

DENTON COUNTY FWSD #9 -

February 21 06 to March 13 06 Inv. # - 4 .67

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Elevated / Pressure Storage Volume (Gal)	(0.0 MG) Material	Type	Location
N/A			

Service Pumps (0.0 GPM or 0.0 MGD) Number	Horse Power	GPM	Location
N/A			

3. SYSTEM CAPACITIES

Direct Purchase Capacities

Required: (2.0 GPM X 1,370 Connections) = 2,740 GPM

Required Peak Hourly Demand: 70,833 GPH

Provided: 1,250 GPM = 75,000 GPH

94% Capacity

Ground / Total Storage Capacity
N/AElevated / Pressure Total Storage Capacity
N/AService Pumping Capacity
N/AService Pump Peaking Factor
N/A

ADDITIONAL ISSUES

The Denton County FWSD #9 has exceeded 85% of its maximum purchase/production capacity. A retail public utility that possesses a certificate of public convenience and necessity that has reached 85% of its capacity as compared to the most restrictive criteria of the commission's minimum capacity requirements in Chapter 290 TAC, must submit to the executive director a planning report that clearly explains how the retail public utility will provide the expected service demands to the remaining areas within the boundaries of its certificated area. A report is not required if the source of supply available to the utility service provider is reduced to below the 85% level due to a court or agency conservation order unless that order is expected to extend for more than 18 months from the date it is entered in which case a report shall be required. On the day of the investigation, a maximum daily demand of 1,700,000 gallons was noted on to have occurred on 07/01/2005. This amount factors to a peak hourly demand of 70,833 gallons per hour (gph). According to 30 TAC §290.45(f)(5), For systems which purchase water under direct pressure, the maximum hourly purchase authorized by the contract plus the actual service pump of the system must be at least 2.0 gallons per minute (gpm) per connection or provide at least 1,000 gpm and be able to meet peak hourly demands, whichever is less. Based on the current contracted purchase amount of 1.8 MGD or 75,000 gph the system has reached 94% of its maximum purchase/production capacity.

~~No Violations Associated to this Investigation~~

Additional Issues

Description

85% CAPACITY REQUIREMENT
ACR request includes an established equivalency ratio and meets 85% rule requirements in accordance with Chapter 291.93(3) relating to Adequacy of Water

Additional Comments

The Denton County FWSD #9 has exceeded 85% of its maximum purchase/production capacity. A retail public utility that possesses a certificate of public convenience and necessity that has reached 85% of its capacity as compared to the most



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Utility Service for systems that are retail public utilities?

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Signed [Signature]
Environmental Investigator

Date 3-23-06

Signed [Signature]
Supervisor

Date 3/29/06

Attachments: (in order of final report submittal)

- Enforcement Action Request (EAR)
- Letter to Facility (specify type): Complaint
- Investigation Report
- Sample Analysis Results
- Manifests
- NOR

- Maps, Plans, Sketches
- Photographs
- Correspondence from the facility
- Other (specify): water contracts (2)

