

Harnett County Department of Public Health

PERMIT # EH 2112-0013

Operation Permit

- Relocation
- New Installation Septic Tank Nitrification Line Repair Expansion

PROPERTY LOCATION: 146 GEORGE PENNY LEE RD. (521841)

Name: (owner) DONALD GLENN HOBSON SUBDIVISION _____ LOT # _____

System Installer: LARRY JOHNSON

Basement with plumbing: Garage Number of Bedrooms 3

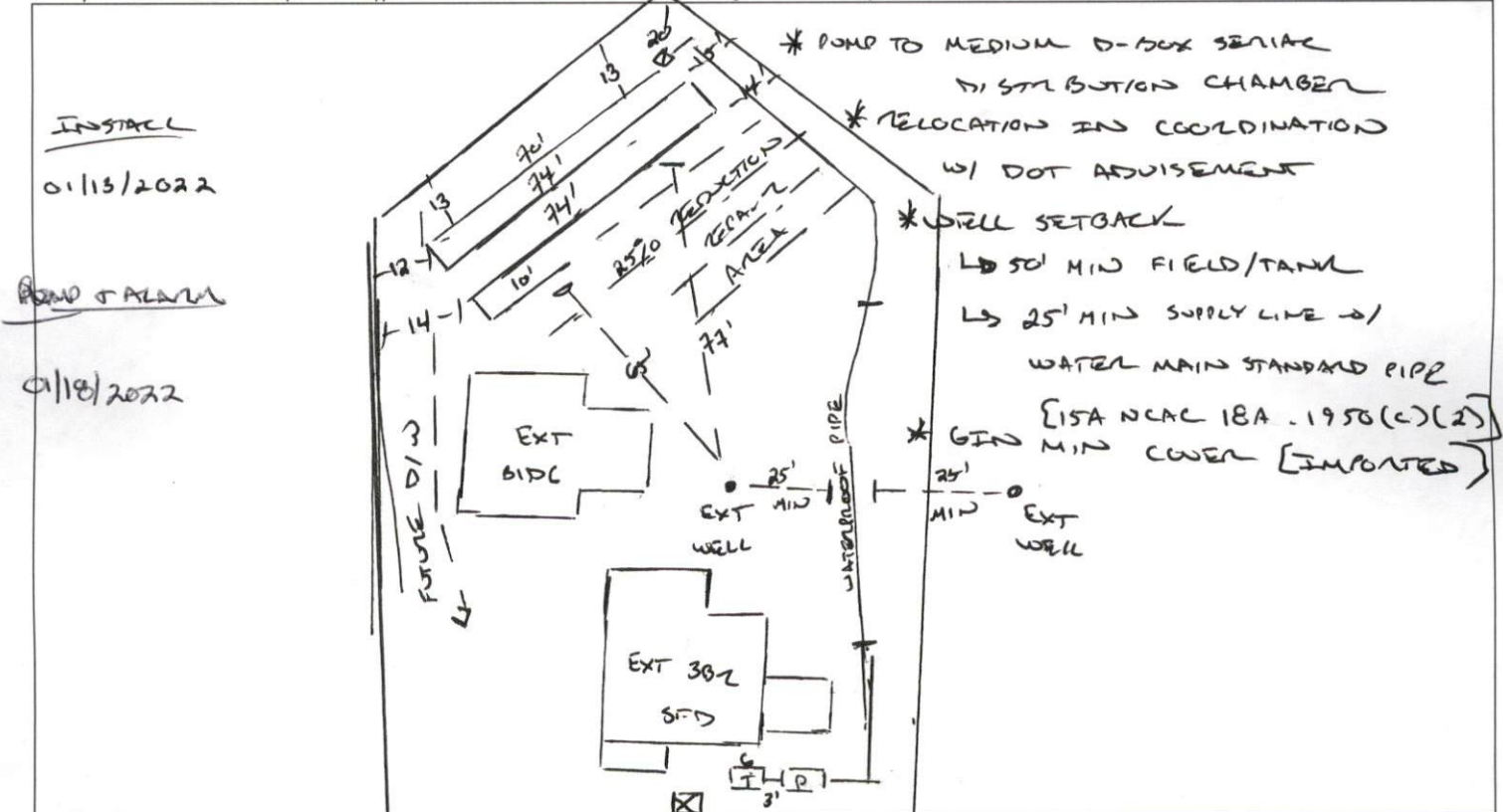
Type of Water Supply: Community Public Well Distance from well 50' + [DRAINFIELD] feet

System Type: 25% RELOCATION SYS. III B Types V and VI Systems expire in 5 years.

(In accordance with Table V a)

Owner must contact Health Department 6 months prior to expiration for permit renewal.

This system has been installed in compliance with applicable North Carolina General Statutes, Rules for Sewage Treatment and Disposal, and all conditions of the Improvement Permit and Construction Authorization.



PERMIT CONDITIONS:

- I. Performance: System shall perform in accordance with Rule .1961.
- II. Monitoring: As required by Rule .1961. PERMANENT UTILITY
- III. Maintenance: As required by Rule .1961. Other: ESMT + NEW ROW
Subsurface system operator required? Yes No
If yes, see attached sheet for additional operation conditions, maintenance and reporting.
- IV. Operation: GEORGE PENNY LEE RD (521841)
- V. Other: _____

D-Box Pump Alarm H2O Line PWR Line

Following are the specifications for the sewage disposal system on the above captioned property.

Type of system: Conventional Other CHAMBER III B Septic Tank: 1000 gallons Pump Tank: 1000 gallons
Subsurface No. of exact length width of depth of
Drainage Field ditches 1 of each ditch 228 feet ditches 3 feet ditches 14 inches
French Drain Required: _____ Linear feet

Authorized State Agent [Signature] Date 01/18/2022

ADS POTABLE WATER SERVICE TUBING (CTS) PIPE SPECIFICATIONS

Scope

This specification describes ADS Potable Water Service Tubing (CTS) pipe SDR 9 for use in potable water service applications.

Pipe Requirements

ADS potable water service tubing shall meet the requirements of ASTM D2737, AWWA C901 and NSF Standards 14 and 61. Pipe dimensions shall meet Copper Tubing Size (CTS) standards.

Material Properties

Tubing material shall be high-density polyethylene conforming to the minimum requirements of cell classification 445574E as defined and described in ASTM D3350. The resin shall have a material designation code of PE4710 by the Plastic Pipe Institute.

Disinfection/Maintenance

The active chlorine content of disinfecting solutions shall not exceed 12%. All disinfecting solution must be flushed from all lines within the system. Industry accepted procedures, like ANSI/AWWA C651 *Disinfecting Water Mains*, should be followed for both new and repaired potable water lines.

Installation

Installation is similar to other flexible tubing/pipe products. Methods including direct bury, plowing or pulling are applicable per local, state or federal guidelines for the application.

Tubing Properties

		3/4"	1"	1 1/4"	1 1/2"	2"
SDR 9	Outside Diameter, in (mm)	0.875 ±0.004 (22.2 ±0.10)	1.125 ±0.005 (28.6 ±0.13)	1.375 ±0.005 (34.9 ±0.13)	1.625 ±0.006 (41.3 ±0.15)	2.125 ±0.006 (54.0 ±0.51)
	Wall Thickness, in (mm)	0.097 +0.010 (2.5 +0.25)	0.125 +0.012 (3.2 +0.30)	0.153 +0.015 (3.9 +0.38)	0.181 +0.018 (4.6 +0.46)	0.236 +0.024 (6.0 +0.61)
	Pressure Rating @ 73°F, psi (kPa)	250 (1724)	250 (1724)	250 (1724)	250 (1724)	250 (1724)
	Weight, gm/ft (gm/m)	46 ±2 (151 ±7)	78 ±3 (256 ±10)	125 ±4 (410 ±13)	162 ±4 (531 ±13)	275 ±5 (902 ±16)