

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH



Deidre S. Gifford, MD, MPH
Acting Commissioner

Ned Lamont
Governor
Susan Bysiewicz
Lt. Governor

Drinking Water Section

July 22, 2021

Paula Free
Phoebe & Violet, LLC
249 West High Street
East Hampton, CT 06424

PUBLIC WATER SYSTEM: Route 66 Gas
249 West High Street
TOWN: East Hampton
CLASSIFICATION: TNC
DPH PROJECT NUMBER: 2021-0063

RE: CPCN Phase I-A Well Site Suitability Certification for Well #1 – Approved withdrawal rate of less than ten gallons per minute

Dear Ms. Free:

In accordance with the attached Notice of Well Site Suitability Certification and pursuant to the authority of Connecticut General Statutes (CGS) Section 25-33(b) and Regulations of Connecticut State Agencies (RCSA) Section 19-13-B102(d)(2) Well #1 has been inspected and found to be suitable for a withdrawal rate of less than ten (10) gallons per minute (gpm) at the location specified in the application and subject to the enclosed terms of the well site review. This well presently meets the requirements of RCSA Section 19-13-B51d(a) and CGS Section 25-33(b) according to the information provided in the well site application. It is the responsibility of the public water system to maintain the 75-foot radius of this well to assure drinking water purity and prevent contamination and potential violations of the RCSA

This letter is a suitability certification of this well only and does not allow use of the well until a Well Use Approval is obtained. It is the responsibility of the applicant to review and follow the terms of this Certification as outlined within the attached Notice of Well Site Suitability Certification.

The Public Water System will be fully responsible for maintaining the sanitary conditions within the Sanitary Radius of this well. Any changes affecting the sanitary conditions within the sanitary radius for the well may lead to a revocation of this site suitability approval. This Well Site Suitability Certification does not relieve the Public Water System of its responsibility to comply with other applicable federal, state and local laws.



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Please note that components of the required water quality monitoring conducted on this well as part of the approval process will indicate the potential corrosive nature of the water. Although there is no requirement to monitor for lead in drinking water for this classification of public water system, it is recommended that the water quality be analyzed for corrosive properties to determine the potential for leaching of lead into the water supply.

If the water is deemed to be corrosive, it is recommended that periodic first-draw tests for lead be conducted. The department can assist in analyzing the water chemistry and the potential for risks to public health.

CGS Section 25-33 (i) mandates that no public water supply system may be approved within a public water supply management area after the Commissioner of Public Health has convened a water utility coordinating committee unless (1) an existing public water supply system is unable to provide water service or (2) the committee recommends such approval. Existing PWS offer of service to a new public water system/ water company form was submitted to Town of East Hampton WPCA (ESA holder) on March 25, 2021, which is consistent with DPH conditions.

Please be reminded that this approval is not the final approval of the CPCN. Phase I-B and Phase II approvals must be obtained from DPH before operation the new public water system may commence.

The Department of Public Health (DPH) has completed its review of your Phase I-A application for a "Certificate of Public Convenience and Necessity" (CPCN) and has hereby granted its approval of this phase by issuing the Well Site Suitability Certification.

Should you have any questions or concerns regarding the Phase I-A approval, please contact Mira Picchioni of this office.

Sincerely,



Lori J. Mathieu
Public Health Branch Chief
Environmental Health and Drinking Water Branch

- c: Heather Aaron, MPH, LNHA, Deputy Commissioner, CT Department of Public Health
- Tom Chyra, Western Capacity Assessment Region Supervisor, CT Department of Public Health
- Russell Melmed, Director of Health, Chatham Health District
- Ryan McCammon, Chief Sanitarian, Chatham Health District
- C. Ryan Goad, CMG Environmental
- Doug Hoskins, Water Planning and Management Division, CT DEEP
- Vicky Carrier, Lead Sanitary Engineer, Western Capacity Assessment Region, CT DPH

NOTICE OF WELL SITE SUITABILITY CERTIFICATION

FROM:	Mira Picchioni
DATE:	July 22, 2021
DATE OF SITE VISIT:	June 23, 2021
VISITED WITH:	C. Ryan Goad, CMG Environmental Ryan McCammon, RS/REHS, HHS, Chatham Health District Chief Sanitarian Scott W. Jezek, Esq.; Jezek & Barbi, Attorneys at Law Monica Majeski-Owner's Daughter
SUBJECT:	CPCN Phase I-A Site Suitability Assessment
TOWN:	East Hampton, CT
DPH Project #:	2021-0063

NEED FOR SUPPLY: The applicant proposes to redevelop an existing building and add a gas station and is seeking approval to utilize the existing well as sole source of water supply for this public water system. The building is connected to an on-site septic system.

Background Information	
Public Water System Or Owner	Route 66 Gas
Consulting Engineer	C. Ryan Goad, CMG Environmental
Site Location	249 West High Street, East Hampton, CT
Licensed Well Driller	LaFramboise Water Service, Inc.
Type Of Well Proposed	Bedrock well
Proposed Withdrawal Rate	Less than 10 gallons per minute
Existing Topography	Flat
Groundwater Quality Of Aquifer	GA
Adjacent Well Locations	NA
Nearby Wells required to be tested per CGS Section 25-33(b) and CGS Section 16-262(m)(e)(1)(G)	Refer to #14 under terms of the well site suitability certification for recommendations to assess/monitor private and public wells nearby the proposed Well #1 for interference. Coordinate with the local health department concerning identification, notification and testing of any wells within, minimally, 500 feet.
Source Water Area	18 acres
Ownership or Control of Sanitary Radius	Route 66 Gas does not own the entire 75-foot radius. Please refer to #2 under terms of the well site suitability certification.
Groundwater Under The Direct Influence of Surface Water Study	N/A
DEEP Contacted On	Copied on this report
Map Information	"New Gasoline Dispenser and partial building interior remodel, Route 66 Gas, 249 West High Street, East Hampton, CT; Prepared for Phoebe & Violet LLC, prepared by CMG Environmental services Engineering Services, dated June 20, 2020; Revised 11/18/2020; 2/2/2021;4/26/2021;5/26/2021 and 6/23/2021; scale 1" = 20'
GPS Points	Lat: N 42°33'51.8" Lon: W 72°32'22.0"

Sources Of Pollution In Area per RCSA 19-13-B51	Distance (feet)*	Compass Heading*
Subsurface Sewage System (septic tank/leaching fields)	75 +	SW
Sanitary Sewer	NA	NA
Storm Drain	100+	S
Foundation, Floor Drain, Roof Drain***	36	W
Dry Well*	10.5	N
Annual High-Water Mark for Surface Water Body	NA	NA
Gaseous Fuel Storage Tank/Piping**	29.5	W

* At the site visit performed on June 23, 2021 was verified that the location of the dry well does not meet the setback distance requirements pursuant to Section 19-13-B51 (d) of the RCSA for a well with withdrawal rate of less than ten gallons per minute. Applicant indicated they will hire a licensed well driller to abandon the dry well.

** At the site visit performed on June 23, 2021 was verified that the location of the fuel tanks does not meet the setback distance requirements pursuant to Section 19-13-B51 (d) of the RCSA for a well with withdrawal rate of less than ten gallons per minute. The applicant indicated they plan to remove two (275 gal) existing above ground oil tanks.

*** At the site visit performed on June 23, 2021 was verified that Existing Cheers liquor store is 17.5 feet and existing storage/utility building is 25.1 feet northwest of the proposed well, however no roof drain was observed at these corners.

Water Supply Planning	
Water Utility Coordinating Committee (WUCC)	Central
Exclusive Service Area Provider	Town of East Hampton WPCA
Distance to closest public water system water main*	Approx. 6000'
Compliance with CGS Section 25-33(i)	Existing PWS is not willing to provide satellite ownership.
* Pursuant to CGS Section 16-262m (e), this system will be required to interconnect to a viable public water system if and when it becomes available. The Department will determine if a supply is available based on supply capacity, distance to system, cost to interconnect and other factors.	

TERMS OF THE WELL SITE REVIEW

Final approval of Well # 1 is contingent on Route 66 Gas demonstrating that: a) the existing dry well is disconnected and abandoned and b) the two existing (275 gal) above ground oil tanks are removed or adequate secondary containment is installed.

1. The well construction must be maintained in accordance with the Regulations of Connecticut State Agencies (RCSA) Sections 19-13-B51 (a) through (l) and the Connecticut Well Drilling Code Sections 25-128-33 through 25-128-64. **Recently the well casing was properly extended to meet regulatory requirements.**
2. Route 66 Gas is a non-community water system that owns the water system and well. Route 66 Gas does not own the entire 75-foot radius of the new proposed well. The Sanitary radius of the well extends to the east 65 feet into neighboring parcel/property. A protective easement has been executed that provides land protections for the well.

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3. The location of the well, as noted on the site plan dated June 20, 2018, provided with the Application for a Well Site Suitability Certification, cannot be altered without written approval from this office.
4. This office must be notified immediately in writing of any pollution, spills, or any change to the sanitary conditions or the sources of pollution within the recharge area of the well. This information may lead to a modification of this well site suitability review. All components of the proposed gas station development are to be located outside of the 75' sanitary radius of the well.
5. This Well Site Suitability Certification is valid until November 30, 2021. If the well is not approved by this date the approval expires, and a new well site application must be provided to this office for review. In that case, a new written review must be issued by this office prior to well development.
6. RCSA Section 19-13-B51d requires a minimum separating distance of 75 feet from the well to sanitary sewer lines. Greater separating distance shall be required for certain industrial wastes or certain rock formations. If the sanitary sewer is constructed of extra heavy cast iron pipe with leaded joints or equal approved type of joint, a minimum separating distance of 25 feet is required per RCSA Section 19-13-B51d(a)(2).
7. The well's condition must be maintained in accordance with the Drinking Water Section's "General Terms for Well Site Development." This document can be obtained via the Drinking Water Section's website. It is the responsibility of the applicant to review and follow the conditions outlined within this document.
8. Components of the required water quality monitoring conducted on this well as part of the approval process will indicate the potentially corrosive nature of the water. Although there is no requirement to monitor for lead in drinking water for this classification of public water system, it is recommended that the water quality be analyzed for corrosive properties to determine the potential for leaching of lead into the water supply.
9. If the water is deemed to be corrosive, it is recommended that periodic first-draw tests for lead be conducted. The department can assist in analyzing the water chemistry and the potential for risks to public health.
10. Protective structures should be installed in a manner to prevent damage to the well from motorized vehicles and plows.
11. Use and overuse of snow/ice control products near the wellhead areas can negatively affect drinking water quality. Best management practices must be developed to protect drinking water quality.
12. CGS 16-262m (e)(3) mandates that the applicant obtain service from the exclusive service area provider once a water main has been extended. Route 66 Gas shall connect to the water main of the exclusive service area provider if, and when, it becomes available.
13. Route 66 Gas must collect a water sample from Well for analysis for perfluoroheptanoic acid (PFHpA), perfluorohexane sulfonate (PFHxS), perfluorooctanoic acid (PFOA), perfluorooctane sulfonate (PFOS), and perfluorononanoic acid (PFNA). The samples must be analyzed using

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EPA method 537 at an [approved lab registered in CT](#) to perform this method. The results of the sample must be provided to the Department of Public Health with the Phase I-B Application. A list of laboratories is attached and may be found on the Department of Public Health's website.

14. Route 66 Gas must identify and arrange to assess/monitor public or private wells within, minimally 500 feet of proposed Well if an increase in the withdrawal rate of this well is proposed. Private well information may be obtained through the local health department.