



Filing Receipt

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Control Number - 52445

Item Number - 63

**RESPONSE TO COMMISSION STAFF'S FIRST REQUEST FOR
INFORMATION TO HYDROTEX, LLC
QUESTION NO. STAFF 3-1**

Staff 3-1: Please provide a summary list of the water plant and distribution system infrastructure and costs paid for and installed to provide water service to the requested area that reconciles to the paid invoices provided.

RESPONSE: The current proposed connection count is 121 for HydroTex Water Plant. The proposed components for WP are listed below. The equivalent single-family connection count (ESFC) is calculated in accordance with TAC Chapter 290.45(b)(1)(D).

A. Water Well Capacity:

For 121 connections, the system must provide a water well having a total capacity of 0.6 gpm per connection in accordance with Chapter 290.45(b)(1)(D)(i). For WP, two water wells have been installed at the WP site. The description for the 2 water wells are as follows:

- 5 HP Submersible Pump (60 GPM) (230V Single Phase)
- 400'x 5" SDR 17 PVC Pressure Cemented Water Well
- 20'x 2 1/2" PVC Well Screen, Liner, and K Packer
- 5 HP Control Box
- 210'x 2" Galvanized Drop Pipe and #8-3 Pump Cable w/ airline
- 2" Flow meters w/ waterline and electrical to ground storage tank
- Wellhead Completion

For invoice reference Attachment B.

B. Storage Tank Capacity:

For 121 connections, the system must provide a total storage capacity of 200 gallons per connection, in accordance with Chapter 290.45(b)(1)(D)(ii). For WP, a 48,000 gallon ground storage tank has been installed at the WP. For invoice reference Attachment B.

C. Booster Pump Capacity:

For 121 connections, the system must provide two or more pumps having a total capacity of 2.0 gpm per connection, at each pump station or pressure plane, in accordance with Chapter 290.45(b)(1)(D)(iii). For WP, a Triplex 5HP booster pump skid (230V single phase) has been installed at the WP. For invoice reference Attachment B.

D. Pressure Maintenance:

For 50 to 250 connections, the system must provide a pressure tank capacity of 20 gallons per connection in accordance with Chapter 290.45(b)(1)(D)(iv). For WP, a 3,000 gallon pressure tank has been installed at WP. For invoice reference Attachment B.

E. Proposed Phosphate & Bleach Treatment:

The HydroTex Water Treatment Plant will be proposing a liquid bleach disinfection system. Two – Hypchlorinators (240V Single Phase) (17GPD) with 30 gallon reservoirs and enclosures have been installed at the WP. For invoice reference Attachment B.

F. Water Meters:

The cost of the water meters will be \$46,601.00 for the purchase of 121 UltraSonic meters and its components. HydroTex has not purchased the meters pending PUC approval of our Tariffs and sales of water services. All water meters will be purchased and installed per customer's Tap Fee of \$1,800.00, as stated in our Tariffs. The tap fee is the Utility's cost for material and labor for meter installation.

Also, in an effort to satisfy the Commission's request and demonstrate financial capability for the purchase of the meters, SVAG has secured a Line of Credit committed to HydroTex, LLC from First State Bank as demonstrated in Attachment C. Additionally, HydroTex also has an open account and credit line for the purchase of the meters from Coburn's Supply Company, Inc., see Attachment C.

G. Other Components:

The WP has installed:

- Air Compressor
- Triplex Booster Pump Control Cabinet
- Ductile Iron Booster Pump Manifold Assembly and Valves
- 4" Suction and Discharge to Pressure Tank
- All Associated Plumbing and Electrical within Water Plant
- Intruder Proof Fencing w/ Two 12' Double Swing Gates
- All Concrete Tank Foundations, Booster Pump
- All Weather Access Road (Crushed Concrete)

For invoice reference Attachment B.

H. Distribution System Summary List

The distribution system consists of:

- 2,000 ft of 8-inch PVC C900 Waterline
- 1,500 ft of 6-inch PVC C900 Waterline
- 500 ft of 4-inch PVC C900 Waterline
- 9 – Fire hydrants with required appurtenances
- 2 – 4-inch plug with 2-inch blow off valves
- Approximately 121 connections of water leads for residential use.

For distribution system invoice reference Attachment C.

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Sponsored by:TBD