

BENNETT ENVIRONMENTAL ASSOCIATES, INC.

LICENSED SITE PROFESSIONALS ♡ ENVIRONMENTAL SCIENTISTS ♡ GEOLOGISTS ♡ ENGINEERS

1573 Main Street - P.O. Box 1743, Brewster, MA 02631 ♡ 508-896-1706 ♡ Fax 508-896-5109 ♡ www.bennett-ea.com

BEA09-10102

September 2, 2011

Ms. Jessica Hing
US Environmental Protection Agency
5 Post Office Square – OEP06-04
Boston, MA 02109-3912

VIA: GeneralPermit.Dewatering@EPA.gov

**RE: NPDES NOTICE OF INTENT
DEWATERING GENERAL PERMIT
MA DEP BRP WM-10 PERMIT APPLICATION TRANSMITTAL X239469
WWTP Upgrade: Installation of Additional Tanks GWDP SE 640-1
Harborside Village Cooperative Corporation
20 Wellfleet Street
Wellfleet, MA**

Dear Ms. Hing,

This narrative serves as a cover letter to the above referenced NPDES Dewatering General Permit with supporting documentation being filed electronically concurrent with the BRP WM-10 permit application being sent to the MA Department of Environmental Protection (MADEP) as well as a local Notice of Intent with the Wellfleet Conservation Commission for the construction activities for Wastewater Treatment Plant upgrades as required under the GWDP renewal and as previously approved by the MADEP on September 27, 2010. This package, with supporting documentation and plans, is being copied to the Wellfleet Conservation Commission and the MADEP to complete the respective jurisdictional authorities and facilitate approvals for the proposed work which is intended to start in October 2011 and be completed 45 days.

The proposed project under the jurisdiction of the Wetlands Protection Act (310 CMR 10.00) includes the excavation of soils and dewatering for the installation of treatment tanks (Amphidrome Plus, Clearwell and Final Effluent Pump Chamber) within the Resource Area (Land Subject to Flooding), as associated with necessary denitrification upgrade to the wastewater treatment plant at the subject property. As part of the construction process, clean groundwater is to be pumped from an area of excavation (100' x 100') to allow for the installation of aforementioned tanks. Up to 150,000 gallons per day will be pumped as part of the dewatering process to a 18,000-gallon "weir" baffled frac tank with flocculent for primary clarification and on through bag filters for secondary clarification. Final treated effluent discharged will be piped

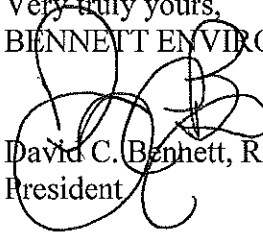
within the same Resource Area (100-year flood zone) to a point of discharge more than 50' from the adjacent Bordering Vegetated Wetland (BVW).

The BVW is listed as Marsh Meadow by the MA DEP wetlands orthophotos and delineated on the base reference plan (Mount Hope Engineering, 09/15/96). The discharge will be directed to an area of 3-5" trap rock underlain with filter fabric. The trap rock will be horseshoed by staked hay bales backed by silt fencing to regulate flow, and minimize erosion and siltation of the adjacent BVW.

It is anticipated that dewatering activities will be conducted as described over a five to seven (5-7) day period in October 2011. The trap rock and filter fabric will be removed following the completion of such work. Excavated soils will be temporarily stockpiled on-site to be used as backfill upon installation of the wastewater treatment components. Stockpiled soils will also be horseshoed with staked hay bales backed by silt fencing.

These activities, dewatering equipment specifications, groundwater quality data and plans are included with the NPDES Notice of Intent for the Dewatering General Permit. If you have any questions, or require any additional information in the interim, please do not hesitate to contact me directly.

Very truly yours,
BENNETT ENVIRONMENTAL ASSOCIATES, INC.


David C. Bennett, RS., LPG., CGWP.
President

- Encl:
- MADEP Transmittal Form x239469 BRP WM-10 (w/ copy of payment)
 - NPDES NOI Form for Dewatering General Permit
 - Reference Plans and Maps
 - Groundwater Analytical Data
 - Plan entitled "Wastewater Treatment Plant Modification – Dewatering Plan", Prepared by Bennett Environmental Associates, Inc., Dated August 16, 2011.
 - Equipment Specifications and MSDS Sheets for flocculent and pH neutralizer.
 - WPA Form 3 - Notice of Intent (Wetlands Protection Act)
 - Plan entitled "Wastewater Treatment Plant Modification BRP WP-68 Plan Approval without GWDP Renewal" Prepared by Bennett Environmental Associates, Inc., Dated April 28, 2011 [2 Sheets]
 - Plan entitled "Wastewater Treatment Plant Engineering Report Groundwater Discharge Permit SE 640-1" Prepared by Bennett Environmental Associates, Inc., Dated February 4, 2011 [2 Sheets]

cc: Maria Hollis, Property Manager - HVCC
Brian Dudley, MA DEP (SERO) BRP/Wastewater Management
Hillary Greenburg, Director – Wellfleet Health and Conservation
Linda Pinto, PE [Internal]



Enter your transmittal number

x239469

Transmittal Number

Your unique Transmittal Number can be accessed online: <http://mass.gov/dep/service/online/trasmfrm.shtml>**Massachusetts Department of Environmental Protection****Transmittal Form for Permit Application and Payment**

1. Please type or print. A separate Transmittal Form must be completed for each permit application.

2. Make your check payable to the Commonwealth of Massachusetts and mail it with a copy of this form to: DEP, P.O. Box 4062, Boston, MA 02211.

3. Three copies of this form will be needed.

Copy 1 - the original must accompany your permit application. Copy 2 must accompany your fee payment. Copy 3 should be retained for your records

4. Both fee-paying and exempt applicants must mail a copy of this transmittal form to:

MassDEP
P.O. Box 4062
Boston, MA
02211

* Note:
For BWSC Permits,
enter the LSP.

A. Permit Information

BRPWM 10

Permit/Plan for Construction Site Dewatering

1. Permit Code: 7 or 8 character code from permit instructions

2. Name of Permit Category

Treatment Works Plan Approval without Permit Modification

3. Type of Project or Activity

B. Applicant Information - Firm or Individual

Harborside Village Cooperative Corporation

1. Name of Firm - Or, if party needing this approval is an individual enter name below:

2. Last Name of Individual

3. First Name of Individual

4. MI

2000 Rudy's Way

5. Street Address

Wellfleet

MA

02667

(508) 349-6348

6. City/Town

7. State

8. Zip Code

9. Telephone #

10. Ext. #

Maria Hollis, Property Manager

HVMaria@comcast.net

11. Contact Person

12. e-mail address (optional)

C. Facility, Site or Individual Requiring Approval

Harborside Village Cooperative Corporation

1. Name of Facility, Site Or Individual

20 Wellfleet Street [Parcel ID 20-19-0-R]

2. Street Address

Werlfleet

MA

02667

(508) 349-6348

3. City/Town

4. State

5. Zip Code

6. Telephone #

7. Ext. #

GWDP SE 640-1

8. DEP Facility Number (if Known)

9. Federal I.D. Number (if Known)

10. BWSC Tracking # (if Known)

D. Application Prepared by (if different from Section B)*

Bennett Environmental Associates, Inc.

1. Name of Firm Or Individual

1573 Main Street - P.O. Box 1743

2. Address

Brewster

MA

02631

(508) 896-1706

3. City/Town

4. State

5. Zip Code

6. Telephone #

7. Ext. #

Linda J. Pinto, PE/David Bennett, Project Mgr.

8. Contact Person

9. LSP Number (BWSC Permits only)

E. Permit - Project Coordination

1. Is this project subject to MEPA review? ☐ yes ☒ no
If yes, enter the project's EOEA file number - assigned when an Environmental Notification Form is submitted to the MEPA unit:

EOEA File Number

F. Amount Due**Special Provisions:**

1. ☐ Fee Exempt (city, town or municipal housing authority)(state agency if fee is \$100 or less).
There are no fee exemptions for BWSC permits, regardless of applicant status.
2. ☐ Hardship Request - payment extensions according to 310 CMR 4.04(3)(c).
3. ☐ Alternative Schedule Project (according to 310 CMR 4.05 and 4.10).
4. ☐ Homeowner (according to 310 CMR 4.02).

DEP Use Only

Permit No:

Rec'd Date:

Reviewer:

Check Number

\$ 385.00

Dollar Amount

Date

HARBORSIDE VILLAGE COOP CORP
OPERATING ACCOUNT
2000 RUDY'S WAY
WELLFLEET, MA 02667-7555

4430

557348/2113

DATE 8/18/11

PAY TO THE ORDER OF COMMONWEALTH OF MASSACHUSETTS \$ 385.00

Three hundred Eighty Nine and 00/100 DOLLARS



SEAMEN'S BANK
MEMBER FDIC
WELLFLEET, MASSACHUSETTS 02667

MEMO NPDES PERMITTING

Raymond J. [Signature]

Check Features
Security
Guarantee on Cash

MP

II. Suggested Notice of Intent (NOI) Form

1. General facility information. Please provide the following information about the facility.

a) Name of facility: <u>Threeside Village Cooperative Corp.</u>		Mailing Address for the Facility: <u>2000 Days Way</u> <u>Wellsfleet, MA 02667</u>	
b) Location Address of the Facility (if different from mailing address): <u>20 Wellfleet Avenue</u> <u>Wellsfleet, MA 02667</u> <u>Assessor's Map 19, Parcel 20</u>		Facility Location longitude: <u>70° 02' 07" W</u> latitude: <u>41° 55' 58" N</u>	Type of Business: <u>Mobile Home Park</u> Facility SIC codes: <u>Residential</u>
c) Name of facility owner: <u>Maria Hollis, Property Rep</u>		Owner's email: <u>TVMedia@comcast.net</u>	
Owner's Tel #: <u>(508) 349-6348</u>		Owner's Fax #: <u>(508) 349-6348</u>	
Address of owner (if different from facility address)			
Owner is (check one): 1. Federal <input type="checkbox"/> 2. State <input type="checkbox"/> 3. Tribal <input type="checkbox"/> 4. Private <input checked="" type="checkbox"/> 4. Other (Describe) <u>Barnett Environmental Associates, Inc.</u>			
Legal name of Operator, if not owner: <u>Barnett Environmental Associates, Inc.</u>			
Operator Contact Name: <u>Dan Bennett</u>			
Operator Tel Number: <u>(508) 896-1706</u> Fax Number: <u>(508) 896-5109</u>			
Operator's email: <u>dbennett@barnett-en.com</u>			
Operator Address (if different from owner) <u>1573 Main Street</u> <u>P.O. Box 1743</u> <u>Brewster, MA 02631</u>			
d) Attach a topographic map indicating the location of the facility and the outfall(s) to the receiving water. Map attached? <u>Yes</u>			
e) Check Yes or No for the following:			
1. Has a prior NPDES permit been granted for the discharge? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If Yes, Permit Number: _____			
2. Is the discharge a "new discharge" as defined by 40 CFR Section 122.22? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			
3. Is the facility covered by an individual NPDES permit? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If Yes, Permit Number _____			
4. Is there a pending application on file with EPA for this discharge? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If Yes, date of submittal: _____			

2. Discharge information. Please provide information about the discharge, (attaching additional sheets as needed)

a) Name of receiving water into which discharge will occur: Mayo Creek Estuary
 State Water Quality Classification: B Freshwater: ✓ Marine Water: Don't know

b) Describe the discharge activities for which the owner/applicant is seeking coverage:
 1. Construction dewatering of groundwater intrusion and/or storm water accumulation. Detox to negative
 2. Short-term or long-term dewatering of foundation sumps.
 3. Other.

c) Number of outfalls 1

For each outfall:

d) Estimate the maximum daily and average monthly flow of the discharge (in gallons per day - GPD). Max Daily Flow 150,000 GPD
 Average Monthly Flow N/A GPD

e) What is the maximum and minimum monthly pH of the discharge (in s.u.)? Max pH 8.5 Min pH 6.5

f) Identify the source of the discharge (i.e. potable water, surface water, or groundwater). If groundwater, the facility shall submit effluent test results, as required in Section 4.4.5 of the General Permit. see attached

g) What treatment does the wastewater receive prior to discharge? primary clarification with weir tank / flocc logs to bag filter - see attached

h) Is the discharge continuous? Yes No X If no, is the discharge periodic (P) (occurs regularly, i.e., monthly or seasonally, but is not continuous all year) or intermittent (I) (occurs sometimes but not regularly) or both (B) intermittent
 If (P), number of days or months per year of the discharge and the specific months of discharge ;
 If (I), number of days/year there is a discharge 10 days / year (one time)
 Is the discharge temporary? Yes X No
 If yes, approximate start date of dewatering 10/1/11 approximate end date of dewatering 10/31/11

i) Latitude and longitude of each discharge within 100 feet (See http://www.epa.gov/tri/report/siting_tool): Outfall 1: long. lat. ;
 Outfall 2: long. lat. ; Outfall 3: long. lat. . 70°02'07"W 41°55'46"N

j) If the source of the discharge is potable water, please provide the reported or calculated seven day-ten year low flow (7Q10) of the receiving water and attach any calculation sheets used to support stream flow and dilution calculations cfs
 (See Appendix VII for equations and additional information)

MASSACHUSETTS FACILITIES: See Section 3.4 and Appendix 1 of the General Permit for more information on Areas of Critical Environmental Concern (ACEC):

k) Does the discharge occur in an ACEC? Yes X No wellfleet harbor
If yes, provide the name of the ACEC:

3. Contaminant Information None

- a) Are any pH neutralization and/or dechlorination chemicals used in the discharge? If so, include the chemical name and manufacturer; maximum and average daily quantity used as well as the maximum and average daily expected concentrations (mg/l) in the discharge, and the vendor's reported aquatic toxicity (NOAEL and/or LC₅₀ in percent for aquatic organism(s)).
- b) Please report any known remediation activities or water-quality issues in the vicinity of the discharge.

4. Determination of Endangered Species Act Eligibility: Provide documentation of ESA eligibility as required at Part 3.4 and Appendices III and IV. In addition, respond to the following questions.

- a) Are any listed threatened or endangered species, or designated critical habitat, in proximity to the discharge? Yes No No X
- b) Has any consultation with the federal services been completed? Yes No No X
- c) Is consultation underway? Yes No No X
- d) What were the results of the consultation with the U.S. Fish and Wildlife Service and/or NOAA Fisheries Service (check one): a "no jeopardy" opinion or written concurrence on a finding that the discharges are not likely to adversely affect any endangered species or critical habitat.
- e) Which of the five eligibility criteria listed in Appendix 2, Section B (A,B,C,D, or E) have you met? A
- f) Please attach a copy of the most current federal listing of endangered and threatened species, found at USF&W website.

5. Documentation of National Historic Preservation Act requirements: Please respond to the following questions:

- a) Are any historic properties listed or eligible for listing on the National Register of Historic Places located on the facility site or in proximity to the discharge? Yes No No X
- b) Have any State or Tribal historic preservation officers been consulted in this determination? Yes No or No X If yes, attach the results of the consultation(s).
- c) Which of the three National Historic Preservation Act requirements listed in Appendix 3, Section C (1,2 or 3) have you met? 1

6. Supplemental Information: Please provide any supplemental information. Attach any analytical data used to support the application. Attach any certification(s) required by the general permit

7. Signature Requirements: The Notice of Intent must be signed by the operator in accordance with the signatory requirements of 40 CFR Section 122.22 (see below) including the following certification:

I certify under penalty of law that (1) no biocides or other chemical additives except for those used for pH adjustment and/or dechlorination are used in the dewatering system; (2) the discharge consists solely of dewatering and authorized pH adjustment and/or

dechlorination chemicals; (3) the discharge does not come in contact with any raw materials, intermediate product, water product or finished product; (4) if the discharge of dewatering subsequently mixes with other permitted wastewater (i.e. stormwater) prior to discharging to the receiving water, any monitoring provided under this permit will be only for dewatering discharge; (5) where applicable, the facility has complied with the requirements of this permit specific to the Endangered Species Act and National Historic Preservation Act; and (6) this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted.

Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I certify that I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Facility Name: *Hopewick Village Cooperative Corporation*

Operator signature:

Title: *David Bennett, President - Bennett Environmental Associates, Inc.*

Date:

Federal regulations require this application to be signed as follows:

1. For a corporation, by a principal executive officer of at least the level of vice president;
2. For partnership or sole proprietorship, by a general partner or the proprietor, respectively, or,
3. For a municipality, State, Federal or other public facility, by either a principal executive officer or ranking elected official.

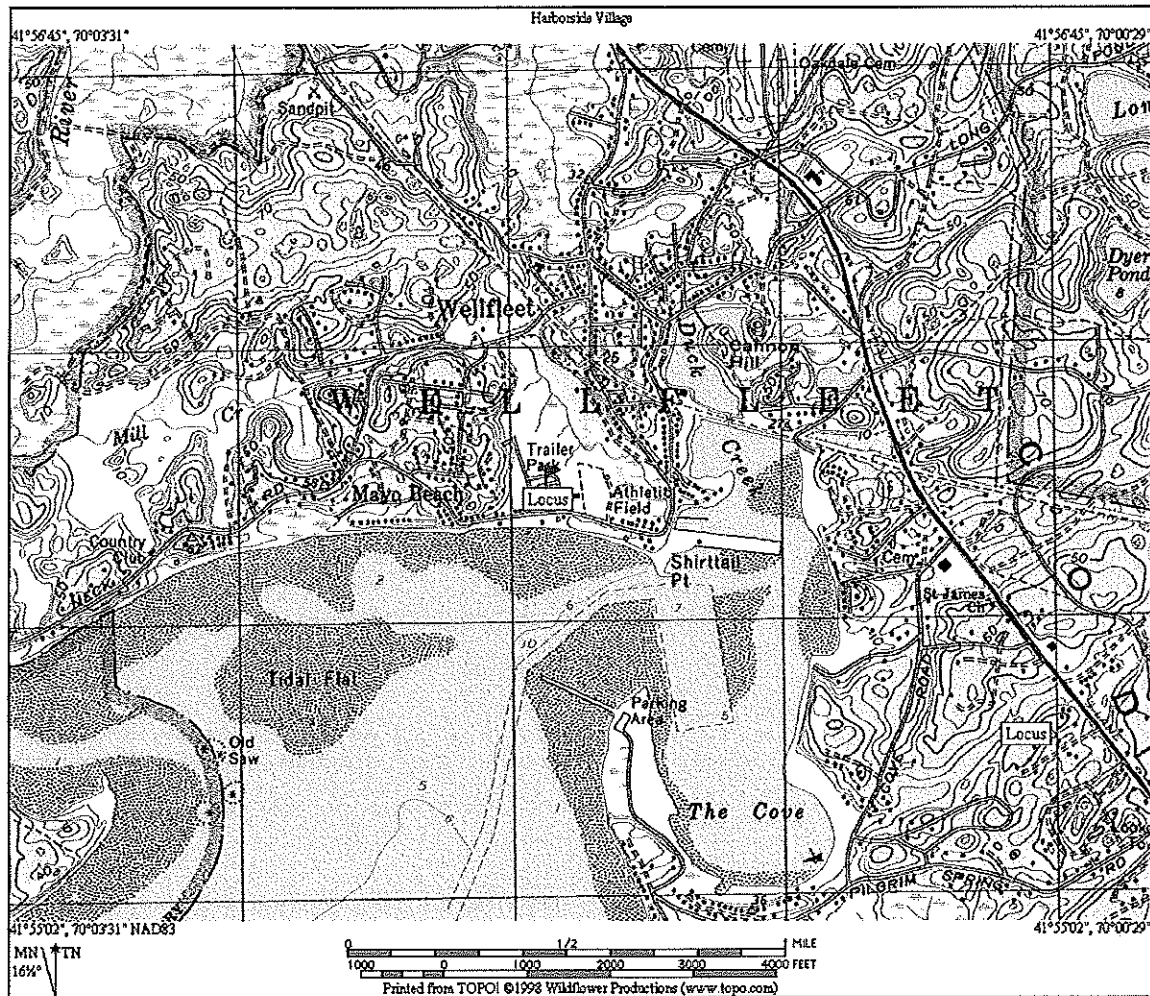
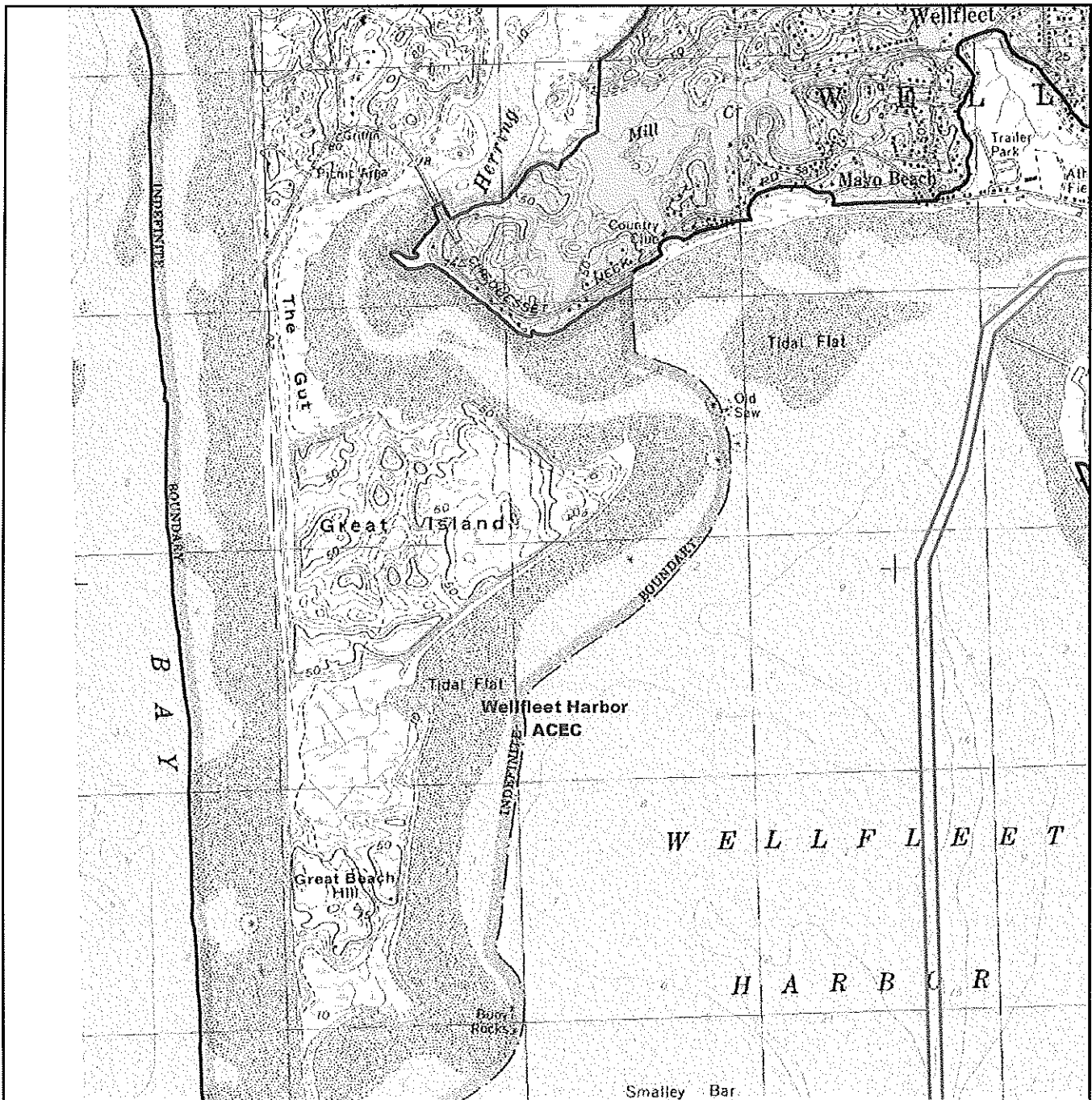


FIGURE 1: The subject property, Harborside Village Coop Corp, is located at 20 Weatherly Avenue (Wellfleet Street) in Wellfleet, MA and is identified on Assessor's Map 20 as Parcel 19.



Map #

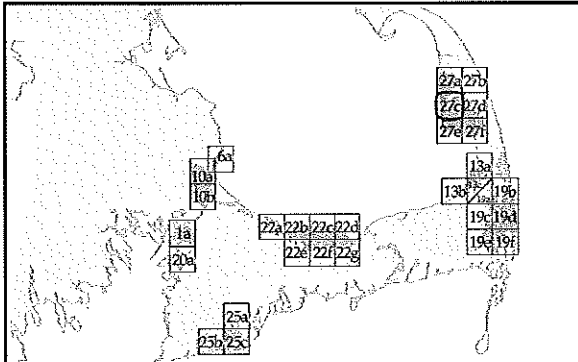
27c

Wellfleet Harbor ACEC

Map Tile 3 of 6

ACEC Designated 5/18/89

12,480 Acres



Massachusetts Department of Conservation and Recreation Areas of Critical Environmental Concern (ACEC) Program

This map is intended to be used with the written boundary description contained in the ACEC designation document. The mapped boundary is not to be used by itself for definitive ACEC boundary delineation or regulatory interpretation. For review of site-specific projects within the ACEC boundary, determinations may need to be made in the field or in consultation with ACEC Program Staff.

For more information:

www.mass.gov/dcr/stewardship/acec

ACEC Boundaries by Type

- Road/Rail based
- River based
- Wetland based
- Floodplain based
- Tide based
- Contour based
- Political boundary
- Property line based
- Other
- Digital update required

Areas not within an ACEC are shaded with a gray mask.

dcr
Massachusetts



0.25

miles



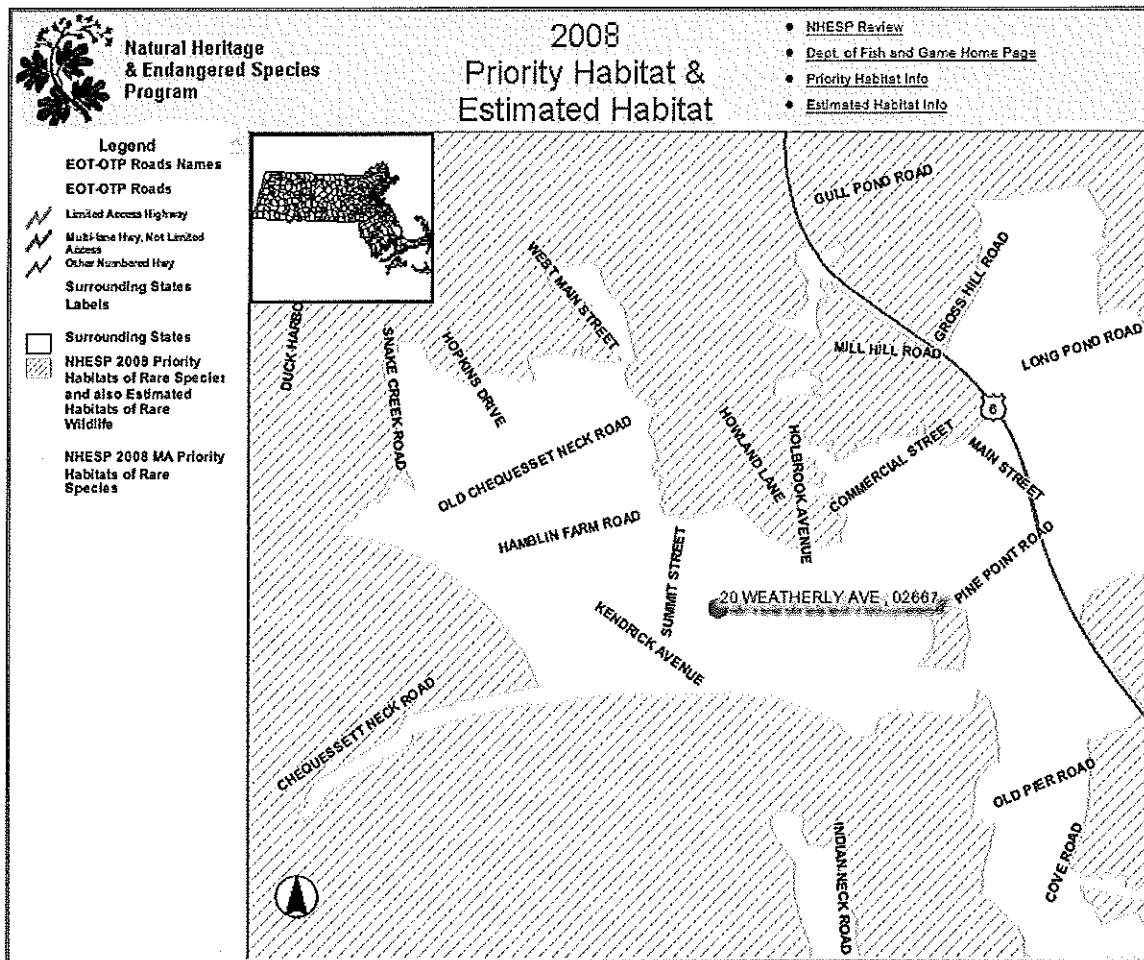


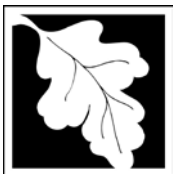
FIGURE 3: NHESP Mapping

FEDERALLY LISTED ENDANGERED AND THREATENED SPECIES IN MASSACHUSETTS

COUNTY	SPECIES	FEDERAL STATUS	GENERAL LOCATION/HABITAT	TOWNS
Barnstable	Piping Plover	Threatened	Coastal Beaches	All Towns
	Roseate Tern	Endangered	Coastal beaches and the Atlantic Ocean	All Towns
	Northeastern beach tiger beetle	Threatened	Coastal Beaches	Chatham
	Sandplain gerardia	Endangered	Open areas with sandy soils.	Sandwich and Falmouth.
	Northern Red-bellied Cooter	Endangered	Inland Ponds and Rivers	Bourne (north of the Cape Cod Canal)
Berkshire	Bog Turtle	Threatened	Wetlands	Egremont and Sheffield
Bristol	Piping Plover	Threatened	Coastal Beaches	Fairhaven, Dartmouth, Westport
	Roseate Tern	Endangered	Coastal beaches and the Atlantic Ocean	Fairhaven, New Bedford, Dartmouth, Westport
	Northern Red-bellied Cooter	Endangered	Inland Ponds and Rivers	Taunton
Dukes	Roseate Tern	Endangered	Coastal beaches and the Atlantic Ocean	All Towns
	Piping Plover	Threatened	Coastal Beaches	All Towns
	Northeastern beach tiger beetle	Threatened	Coastal Beaches	Aquinnah and Chilmark
	Sandplain gerardia	Endangered	Open areas with sandy soils.	West Tisbury
Essex	Small whorled Pogonia	Threatened	Forests with somewhat poorly drained soils and/or a seasonally high water table	Gloucester, Essex and Manchester
	Piping Plover	Threatened	Coastal Beaches	Gloucester, Essex, Ipswich, Rowley, Revere, Newbury, Newburyport and Salisbury
Franklin	Northeastern bulrush	Endangered	Wetlands	Montague
	Dwarf wedgemussel	Endangered	Mill River	Whately
Hampshire	Small whorled Pogonia	Threatened	Forests with somewhat poorly drained soils and/or a seasonally high water table	Hadley
	Puritan tiger beetle	Threatened	Sandy beaches along the Connecticut River	Northampton and Hadley
	Dwarf wedgemussel	Endangered	Rivers and Streams.	Hadley, Hatfield, Amherst and Northampton
Hampden	Small whorled Pogonia	Threatened	Forests with somewhat poorly drained soils and/or a seasonally high water table	Southwick
Middlesex	Small whorled Pogonia	Threatened	Forests with somewhat poorly drained soils and/or a seasonally high water table	Groton
Nantucket	Piping Plover	Threatened	Coastal Beaches	Nantucket
	Roseate Tern	Endangered	Coastal beaches and the Atlantic Ocean	Nantucket
	American burying beetle	Endangered	Upland grassy meadows	Nantucket
Plymouth	Piping Plover	Threatened	Coastal Beaches	Scituate, Marshfield, Duxbury, Plymouth, Wareham and Mattapoisett
	Northern Red-bellied Cooter	Endangered	Inland Ponds and Rivers	Kingston, Middleborough, Carver, Plymouth, Bourne, Wareham, Halifax, and Pembroke
	Roseate Tern	Endangered	Coastal beaches and the Atlantic Ocean	Plymouth, Marion, Wareham, and Mattapoisett.
Suffolk	Piping Plover	Threatened	Coastal Beaches	Winthrop
Worcester	Small whorled Pogonia	Threatened	Forests with somewhat poorly drained soils and/or a seasonally high water table	Leominster

- Eastern cougar and gray wolf are considered extirpated in Massachusetts.
- Endangered gray wolves are not known to be present in Massachusetts, but dispersing individuals from source populations in Canada may occur statewide.
- Critical habitat for the Northern Red-bellied Cooter is present in Plymouth County.

Revised 06/22/2009



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Wellfleet

City/Town

Important:

When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



Note:
Before completing this form consult your local Conservation Commission regarding any municipal bylaw or ordinance.

A. General Information

1. Project Location (**Note:** electronic filers will click on button to locate project site):

20 Wellfleet Street

a. Street Address

Wellfleet

b. City/Town

02667

c. Zip Code

Latitude and Longitude:

20

f. Assessors Map/Plat Number

41 55 58 N

d. Latitude

70 02 06W

e. Longitude

19

g. Parcel /Lot Number

2. Applicant:

Maria

a. First Name

Hollis, Property Manager for

b. Last Name

Harborside Village Coop Corp

c. Organization

2000 Rudy's Way

d. Street Address

Wellfleet

e. City/Town

MA

f. State

02667

g. Zip Code

508-349-6348

h. Phone Number

i. Fax Number

hvmaria@comcast.net

j. Email Address

3. Property owner (required if different from applicant): ☐ Check if more than one owner

a. First Name

b. Last Name

c. Organization

d. Street Address

e. City/Town

f. State

g. Zip Code

h. Phone Number

i. Fax Number

j. Email address

4. Representative (if any):

David

a. First Name

Bennett

b. Last Name

Bennett Environmental Associates, Inc.

c. Company

P.O. Box 1743

d. Street Address

Brewster

e. City/Town

MA

f. State

02631

g. Zip Code

508-896-1706

h. Phone Number

508-896-5109

i. Fax Number

dbennett@bennett-ea.com

j. Email address

5. Total WPA Fee Paid (from NOI Wetland Fee Transmittal Form):

\$610.00

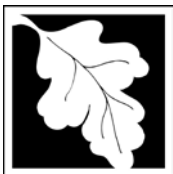
a. Total Fee Paid

\$292.50

b. State Fee Paid

\$317.50

c. City/Town Fee Paid



WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Wellfleet

City/Town

A. General Information (continued)

6. General Project Description:

Excavation, dewatering and discharge of clean water to allow for installation of treatment tanks (denitrification) associated with the upgrade of the wastewater treatment plant at the subject property.

7a. Project Type Checklist:

- | | |
|---|---|
| 1. <input type="checkbox"/> Single Family Home | 2. <input checked="" type="checkbox"/> Residential Subdivision |
| 3. <input type="checkbox"/> Limited Project Driveway Crossing | 4. <input type="checkbox"/> Commercial/Industrial |
| 5. <input type="checkbox"/> Dock/Pier | 6. <input type="checkbox"/> Utilities |
| 7. <input type="checkbox"/> Coastal Engineering Structure | 8. <input type="checkbox"/> Agriculture (e.g., cranberries, forestry) |
| 9. <input type="checkbox"/> Transportation | 10. <input checked="" type="checkbox"/> Other |

7b. Is any portion of the proposed activity eligible to be treated as a limited project subject to 310 CMR 10.24 (coastal) or 310 CMR 10.53 (inland)?

1. ☐ Yes ☒ No If yes, describe which limited project applies to this project:

2. Limited Project

8. Property recorded at the Registry of Deeds for:

Barnstable

a. County

19000

c. Book

b. Certificate # (if registered land)

204

d. Page Number

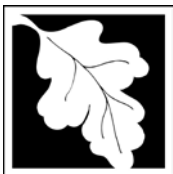
B. Buffer Zone & Resource Area Impacts (temporary & permanent)

1. ☐ Buffer Zone Only – Check if the project is located only in the Buffer Zone of a Bordering Vegetated Wetland, Inland Bank, or Coastal Resource Area.
2. ☒ Inland Resource Areas (see 310 CMR 10.54-10.58; if not applicable, go to Section B.3, Coastal Resource Areas).

Check all that apply below. Attach narrative and any supporting documentation describing how the project will meet all performance standards for each of the resource areas altered, including standards requiring consideration of alternative project design or location.

For all projects affecting other Resource Areas, please attach a narrative explaining how the resource area was delineated.

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
a. <input type="checkbox"/> Bank	1. linear feet	2. linear feet
b. <input checked="" type="checkbox"/> Bordering Vegetated Wetland	0	0
	1. square feet	2. square feet
c. <input type="checkbox"/> Land Under Waterbodies and Waterways	1. square feet	2. square feet
	3. cubic yards dredged	



WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Wellfleet

City/Town

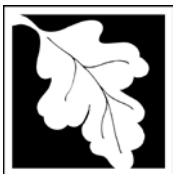
B. Buffer Zone & Resource Area Impacts (temporary & permanent) (cont'd)

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
d. <input checked="" type="checkbox"/> Bordering Land Subject to Flooding	20,000 1. square feet	20,000 2. square feet
	3. cubic feet of flood storage lost	4. cubic feet replaced
e. <input type="checkbox"/> Isolated Land Subject to Flooding	1. square feet	
	2. cubic feet of flood storage lost	3. cubic feet replaced
f. <input type="checkbox"/> Riverfront Area	1. Name of Waterway (if available)	
2. Width of Riverfront Area (check one):		
<input type="checkbox"/> 25 ft. - Designated Densely Developed Areas only		
<input type="checkbox"/> 100 ft. - New agricultural projects only		
<input type="checkbox"/> 200 ft. - All other projects		
3. Total area of Riverfront Area on the site of the proposed project:		square feet
4. Proposed alteration of the Riverfront Area:		
a. total square feet	b. square feet within 100 ft.	c. square feet between 100 ft. and 200 ft.
5. Has an alternatives analysis been done and is it attached to this NOI? <input type="checkbox"/> Yes <input type="checkbox"/> No		
6. Was the lot where the activity is proposed created prior to August 1, 1996? <input type="checkbox"/> Yes <input type="checkbox"/> No		
3. <input type="checkbox"/> Coastal Resource Areas: (See 310 CMR 10.25-10.35)		

Check all that apply below. Attach narrative and supporting documentation describing how the project will meet all performance standards for each of the resource areas altered, including standards requiring consideration of alternative project design or location.

Online Users:
Include your document transaction number (provided on your receipt page) with all supplementary information you submit to the Department.

Resource Area	Size of Proposed Alteration	Proposed Replacement (if any)
a. <input type="checkbox"/> Designated Port Areas	Indicate size under Land Under the Ocean, below	
b. <input type="checkbox"/> Land Under the Ocean	1. square feet	
	2. cubic yards dredged	
c. <input type="checkbox"/> Barrier Beach	Indicate size under Coastal Beaches and/or Coastal Dunes below	
d. <input type="checkbox"/> Coastal Beaches	1. square feet	2. cubic yards beach nourishment
e. <input type="checkbox"/> Coastal Dunes	1. square feet	2. cubic yards dune nourishment



WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Wellfleet

City/Town

B. Buffer Zone & Resource Area Impacts (temporary & permanent) (cont'd)

	<u>Size of Proposed Alteration</u>	<u>Proposed Replacement (if any)</u>
f. <input type="checkbox"/> Coastal Banks	1. linear feet	
g. <input type="checkbox"/> Rocky Intertidal Shores	1. square feet	
h. <input type="checkbox"/> Salt Marshes	1. square feet	2. sq ft restoration, rehab., creation
i. <input type="checkbox"/> Land Under Salt Ponds	1. square feet	
	2. cubic yards dredged	
j. <input type="checkbox"/> Land Containing Shellfish	1. square feet	
k. <input type="checkbox"/> Fish Runs	Indicate size under Coastal Banks, inland Bank, Land Under the Ocean, and/or inland Land Under Waterbodies and Waterways, above	
	1. cubic yards dredged	
l. <input type="checkbox"/> Land Subject to Coastal Storm Flowage	1. square feet	
4. <input type="checkbox"/> Restoration/Enhancement	If the project is for the purpose of restoring or enhancing a wetland resource area in addition to the square footage that has been entered in Section B.2.b or B.3.h above, please enter the additional amount here.	
	a. square feet of BVW	b. square feet of Salt Marsh
5. <input type="checkbox"/> Project Involves Stream Crossings		
	a. number of new stream crossings	b. number of replacement stream crossings

C. Other Applicable Standards and Requirements

Streamlined Massachusetts Endangered Species Act/Wetlands Protection Act Review

1. Is any portion of the proposed project located in **Estimated Habitat of Rare Wildlife** as indicated on the most recent Estimated Habitat Map of State-Listed Rare Wetland Wildlife published by the Natural Heritage and Endangered Species Program (NHESP)? To view habitat maps, see the *Massachusetts Natural Heritage Atlas* or go to http://www.mass.gov/dfwele/dfw/nhesp/regulatory_review/priority_habitat/online_viewer.htm.

a. ☐ Yes ☒ No

If yes, include proof of mailing or hand delivery of NOI to:

Natural Heritage and Endangered Species Program
Division of Fisheries and Wildlife
Route 135, North Drive
Westborough, MA 01581

2008

b. Date of map



WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Wellfleet

City/Town

C. Other Applicable Standards and Requirements (cont'd)

If yes, the project is also subject to Massachusetts Endangered Species Act (MESA) review (321 CMR 10.18). To qualify for a streamlined, 30-day, MESA/Wetlands Protection Act review, please complete Section C.1.C, and include requested materials with this Notice of Intent (NOI); *OR* complete Section C.1.d, if applicable. *If MESA supplemental information is not included with the NOI, by completing Section 1 of this form, the NHESP will require a separate MESA filing which may take up to 90 days to review (unless noted exceptions in Section 2 apply, see below).*

1. c. Submit Supplemental Information for Endangered Species Review*

1. ☐ Percentage/acreage of property to be altered:

(a) within wetland Resource Area

percentage/acreage

(b) outside Resource Area

percentage/acreage

2. ☐ Assessor's Map or right-of-way plan of site

3. ☐ Project plans for entire project site, including wetland resource areas and areas outside of wetlands jurisdiction, showing existing and proposed conditions, existing and proposed tree/vegetation clearing line, and clearly demarcated limits of work ****

(a) ☐ Project description (including description of impacts outside of wetland resource area & buffer zone)

(b) ☐ Photographs representative of the site

(c) ☐ MESA filing fee (fee information available at: http://www.mass.gov/dfwele/dfw/nhesp/regulatory_review/esa/esa_fee_schedule.htm).

Make check payable to "Natural Heritage & Endangered Species Fund" and **mail to NHESP** at above address

Projects altering 10 or more acres of land, also submit:

(d) ☐ Vegetation cover type map of site

(e) ☐ Project plans showing Priority & Estimated Habitat boundaries

d. OR Check One of the Following

1. ☐ Project is exempt from MESA review.
Attach applicant letter indicating which MESA exemption applies. (See 321 CMR 10.14, http://www.mass.gov/dfwele/dfw/nhesp/regulatory_review/esa/esa_exemptions.htm; the NOI must still be sent to NHESP if the project is within estimated habitat pursuant to 310 CMR 10.37 and 10.59.)

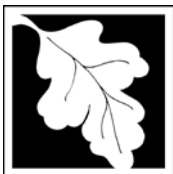
2. ☐ Separate MESA review ongoing.

a. NHESP Tracking #

b. Date submitted to NHESP

* Some projects **not** in Estimated Habitat may be located in Priority Habitat, and require NHESP review (see <http://www.mass.gov/dfwele/dfw/nhesp/nhesp.htm>, regulatory review tab). Priority Habitat includes habitat for state-listed plants and strictly upland species not protected by the Wetlands Protection Act.

** MESA projects may not be segmented (321 CMR 10.16). The applicant must disclose full development plans even if such plans are not required as part of the Notice of Intent process.



WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Wellfleet

City/Town

C. Other Applicable Standards and Requirements (cont'd)

3. ☐ Separate MESA review completed.
Include copy of NHESP "no Take" determination or valid Conservation & Management Permit with approved plan.
2. For coastal projects only, is any portion of the proposed project located below the mean high water line or in a fish run?

a. ☐ Not applicable – project is in inland resource area only

b. ☐ Yes ☒ No If yes, include proof of mailing or hand delivery of NOI to either:

South Shore - Cohasset to Rhode
Island, and the Cape & Islands:

North Shore - Hull to New Hampshire:

Division of Marine Fisheries -
Southeast Marine Fisheries Station
Attn: Environmental Reviewer
838 South Rodney French Blvd.
New Bedford, MA 02744

Division of Marine Fisheries -
North Shore Office
Attn: Environmental Reviewer
30 Emerson Avenue
Gloucester, MA 01930

Also if yes, the project may require a Chapter 91 license. For coastal towns in the Northeast Region, please contact MassDEP's Boston Office. For coastal towns in the Southeast Region, please contact MassDEP's Southeast Regional Office.

3. Is any portion of the proposed project within an Area of Critical Environmental Concern (ACEC)?

a. ☐ Yes ☐ No If yes, provide name of ACEC (see instructions to WPA Form 3 or MassDEP Website for ACEC locations). **Note:** electronic filers click on Website.

Wellfleet Harbor

b. ACEC

4. Is any portion of the proposed project within an area designated as an Outstanding Resource Water (ORW) as designated in the Massachusetts Surface Water Quality Standards, 314 CMR 4.00?

a. ☐ Yes ☒ No

5. Is any portion of the site subject to a Wetlands Restriction Order under the Inland Wetlands Restriction Act (M.G.L. c. 131, § 40A) or the Coastal Wetlands Restriction Act (M.G.L. c. 130, § 105)?

a. ☐ Yes ☒ No

6. Is this project subject to provisions of the MassDEP Stormwater Management Standards?

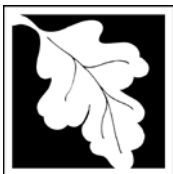
a. ☐ Yes. Attach a copy of the Stormwater Report as required by the Stormwater Management Standards per 310 CMR 10.05(6)(k)-(q) and check if:

1. ☐ Applying for Low Impact Development (LID) site design credits (as described in Stormwater Management Handbook Vol. 2, Chapter 3)
2. ☐ A portion of the site constitutes redevelopment
3. ☐ Proprietary BMPs are included in the Stormwater Management System.

b. ☒ No. Check why the project is exempt:

1. ☐ Single-family house

Online Users:
Include your document transaction number (provided on your receipt page) with all supplementary information you submit to the Department.



WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Wellfleet

City/Town

C. Other Applicable Standards and Requirements (cont'd)

2. ☐ Emergency road repair
3. ☒ Small Residential Subdivision (less than or equal to 4 single-family houses or less than or equal to 4 units in multi-family housing project) with no discharge to Critical Areas.

D. Additional Information

Applicants must include the following with this Notice of Intent (NOI). See instructions for details.

Online Users: Attach the document transaction number (provided on your receipt page) for any of the following information you submit to the Department.

1. ☒ USGS or other map of the area (along with a narrative description, if necessary) containing sufficient information for the Conservation Commission and the Department to locate the site. (Electronic filers may omit this item.)
2. ☒ Plans identifying the location of proposed activities (including activities proposed to serve as a Bordering Vegetated Wetland [BVW] replication area or other mitigating measure) relative to the boundaries of each affected resource area.
3. ☒ Identify the method for BVW and other resource area boundary delineations (MassDEP BVW Field Data Form(s), Determination of Applicability, Order of Resource Area Delineation, etc.), and attach documentation of the methodology.
4. ☒ List the titles and dates for all plans and other materials submitted with this NOI.

Wastewater Treatment Plant Modification BRP WP-68 Plan Approval w/o GWDP Renewal

a. Plan Title

Bennett Environmental Associates, Inc.

Linda Pinto

b. Prepared By

c. Signed and Stamped by

April 28, 2011

1" = 60'

d. Final Revision Date

e. Scale

Wastewater Treatment Plant Modification Dewatering Plan

August 16, 2011

f. Additional Plan or Document Title

g. Date

5. ☐ If there is more than one property owner, please attach a list of these property owners not listed on this form.
6. ☐ Attach proof of mailing for Natural Heritage and Endangered Species Program, if needed.
7. ☐ Attach proof of mailing for Massachusetts Division of Marine Fisheries, if needed.
8. ☒ Attach NOI Wetland Fee Transmittal Form
9. ☐ Attach Stormwater Report, if needed.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands

WPA Form 3 – Notice of Intent

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Provided by MassDEP:

MassDEP File Number

Document Transaction Number

Wellfleet

City/Town

E. Fees

1. ☐ Fee Exempt: No filing fee shall be assessed for projects of any city, town, county, or district of the Commonwealth, federally recognized Indian tribe housing authority, municipal housing authority, or the Massachusetts Bay Transportation Authority.

Applicants must submit the following information (in addition to pages 1 and 2 of the NOI Wetland Fee Transmittal Form) to confirm fee payment:

3866

2. Municipal Check Number

8/17/11

3. Check date

3865

4. State Check Number

8/17/11

5. Check date

Bennett Environmental Associates, Inc.

6. Payor name on check: First Name

7. Payor name on check: Last Name

F. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Notice of Intent and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge. I understand that the Conservation Commission will place notification of this Notice in a local newspaper at the expense of the applicant in accordance with the wetlands regulations, 310 CMR 10.05(5)(a).

I further certify under penalties of perjury that all abutters were notified of this application, pursuant to the requirements of M.G.L. c. 131, § 40. Notice must be made by Certificate of Mailing or in writing by hand delivery or certified mail (return receipt requested) to all abutters within 100 feet of the property line of the project location.

1. Signature of Applicant

2. Date

3. Signature of Property Owner (if different)

4. Date

5. Signature of Representative (if any)

6. Date

For Conservation Commission:

Two copies of the completed Notice of Intent (Form 3), including supporting plans and documents, two copies of the NOI Wetland Fee Transmittal Form, and the city/town fee payment, to the Conservation Commission by certified mail or hand delivery.

For MassDEP:

One copy of the completed Notice of Intent (Form 3), including supporting plans and documents, one copy of the NOI Wetland Fee Transmittal Form, and a **copy** of the state fee payment to the MassDEP Regional Office (see Instructions) by certified mail or hand delivery.

Other:

If the applicant has checked the "yes" box in any part of Section C, Item 3, above, refer to that section and the Instructions for additional submittal requirements.

The original and copies must be sent simultaneously. Failure by the applicant to send copies in a timely manner may result in dismissal of the Notice of Intent.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands
NOI Wetland Fee Transmittal Form
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



To calculate filing fees, refer to the category fee list and examples in the instructions for filling out WPA Form 3 (Notice of Intent).

A. Applicant Information

1. Applicant:

Maria Hollis, Property Manager for
a. First Name b. Last Name
Harborside Village Coop Corp
c. Organization
2000 Rudy's Way
d. Mailing Address
Wellfleet MA 02667
e. City/Town f. State g. Zip Code
508-349-6348 hvmaria@comcast.net
h. Phone Number i. Fax Number j. Email Address

2. Property Owner (if different):

a. First Name b. Last Name
c. Organization
d. Mailing Address
e. City/Town f. State g. Zip Code
h. Phone Number i. Fax Number j. Email Address

3. Project Location:

20 Wellfleet Street Wellfleet
a. Street Address b. City/Town

B. Fees

The fee should be calculated using the following six-step process and worksheet. **Please see Instructions before filling out worksheet.**

Step 1/Type of Activity: Describe each type of activity that will occur in wetland resource area and buffer zone.

Step 2/Number of Activities: Identify the number of each type of activity.

Step 3/Individual Activity Fee: Identify each activity fee from the six project categories listed in the instructions.

Step 4/Subtotal Activity Fee: Multiply the number of activities (identified in Step 2) times the fee per category (identified in Step 3) to reach a subtotal fee amount. Note: If any of these activities are in a Riverfront Area in addition to another Resource Area or the Buffer Zone, the fee per activity should be multiplied by 1.5 and then added to the subtotal amount.

Step 5/Total Project Fee: Determine the total project fee by adding the subtotal amounts from Step 4.

Step 6/Fee Payments: To calculate the state share of the fee, divide the total fee in half and subtract \$12.50. To calculate the city/town share of the fee, divide the total fee in half and add \$12.50.



Massachusetts Department of Environmental Protection
Bureau of Resource Protection - Wetlands
NOI Wetland Fee Transmittal Form
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

B. Fees (continued)

Step 1/Type of Activity	Step 2/Number of Activities	Step 3/Individual Activity Fee	Step 4/Subtotal Activity Fee
Cat 1(e)	1	110	110
Cat 2(g)	1	500	500
Step 5/Total Project Fee:			610.00

Step 6/Fee Payments:

Total Project Fee:	<u>\$610.00</u>
	a. Total Fee from Step 5
State share of filing Fee:	<u>\$292.50</u>
	b. 1/2 Total Fee less \$12.50
City/Town share of filing Fee:	<u>\$317.50</u>
	c. 1/2 Total Fee plus \$12.50

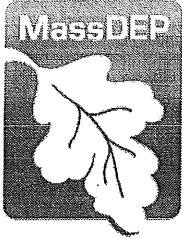
C. Submittal Requirements

- a.) Complete pages 1 and 2 and send with a check or money order for the state share of the fee, payable to the Commonwealth of Massachusetts.

Department of Environmental Protection
Box 4062
Boston, MA 02211

- b.) **To the Conservation Commission:** Send the Notice of Intent or Abbreviated Notice of Intent; a **copy** of this form; and the city/town fee payment.

To MassDEP Regional Office (see Instructions): Send a copy of the Notice of Intent or Abbreviated Notice of Intent; a **copy** of this form; and a **copy** of the state fee payment. (E-filers of Notices of Intent may submit these electronically.)



Commonwealth of Massachusetts
Executive Office of Energy & Environmental Affairs

RECEIVED JUN 16 2011

Department of Environmental Protection

Southeast Regional Office • 20 Riverside Drive, Lakeville MA 02347 • 508-946-2700

DEVAL L. PATRICK
Governor

TIMOTHY P. MURRAY
Lieutenant Governor

RICHARD K. SULLIVAN JR.
Secretary

KENNETH L. KIMMELL
Commissioner

June 14, 2011

Maria Hollis
Harborside Village Cooperative Corporation
2000 Rudys Way
Wellfleet, Massachusetts 02667

RE: WELLFLEET – BRPWP68, Harborside
Village, Kendrick Avenue
Permit No.: SE 640-1
Transmittal No. X238180

Dear Ms. Hollis:

The Department of Environmental Protection has completed a review of engineering report and specifications depicting the proposed upgrades to the wastewater treatment facility at the above referenced location. The final design plans propose modifications to the existing wastewater treatment to reliably achieve proposed discharge limits for Total Nitrogen and Nitrate. With your application you also submitted a Certification Statement signed by Linda J. Pinto, a Massachusetts Registered Professional Engineer.

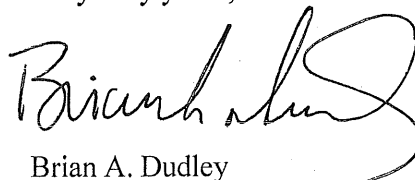
The Department hereby approves the modification subject to the following:

1. Construction shall be in strict accordance with the above-mentioned engineering report, design plans, specifications and provisions of this approval. No changes shall be made without the prior written approval of the Department.
2. A water test of the modifications to the treatment facility must be performed prior to the modifications being put on-line. The water test shall be scheduled at least twenty-one (21) days in advance so that Department personnel can be present.
3. Fourteen (14) days prior to the water test, an updated operation and maintenance manual prepared in accordance with 314 CMR 12.04(1) shall be submitted to this office for review.
4. Fourteen (14) days prior to the water test, written certification that the modifications were constructed in accordance with the approved plans shall be submitted by a Professional Engineer registered in the Commonwealth of Massachusetts. Nothing in this provision is intended to interfere with the right of the Department to inspect the facilities at any time during construction in order to assess compliance with the final plans as approved by the Department.
5. Fourteen (14) days prior to the water test, an updated spare parts inventory list shall be submitted to this office. All spare parts must be on-site at the time of the clear water test.
6. Operation and maintenance of the facility must be in accordance with 314 CMR 12.00: "Operation and Maintenance and Pretreatment Standards for Wastewater Treatment Works and Indirect Discharges" and 257 CMR 2.00: "Rules and Regulations for Certification of Operators of Wastewater Treatment Facilities".

7. The operation of the referenced facility must comply with all the requirements listed in the Final Groundwater Discharge Permit 640 -1 or its successor.
8. This approval pertains to the discharge of sanitary waste only. Non-sanitary waste shall not be discharged into the wastewater treatment facility.
9. The owner/operator of the system shall properly operate and maintain the system at all times in accordance with the approved plan.
10. The owner/operator shall furnish the Department, within a reasonable time, any information, which the Department may request to determine whether cause exists for modifying, revoking, reissuing or terminating this approval or to determine whether the owner/operator is complying with the terms and conditions of this approval.
11. The facility served by the system and the system itself shall be open to inspection by the Department at all reasonable times.
12. The Department must approve in writing any expansion of the facility resulting in additional sewage flows to the wastewater treatment facility.
13. Enclosed are signed approved plans which must be kept on-site at all times during construction.

Should you have any questions regarding this matter, please contact Christos Dimisioris at (508) 946-2736.

Very truly yours,



Brian A. Dudley
Bureau of Resource Protection

D/CD/

Enclosure

cc: Linda J. Pinto, PE
Bennett Environmental Associates
1573 Main Street, P.O. Box 1743
Brewster, Massachusetts 02631
(with enclosure)

Hillary Greenberg
Wellfleet Board of Health
300 Main Street
Wellfleet, Massachusetts 02667
(with enclosure)

DEP-Boston
ATTN: Wastewater Management

3,000 GALLON FINAL DISCHARGE
NOT TO SCALE

APPROVED

MASSACHUSETTS DEPARTMENT OF
ENVIRONMENTAL PROTECTION

Bennett, Linda J. date 6/14/11



Project:

HARBORSIDE VILLAGE COOPERATIVE
CORPORATION

2000 RUDY'S WAY, WELLFLEET, MA

Title:

WASTEWATER TREATMENT PLANT MODIFICATION
BRP WP-68

PLAN APPROVAL WITHOUT GWDP RENEWAL
GROUNDWATER DISCHARGE PERMIT # SE 640-1



**BENNETT ENVIRONMENTAL
ASSOCIATES, INC.**

LICENSED SITE PROFESSIONALS, ENVIRONMENTAL SCIENTISTS,
GEOLOGISTS, SANITARIANS

1573 MAIN STREET, P.O. BOX 1743, BREWSTER, MA 02361

PHONE: (508) 896-1706

www.bennett-ea.com

FAX: (508) 896-5109

SHEET 2A

is sheet replaces Sheets 2 & 3 of 10 of
a plan by Mount Hope Engineering
titled "Site Plan" of Solwaster's Trailer
rk, 20 Westlery Avenue, P.O. Box 15,
ellfleet, MA 02667-0715, dated
15/96 and revised 12/30/97.

arborside\Harborside SDS Plan 02/03/11

DATE

04/28/11

SCALE

As Noted

BY

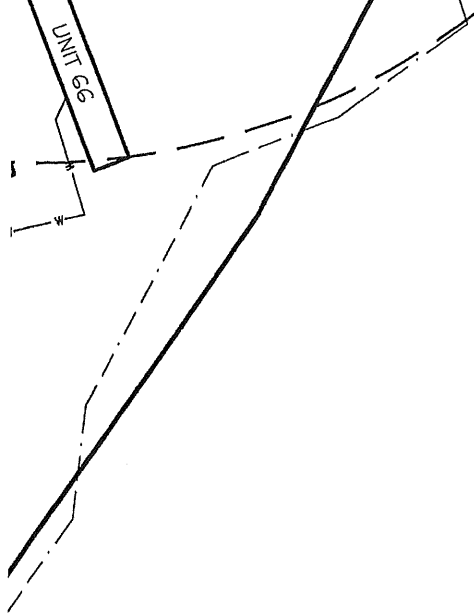
LJP/1

CHECK

DCB

JOB NUMBER

BEA09-10102




APPROVED

MASSACHUSETTS DEPARTMENT OF
ENVIRONMENTAL PROTECTION

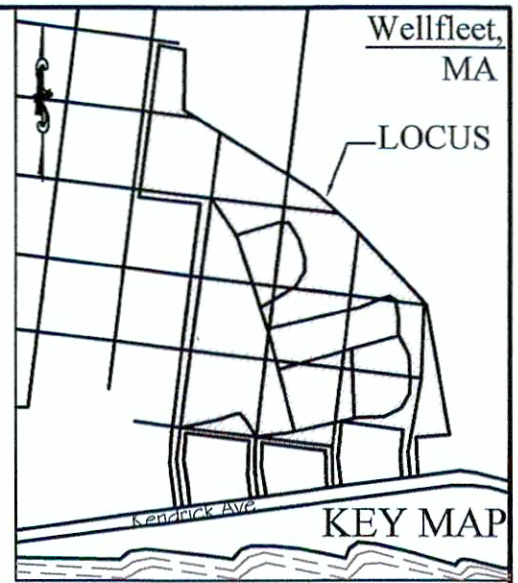
[Signature] date 6/14/11



Project: HARBORSIDE VILLAGE COOPERATIVE CORPORATION 2000 RUDY'S WAY, WELLFLEET, MA				
Title: WASTEWATER TREATMENT PLANT MODIFICATION BRP WP-68 PLAN APPROVAL WITHOUT GWDP RENEWAL GROUNDWATER DISCHARGE PERMIT # SE 640-1				
 BENNETT ENVIRONMENTAL ASSOCIATES, INC. LICENSED SITE PROFESSIONALS, ENVIRONMENTAL SCIENTISTS, GEOLOGISTS, SANITARIANS 1573 MAIN STREET, P.O. BOX 1743, BREWSTER, MA 02361 PHONE: (508) 896-1706 www.bennett-ea.com FAX: (508) 896-5109				
DATE 04/28/11	SCALE As Noted	BY LJP/1	CHECK DCB	JOB NUMBER BEA09-10102

SHEET 1A

This sheet replaces Sheet 1 of 10 of the plan by Mount Hope Engineering entitled "Site Plan" of Schuster's Trailer Park, 20 Weatherly Avenue, P.O. Box 15, Wellfleet, MA 02667-0715, dated 9/15/96 and revised 12/30/97.

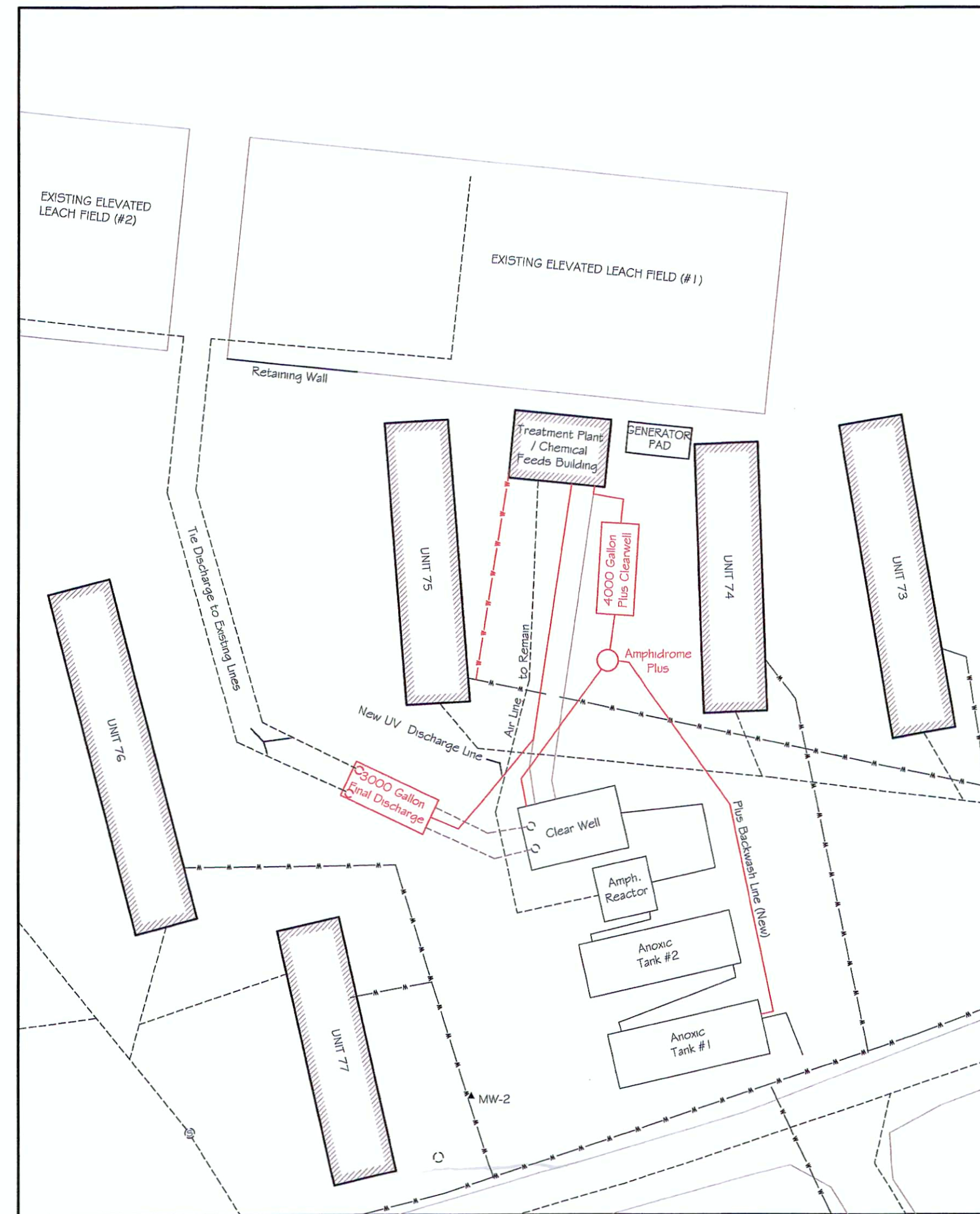


REFERENCE

Plan Prepared by Mount Hope Engineering
Entitled "Site Plan" for Schuster's By The Bay, Dated 09/15/96
Plan Prepared by Coastal Engineering Co.
Entitled "Schematic for Well/Pump Hookup", Dated 01/20/87
Plan Prepared by Coastal Engineering Co.
Entitled "Schematic for Well Hoop-Up & Containment Facilities", Dated 06/30/89

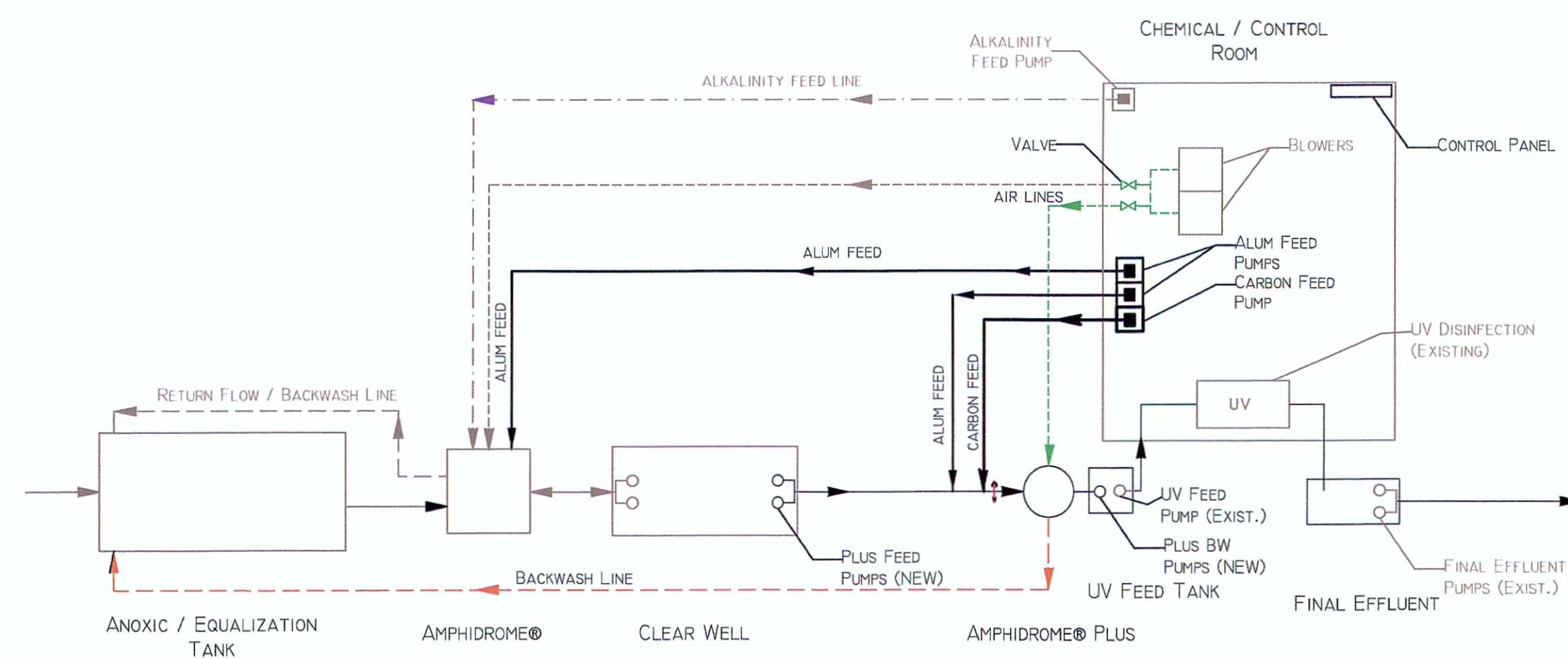
LEGEND

- Existing PWS Well
- Existing Private Well
- Existing Monitoring Well
- Lift/Pump Station
- Water Line
- Existing Feature
- Proposed Feature
- Bordering Vegetated Wetland



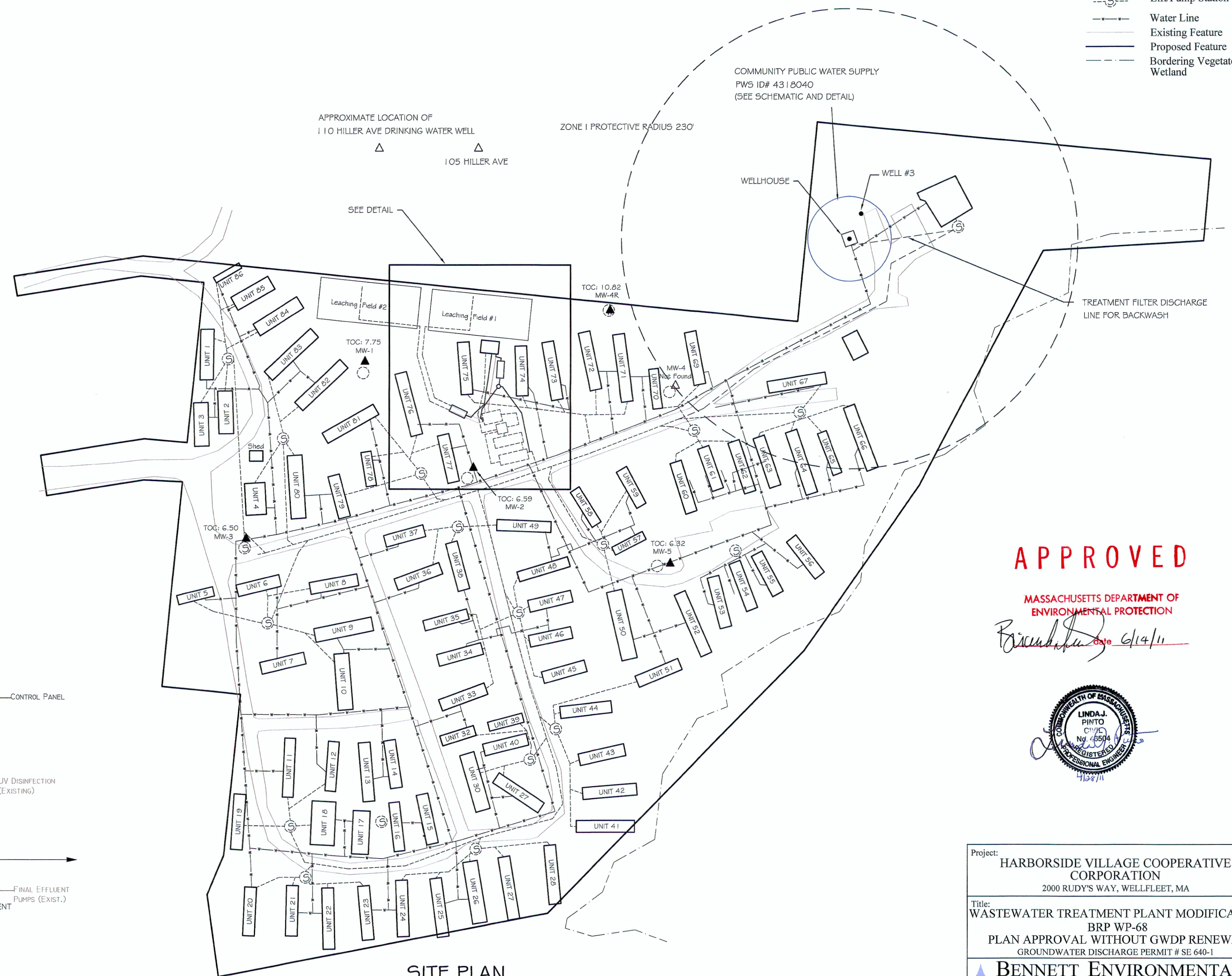
SCHEMATIC DETAIL OF
PROPOSED PLANT UPGRADE

SCALE: 1" = 20'



PROCESS FLOW SCHEMATIC

NOT TO SCALE



SITE PLAN

SCALE: 1" = 60'

SHEET 1A

This sheet replaces Sheet 1 of 10 of the plan by Mount Hope Engineering entitled "Site Plan" for Schuster's Trailer Park, 20 Wellfleet Avenue, P.O. Box 18, Wellfleet, MA 02587-0715, dated 01/20/87 and revised 10/20/87.

0 60 120 180
SCALE 1"=60'

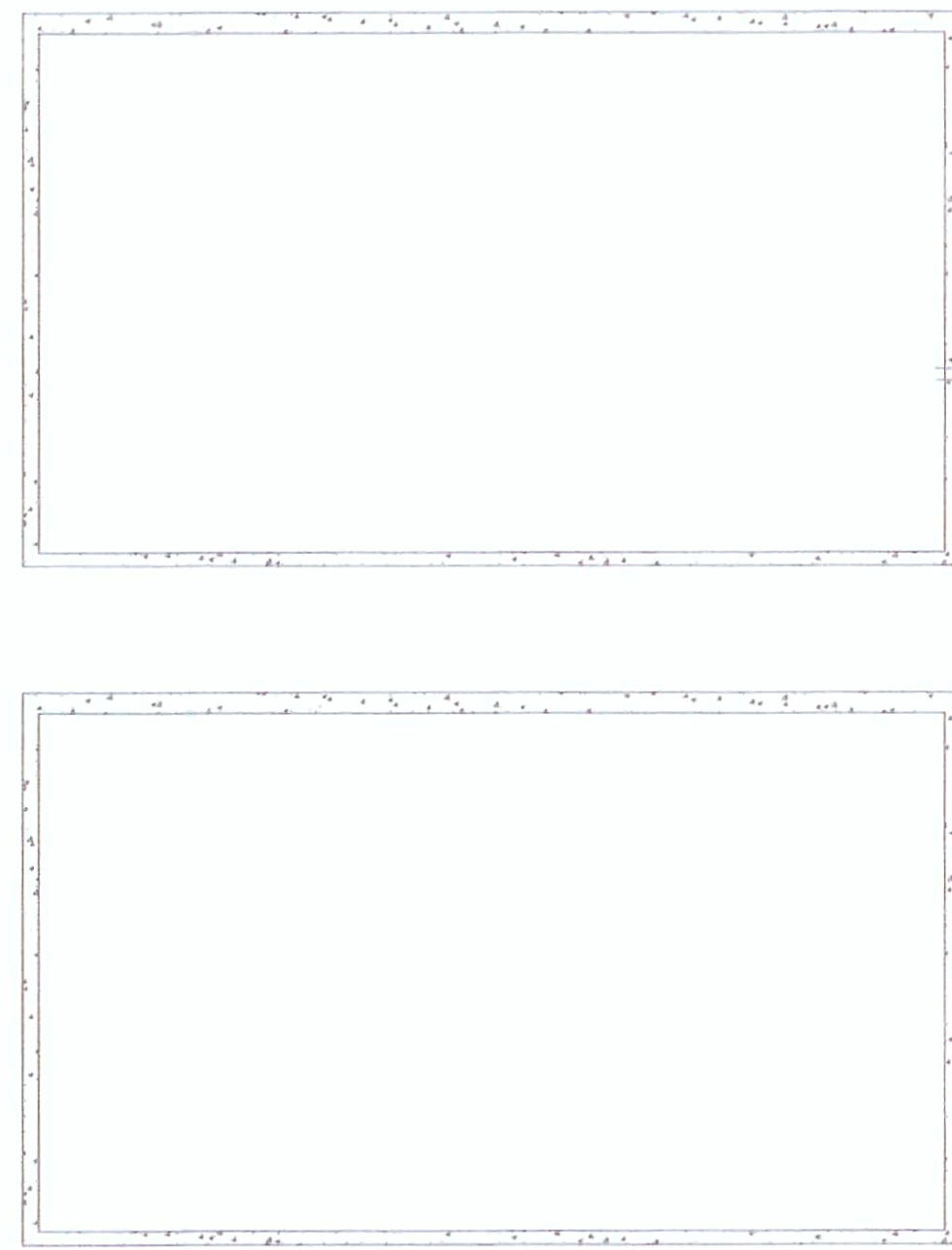
APPROVED

MASSACHUSETTS DEPARTMENT OF
ENVIRONMENTAL PROTECTION

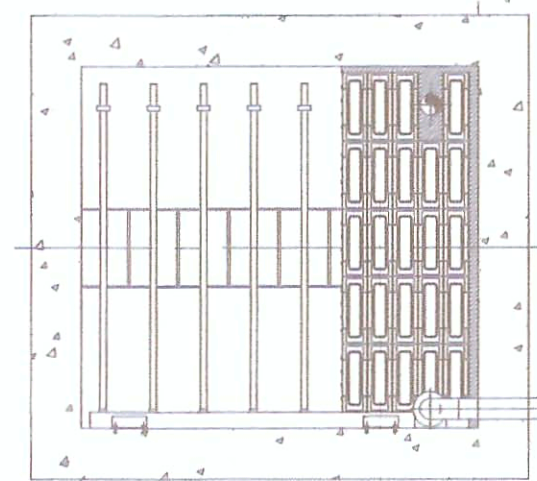
B. J. Pinto 6/14/11



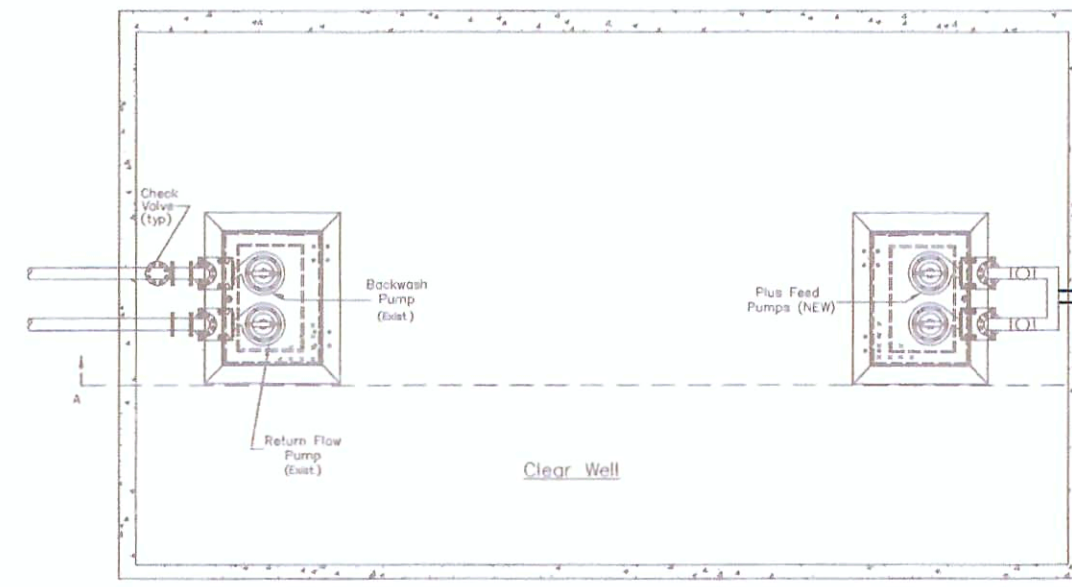
Project: HARBORSIDE VILLAGE COOPERATIVE CORPORATION 2000 RUDY'S WAY, WELLFLEET, MA			
Title: WASTEWATER TREATMENT PLANT MODIFICATION BRP WP-68 PLAN APPROVAL WITHOUT GWDP RENEWAL GROUNDWATER DISCHARGE PERMIT # SE 640-1			
BENNETT ENVIRONMENTAL ASSOCIATES, INC. LICENSED SITE PROFESSIONALS, ENVIRONMENTAL SCIENTISTS, GEOLOGISTS, SANITARIANS 1573 MAIN STREET, P.O. BOX 1743, BREWSTER, MA 02361 PHONE: (508) 896-1706 FAX: (508) 896-5109 www.bennettma.com			
DATE 04/28/11	SCALE As Noted	BY LJP/l	CHECK DCB JOB NUMBER BEA09-10102



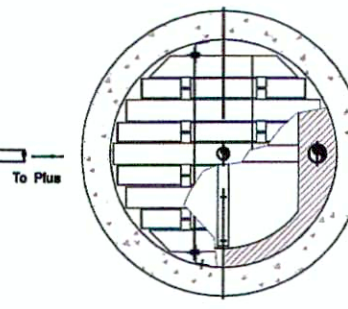
15,000 GALLON ANOXIC TANKS (2 PROVIDED)
(EXISTING)
NOT TO SCALE



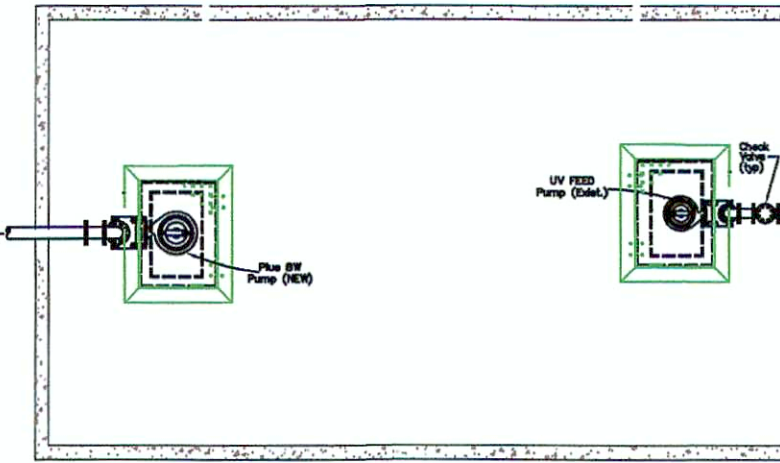
AMPHIDROME VESSEL
(EXISTING)
NOT TO SCALE



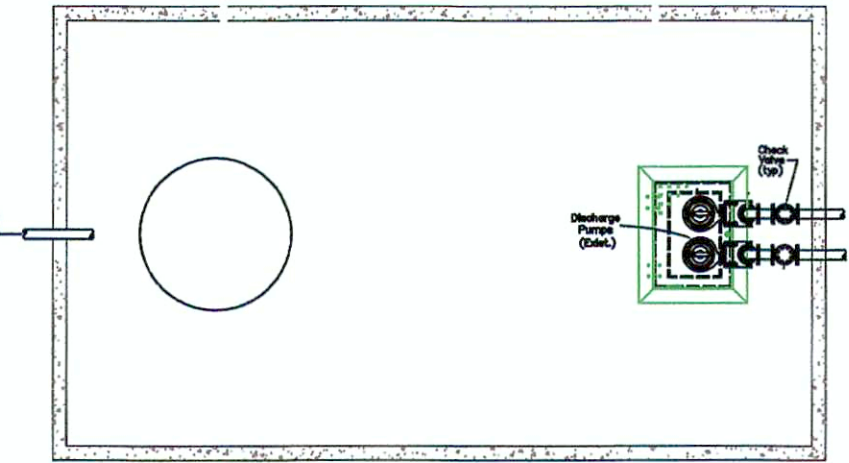
5,000 GALLON CLEARWELL
(EXISTING)
NOT TO SCALE



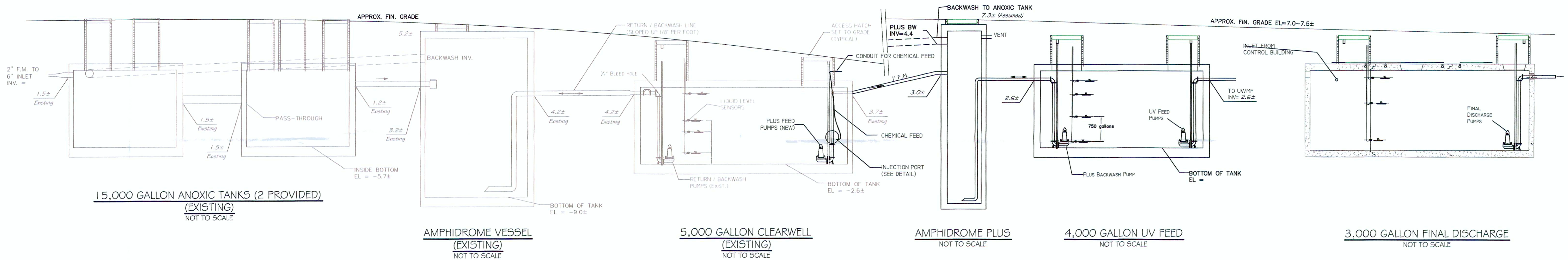
AMPHIDROME PLUS
NOT TO SCALE



4,000 GALLON UV FEED
NOT TO SCALE



3,000 GALLON FINAL DISCHARGE
NOT TO SCALE



15,000 GALLON ANOXIC TANKS (2 PROVIDED)
(EXISTING)
NOT TO SCALE

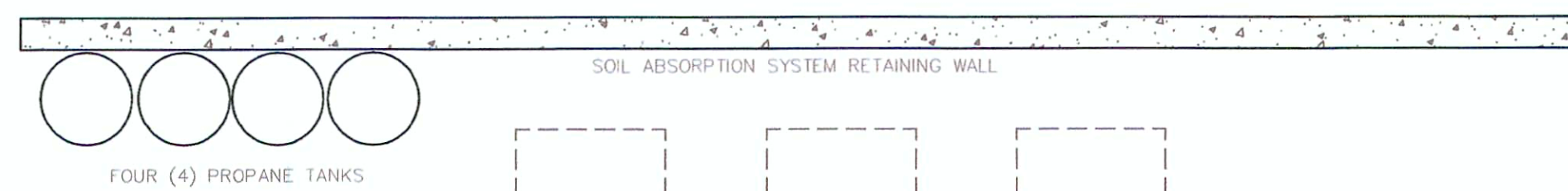
AMPHIDROME VESSEL
(EXISTING)
NOT TO SCALE

5,000 GALLON CLEARWELL
(EXISTING)
NOT TO SCALE

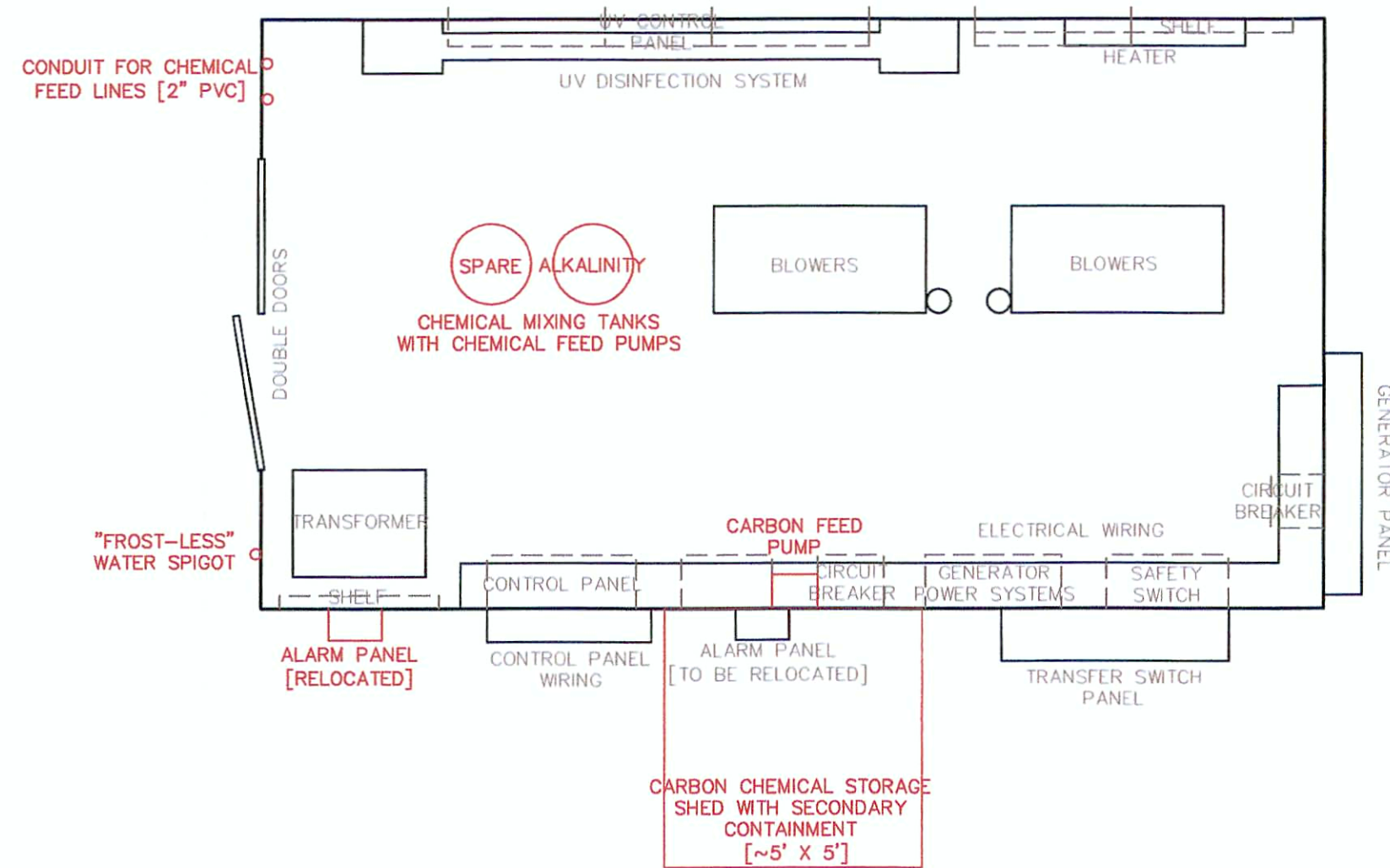
AMPHIDROME PLUS
NOT TO SCALE

4,000 GALLON UV FEED
NOT TO SCALE

3,000 GALLON FINAL DISCHARGE
NOT TO SCALE



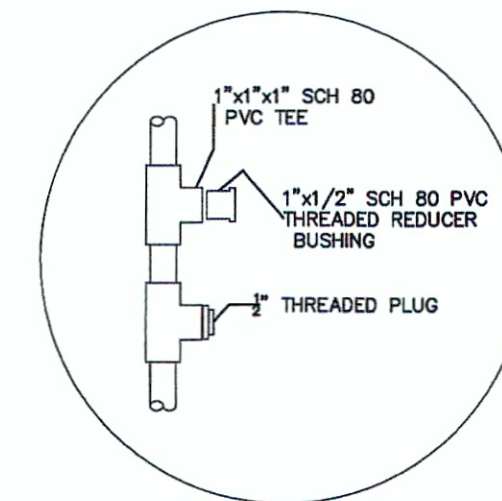
FOUR (4) PROPANE TANKS



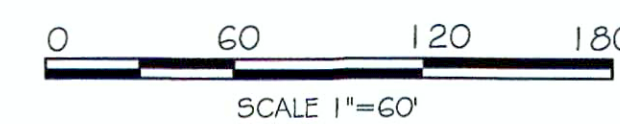
TREATMENT HOUSE SCHEMATIC
SCALE: 1" = 3'



GENERATOR PAD



INJECTION PORT
DETAIL



SCALE 1" = 60'

SHEET 2A

This sheet replaces Sheets 2 & 3 of 10 of the plan by Bennett Environmental Associates, Inc. dated 04/28/11. The plan is hereby revised to show the plan as shown on this sheet. The plan is hereby revised to show the plan as shown on this sheet. The plan is hereby revised to show the plan as shown on this sheet.

Bennett-Harborside/Harborside SDS Plan 02/03/11

APPROVED

MASSACHUSETTS DEPARTMENT OF
ENVIRONMENTAL PROTECTION

date 6/14/11



Project: HARBORSIDE VILLAGE COOPERATIVE CORPORATION 2000 RUDY'S WAY, WELLFLEET, MA				
Title: WASTEWATER TREATMENT PLANT MODIFICATION BRP WP-68 PLAN APPROVAL WITHOUT GWDP RENEWAL GROUNDWATER DISCHARGE PERMIT # SE 640-1				
BENNETT ENVIRONMENTAL ASSOCIATES, INC. LICENSED SITE PROFESSIONALS, ENVIRONMENTAL SCIENTISTS, GEOLOGISTS, SANITARIANS 1573 MAIN STREET, P.O. BOX 1743, BREWSTER, MA 02361 PHONE: (508) 896-1706 FAX: (508) 896-5109 www.bennett-ea.com				
DATE: 04/28/11	SCALE: As Noted	BY: LJP/1	CHECK: DCB	JOB NUMBER: BEA09-10102



RECEIVED SEP 28 2010

COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF ENERGY & ENVIRONMENTAL AFFAIRS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
SOUTHEAST REGIONAL OFFICE
20 RIVERSIDE DRIVE, LAKEVILLE, MA 02347 508-946-2700

DEVAL L. PATRICK
Governor

TIMOTHY P. MURRAY
Lieutenant Governor

IAN A. BOWLES
Secretary

LAURIE BURT
Commissioner

September 27, 2010

Mr. David C. Bennett
Bennett Environmental Associates
1573 Main Street, P.O. Box 1743
Brewster, Massachusetts 02631

RE: WELLFLEET: Harborside Village,
Kendrick Avenue, Permit No.: SE 640-1

Dear Mr. Bennett:

The Department of Environmental Protection has received the Engineering Report and Hydrogeologic Evaluation dated January 18, 2010, and the Final Engineering Report dated April 28, 2010. The Department concurs with the findings of the reports and the proposed implementation schedule as outlined in the April 28, 2010 report.

Should you have any questions regarding this matter, please contact Christos Dimisoris at (508) 946-2736.

Very truly yours,

Brian A. Dudley
Bureau of Resource Protection

D/CD/

\\dep-fp-lak-001\Home\$\cdimisoris\12\Harborside Village 640-1 Letter to David Bennett 09-27-10.doc