

STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH



Renée D. Coleman-Mitchell, MPH
Commissioner

Ned Lamont
Governor
Susan Bysiewicz
Lt. Governor

Drinking Water Section

June 6, 2019

William E. Jordan
Director of Maintenance
Roncalli Chapel of the Angels
P.O. Box 427
1931 Portland – Cobalt Road
Portland, CT 06480

PUBLIC WATER SYSTEM: Roncalli Chapel of the Angels
TOWN: East Hampton
CLASSIFICATION: TNC
DPH PROJECT NUMBER: 2018-0033

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

Dear Mr. Jordan:

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) New Well #1 has been inspected and found to be suitable for drilling a well with a withdrawal rate of less than ten (10) gallons per minute (gpm) at the locations specified in the application and subject to the enclosed terms of the well site review. This well location presently meets the requirements of RCSA Section 19-13-B51d(a) and CGS Section 25-33(b) and is subject to the enclosed terms of the well site review. This site as proposed 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 applications. 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. At the time of the well site application, information provided by the applicant did not identify any known sources of pollution nor identified any concerns with the well location.

A copy of the attached Well Site Suitability Certification must be provided to the well drilling contractor prior to drilling and construction of the well. The Public Water System will be fully responsible for maintaining the sanitary conditions within the Sanitary Radius of this proposed well. Any changes affecting the sanitary condition within the sanitary radius for the proposed well may lead to a revocation



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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.

Please be reminded that this approval is not the final approval of the CPCN. You must seek and obtain Phase I-B and Phase II approvals from DPH before you can construct the new public water system.

Please note that components of the required water quality monitoring conducted on this well as part of the approval process will indicate the potential corrosivity 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.

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 Rich Iozzo of this office.

Sincerely,



Lori J. Mathieu
Public Health Section Chief
Drinking Water Section

Cc: Doug Hoskins, DEEP
Mandy Smith, Supervising Sanitary Engineer, Capacity Development Unit, DPH
Russell S. Melmed, Director of Health, Chatham Health District
Thomas Ghent, Consultant, Clear Blue Water Systems, LLC
Peter Callan, Board Member, St Clements Castle
Vincent Tursi, Tri-Chair, Central Water Utility Coordinating Committee
David Radka, Tri-Chair, Central Water Utility Coordinating Committee
Bart Halloran, Tri-Chair, Central Water Utility Coordinating Committee

NOTICE OF WELL SITE SUITABILITY CERTIFICATION

FROM: Richard Iozzo, Environmental Analyst 2
DATE: June 3, 2019
DATE OF SITE VISIT: May 23, 2019
VISITED WITH: William E. Jordan, Director of Maintenance; Don Mitchell, Chatham HD; Thomas Ghent, Consultant, Peter Callan, Board Member
SUBJECT: Well Site Review: New Well #1
TOWN: East Hampton, CT
DPH Project #: #2019-0033

NEED FOR SUPPLY: The proposed project involves the renovation of the existing building into a banquet facility for use by patrons of St. Clements Castle. The proposed well will serve the banquet facility. Due to the scale of the redevelopment of the source, this proposal has been determined to be the creation of a new public water system, and therefore subject to the CPCN procedures per CGS 16-262m. The existing well will be abandoned in accordance with RCSA 25-128-57.

Background Information	
Public Water System Or Owner	Roncalli Chapel of the Angels
Consulting Engineer	Thomas Ghent, Clear Blue Water Systems, LLC
Site Location	49 Oakum Dock Road
Licensed Well Driller	Thomas Mahan, Connecticut Wells, Inc.
Type Of Well Proposed	Bedrock
Proposed Withdrawal Rate	Less than 10 gallons per minute
Existing Topography	Slightly Sloped Down Grade of Well
Groundwater Quality Of Aquifer	GA
Adjacent Well Locations	Town of East Hampton Test Well approximately 425 ft. SE, existing Well #1 (to be abandoned) approximately 230 ft. East, private well 300 ft. N & 450 ft. East
Nearby Wells required to be tested per CGS Section 25-33(b) and CGS Section 16-262(m)(e)(1)(G)	Private wells within 500 feet of the proposed New Well # 1 may not have been viewed during the well site visit. 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	The 75 foot sanitary radius is owned by Roncalli Chapel of the Angels
Groundwater Under The Direct Influence of Surface Water Study	The proposed site of New Well # 1 is approximately 150 feet from the marina and 60 feet from a nearby stream. Roncalli Chapel of the Angels must demonstrate the presence of a confining layer in order for New Well #1 to not be subjected to a Groundwater Under the Direct Influence of Surface Water Study
DEEP Contacted On	By way of this document
Map Information	"Boundary Survey Prepared for Roncalli Institute, Inc.", January 15, 2018 and revision dates of 5/18/18 & 5/10/19
GPS Points	Lat: N 41.55789 Lon: W -072.56275



Sources Of Pollution In Area per RCSA 19-13-B51	Distance (feet)	Compass Heading
Subsurface Sewage System (septic tank/leaching fields)	100	SE
Sanitary Sewer	NA	NA
Storm Drain	77	N
Foundation, Floor Drain	170	E
Dry Well	NA	NA
Annual High Water Mark for Surface Water Body	60/150	W/S
Liquid Fuel Storage Tank/Piping	NA	NA
Gaseous Fuel Storage Tank/Piping	170+	E

Water Supply Planning	
Water Utility Coordinating Committee (WUCC)	Central WUCC
Exclusive Service Area Provider	Town of East Hampton
Distance to closest public water system water main*	2+ Miles
Compliance with CGS Section 25-33(i)	East Hampton is unable to provide service
* 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

1. The well must be constructed and completed 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.
2. Roncalli Chapel of the Angels is a non-community water system that once constructed will own the water system and well. Roncalli Chapel of the Angels owns the entire 75 foot radius of the new proposed New Well #1. Roncalli Chapel of the Angels is responsible for maintaining the 75 foot radius of this well to assure drinking water purity and prevent contamination and potential violations of the RCSA.
3. The location of the proposed well, as noted on the site plan dated May 10, 2019 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 proposed well prior to drilling. This information may lead to a modification of this well site suitability review. Drilling must be carried out by a licensed well driller in a manner which prevents contamination of the groundwater aquifer. Any contamination identified or caused in the groundwater recharge area during the drilling operation must be reported to this office in writing.

5. This Well Site Suitability Certification is valid until December 3, 2019. If the well is not drilled 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 must be constructed and completed in accordance with the Drinking Water Section's "General Terms for Well Site Development." This document can be obtained via the Drinking Water Sections website by clicking on Forms and Applications and then Well Site Approval. 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 potential corrosivity 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.
9. Use and overuse of snow/ice control products near the wellhead areas can negatively affect drinking water quality. In addition, the proposed New Well #1 is in close proximity to a parking lot. Best management practices must be developed and submitted to this office demonstrating a plan to protect the integrity of the well from vehicular damage and snow/ice controls.
10. Proposed Roncalli Chapel of the Angels must identify and monitor private wells within 500 feet of proposed New Well #1. Private well information may be obtained through the local health department.
11. Roncalli Chapel of the Angels must collect a water sample from New Well #1 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 EPA method 537 at an approved lab registered in CT to perform this method. The results of the sample must be provided to the DPH with the Phase IB Application. A list of laboratories is attached and may be found on the Department of Public Health's website.
12. The proposed site of New Well # 1 is approximately 150 feet from the marina and 60 feet from a nearby stream. Roncalli Chapel of the Angels must demonstrate the presence of a confining layer in order for New Well #1 to not be subjected to a Groundwater Under the Direct Influence of Surface Water Study. For more information please refer to the GWUDI guidance at <https://portal.ct.gov/DPH/Drinking-Water/DWS/Guidelines-for-the-Design-and-Operations-of-Public-Water-System-Treatment-Works-and-Sources>

