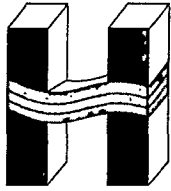


Control Number: 44816



Item Number: 44

Addendum StartPage: 0



HAYES ENGINEERING, INC.

Texas Registered Engineering Firm F-1465 www.hayesengineering.net
2126 ALPINE ST. LONGVIEW, TX 75601-3401
V 903.758.2010 F 903.758.2099

February 21, 2017

Public Utility Commission of Texas
Attention: Filing Clerk
William B. Travis Bldg.
1701 N. Congress Avenue
7th Floor
Austin, TX 78701-3326

RECEIVED
2017 FEB 23 AM 11:04
PUBLIC UTILITY COMMISSION
FILING CLERK

RE: Sharon W.S.C.
Application to Amend Water CCN (10476)
PWS ID# 2500020
Upshur County, Texas
Docket #44816 – Engineering Report

Dear Sirs:

Please accept this letter as a letter report detailing the existing and proposed capacities, water line sizes, etc. for the proposed CCN amendment project. The proposed CCN area will be served by the Sharon WSC Plant No. 6. The plant is currently serving customers with a 150,000 gallon elevated storage tank and two water wells with capacities of 235 and 250 gallons per minute respectively. The current plant serves approximately 375 customers.

The proposed improvements would add up to sixty (60) customers or a proposed customer connection count of 435. The existing plant has sufficient capacity to serve 750 customers without exceeding the TCEQ required capacities. See attached for a capacity summary of the existing and proposed conditions for Plant No. 6.

The proposed water mains will be sized according to customer demands, topography, and other design considerations. Generally the water main sizes will range from 2" to 6" and will be constructed with Class 200 PVC water pipe. All improvements will be designed and constructed to TCEQ rules and regulations. Water mains will be installed within TxDOT or County rights-of-ways and will be permitted with the appropriate governmental agency.

Should you require additional information, please do not hesitate to call.

Sincerely,

HAYES ENGINEERING, INC.


Kyle A. Stephens, P.E.
Project Manager



SHARON WATER SUPPLY CORPORATION

CAPACITY SUMMARY
SERVICE AREA #6
2017 AND PROPOSED CAPACITIES

Existing Number of Connections: 375
Number of Connections (After CCN Expansion): 435

PLANT #	EXISTING				After CCN Expansion					
	SUPPLY (GPM)	TOTAL STORAGE (GALS)	PUMPING (GPM)	PRESSURE TANK (GALS)	ELEVATED STORAGE (GALS)	SUPPLY (GPM)	TOTAL STORAGE (GALS)	PUMPING (GPM)	PRESSURE TANK (GALS)	ELEVATED STORAGE (GALS)
6	235 250	150,000	---	---	150,000	235 250	150,000	---	---	150,000
TOTALS	485	150,000	---	---	150,000	485	150,000	---	---	150,000
REQUIRED CAPACITY	225	75,000	N/A	---	75,000	261	87,000	N/A	---	87,000
SURPLUS	260	75,000	---	---	75,000	224	63,000	---	---	63,000
DEFICIENCY	---	---	---	---	---	---	---	---	---	---
EQUIVALENT CONNECTIONS	433	375	---	---	375	373	315	---	---	630

