100-Year (BFE)) | 15 |

ACTION PLAN CRITICAL FACTORS

Elevation at which Water Enters Building **9.3**



Source: FEMA Coastal Flood Hazard Mapping Studies, May 2013

SPECIAL NOTIFICATION REQUIREMENTS

Contact Utility Emergency Response Manager: **GUY CAMPINHA**, Water Pollution Control Director (508) 958-4290

**NOTE: If Contact Utility Emergency Response Manager is Unavailable,
Proceed to Contact Primary and Secondary Emergency Operations Center as Needed**

Emergency Operations Center - Primary Contacts

| | |
|----------------------------|----------------------|
| Wareham Dispatch (Wareham) | 911 / (508) 295-1212 |
| Wareham Dispatch (Onset) | 911 / (508) 295-1212 |

Emergency Operations Center - Alternate Contacts

| | |
|--------------------------------------|----------------------|
| Wareham Police Department (Dispatch) | 911 / (508) 295-1212 |
| Wareham Fire Department (Fire) | (508) 295-2323 |
| Onset Fire (Fire) | (508) 295-2121 |



Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan



NOT TO SCALE

ACTION PLAN CRITICAL FACTORS

| | |
|--|-----|
| FEMA 100-YR Flood Elevation | 15 |
| Elevation at which Water Enters Building | 9.3 |

Consider Station Shutdown when water surface elevation is forecasted to be at or above 9.3

Town of Wareham Water Pollution Control Facility Emergency Response Plan - Action Plan

GENERAL

| | |
|------------------------|--------------------|
| Site # | #29 |
| Name of Pump Station | Arnold |
| Address | 35 Arnold St |
| Latitude/Longitude | 41.7427 / -70.7497 |
| Type of Station | Submersible |
| Superstructure Present | No |
| Date Commissioned | 2006 |



BUILDING INFORMATION

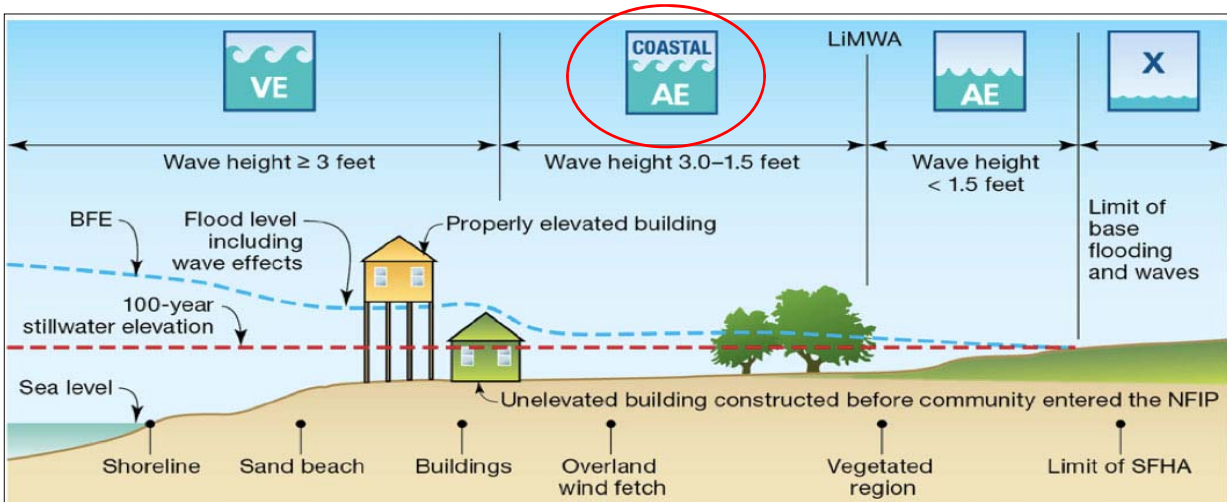
| | |
|---|-----|
| First Floor Elevation (FFE) /Vault Hatch | 6.8 |
| First Floor above 100-Year Flood Elevation / Base Flood Elevation (BFE) | No |
| Ground Elevation | 6.8 |

FLOOD INFORMATION

| | |
|---------------------------------------|------------|
| FEMA Flood Zone | Coastal AE |
| FEMA Flood Elevation (100-Year (BFE)) | 14 |

ACTION PLAN CRITICAL FACTORS

Elevation at which Water Enters Building **6.8**



Source: FEMA Coastal Flood Hazard Mapping Studies, May 2013

SPECIAL NOTIFICATION REQUIREMENTS

Contact Utility Emergency Response Manager: **GUY CAMPINHA**, Water Pollution Control Director (508) 958-4290

**NOTE: If Contact Utility Emergency Response Manager is Unavailable,
Proceed to Contact Primary and Secondary Emergency Operations Center as Needed**

Emergency Operations Center - Primary Contacts

| | |
|----------------------------|----------------------|
| Wareham Dispatch (Wareham) | 911 / (508) 295-1212 |
| Wareham Dispatch (Onset) | 911 / (508) 295-1212 |

Emergency Operations Center - Alternate Contacts

| | |
|--------------------------------------|----------------------|
| Wareham Police Department (Dispatch) | 911 / (508) 295-1212 |
| Wareham Fire Department (Fire) | (508) 295-2323 |
| Onset Fire (Fire) | (508) 295-2121 |



Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan



NOT TO SCALE

ACTION PLAN CRITICAL FACTORS

| | |
|--|-----|
| FEMA 100-YR Flood Elevation | 14 |
| Elevation at which Water Enters Building | 6.8 |

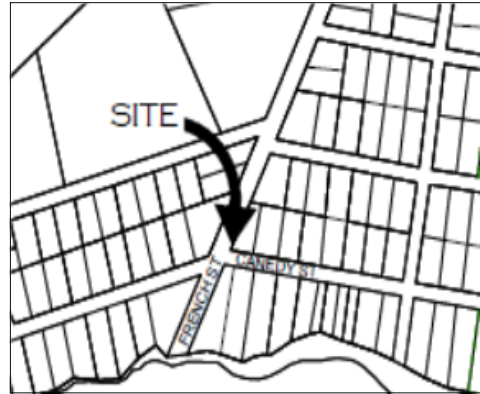
Consider Station Shutdown when water surface elevation is forecasted to be at or above

6.8

Town of Wareham Water Pollution Control Facility Emergency Response Plan - Action Plan

GENERAL

| | |
|------------------------|--------------------|
| Site # | #30 |
| Name of Pump Station | French St |
| Address | 35 Canedy St |
| Latitude/Longitude | 41.7435 \ -70.7566 |
| Type of Station | Submersible |
| Superstructure Present | No |
| Date Commissioned | 2006 |



BUILDING INFORMATION

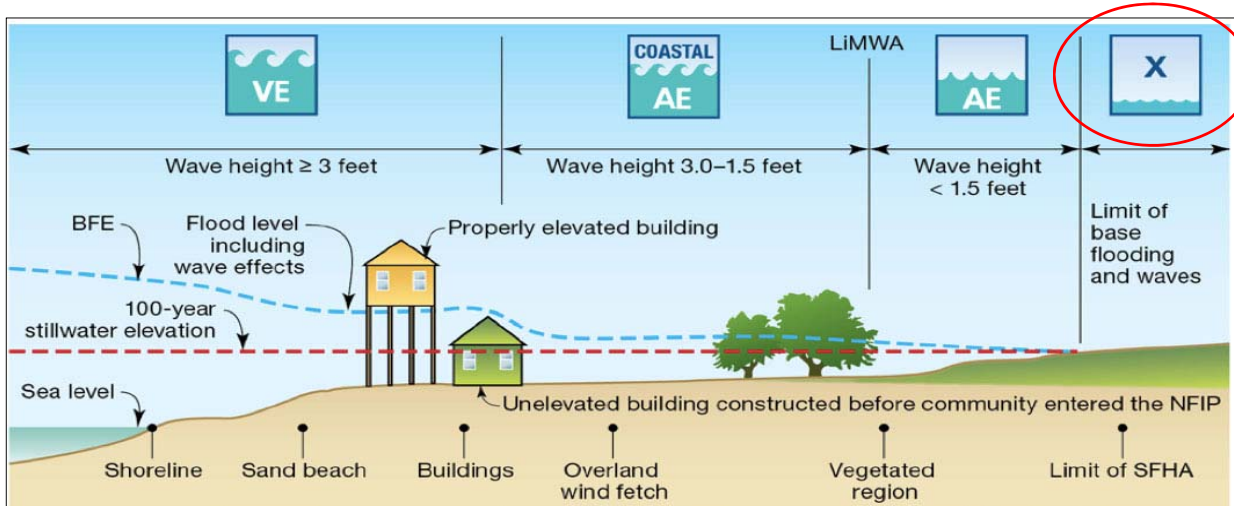
| | |
|---|------|
| First Floor Elevation (FFE) /Vault Hatch | 15.1 |
| First Floor above 100-Year Flood Elevation / Base Flood Elevation (BFE) | Yes |
| Ground Elevation | 15.1 |

FLOOD INFORMATION

| | |
|---------------------------------------|----|
| FEMA Flood Zone | X |
| FEMA Flood Elevation (100-Year (BFE)) | 14 |

ACTION PLAN CRITICAL FACTORS

Elevation at which Water Enters Building **15.1**



Source: FEMA Coastal Flood Hazard Mapping Studies, May 2013

SPECIAL NOTIFICATION REQUIREMENTS

Contact Utility Emergency Response Manager: **GUY CAMPINHA**, Water Pollution Control Director (508) 958-4290

NOTE: If Contact Utility Emergency Response Manager is Unavailable, Proceed to Contact Primary and Secondary Emergency Operations Center as Needed

Emergency Operations Center - Primary Contacts

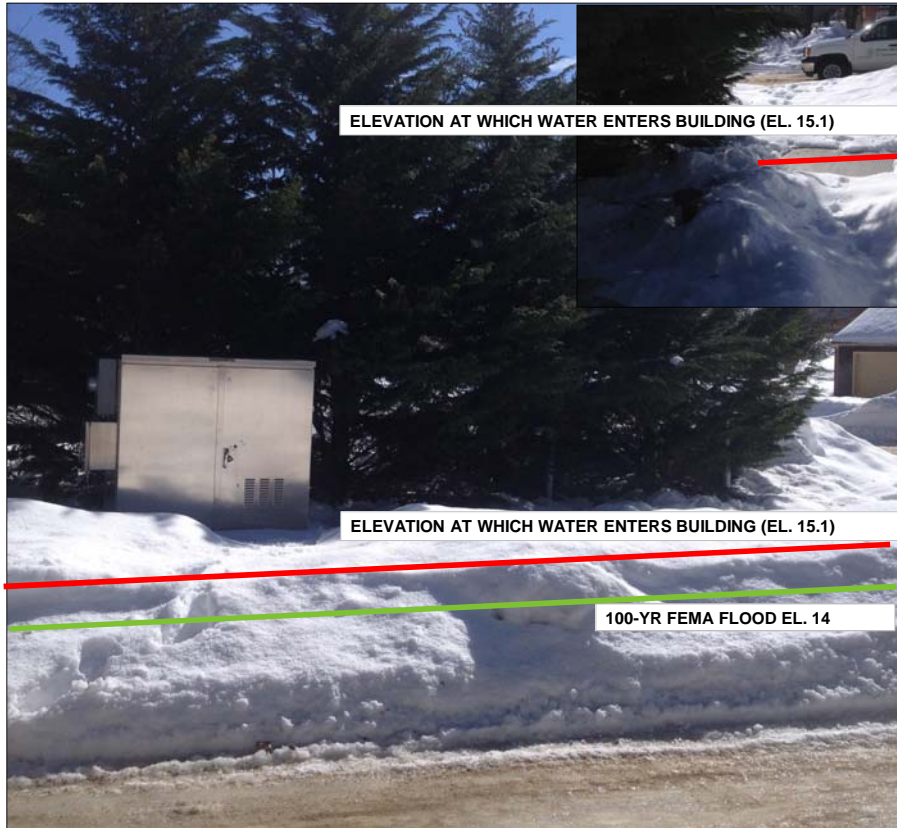
| | |
|----------------------------|----------------------|
| Wareham Dispatch (Wareham) | 911 / (508) 295-1212 |
| Wareham Dispatch (Onset) | 911 / (508) 295-1212 |

Emergency Operations Center - Alternate Contacts

| | |
|--------------------------------------|----------------------|
| Wareham Police Department (Dispatch) | 911 / (508) 295-1212 |
| Wareham Fire Department (Fire) | (508) 295-2323 |
| Onset Fire (Fire) | (508) 295-2121 |



Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan



NOT TO SCALE

ACTION PLAN CRITICAL FACTORS

| | |
|--|------|
| FEMA 100-YR Flood Elevation | 14 |
| Elevation at which Water Enters Building | 15.1 |

Consider Station Shutdown when water surface elevation is forecasted to be at or above

15.1

Town of Wareham Water Pollution Control Facility Emergency Response Plan - Action Plan

GENERAL

| | |
|------------------------|--------------------|
| Site # | #31 |
| Name of Pump Station | Hathaway |
| Address | |
| Latitude/Longitude | 41.7456 / -70.7411 |
| Type of Station | Submersible |
| Superstructure Present | No |
| Date Commissioned | 2006 |



BUILDING INFORMATION

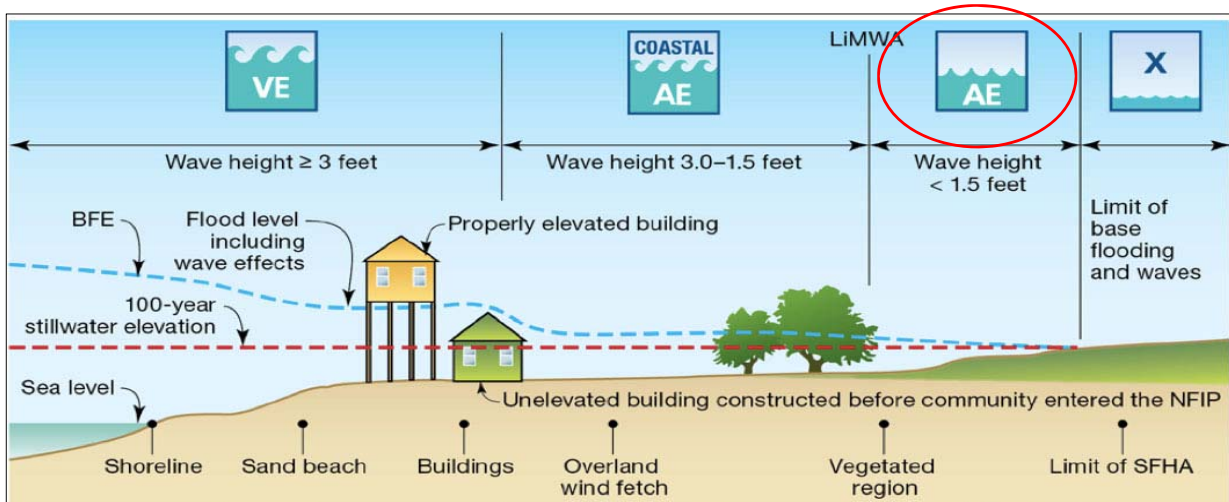
| | |
|---|-------------|
| First Floor Elevation (FFE) /Vault Hatch | 15.2 |
| First Floor above 100-Year Flood Elevation / Base Flood Elevation (BFE) | Yes |
| Ground Elevation | 15.2 |
| Vault Hatch Elevation / Sewer Manhole Rim Elevation | 15.2 / 15.3 |

FLOOD INFORMATION

| | |
|---------------------------------------|----|
| FEMA Flood Zone | AE |
| FEMA Flood Elevation (100-Year (BFE)) | 14 |

ACTION PLAN CRITICAL FACTORS

Elevation at which Water Enters Building **15.2**



Source: FEMA Coastal Flood Hazard Mapping Studies, May 2013

SPECIAL NOTIFICATION REQUIREMENTS

Contact Utility Emergency Response Manager: **GUY CAMPINHA**, Water Pollution Control Director (508) 958-4290

**NOTE: If Contact Utility Emergency Response Manager is Unavailable,
Proceed to Contact Primary and Secondary Emergency Operations Center as Needed**

Emergency Operations Center - Primary Contacts

| | |
|----------------------------|----------------------|
| Wareham Dispatch (Wareham) | 911 / (508) 295-1212 |
| Wareham Dispatch (Onset) | 911 / (508) 295-1212 |

Emergency Operations Center - Alternate Contacts

| | |
|--------------------------------------|----------------------|
| Wareham Police Department (Dispatch) | 911 / (508) 295-1212 |
| Wareham Fire Department (Fire) | (508) 295-2323 |
| Onset Fire (Fire) | (508) 295-2121 |



Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan



NOT TO SCALE

ACTION PLAN CRITICAL FACTORS

| | |
|--|------|
| FEMA 100-YR Flood Elevation | 14 |
| Elevation at which Water Enters Building | 15.2 |

Consider Station Shutdown when water surface elevation is forecasted to be at or above

15.2

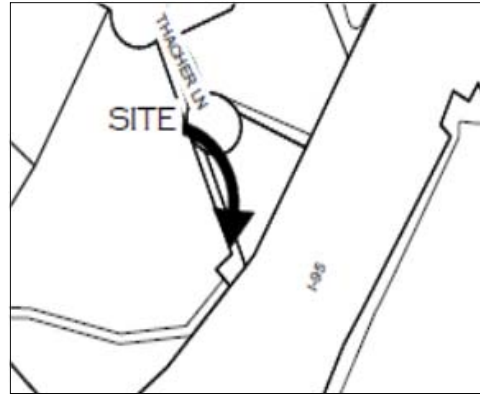
Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan

GENERAL

| | |
|------------------------|--------------------|
| Site # | #32 |
| Name of Pump Station | Thatcher/Ind PK II |
| Address | 5 Thatcher Ln |
| Latitude/Longitude | 41.7786 \ -70.7373 |
| Type of Station | Submersible |
| Superstructure Present | No |
| Date Commissioned | 2012 |

BUILDING INFORMATION

| | |
|---|------|
| First Floor Elevation (FFE) /Vault Hatch | 39.1 |
| First Floor above 100-Year Flood Elevation / Base Flood Elevation (BFE) | No |
| Ground Elevation | 39.1 |



LOCUS - NOT TO SCALE

THIS PUMP STATION IS NOT WITHIN A FLOOD ZONE; NO RESPONSE REQUIRED



Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan



Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan

GENERAL

| | |
|------------------------|--------------------|
| Site # | #33 |
| Name of Pump Station | Kendrick/Ind PK I |
| Address | 14 1/2 Kendrick Rd |
| Latitude/Longitude | 41.7821 \ -70.7393 |
| Type of Station | Submersible |
| Superstructure Present | Yes |
| Date Commissioned | 2003 |

BUILDING INFORMATION

| | |
|---|------|
| First Floor Elevation (FFE) /Vault Hatch | 37.9 |
| First Floor above 100-Year Flood Elevation / Base Flood Elevation (BFE) | No |
| Ground Elevation | 38.4 |



LOCUS - NOT TO SCALE

THIS PUMP STATION IS NOT WITHIN A FLOOD ZONE; NO RESPONSE REQUIRED

Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan



Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan

GENERAL

| | |
|------------------------|--------------------|
| Site # | #34 |
| Name of Pump Station | Springborne |
| Address | 794 Main St |
| Latitude/Longitude | 41.7721 \ -70.7495 |
| Type of Station | Submersible |
| Superstructure Present | Yes |
| Date Commissioned | 1991 |

BUILDING INFORMATION

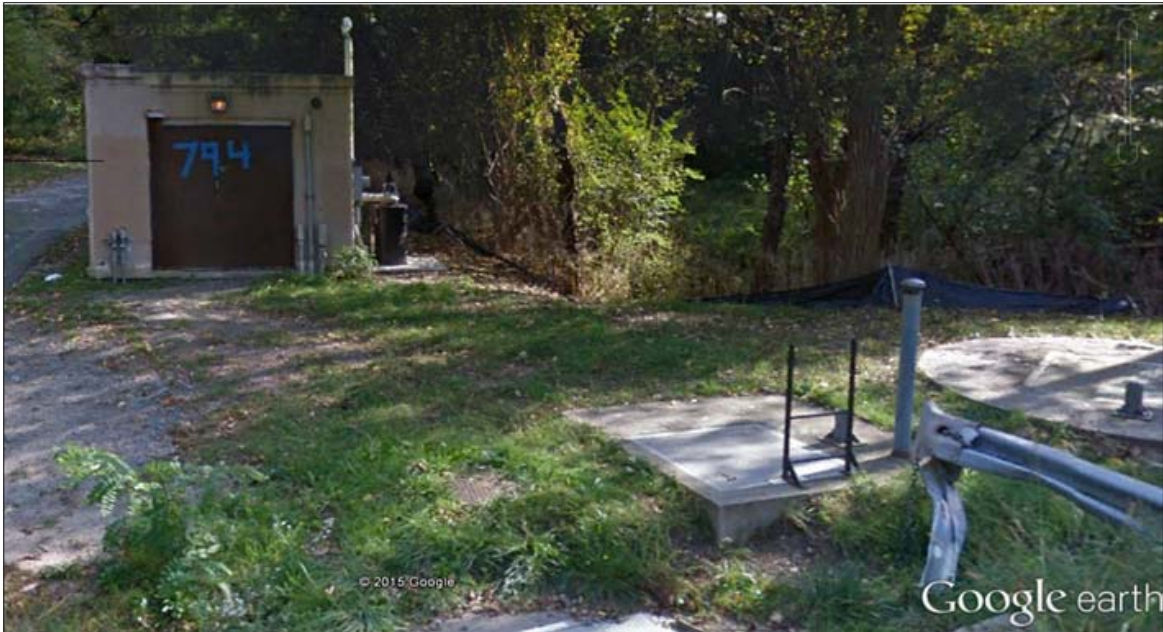
| | |
|---|------|
| First Floor Elevation (FFE) /Vault Hatch | 29.8 |
| First Floor above 100-Year Flood Elevation / Base Flood Elevation (BFE) | Yes |
| Ground Elevation | 29.1 |



LOCUS - NOT TO SCALE

THIS PUMP STATION IS NOT WITHIN A FLOOD ZONE; NO RESPONSE REQUIRED

Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan



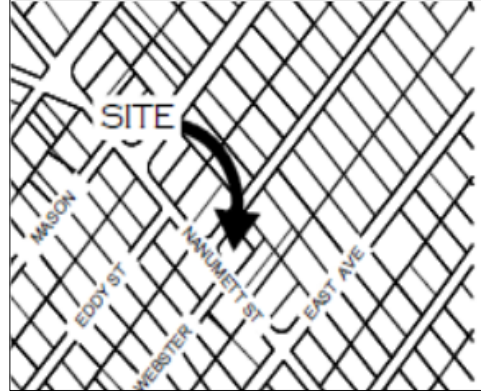
Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan

GENERAL

| | |
|------------------------|-----------------------|
| Site # | #35 |
| Name of Pump Station | Nanumette Air Station |
| Address | 44 Webster St |
| Latitude/Longitude | 41.7401 \ -70.6435 |
| Type of Station | Air Station |
| Superstructure Present | Yes |
| Date Commissioned | 1989 |

BUILDING INFORMATION

| | |
|---|------|
| First Floor Elevation (FFE) /Vault Hatch | 24.7 |
| First Floor above 100-Year Flood Elevation / Base Flood Elevation (BFE) | Yes |
| Ground Elevation | 25.2 |



LOCUS - NOT TO SCALE

THIS PUMP STATION IS NOT WITHIN A FLOOD ZONE; NO RESPONSE REQUIRED



Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan



Town of Wareham Water Pollution Control Facility Emergency Response Plan - Action Plan

GENERAL

| | |
|------------------------|-----------------------|
| Site # | #36 |
| Name of Pump Station | Bay St/Groveland |
| Address | 41 Bay Street |
| Latitude/Longitude | 41.7384 / -70.6444 |
| Type of Station | Submersible (Ejector) |
| Superstructure Present | No |
| Date Commissioned | 1989 |



LOCUS - NOT TO SCALE

BUILDING INFORMATION

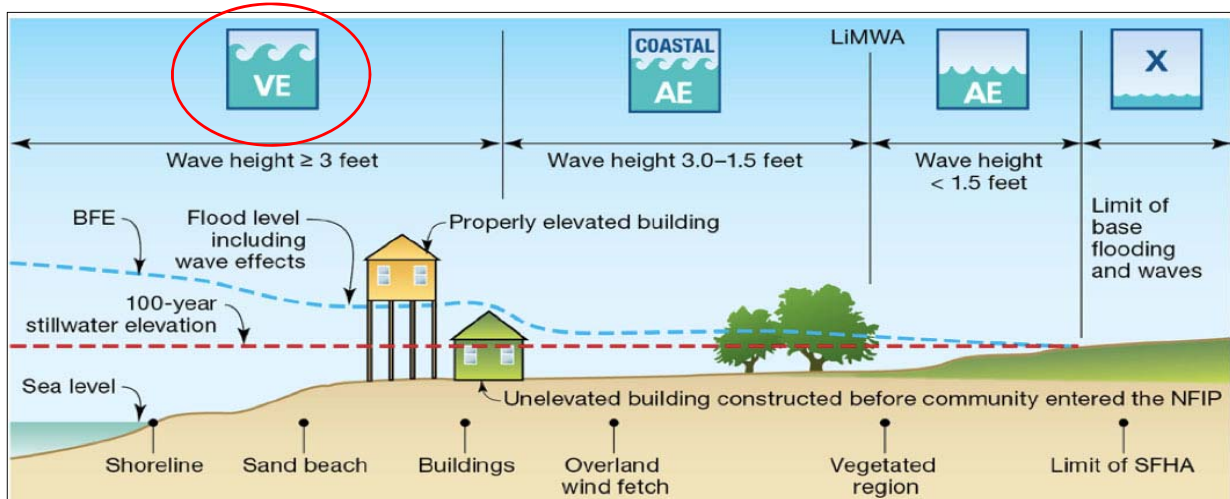
| | |
|---|------|
| First Floor Elevation (FFE) /Vault Hatch | 10.2 |
| First Floor above 100-Year Flood Elevation / Base Flood Elevation (BFE) | No |
| Ground Elevation | 10.2 |

FLOOD INFORMATION

| | |
|---------------------------------------|----|
| FEMA Flood Zone | VE |
| FEMA Flood Elevation (100-Year (BFE)) | 17 |

ACTION PLAN CRITICAL FACTORS

Elevation at which Water Enters Building 10.2



Source: FEMA Coastal Flood Hazard Mapping Studies, May 2013

SPECIAL NOTIFICATION REQUIREMENTS

Contact Utility Emergency Response Manager: GUY CAMPINHA, Water Pollution Control Director (508) 958-4290

NOTE: If Contact Utility Emergency Response Manager is Unavailable, Proceed to Contact Primary and Secondary Emergency Operations Center as Needed

Emergency Operations Center - Primary Contacts

| | |
|----------------------------|----------------------|
| Wareham Dispatch (Wareham) | 911 / (508) 295-1212 |
| Wareham Dispatch (Onset) | 911 / (508) 295-1212 |

Emergency Operations Center - Alternate Contacts

| | |
|--------------------------------------|----------------------|
| Wareham Police Department (Dispatch) | 911 / (508) 295-1212 |
| Wareham Fire Department (Fire) | (508) 295-2323 |
| Onset Fire (Fire) | (508) 295-2121 |



Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan



NOT TO SCALE

ACTION PLAN CRITICAL FACTORS

| | |
|--|------|
| FEMA 100-YR Flood Elevation | 17 |
| Elevation at which Water Enters Building | 10.2 |

Consider Station Shutdown when water surface elevation is forecasted to be at or above

10.2

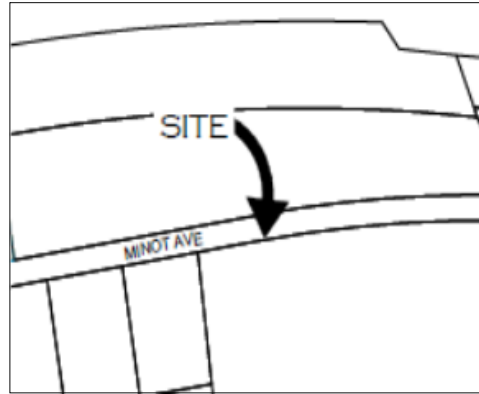
Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan

GENERAL

| | |
|------------------------|--------------------|
| Site # | #37 |
| Name of Pump Station | Minot Ave |
| Address | 70 Minot Ave |
| Latitude/Longitude | 41.7568 \ -70.6886 |
| Type of Station | Submersible |
| Superstructure Present | No |
| Date Commissioned | Unknown |

BUILDING INFORMATION

| | |
|---|------|
| First Floor Elevation (FFE) /Vault Hatch | 47.6 |
| First Floor above 100-Year Flood Elevation / Base Flood Elevation (BFE) | Yes |
| Ground Elevation | 44.1 |



LOCUS - NOT TO SCALE

THIS PUMP STATION IS NOT WITHIN A FLOOD ZONE; NO RESPONSE REQUIRED

Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan



Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan

GENERAL

| | |
|------------------------|--------------------------|
| Site # | #38 |
| Name of Pump Station | Peter Cooper Dr |
| Address | 1 1/2 Peter Cooper Drive |
| Latitude/Longitude | 41.7493 \ -70.6906 |
| Type of Station | Submersible |
| Superstructure Present | No |
| Date Commissioned | 1989 |

BUILDING INFORMATION

| | |
|---|------|
| First Floor Elevation (FFE) /Vault Hatch | 31.3 |
| First Floor above 100-Year Flood Elevation / Base Flood Elevation (BFE) | Yes |
| Ground Elevation | 30.8 |



THIS PUMP STATION IS NOT WITHIN A FLOOD ZONE; NO RESPONSE REQUIRED



Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan



Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan

GENERAL

| | |
|------------------------|---------------------|
| Site # | #39 |
| Name of Pump Station | Mattapoissett Rd |
| Address | 13 Mattapoissett Rd |
| Latitude/Longitude | 41.7342 \ -70.7300 |
| Type of Station | Submersible |
| Superstructure Present | No |
| Date Commissioned | 2012 |

BUILDING INFORMATION

| | |
|---|------|
| First Floor Elevation (FFE) /Vault Hatch | 17.3 |
| First Floor above 100-Year Flood Elevation / Base Flood Elevation (BFE) | Yes |
| Ground Elevation | 17.3 |



LOCUS - NOT TO SCALE

THIS PUMP STATION IS NOT WITHIN A FLOOD ZONE; NO RESPONSE REQUIRED

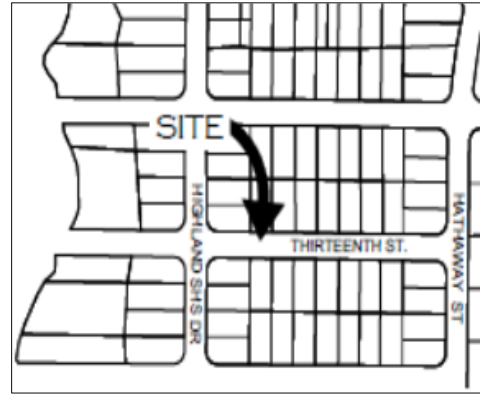
Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan



Town of Wareham Water Pollution Control Facility Emergency Response Plan - Action Plan

GENERAL

| | |
|------------------------|--------------------|
| Site # | #40 |
| Name of Pump Station | Thirteenth Ave |
| Address | 15 Thirteenth Ave |
| Latitude/Longitude | 41.7514 / -70.7428 |
| Type of Station | Submersible |
| Superstructure Present | No |
| Date Commissioned | 2006 |



BUILDING INFORMATION

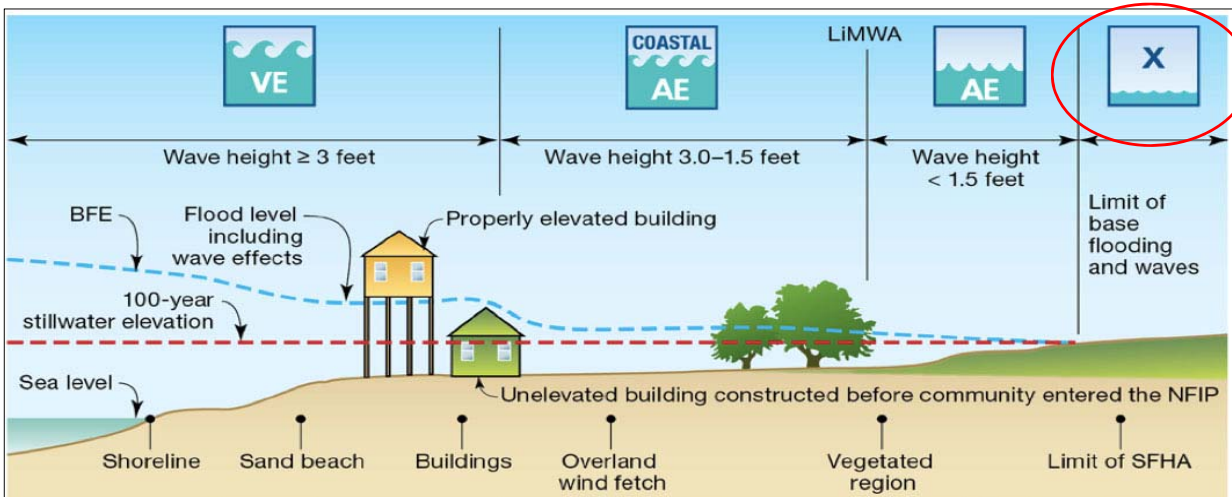
| | |
|---|------|
| First Floor Elevation (FFE) /Vault Hatch | 12.7 |
| First Floor above 100-Year Flood Elevation / Base Flood Elevation (BFE) | No |
| Ground Elevation | 13.5 |

FLOOD INFORMATION

| | |
|---------------------------------------|----|
| FEMA Flood Zone | X |
| FEMA Flood Elevation (100-Year (BFE)) | 14 |

ACTION PLAN CRITICAL FACTORS

Elevation at which Water Enters Building **12.7**



Source: FEMA Coastal Flood Hazard Mapping Studies, May 2013

SPECIAL NOTIFICATION REQUIREMENTS

Contact Utility Emergency Response Manager: **GUY CAMPINHA, Water Pollution Control Director (508) 958-4290**

NOTE: If Contact Utility Emergency Response Manager is Unavailable, Proceed to Contact Primary and Secondary Emergency Operations Center as Needed

Emergency Operations Center - Primary Contacts

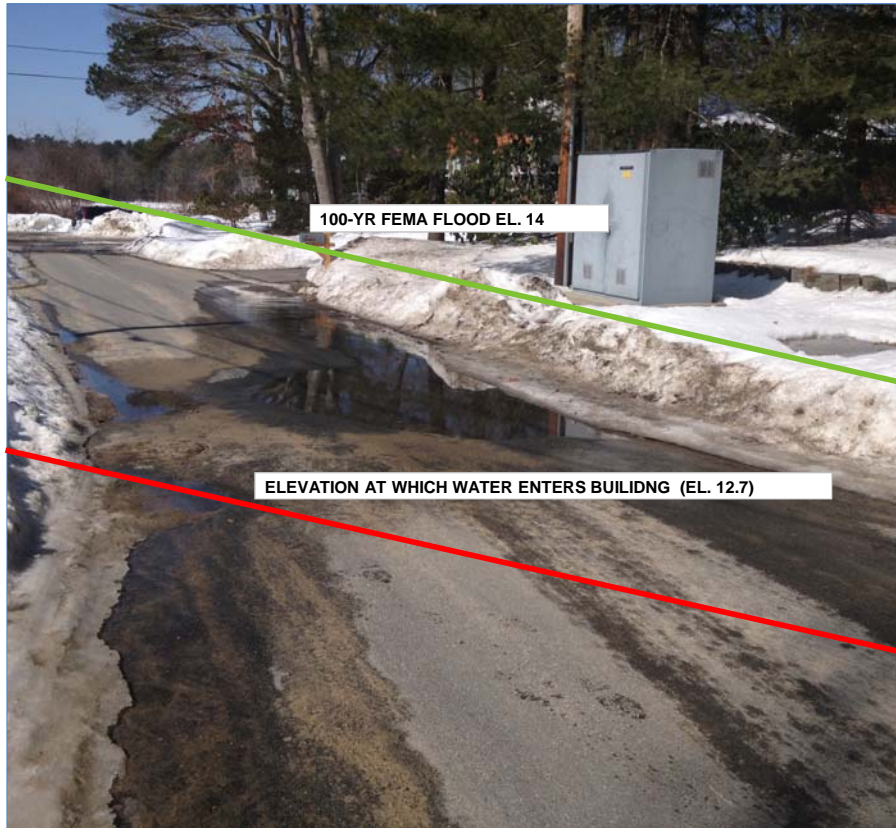
| | |
|----------------------------|----------------------|
| Wareham Dispatch (Wareham) | 911 / (508) 295-1212 |
| Wareham Dispatch (Onset) | 911 / (508) 295-1212 |

Emergency Operations Center - Alternate Contacts

| | |
|--------------------------------------|----------------------|
| Wareham Police Department (Dispatch) | 911 / (508) 295-1212 |
| Wareham Fire Department (Fire) | (508) 295-2323 |
| Onset Fire (Fire) | (508) 295-2121 |



Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan



NOT TO SCALE

ACTION PLAN CRITICAL FACTORS

| | |
|--|------|
| FEMA 100-YR Flood Elevation | 14 |
| Elevation at which Water Enters Building | 12.7 |

Consider Station Shutdown when water surface elevation is forecasted to be at or above

12.7

Town of Wareham Water Pollution Control Facility Emergency Response Plan - Action Plan

GENERAL

| | |
|------------------------|--------------------|
| Site # | #41 |
| Name of Pump Station | Leonard St |
| Address | 53 Leonard St |
| Latitude/Longitude | 41.7445 / -70.7507 |
| Type of Station | Submersible |
| Superstructure Present | No |
| Date Commissioned | 2006 |



BUILDING INFORMATION

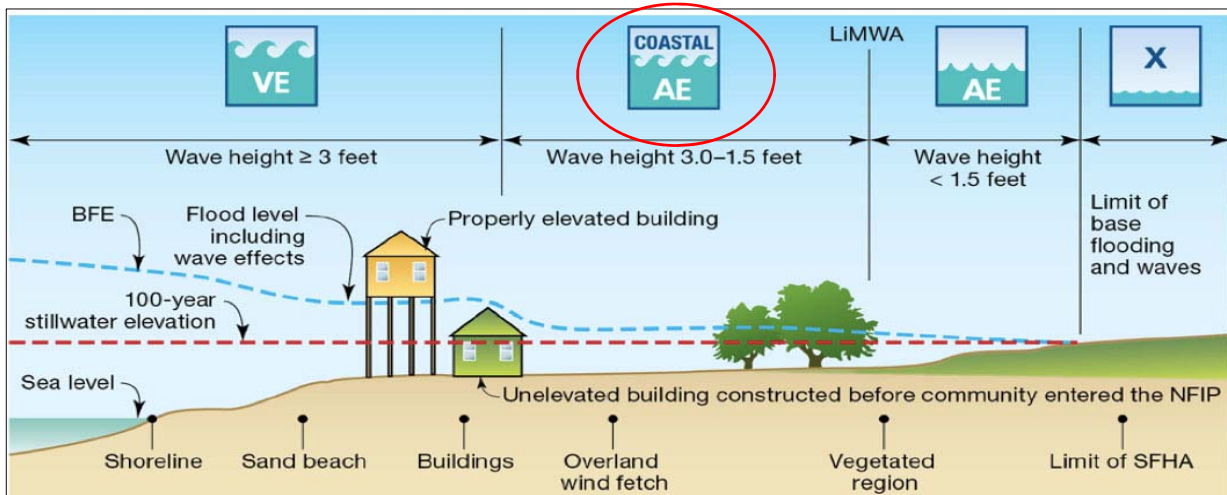
| | |
|---|-----|
| First Floor Elevation (FFE) /Vault Hatch | 9.3 |
| First Floor above 100-Year Flood Elevation / Base Flood Elevation (BFE) | No |
| Ground Elevation | 9.3 |

FLOOD INFORMATION

| | |
|---------------------------------------|------------|
| FEMA Flood Zone | Coastal AE |
| FEMA Flood Elevation (100-Year (BFE)) | 14 |

ACTION PLAN CRITICAL FACTORS

Elevation at which Water Enters Building **9.3**



Source: FEMA Coastal Flood Hazard Mapping Studies, May 2013

SPECIAL NOTIFICATION REQUIREMENTS

Contact Utility Emergency Response Manager: **GUY CAMPINHA**, Water Pollution Control Director (508) 958-4290

NOTE: If Contact Utility Emergency Response Manager is Unavailable, Proceed to Contact Primary and Secondary Emergency Operations Center as Needed

Emergency Operations Center - Primary Contacts

| | |
|----------------------------|----------------------|
| Wareham Dispatch (Wareham) | 911 / (508) 295-1212 |
| Wareham Dispatch (Onset) | 911 / (508) 295-1212 |

Emergency Operations Center - Alternate Contacts

| | |
|--------------------------------------|----------------------|
| Wareham Police Department (Dispatch) | 911 / (508) 295-1212 |
| Wareham Fire Department (Fire) | (508) 295-2323 |
| Onset Fire (Fire) | (508) 295-2121 |



Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan



NOT TO SCALE

ACTION PLAN CRITICAL FACTORS

| | |
|--|-----|
| FEMA 100-YR Flood Elevation | 14 |
| Elevation at which Water Enters Building | 9.3 |

Consider Station Shutdown when water surface elevation is forecasted to be at or above

9.3

Town of Wareham Water Pollution Control Facility Emergency Response Plan - Action Plan

GENERAL

Site # #42
 Name of Pump Station Terry Ln - Davis Rd
 Address 7 1/2 Terry Ln
 Latitude/Longitude 41.7468 / -70.7337
 Type of Station Submersible
 Superstructure Present Yes
 Date Commissioned 1992



BUILDING INFORMATION

First Floor Elevation (FFE) /Vault Hatch 14.7
 First Floor above 100-Year Flood Elevation / Base Flood Elevation (BFE) Yes
 Ground Elevation 12.5

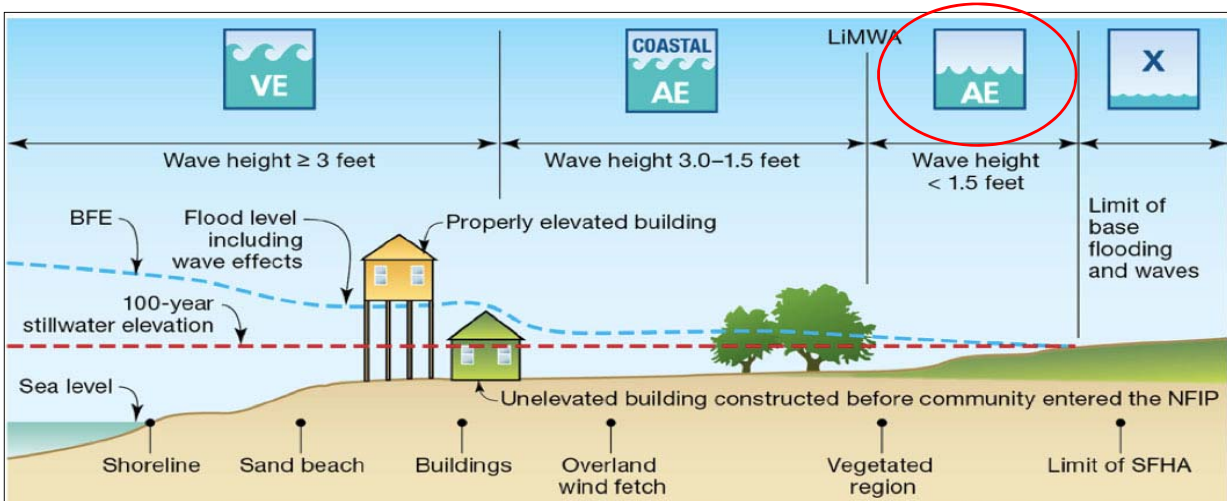
FLOOD INFORMATION

FEMA Flood Zone AE
 FEMA Flood Elevation (100-Year (BFE)) 14

LOCUS - NOT TO SCALE

ACTION PLAN CRITICAL FACTORS

Structure Theoretically Compromised 17.2
 Elevation at which Water Enters Building 14.7



Source: FEMA Coastal Flood Hazard Mapping Studies, May 2013

SPECIAL NOTIFICATION REQUIREMENTS

Contact Utility Emergency Response Manager: GUY CAMPINHA, Water Pollution Control Director (508) 958-4290

**NOTE: If Contact Utility Emergency Response Manager is Unavailable,
 Proceed to Contact Primary and Secondary Emergency Operations Center as Needed**

Emergency Operations Center - Primary Contacts

Wareham Dispatch (Wareham) 911 / (508) 295-1212
 Wareham Dispatch (Onset) 911 / (508) 295-1212

Emergency Operations Center - Alternate Contacts

Wareham Police Department (Dispatch) 911 / (508) 295-1212
 Wareham Fire Department (Fire) (508) 295-2323
 Onset Fire (Fire) (508) 295-2121

SPECIAL RESPONSE STEPS

**DO NOT ENTER BUILDING WHEN FLOOD WATERS ARE 2.5 FEET ABOVE FIRST FLOOR ELEVATION OR ABOVE ELEVATION 17.2
 THIS IS THE CRITICAL HEIGHT FOR STRUCTURAL DAMAGE AND PERSONNEL SHOULD NOT ENTER PUMP STATION**



Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan



NOT TO SCALE

ACTION PLAN CRITICAL FACTORS

| | |
|--|------|
| Structure Theoretically Compromised | 17.2 |
| FEMA 100-YR Flood Elevation | 14 |
| Elevation at which Water Enters Building | 14.7 |

Consider Station Shutdown when water surface elevation is forecasted to be at or above

14.7

Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan

GENERAL

| | |
|------------------------|--------------------|
| Site # | #43 |
| Name of Pump Station | Police Station |
| Address | 2515 Cranberry Hwy |
| Latitude/Longitude | 41.7702\ -70.7343 |
| Type of Station | Submersible |
| Superstructure Present | Yes |
| Date Commissioned | Unknown |

BUILDING INFORMATION

| | |
|---|------|
| First Floor Elevation (FFE) /Vault Hatch | 54.2 |
| First Floor above 100-Year Flood Elevation / Base Flood Elevation (BFE) | Yes |
| Ground Elevation | 56.4 |



LOCUS - NOT TO SCALE

THIS PUMP STATION IS NOT WITHIN A FLOOD ZONE; NO RESPONSE REQUIRED

Town of Wareham Water Pollution Control Facility
Emergency Response Plan - Action Plan



6. Emergency Plan Approval, Update, and Training

6.1 Initial ERP Approval and Update Process

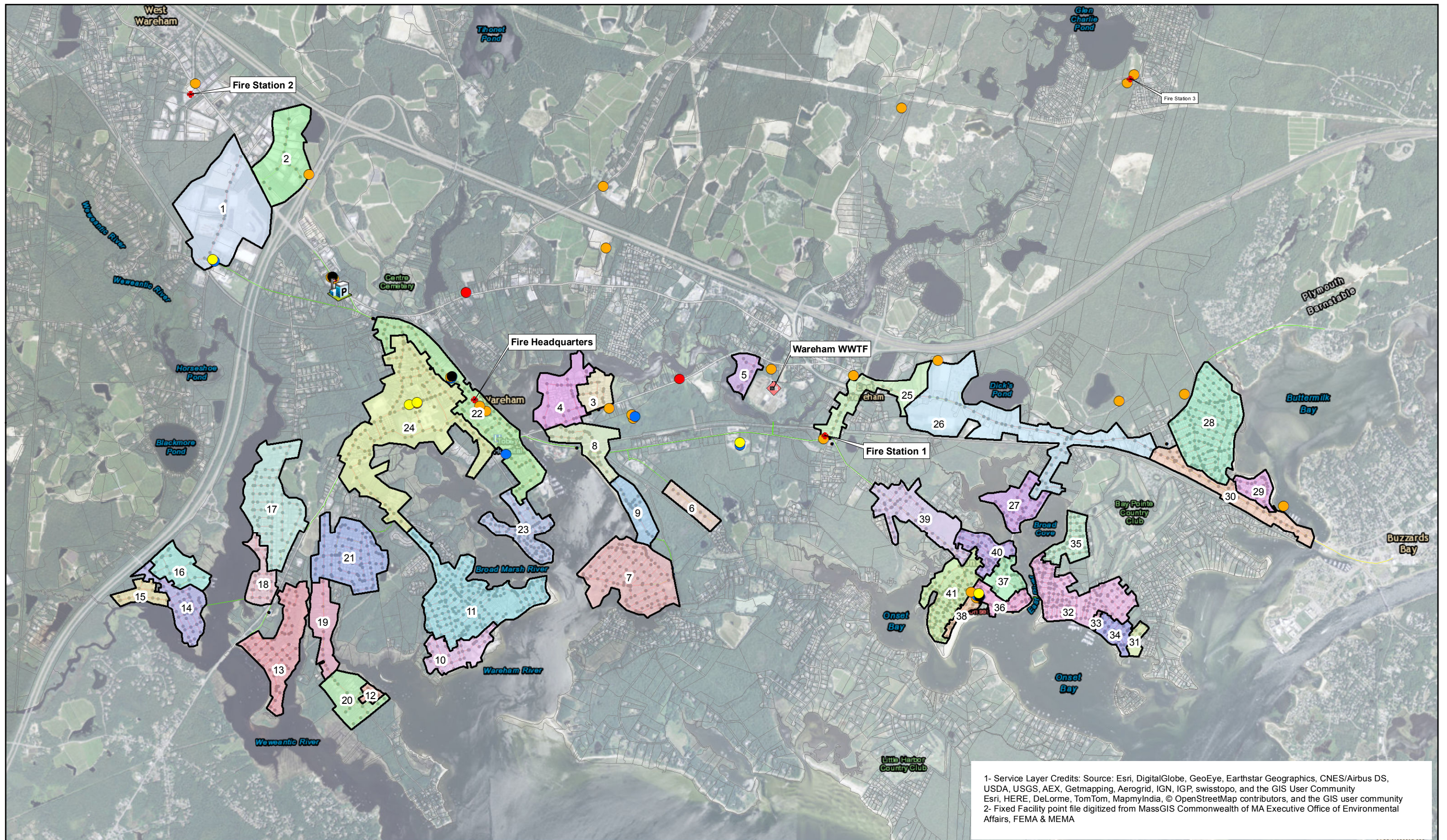
This ERP was reviewed and approved by use by the Sewer Commissioners as shown on the Signature Page located after the Table of Contents.

6.2 Continued ERP Approval and Update Process

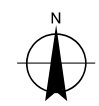
This ERP was reviewed and approved by the Sewer Commissioners annually as shown on the Signature Page located after the Table of Contents. Any changes or revisions made should be reviewed with Emergency Responders.

Figures

Figure 1 Critical Infrastructure Facilities



Paper Size ARCH D
 0 1,250 2,500 5,000 Feet
 Map Projection: Lambert Conformal Conic
 Horizontal Datum: North American 1983
 Grid: NAD 1983 StatePlane Massachusetts Mainland FIPS 2001 Feet



LEGEND

Sewershed (TYP)
(with ID Number)

Facility

- Critical Infrastructure
- Health & Medical Facility
- Fixed Hazard Facilities
- Emergency Operations Center
- Mass Care Shelters



Town of Wareham, Ma
 Capital Improvement Plan

CRITICAL INFRASTRUCTURE
 FACILITIES

Job Number | 86-18489
 Revision | A
 Date | 29 Oct 2015

Figure 1

N:\US\Hyannis\Projects\8618712\GIS\Maps\MXD_Deliverables\Fixed Hazardous Facilities F1.mxd
 © 2012. Whilst every care has been taken to prepare this map, GHD (and DATA CUSTODIAN) make no representations or warranties about its accuracy, reliability, completeness or suitability for any particular purpose and cannot accept liability and responsibility of any kind (whether in contract, tort or otherwise) for any expenses, losses, damages and/or costs (including indirect or consequential damage) which are or may be incurred by any party as a result of the map being inaccurate, incomplete or unsuitable in any way and for any reason.
 Data source: Data Custodian, Data Set Name/Title, Version/Date. Created by: jobrien

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