

Worksheet for Drilling/Operating Permits

City of Bryan (BVDO-0286, BVDO-0287)

City of Bryan seeks two (2) Drilling/Operating permits for the purpose of:

- **Industrial Use – Water to maintain adequate water level of Bryan Midtown Lake used to irrigate the property and provide recreational use for the public**

New Wells:

Midtown Park Well #1 (**BVDO-0286**) Located at: N 30.641111° W 96.364722° 0.40 miles WNW of the intersection of S. College Avenue and Villa Maria Road in Brazos County

Midtown Park Well #2 (**BVDO-0287**) Located at: N 30.638611° W 96.366944° 0.28 miles N of the intersection of Wellborn Road and Villa Maria Road in Brazos County

Tract Size: **Approximately 147.84 acres**

Beneficial Use: **Industrial** – Water to maintain adequate water level of Bryan Midtown Lake to be used to irrigate approximately 32.5 acres of the property and provide recreational use for the public (both wells)

Aquifer of Origin: **Sparta** (both wells)

Well Column: **8”** (both wells)

Rate of Production: **250 gpm** (both wells)

Max. Annual Production: **Midtown Park Well #1 – 250 acre feet/year**

Midtown Park Well #2 – 250 acre feet/year

This application meets all the specifications listed in BVGCD Rule 7.1 (c) regarding production-based acreage. Below are the calculations verifying the applicant's compliance:

Midtown Well #1 & Well #2 (same calculation for each well)

250 acre feet/year x .62 = 155 gpm on an average annual basis

155 x 2'/gpm for Sparta wells –310' radius from the wellhead

310' x 310' x 3.14 = 301,754 square feet around the well

301,754/43,560 = **6.9273 contiguous acres to be assigned each well**

Application is administratively complete.

It is the recommendation by the General Manager to approve the Drilling/Operating permits as presented.

City of Bryan | BVDO-0286, BVDO-0287 | Sparta (both) | 250 ac-ft/yr (each) | 310' radius



October 25, 2021

pointLayer

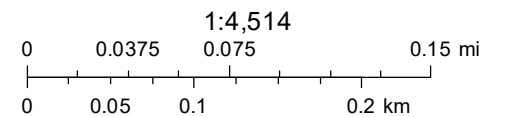
● Override 1

polygonLayer

■ Override 1

⊗ BVGCDWells

▭ BrazosCADParcels



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Permit No. BVDO-0286



Operating Permit
Issued By Direction of the Board of Directors of the
Brazos Valley Groundwater Conservation District

This **Operating Permit** is granted to **City of Bryan** (Permittee) authorizing the Permittee to operate a water well known as **Midtown Park Well #1** ("Well") at the location specified below within the Brazos Valley Groundwater Conservation District (District) for the beneficial purpose of producing water for **Industrial** use. Permittee is authorized to operate the Well located at **N 30.641111° and W 96.364722°** to produce water from the **Sparta Aquifer** at an annual maximum capacity not to exceed **250 GPM** and a maximum annual production of **250 acre feet/year**.

Operating Permit Term:

- (a) An operating and drilling permit for a well or well site will automatically expire within three years from its issuance if the permitted well(s) has not been completed or is not significantly under development.
- (b) Unless specified otherwise by the Board or these Rules, operating permits are effective for five-year terms. At the end of each five-year term, the permit shall be renewed by the Board for an additional five-year term, upon submittal of a permit renewal application by the permit holder that provides adequate evidence of continued beneficial use for the permitted amount of water withdrawal. The District shall send notices to permit holders that contain the permit renewal applications, prior to permit expirations.
- (c) The District may amend or revoke an operating permit at any time if there is evidence of:
 - (1) the owner or operator of the well or well system has operated in violation of their permit, District Rules, or Chapter 36 of the Texas Water Code; or
 - (2) a change in the permit is required to prevent waste and achieve water conservation, minimize as far as practicable the drawdown of the water table or reduction of artesian pressure, lessen interference between wells, or control and prevent subsidence; or
 - (3) The permitted well(s) has not been completed, is not significantly under construction; or no significant progress is being made toward construction.

This permit is issued and effective as of November 11, 2021.

Special Provisions/Notes: None

Permit No. BVDO-0287

Operating Permit
Issued By Direction of the Board of Directors of the
Brazos Valley Groundwater Conservation District



This **Operating Permit** is granted to **City of Bryan** (Permittee) authorizing the Permittee to operate a water well known as **Midtown Park Well #2** ("Well") at the location specified below within the Brazos Valley Groundwater Conservation District (District) for the beneficial purpose of producing water for **Industrial** use. Permittee is authorized to operate the Well located at **N 30.638611° and W 96.366944°** to produce water from the **Sparta Aquifer** at an annual maximum capacity not to exceed **250 GPM** and a maximum annual production of **250 acre feet/year**.

Operating Permit Term:

- (a) An operating and drilling permit for a well or well site will automatically expire within three years from its issuance if the permitted well(s) has not been completed or is not significantly under development.
- (b) Unless specified otherwise by the Board or these Rules, operating permits are effective for five-year terms. At the end of each five-year term, the permit shall be renewed by the Board for an additional five-year term, upon submittal of a permit renewal application by the permit holder that provides adequate evidence of continued beneficial use for the permitted amount of water withdrawal. The District shall send notices to permit holders that contain the permit renewal applications, prior to permit expirations.
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 - (1) the owner or operator of the well or well system has operated in violation of their permit, District Rules, or Chapter 36 of the Texas Water Code; or
 - (2) a change in the permit is required to prevent waste and achieve water conservation, minimize as far as practicable the drawdown of the water table or reduction of artesian pressure, lessen interference between wells, or control and prevent subsidence; or
 - (3) The permitted well(s) has not been completed, is not significantly under construction; or no significant progress is being made toward construction.

This permit is issued and effective as of November 11, 2021.

Special Provisions/Notes: None