

REQUEST FOR QUOTATION

BID NUMBER: 387

STATE OF CONNECTICUT
ENVIRONMENTAL PROTECTION
141 SOUTH ST., UNIT D
WEST HARTFORD CT 06110-1963
PHONE: 860-723-7605
FAX: 860-953-8581

<u>Vendor Name & Address:</u>	<u>WORK PERFORMED AT:</u>
Phone: _____ Fax: _____	Quinebaug Valley Trout Hatchery Trout Hatchery Rd Central Village CT

DATE ISSUED	ISSUED BY Mel Carmichael	DATE/TIME BID REQUIRED 8-21-06 11 AM EST	DATE WORK REQUIRED	F.O.B.	TERMS
8-10-06	Return bid to the West Hartford address below	SEE INSTRUCTIONS BELOW	1 WEEK A.R.O.	ALL PRICES MUST BE F.O.B. DESTINATION	Net 45 days

ITEM NO.	DESCRIPTION	UNIT	QUAN	UNIT PRICE	TOTAL
1	Well redevelopment as per attached specs and conditions.			Please	Note:
	Please call Dave Sumner at 860-564-7542 to view the job site.			Bidders	are not
	If awarded bid price exceeds \$25,000.00 the awarded bidder			required	to
	will be required to provide a performance bond, a labor and			attend	the
	materials bond, and a certificate of insurance. THIS IS A			bid	opening
	SEALED BID, ALL BIDS MUST BE RECEIVED BY DATE &				
	TIME LISTED ABOVE. Send bids to: State of CT, D.E.P.,				
	141 South St., Unit D, West Hartford CT 06110, Attn: Mel				
	Carmichael. Be sure to write QUINEBAUG HATCHERY				
	SEALED BID on the envelope.			Total-->	

NOTE: DO NOT INCLUDE FEDERAL EXCISE TAXES OR CONNECTICUT SALES TAX, AS THE STATE IS EXEMPT.
 BIDDER INSTRUCTIONS: PLEASE FAX YOUR QUOTE ON THIS FORM TO (860) 953-8581 AND MAIL FORM WITH ORIGINAL SIGNATURE TO THE ADDRESS IN THE UPPER RIGHT HAND CORNER. ALL PRICES MUST BE F.O.B. DESTINATION AND YOU MUST SIGN THIS FORM. THE STATE RESERVES THE RIGHT TO REJECT IN WHOLE OR IN PART ANY AND ALL BIDS. PLEASE NOTE BID DEADLINE. LATE BIDS WILL NOT BE ACCEPTED. THE UNDERSIGNED BIDDER AFFIRMS AND DECLARES: THAT THIS QUOTATION IS EXECUTED AND SIGNED BY SAID BIDDER WITH FULL KNOWLEDGE AND ACCEPTANCE OF THE PROVISIONS OF FORM SP-19 OF CURRENT ISSUE AND IN EFFECT ON THE DATE OF THIS BID ISSUE. FORM SP-19, ENTITLED STANDARD BID AND CONTRACT TERMS AND CONDITIONS TOGETHER WITH THE COMMODITY SPECIFICATIONS, PROPOSAL SCHEDULE, AND SPECIAL BID AND CONTRACT TERMS ARE MADE A PART OF THIS REQUEST FOR QUOTATION.

QUOTATION NO.	DATE :	VENDOR FEIN/SSN :	ARE YOU INCORPORATED? YES NO	DELIVERY AS REQ=D ABOVE (UNLESS NOTED HERE)
SIGNED :		TITLE :	TELEPHONE NO. AND EXTENSION :	CASH DISCOUNT: PAYMENT TERMS:
PRINTED :				% DAYS NET 45

**Quinebaug Hatchery
Central Village, Connecticut
Specification for Well Redevelopment**

1. Intent

The Department of Environmental Protection of the State of Connecticut (DEP) is soliciting bids from qualified Contractors for providing labor, materials, and use of equipment for the redevelopment of wells 1, 3, 7, 8 and 10 at the Quinebaug Hatchery in Central Village, Connecticut. Contractors bidding on this work shall provide to the DEP a list of five projects completed within the last 12 months involving the redevelopment of wells of at least 400-gpm capacity. The Contractor shall also provide a list of five projects involving the removal and reinstallation of turbine pumps of at least 400-gpm capacity within the last 12 months. The lists shall include the client name, client contact person, phone numbers, and job name. In addition, the Bidding Contractors shall provide a copy of a current State of Connecticut W-1 or W-3 Well Driller License.

All work shall be done to the satisfaction and in accordance with the schedule of the Hatchery Supervisor. The Contractor shall not be allowed to have more than one well out of service at a time without the express approval of the Hatchery Supervisor.

2. Equipment to be Used

The redevelopment work shall be accomplished using a cable tool rig operating hollow surge blocks block in conjunction with air lift pumping equipment. The air lift eductor pipe shall be at least 4 inches in diameter and the compressor shall be at least 75 cfm capacity. Redevelopment equipment other than cable tool rig shall be used only with the approval of the Hatchery Supervisor.

3. Sequence of Operations

At each well, the Contractor shall set up his equipment, remove the turbine pump, install the redevelopment equipment, redevelop the well for 48 hours, remove the redevelopment equipment, and reinstall the cleaned and/or repaired turbine pump, adjust and test the turbine pump, and demobilize his equipment from the well site. More specific requirements are as follows:

a. Set up, pump removal, pump inspection, pump repair

The Contractor shall furnish and deliver the cable tool rig to the well site and shall set it up over the well. The Contractor shall disconnect the electric motor from the power supply, taking care to observe appropriate Lock Out/Tag Out procedures and using his own lock for the Lock Out of the electrical apparatus.

The Contractor shall remove the pump from the well, taking care to avoid damage to the pump, motor, piping, electrical apparatus, and well house.

The vertical hollowshaft motor shall be left in the pumphouse unless motor maintenance is specifically requested by the Hatchery Supervisor. If motor maintenance is requested, the Contractor shall provide a written cost estimate for the motor maintenance to the Hatchery Supervisor before starting the motor maintenance.

The turbine pump column pipe, bowl assembly, shaft, and any suction pipe shall not be laid directly on the ground. These pump components shall be thoroughly cleaned with a high-pressure washer or other means, allowed to dry, and painted with an apexior type coal tar epoxy. It will not be necessary to paint any stainless steel shaft.

The Contractor shall carefully inspect the turbine pump and shall advise the Hatchery Supervisor of any repairs recommended. If repairs are needed, the Contractor shall provide a written cost estimate to the Hatchery Supervisor before such repairs are undertaken.

The Contractor shall thoroughly clean the pump discharge head and he shall measure the running clearance exceeds .013 inch, the Contractor shall replace the stuffing box bushing. Whether or not the bushing is replaced, all old stuffing box packing shall be removed and replaced with new packing before the pump is reinstalled. The discharge head shall be painted with a rust-inhibiting paint, in the same color as it had been.

b. Redevelopment

The Contractor shall install multiple surge blocks in the well, one at the bottom of the well and the other at the top of the screen or in the casing just above the top of the screen. The surge blocks shall fit snugly in the well screen or casing.

The air lift pumping system shall be set up so that all water produced by the air lift can be conveyed to a portable tank set up by the Contractor. The tank shall be of 1000 gallon capacity or larger. The Contractor shall neutralize any and all redevelopment chemicals in the portable tank before the solution is discharged to the ground.

The Contractor shall periodically (at least daily) determine the specific capacity of the well using the air lift pumping equipment. To do this, the Contractor shall pump the well with the air lift at a rate of at least 75 gpm, and he shall measure the drawdown in the well. Records of specific capacity of the well shall be available in the field for inspection by the Hatchery Supervisor.

The first test of the specific capacity of the well shall be completed before any chemicals are introduced into the well. The Contractor shall then operate his air lift and surge equipment to remove accumulated debris, rust, sand, etc, from the bottom of the well.

c. Chemical Treatments

It is anticipated that one treatment each of three separate chemicals shall be needed at each well. The order and sequence of treatments is left to the discretion of the Contractor. Surging without chemical treatment shall also be required. The total amount of time for surging, air lift pumping, and chemical treatments is anticipated to be 48 hours per well. Chemical treatments shall be as follows:

- i. The Contractor shall introduce 45 gallons of muriatic acid to the well, carefully surging it into the aquifer and allowing it to set in the well for at least overnight. On the following work day, the Contractor shall surge the well for at least four hours while the acid solution is still in the well. The acid solution shall then be pumped out of the well with the air lift, and the solution shall be neutralized in the portable tank before being pumped to the ground. Upon neutralization of the acid solution, the Contractor shall determine the specific capacity of the well.

ii. The Contractor shall introduce a solution of 50 pounds of hexametaphosphate and 2 pounds of calcium hypochlorite mixed in 100 gallons of water. This shall be surged into the aquifer and then allowed to set for at least overnight. On the following work day, the Contractor shall surge the well for at least four hours while the hexametaphosphate solution is in the well. The solution shall be pumped out of the well and the Contractor shall determine the specific capacity of the well.

iii. The Contractor shall introduce a solution of 4 pounds of calcium hypochlorite dissolved in 50 gallons of water, which shall be surged into the aquifer and then allowed to set at least overnight. On the following work day, the Contractor shall surge the well for at least four hours while the hypochlorite solution is in the well. The hypochlorite solution shall be pumped out of the well and neutralized in the portable tank before being pumped to the ground. Upon neutralization of the calcium hypochlorite solution, the Contractor shall determine the specific capacity of the well.

iv. Additional surging without chemical treatment shall also be required. Note that even when chemicals are not used, the Contractor shall provide tests of the specific capacity of the well on a daily basis. The Contractor shall note the presence of unusual amounts of sand, gravel or other materials produced by the redevelopment. If the well produces excessive amounts of sand or gravel, the Contractor shall recover samples of the material and shall immediately notify the Hatchery Supervisor and modify his redevelopment procedures to minimize the material produced.

The Contractor shall provide a graph of the specific capacity of the well as measured each day during the redevelopment process. (This graph will have specific capacity on the Y-axis, and the cumulative hours of redevelopment on the X-axis.) In addition, the Contractor shall provide notes showing the sequence of chemicals used, hours of surging, specific capacity measurements, and dates worked.

d. Pump Reinstallation

The Contractor shall carefully reinstall the turbine pump after cleaning, painting and following completion of any authorized repairs. The Contractor shall reconnect the motor to the starter and shall remove the Lock Out/Tag Out. Suitable means shall be provided to measure the water level in the well under pumping conditions.

The Contractor shall adjust the impellers of the pump properly and shall pump the well to waste at or near the optimum flow rate for a period of not less than an hour. As part of the pump test, the Contractor shall measure and record flow rate, static water level, the pumping level, the discharge pressure, and the amperage draw. The Contractor shall calculate the total discharge head of the pump at the flow rate and shall compare the calculated total discharge head with the total discharge head of the pump when it was new, as determined by the original pump curve (if available).

The Contractor shall also measure and record the pump vibration at sixteen locations on the motor and the discharge head under operating conditions. The vibration measurements shall be made in the horizontal plane, shall be in units of velocity or mils. Readings shall be required at the upper motor bearing, the lower motor bearing, the top of the discharge head, the bottom of the discharge head, and shall be made on all four sides of the pump (on the north, south, east, and west sides of the pump.) The Contractor shall compare the measurements recorded with industry standards.

Before allowing the water from the well to be reintroduced to the hatchery water

supply, the Contractor shall assist the Hatchery Supervisor in determining that the water from the well does not contain any residue from the chemical treatments that would harm fish from the hatchery.

4. Record of Work

Upon completion of the work, the Contractor shall provide the Hatchery Supervisor complete records of the work completed at each well. This shall consist of the daily record of specific capacity during the redevelopment, the graph of the specific capacity of the well, the record of vibration after pump installation, the final pump test data, and the record of pump repair and pump component replacement. There is not a specific separate payment item for record keeping and submitting the records, and costs thereof are to be incorporated into the other work.

5. Schedule

The Contractor may not start the work covered by this specification until June 1, 2006, and he must be finished by October 20, 2006. The Contractor is advised that the Quinebaug Hatchery is dependent on the water produced by these wells, and that deviation from this schedule are not negotiable.

Quinebaug Valley Hatchery
Rehabilitation of Wells 1, 3, 7, 8, & 10
New Turbine Pump Parts – Wells 1, 3, & 7

A well drilling contractor shall clean and redevelop wells No. 1, 3, 7, 8, & 10 at the Quinebaug Valley Hatchery per the attached bid sheet. In addition, the following work shall be done for the lineshaft turbine well pumps on wells No. 1, No. 3, and No. 7.

The hollowshaft electric motors shall be removed and hauled to a motor repair shop where they will be cleaned and tested for soundness of the insulation. A report will be submitted to the Quinebaug Valley Hatchery indicating the micro amperage leakage and the megohm resistance to ground for each motor. A new top thrust bearing and lower roller bearing shall be installed in each motor. The motors shall be individually tested for vibration in mils and this data shall be submitted to the Quinebaug Valley Hatchery.

The turbine pumps in wells No. 1, No. 3, and No. 7 shall have all new turbine pump parts installed in the well below pump base.

Each of the turbine bowl assemblies for wells No. 1, No. 3, and No. 7 shall be tested at the factory to meet the conditions of pressure, gpm, and horsepower. A non-witness pump performance test shall be submitted to the Quinebaug Hatchery for approval before the pumps are shipped. The pumps shall not be shipped until approval has been given from a representative of the Quinebaug Valley Hatchery.

Each of the three turbine pumps above (No. 1, No. 3, & No. 7) shall be reinstalled with a new bronze stuffing box bushing, a new stainless steel stuffing box shaft, and a new adjustment column nipple below the base. Each turbine pump shall have all new stainless steel shafts, water lube bearings, a new bowl assembly, and a five foot long tail pipe with a whirlpool prevention plate welded in the bottom of it.

All new electrodes and electrode wires shall be installed in wells No. 1, No. 3, and No. 7. New depth gauge lines shall be installed in the wells and their lengths shall be recorded.

Each motor shall include any necessary shaft adapters, motor adapters, and shaft jump couplings necessary to install on the existing pump discharge heads. The three well pumps shall include the following:

Turbine Pump for Well No. 1

- 45 feet of 6-inch diameter column pipe
- 45 feet of 1-inch diameter stainless steel shaft
- 10-inch diameter bowl assembly with open adjustable impellers
- Non-witness factory pump performance test for 400 gpm at 139 total discharge head and 173 feet shutoff head
- The turbine pump will not overload a 20 HP motor at any point on the non-witness factory pump performance test
- 5 feet of 6-inch suction pipe with a whirlpool breaker

Turbine Pump for Well No. 3

- 40 feet of 8-inch diameter column pipe
- 40 feet of 1-inch diameter stainless steel shaft
- 12-inch diameter bowl assembly with open adjustable impellers
- Non-witness factory pump performance test for 1000 gpm at 154 total discharge head and 214 feet shutoff head
- The turbine pump will not overload a 50 HP motor at any point on the no-witness factory pump performance test
- 5 feet of 8-inch suction pipe with a whirlpool breaker

Turbine Pump for Well No. 7

- 35 feet of 6-inch diameter column pipe
- 35 feet of 1-inch diameter stainless steel shaft
- 10-inch diameter bowl assembly with open adjustable impellers
- No-witness factory pump performance test for 400 gpm at 203 total discharge head and 249 feet shutoff head
- The turbine pump will not overload a 30 HP motor at any point on the non-witness factory pump performance test
- 5 feet of 6-inch suction pipe with a whirlpool breaker

The Contractor shall collect vibration levels at 12 points on each of the three new turbine pumps after they are installed. The vibration levels must be within the industry standards. The vibration level data, performance data, and amperage readings, shall be submitted to the Quinebaug Valley Hatchery at the completion of the project.

**Quinebaug Valley Hatchery
Rehabilitation of Wells 1, 3, 7, 8, & 10**

<i>Item</i>	<i>Description</i>	<i>Quantity</i>	<i>Unit Cost</i>	<i>Total Cost</i>
1.	Mobilize equipment on site.	5	_____	_____
2.	Set up drilling rig over site.	5	_____	_____
3.	Remove pumping equipment.	5	_____	_____
4.	Clean, inspect and paint pumps.	5	_____	_____
5.	Dead surge well for one hour.	5	_____	_____
6.	Chemically treat well with acid and leave overnight.	5	_____	_____
7.	Pump and surge well to waste for at least seven (7) hours.	5	_____	_____
8.	Chemically treat well with sodium hypochlorite, hexametaphosphate and a wetting agent.	5	_____	_____
9.	Pump and surge to waste until no further improvement in capacity can be achieved. Minimum 40 hours per well.	5	_____	_____
10.	Sterilize pump and piping, reinstall in well, readjust pump to as near maximum rated capacity as possible, sterilize well with chlorine, test pump to waste and provide a new capacity curve.	5	_____	_____
11.	Furnish and install new motor bearings, submit motor data.	5	_____	_____
12.	Furnish turbine Pump No. 1 & factory test per spec.	5	_____	_____
13.	Furnish turbine Pump No. 3 & factory test per spec.	5	_____	_____
14.	Furnish turbine Pump No. 7 & factory test per spec.	5	_____	_____
15.	Demobilize & repeat process for each well.	5	_____	_____
Total				\$ _____

CHAPTER 482*

WELL DRILLING

*See Sec. 19a-39 re protection of wells.

See Sec. 21a-9 for definition of "certificate", "license", and "registration".

Table of Contents

Sec. 25-126. Definitions.

Sec. 25-127. Connecticut Well Drilling Board.

Sec. 25-128. Duties of board. Well Drilling Code.

Sec. 25-129. Certificate of registration. Insurance requirement. Limited contractor and limited journeyperson well casing extension certificates of registration. Regulations.

Sec. 25-130. Permit to drill.

Sec. 25-131. Well records. Drilling, excavating and pumping activities affecting underground water resources.

Sec. 25-132. Wells for farming purposes.

Sec. 25-133. Exemption.

Sec. 25-134. Exclusion.

Sec. 25-135. Penalty.

Sec. 25-136. Disposition of fees.

Sec. 25-137. Powers of Department of Public Health and health directors unaffected.

Sec. 25-126. Definitions. For the purposes of this chapter:

(1) "Well" means an artificial excavation or opening in the ground, by which groundwater can be obtained or through which it flows under natural pressure or is artificially withdrawn;

(2) "Abandoned well" means a well whose use has been permanently discontinued;

(3) "Groundwater" means subsurface water;

(4) "Well drilling" means and includes the industry, procedure and all operations engaged in by any person, full time or part time, for compensation or otherwise, to obtain water from a well or wells by drilling, or other methods, for any purpose or use;

(5) "Well driller" means a person who engages in well drilling;

(6) "Person" includes an individual, partnership, corporation, limited liability company, association or organization, or any combination thereof;

(7) "Board" means the examining board for plumbing and piping work;

(8) "Water-supply well" means a well constructed for the purpose of obtaining or providing water for drinking or other domestic, industrial, commercial, agricultural or recreational use;

(9) "Non-water-supply well" means any well other than a water-supply well.

(1969, P.A. 659, S. 1; June Sp. Sess. P.A. 91-12, S. 30, 55; P.A. 95-79, S. 104, 189; P.A. 96-17, S. 1.)

History: June Sp. Sess. P.A. 91-12 in Subdiv. (7) changed Connecticut well drilling board to examining board for plumbing and piping work; P.A. 95-79 redefined "person" to include a limited liability company, effective May 31, 1995; P.A. 96-17 added definitions of "water-supply well" and "non-water-supply well".

[\(Return to
Chapter Table of
Contents\)](#)

[\(Return to
List of
Chapters\)](#)

[\(Return to
List of
Titles\)](#)

Sec. 25-127. Connecticut Well Drilling Board. Section 25-127 is repealed.

(1969, P.A. 659, S. 2; 1971, P.A. 872, S. 139; P.A. 77-614, S. 179, 323, 610; P.A. 80-184; Nov. Sp. Sess. P.A. 81-11, S. 14, 19; P.A. 82-431, S. 1, 6; June Sp. Sess. P.A. 91-12, S. 54, 55.)

[\(Return to
Chapter Table of
Contents\)](#)

[\(Return to
List of
Chapters\)](#)

[\(Return to
List of
Titles\)](#)

Sec. 25-128. Duties of board. Well Drilling Code. (a) For the purpose of safeguarding the public health, the board shall promote and encourage cooperation among well drillers and governmental agencies in the development and protection of records of underground water formations and resources. The board shall prepare and print such bulletins as may be necessary for the benefit of the industry and furnish copies to the industry and to the public upon request.

(b) (1) The Commissioner of Consumer Protection, with the advice and assistance of the board, shall promulgate, in accordance with chapter 54, regulations for the well drilling industry in cooperation with the Department of Public Health and the Department of Environmental Protection, with due regard for the preservation of public health, the preservation, allocation and management of the groundwater of the state, the protection of the consuming public and the maintenance of geological and other scientific data. Said regulations, together with the regulatory provisions of this chapter and the section of the Public Health Code relating to wells, shall be collectively known as the Connecticut Well Drilling Code. From time to time the Commissioner of Consumer Protection, with the advice and assistance of the board, shall similarly adopt such amendments or additions to such regulations as are necessary and proper governing the construction, repair and abandonment of wells. (2) Said Well Drilling Code shall be enforced and violations thereof shall be punished in the same manner as is provided for the Public Health Code of the state by sections 19a-36 and 19a-207.

(1969, P.A. 659, S. 3; 1971, P.A. 872, S. 140; P.A. 75-567, S. 16, 80; P.A. 77-614, S. 180, 323, 610; P.A. 93-381, S. 9, 39; P.A. 95-257, S. 12, 21, 58; P.A. 96-17, S. 2; June 30 Sp. Sess. P.A. 03-6, S. 146(c); P.A. 04-189, S. 1.)

History: 1971 act replaced water resources commission with department of environmental protection; P.A. 75-567 substituted chapter "54" for chapter "48" in Subsec. (b); P.A. 77-614 transferred board's regulatory power to commissioner of consumer protection, retaining board in an advisory capacity, and substituted department of health services for department of health, effective January 1, 1979; P.A. 93-381 replaced department of health services with department of public health and addiction services, effective July 1, 1993; P.A. 95-257 replaced Commissioner and Department of Public Health and Addiction Services with Commissioner and Department of Public Health, effective July 1, 1995; P.A. 96-17 amended Subsec. (b) to change reference to "water wells" to simply "wells"; June 30 Sp. Sess. P.A. 03-6 replaced Commissioner of Consumer Protection with Commissioner of Agriculture and Consumer Protection, effective July 1, 2004; P.A. 04-189 repealed Sec. 146 of June 30 Sp. Sess. P.A. 03-6, thereby reversing the merger of the Departments of Agriculture and Consumer Protection, effective June 1, 2004.

[\(Return to
Chapter Table of
Contents\)](#)

[\(Return to
List of
Chapters\)](#)

[\(Return to
List of
Titles\)](#)

Sec. 25-129. Certificate of registration. Insurance requirement. Limited contractor and limited journey person well casing extension certificates of registration. Regulations. (a) The Commissioner of Consumer Protection, with the advice and assistance of the board, shall establish the requirements of registration for well drilling contractors. Each person, before engaging in the business of well drilling or pump installing, shall obtain annually from the Department of Consumer Protection a certificate of registration as a well drilling contractor, using an application blank prepared by said department. Each application for issuance or renewal of a certificate of registration shall be accompanied by a certificate of liability coverage for bodily injury of at least one hundred thousand dollars per person with an aggregate of at least three hundred thousand dollars and for property damage of at least fifty thousand dollars per accident with an aggregate of at least one hundred thousand dollars. The applicant shall pay a registration fee of forty-four dollars with his application and an annual renewal registration fee of one hundred twenty-five dollars for renewals on and after April 1, 1984. A certificate of registration is not transferable and expires annually. A lost, destroyed or mutilated registration certificate may be replaced by a duplicate upon payment of a lost fee of three dollars. One seal shall be issued to each registrant as provided in subsection (b). Additional seals may be obtained at a fee of three dollars each.

(b) A well drilling contractor shall place in a conspicuous location on both sides of his well drilling machine his registration number in letters not less than two inches high. A seal furnished by said department designating the year the certificate of registration was issued or renewed and the words "Connecticut registered well drilling contractor" shall be affixed directly adjacent to the registration number.

(c) A governmental unit engaged in water-supply well drilling shall be registered under this chapter, but shall be exempt from paying the registration fees. A governmental unit engaged in non-water-supply well drilling shall be exempt from the requirements for registration under this chapter if the drilling is done by regular employees of, and with equipment owned by, the unit and the work is on non-water-supply wells intended for use by the governmental unit.

(d) This chapter shall not restrict a plumber or electrician from engaging in the trade for which he has been licensed.

(e) (1) A certificate of registration may be refused, or a certificate of registration duly issued may be suspended or revoked, or the renewal thereof refused by the board if said board has good and sufficient reason to believe or finds that the applicant for or the holder of such a certificate has: (A) Made a material misstatement in the application for a registration of any application for renewal thereof; or (B) obtained the registration through wilful fraud or misrepresentation; or (C) demonstrated gross incompetency to act as a well driller; or (D) been guilty of failure to comply with the provisions of this chapter or the State Well Drilling Code, as from time to time amended; or (E) refused to file reports of wells drilled as required by subsection (a) of section 25-131; or (F) been found guilty by the board, the Commissioner of Public Health or by a court of competent jurisdiction, of any fraud, deceit, gross negligence, incompetency or misconduct in the industry, operations or business of well drilling.

(2) Before any certificate of registration shall be refused, suspended or revoked, or the renewal thereof refused, the board shall give notice of the intended action and afford opportunity for hearing in accordance with regulations adopted pursuant to this chapter.

(3) Appeal from the decisions of the board may be taken in accordance with the provisions of section 4-183.

(4) After one year from the date of refusal or revocation of a registration, application to register may be made again by the person affected.

(f) The department shall prepare a roster of all registered well drillers and distribute it annually to the local director of health or his agent and the building inspector, if there is one, of each town.

(g) The Commissioner of Consumer Protection, with the advice and assistance of the board, shall adopt regulations, in accordance with the provisions of chapter 54, to establish certificates of registration for limited contractor and limited journeyman well casing extension. Such certificates of registration shall permit persons licensed to perform plumbing and piping work pursuant to chapter 393 to perform well casing extension, repair and maintenance work. Upon initial application, an applicant shall demonstrate knowledge of well casing extension, repair and maintenance work by passing an examination subject to the provisions of section 20-333. The applicant shall pay a registration fee of twenty-five dollars upon initial application and an annual renewal registration fee of twenty-five dollars. A certificate of registration under this subsection is nontransferable and expires annually.

(1969, P.A. 659, S. 4; P.A. 76-436, S. 600, 681; P.A. 77-603, S. 110, 125; 77-614, S. 181, 182, 323, 610; P.A. 80-205, S. 4, 6; P.A. 81-361, S. 38, 39; P.A. 82-431, S. 2, 6; 82-472, S. 99, 183; P.A. 83-574, S. 18, 20; P.A. 89-251, S. 159, 203; P.A. 93-381, S. 9, 39; P.A. 94-36, S. 37, 42; May 25 Sp. Sess. P.A. 94-1, S. 27, 130; P.A. 95-257, S. 12, 21, 58; P.A. 96-17, S. 3; P.A. 03-68, S. 1; June 30 Sp. Sess. P.A. 03-6, S. 146(c), (d), (h); P.A. 04-169, S. 17; 04-189, S. 1.)

History: P.A. 76-436 replaced court of common pleas with superior court and added reference to judicial districts, effective July 1, 1978; P.A. 77-603 replaced previous appeal provisions with requirement that appeals be made in accordance with Sec. 4-183; P.A. 77-614 transferred responsibility for establishing registration requirements from board to consumer protection commissioner, retaining board in advisory capacity, deleted detailed hearing procedure in Subsec. (e), requiring instead that notice be given of intended action and that opportunity for hearing be given in accordance with regulations established by commissioner, replaced previous appeal provision with requirement that appeals be made in accordance with Sec. 4-183 and replaced commissioner of health with commissioner of health services, effective January 1, 1979; P.A. 80-205 deleted August first as deadline for distribution of roster and deleted requirement that roster be distributed to town clerk in Subsec. (f); P.A. 81-361 amended Subsecs. (a) and (b) to provide that registration certificates are obtained from the department instead of the board, that application blanks are to be prepared by the department and that the department, not the board, furnishes seals for certificates; P.A. 82-431 eliminated regulations relating to proficiency and financial resources required for registration, imposed certificate of insurance requirement, increased renewal fee from twenty-five to one hundred dollars, provided for renewal in holder's birth month commencing January 1, 1983 and transferred duty to prepare roster from the board to the department; P.A. 82-472 made a technical correction in Subsec. (a); P.A. 83-574 amended section to provide for twenty-five-dollar renewal fee for renewals prior to April 1, 1984, and one-hundred-dollar fee on and after that date, effective July 8, 1983, and applicable to registration renewed on or after January 1, 1983; P.A. 89-251 amended Subsec. (a) to increase the registration fee from thirty-five dollars to forty-four dollars, to increase the renewal fee from one hundred dollars to one hundred twenty-five dollars, to increase the late fee from ten dollars to thirteen dollars, to increase the replacement fee from two dollars to three dollars and to increase the fee for additional seals from two dollars to three dollars; P.A. 93-381 replaced commissioner of health services with commissioner of public health and addiction services, effective July 1, 1993; P.A. 94-36 deleted the reference to the "April thirtieth" certificate of registration expiration date and the provision allowing late renewal of certificate of registration fees in Subsec. (a), effective January 1, 1995; May 25 Sp. Sess. P.A. 94-1 amended Subsec. (a) by making technical change, effective July 1, 1994; P.A. 95-257 replaced Commissioner and Department of Public Health and Addiction Services with Commissioner and Department of Public Health, effective July 1, 1995; P.A. 96-17 amended Subsec. (b) to change "Connecticut registered water well drilling contractor" to "Connecticut registered well drilling contractor" and amended Subsec. (c) to replace reference to "municipal unit" with "governmental unit" and to exempt non-water-supply well drilling by such units from the requirements of this chapter; P.A. 03-68 added new Subsec. (g) re certificates of registration for limited contractor and limited journeyman well casing extension, effective July 1, 2003; June 30 Sp. Sess. P.A. 03-6 and P.A. 04-169

replaced Commissioner and Department of Consumer Protection with Commissioner and Department of Agriculture and Consumer Protection, effective July 1, 2004; P.A. 04-189 repealed Sec. 146 of June 30 Sp. Sess. P.A. 03-6, thereby reversing the merger of the Departments of Agriculture and Consumer Protection, effective June 1, 2004.

See Sec. 21a-4(c) re fines for late registration renewals.

See Sec. 21a-10(b) re staggered schedule for registration renewals.

[\(Return to
Chapter Table of
Contents\)](#)

[\(Return to
List of
Chapters\)](#)

[\(Return to
List of
Titles\)](#)

Sec. 25-130. Permit to drill. Before commencing work on any water-supply well, the registered well driller shall apply to the board for a permit to drill such well. A fee of five dollars shall accompany such application. If the water-supply well conforms to the Well Drilling Code, as from time to time amended, the board shall issue such permit which shall contain the name and address of the well driller, the date of issuance and the specific location of the well. The driller shall then submit the permit with a fee to be determined by the legislative body of a town, city or borough or the board of a district department of health, as the case may be, to the local director of health or his agent who shall sign such permit if said proposed water-supply well conforms to the Public Health Code. No water-supply well shall be drilled until such a permit is issued and countersigned and until the driller has informed his client, in writing, that well drilling is subject to regulation by the Department of Consumer Protection and that complaints may be directed to that department.

(1969, P.A. 659, S. 5; P.A. 82-431, S. 3, 6; P.A. 83-207; P.A. 89-251, S. 160, 203; P.A. 96-17, S. 4; June 30 Sp. Sess. P.A. 03-6, S. 146(d); P.A. 04-169, S. 17; 04-189, S. 1.)

History: P.A. 82-431 required permit to show "specific" rather than "approximate" location of well and well driller to inform client, in writing, that complaints may be made to the department; P.A. 83-207 provided that the permit fee, formerly one dollar, should be set by the local authority; P.A. 89-251 increased the application fee from four dollars to five dollars; P.A. 96-17 changed references to "wells" to "water-supply wells"; June 30 Sp. Sess. P.A. 03-6 and P.A. 04-169 replaced Department of Consumer Protection with Department of Agriculture and Consumer Protection, effective July 1, 2004; P.A. 04-189 repealed Sec. 146 of June 30 Sp. Sess. P.A. 03-6, thereby reversing the merger of the Departments of Agriculture and Consumer Protection, effective June 1, 2004.

[\(Return to
Chapter Table of
Contents\)](#)

[\(Return to
List of
Chapters\)](#)

[\(Return to
List of
Titles\)](#)

Sec. 25-131. Well records. Drilling, excavating and pumping activities affecting underground water resources. (a) Within sixty days, or other period established by the board, after the completion of a water-supply well, a well drilling contractor shall provide the owner, the board and the Department of Environmental Protection with a copy of a record indicating the well owner's name and address, location of the well, well depth, geologic materials and thickness of materials penetrated, amount of casing, static water levels and any other information which may be required by the regulations adopted under this chapter. Standard forms for the record shall be provided by the board. A record for a drive point well where no earth materials are removed from the well bore shall be sufficient if the owner's name, well location, depth, casing, static water level and screen data are indicated. Such records shall bear the signed statement of the local director of health that he has approved such well.

(b) Drilling, excavating and pumping associated with the oil, gas or brine well industries and the construction, quarrying and mining industries and the disposal of any materials shall be subject to this chapter only insofar as they relate to the pollution and depletion of underground water resources.

(c) Within sixty days, or other period established by the board, after completion of a non-water-supply well, a well drilling contractor shall provide the owner, the board, the Commissioner of Environmental Protection and the local director of health or his agent with a copy of a record indicating the well owner's name and address, well depth, geologic materials and thickness of materials penetrated, amount and type of casing, static water levels, a site map indicating the location of the well and any other information which may be required by the regulations adopted under section 25-128.

(d) The abandonment of non-water-supply wells shall be conducted in accordance with the regulations adopted under section 25-128 regarding abandonment of wells.

(1969, P.A. 659, S. 6; 1971, P.A. 872, S. 141; P.A. 96-17, S. 5.)

History: 1971 act replaced water resources commission with department of environmental protection in Subsec. (a); P.A. 96-17 amended Subsec. (a) to apply previously existing provisions to water-supply wells and added new Subsecs. (c) and (d) re records for non-water-supply wells and abandonment of non-water-supply wells, respectively.

[\(Return to
Chapter Table of
Contents\)](#)

[\(Return to
List of
Chapters\)](#)

[\(Return to
List of
Titles\)](#)

Sec. 25-132. Wells for farming purposes. Nothing in this chapter shall prevent a person from constructing a well on his own or leased property intended for use only for farming purposes on his farm, and where the waters to be produced are not intended for use by the public or in any residence other than his own. Such person shall submit the drilling record required by subsection (a) of section 25-131 and comply with any regulation or construction code adopted under this chapter.

(1969, P.A. 659, S. 7.)

[\(Return to
Chapter Table of
Contents\)](#)

[\(Return to
List of
Chapters\)](#)

[\(Return to
List of
Titles\)](#)

Sec. 25-133. Exemption. Where the board finds that compliance with all requirements of this chapter or regulations adopted pursuant thereto would result in undue hardship, an exemption from any one or more of such requirements may be granted by the board, subject to the approval of the Commissioner of Consumer Protection, to the extent necessary to ameliorate such undue hardship and to the extent such exemption can be granted without impairing the intent and purpose of this chapter.

(1969, P.A. 659, S. 8; P.A. 77-614, S. 183, 610; June 30 Sp. Sess. P.A. 03-6, S. 146(c); P.A. 04-189, S. 1.)

History: P.A. 77-614 made granting of exemption subject to consumer protection commissioner's approval, effective January 1, 1979; June 30 Sp. Sess. P.A. 03-6 replaced Commissioner of Consumer Protection with Commissioner of Agriculture and Consumer Protection, effective July 1, 2004; P.A. 04-189 repealed Sec. 146 of June 30 Sp. Sess. P.A. 03-6, thereby reversing the merger of the Departments of Agriculture and Consumer Protection, effective June 1, 2004.

[\(Return to
Chapter Table of
Contents\)](#)

[\(Return to
List of
Chapters\)](#)

[\(Return to
List of
Titles\)](#)

Sec. 25-134. Exclusion. No well in existence on July 1, 1969, shall be required to conform to the provisions of this chapter or any rules or regulations adopted pursuant thereto; provided any well now or hereafter abandoned shall be brought into compliance with the regulations adopted pursuant to this chapter if such well is intended again to be actually used for the supply of groundwater.

(1969, P.A. 659, S. 9.)

[\(Return to
Chapter Table of
Contents\)](#)

[\(Return to
List of
Chapters\)](#)

[\(Return to
List of
Titles\)](#)

Sec. 25-135. Penalty. Any person who engages in well drilling or offers to engage in well drilling, or advertises or holds himself out or acts temporarily or otherwise as a well driller, without first having obtained the required registration and any person who violates any provision of this chapter shall be prosecuted and punished as for a violation of the Public Health Code.

(1969, P.A. 659, S. 10.)

[\(Return to
Chapter Table of
Contents\)](#)

[\(Return to
List of
Chapters\)](#)

[\(Return to
List of
Titles\)](#)

Sec. 25-136. Disposition of fees. Fees received under this chapter shall be deposited with the State Treasurer to the credit of the General Fund.

(1969, P.A. 659, S. 11.)

[\(Return to
Chapter Table of
Contents\)](#)

[\(Return to
List of
Chapters\)](#)

[\(Return to
List of
Titles\)](#)

Sec. 25-137. Powers of Department of Public Health and health directors unaffected. Nothing in this chapter shall be construed to affect or limit the duties and powers of the Department of Public Health or local directors of health, as provided by law, in matters relating to the purity, potability and safeguarding of well waters or to derogate from the powers of the Commissioner of Public Health under section 19a-37.

(1969, P.A. 659, S. 12; P.A. 77-614, S. 323, 610; P.A. 78-303, S. 72, 136; P.A. 93-381, S. 9, 39; P.A. 95-257, S. 12, 21, 58.)

History: P.A. 77-614 replaced commissioner and department of health with commissioner and department of health services, effective January 1, 1979; P.A. 78-303 replaced public health council with commissioner of health services; P.A. 93-381 replaced department and commissioner of health services with department and commissioner of public health and addiction services, effective July 1, 1993; P.A. 95-257 replaced Commissioner and Department of Public Health and Addiction Services with Commissioner and Department of Public Health, effective July 1, 1995.

[\(Return to
Chapter Table of
Contents\)](#)

[\(Return to
List of
Chapters\)](#)

[\(Return to
List of
Titles\)](#)