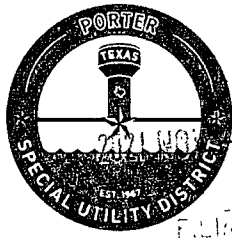




Control Number: 52299



Item Number: 1182



Porter Special Utility District

22162 Water Well Road

Porter, Texas 77365

Office: (281) 354-5922

Fax: (281) 354-5050

November 1, 2021

Public Utility Commission of Texas

Central Records

P.O. Box 13326

Austin, Texas 78711-3326

Re: Critical Load Status Qualification

To Whom It May Concern,

This letter serves to inform you that the Porter Special Utility District (PWS ID No. 1700068) is classified as an affected utility and qualifies for critical load status as defined by Texas Senate Bill 3, Texas Water Code Section 13.1396. The District has notified its electric provider of such status as well.

Sincerely,

Jonathon Smith

General Manager

CONTACT INFORMATION

Porter Special Utility District
22162 Water Well Road,
Porter, Texas 77365
(281) 354-5922
customerservice@portersud.com

Primary Point of Contact:
Chris Wright
Operations Manager
(281) 432-8091
cwright@portersud.com

Alternative Point of Contact:
Jonathon Smith
General Manager
(832) 250-3328
jsmith@portersud.com

1 - Water Well

24144 Water Well Rd

Porter, TX 77635

30.094849, -95.233835

This well draws ground water from the Evangeline Aquifer in Montgomery County at a rate of 445 gpm. Mixed gas chlorine is first injected, with blended phosphate injected afterwards. This water is transferred into the 6,700-gallon aeration tank. Two 250 gpm transfer pumps move the water through the two 3,000-gallon media filters. The filtered water travels into a 62,000 and 100,000-gallon ground storage tanks. Two 500 gpm booster pumps introduce the treated and filtered potable drinking water directly into the distribution system.

The media filters require backwashing. After the appropriate valve alignments, this is accomplished by drawing treated and filtered potable drinking water from the ground storage tanks. This is inversely pumped into the media filters. The backwashed water is directed into a 17,000-gallon backwash tank. This tank drains into local drainage.

This site has a 150 kW, Kato Lite, Natural Gas generator for emergency power. The natural gas is provided by public infrastructure.

3 - Sears

24043 Sears Rd

Porter, TX 77635

30.097887, -95.215887

This site has a 150,000-gallon elevated storage tank (EST 3). This elevated storage tank delivers pressure and volume to the distribution system.

4 – Ferne

18669 Ferne Rd

Porter, TX 77635

30.142255, -95.291731

This site has a 150,000-gallon elevated storage tank (EST 4). This elevated storage tank delivers pressure and volume to the distribution system.

5 – Briar Tree

23716 Briar Tree Dr

Porter, TX 77635

30.101390, -95.248997

This well draws ground water from the Evangeline Aquifer in Montgomery County at a rate of 1,750 gpm. Mixed gas chlorine is first injected. This water is transferred into a 10,000-gallon and 16,000-gallon aeration tank. 250 gpm transfer pumps move the water through the three 6,000-gallon media filters. Blended phosphate is injected as the filtered water travels into a 68,000 and 140,000-gallon ground storage tank. Three 500 gpm booster pumps send the treated potable drinking water directly into a 500,000-gallon elevated storage tank (EST 5). This elevated storage tank delivers pressure and volume to the distribution system.

The media filters require backwashing. After the appropriate valve alignments, this is accomplished by drawing treated and filtered potable drinking water from the ground storage tanks. This is inversely pumped into the media filters. The backwashed water is directed into a 17,000-gallon backwash tank. This tank drains into local drainage.

This site has a 250 kW, Cummins, Diesel generator for emergency power. This unit has a 300-gallon tank and a 500-gallon reserve fuel tank.

7 – Andrew

22916 Andrew Ln

Porter, TX 77635

30.116091, -95.251435

This well draws ground water from the Evangeline Aquifer in Montgomery County at a rate of 2,200 gpm. Mixed gas chlorine is first injected, with blended phosphate injected afterwards. This water travels into two 200,000-gallon ground storage tanks. Three 1000 gpm booster pumps introduce the treated and filtered potable drinking water directly into the distribution system. A 10,000-gallon hydropneumatic pressure tank assists with pressure stabilization.

This site has a 450 kW, Cummins, Natural Gas generator for emergency power. The natural gas is provided by public infrastructure.

8 – Copeland

17610 Copeland Ln

Porter, TX 77635

30.152183, -95.306653

This well draws ground water from the Jasper Aquifer in Montgomery County at a rate of 2,200 gpm. Mixed gas chlorine is first injected, with blended phosphate injected afterwards. This water is transferred into the 6,700-gallon aeration tank. 250 gpm transfer pumps move the water through the two 3,000-gallon media filters. The filtered water travels into 62,000 and 100,000-gallon ground storage tanks. Two 500 gpm booster pumps introduce the treated and filtered potable drinking water directly into the distribution system.

This site has does not currently have a generator for emergency power. It is under development.

9 - Water Well

24144 Water Well Rd

Porter, TX 77635

30.094659, -95.234130

This well draws ground water from the Evangeline Aquifer in Montgomery County at a rate of 2,200 gpm. Mixed gas chlorine is first injected, with blended phosphate injected afterwards. This well sends the treated potable drinking water directly into a 500,000-gallon elevated storage tank (EST 9). This elevated storage tank delivers pressure and volume to the distribution system.

This site has a 550 kW, Cummins, Natural Gas generator for emergency power. The natural gas is provided by public infrastructure.