

Worksheet for Drilling/Operating Permits

Burnside Investments Inc. – Wells 1-5

BVDO-0403 | BVDO-0404 | BVDO-0405 | BVDO-0406 | BVDO-0407

Burnside Investments Inc, seeks Drilling/Operating permits for the purpose of:

- **Agricultural**
- **Industrial**
- **Commercial**
- **Public Water Supply**
- **Municipal Use**

Proposed Well 1 (BVDO-0403):

Located at: N 30.802439° W 96.616914° 0.39 miles SW of the intersection of Muse Road and Union Bend Road in Robertson County.

Proposed Well 2 (BVDO-0404):

Located at: N 30.796989° W 96.626811° 1.07 miles SW of the intersection of Muse Road and Union Bend Road in Robertson County.

Proposed Well 3 (BVDO-0405):

Located at: N 30.791261° W 96.634472° 1.67 miles SW of the intersection of Muse Road and Union Bend Road in Robertson County.

Proposed Well 4 (BVDO-0406):

Located at: N 30.787008° W 96.643233° 2.26 miles SW of the intersection of Muse Road and Union Bend Road in Robertson County.

Proposed Well 5 (BVDO-0407):

Located at: N 30.807222° W 96.607594° 0.32 miles E of the intersection of Muse Road and Union Bend Road in Robertson County.

Beneficial Uses: **Agricultural, Industrial, Commercial, Public Water Supply, Municipal**

Aquifer of Origin: **Simsboro** (all wells)

Acreage: **1,155 acres**

Well Column: **To Be Determined** (all wells)

| | | |
|---------------------|---------------|------------------|
| Rate of Production: | Well 1 | 1,800 gpm |
| | Well 2 | 1,800 gpm |
| | Well 3 | 1,300 gpm |
| | Well 4 | 1,400 gpm |
| | Well 5 | 820 gpm |

Max. Annual Production: **Well 1** **2,323 ac-ft/yr**
Well 2 **2,323 ac-ft/yr**
Well 3 **1,678 ac-ft/yr**
Well 4 **1,807 ac-ft/yr**
Well 5 **1,058 ac-ft/yr**

This application meets all of the specifications listed in BVGCD Rule 7.1 (c) regarding production-based acreage. Below is the formula used to calculate and verify the applicant's compliance and was applied to each of the wells listed below:

Formula

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

Average Annual gpm x 1' for Simsboro wells = radius from the wellhead radius x radius

x 3.14 = square feet around the well

Square feet around well/43,560 = **contiguous acres to be assigned to the well.**

| Well | Acre feet/year | Contiguous Acres Assigned |
|---------------|-----------------------|----------------------------------|
| Well 1 | 2,323 | 149.53 |
| Well 2 | 2,323 | 149.53 |
| Well 3 | 1,678 | 78.02 |
| Well 4 | 1,807 | 61.02 |
| Well 5 | 1,058 | 29.51 |

The footprint of each of the wells lies entirely within the property controlled by the applicant.

This application is administratively complete.

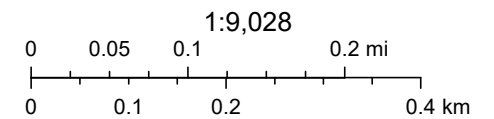
It is the recommendation of the General Manager to approve the five (5) permits as presented.

Burnside Investments Inc | Well #1 | BVDO-0403 | Simsboro | 2,300 ac-ft/yr | 1,426' radius



July 29, 2023

- Override 1
- wells
- Override 1
- robertsonCadParcels



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Permit No. BVDO-0403



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

This **Operating Permit** is granted to **Burnside Investments Inc.** (Permittee) authorizing the Permittee to operate a water well, known as **Well 1** ("Well"), at the location specified below, within the Brazos Valley Groundwater Conservation District (District), for the beneficial purpose of producing water for **Agricultural, Industrial, Commercial, Municipal, and Public Water Supply** uses. Permittee is authorized to operate the Well located at **N 30.802439° and W 96.616914°** to produce water from the **Simsboro Aquifer** at an annual maximum capacity not to exceed **1,800 GPM** and a maximum annual production of **2,323 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 September 14, 2023.

Special Provisions/Notes:

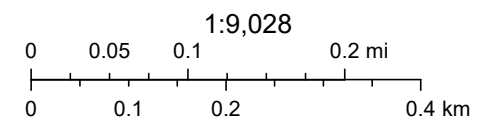
This is a multi-use permit for Agricultural, Industrial, Commercial, Municipal, and Public Water Supply uses. Purpose of use will be metered and reported separately. Purpose of use will be metered and reported separately.

Burnside Investments Inc | Well #2 | BVDO-0404| Simsboro | 2,323 ac-ft/yr | 1,440.26' radius



July 29, 2023

- Override 1
- wells
- Override 1
- robertsonCadParcels



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Permit No. BVDO-0404



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

This **Operating Permit** is granted to **Burnside Investments Inc.** (Permittee) authorizing the Permittee to operate a water well, known as **Well 2** ("Well"), at the location specified below, within the Brazos Valley Groundwater Conservation District (District), for the beneficial purpose of producing water for **Agricultural, Industrial, Commercial, Municipal, and Public Water Supply** uses. Permittee is authorized to operate the Well located at **N 30.796989° and W 96.626811°** to produce water from the **Simsboro Aquifer** at an annual maximum capacity not to exceed **1,800 GPM** and a maximum annual production of **2,323 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 September 14, 2023.





Special Provisions/Notes:

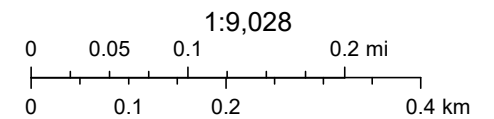
This is a multi-use permit for Agricultural, Industrial, Commercial, Municipal, and Public Water Supply uses. Purpose of use will be metered and reported separately. Purpose of use will be metered and reported separately.

Burnside Investments Inc | Well #3 | BVDO-0405| Simsboro | 1,678 ac-ft/yr | 1,040.36' radius



July 29, 2023

-  Override 1
-  wells
-  Override 1
-  robertsonCadParcels



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Permit No. BVDO-0405

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



This **Operating Permit** is granted to **Burnside Investments Inc.** (Permittee) authorizing the Permittee to operate a water well, known as **Well 3** ("Well"), at the location specified below, within the Brazos Valley Groundwater Conservation District (District), for the beneficial purpose of producing water for **Agricultural, Industrial, Commercial, Municipal, and Public Water Supply** uses. Permittee is authorized to operate the Well located at **N 30.791261° and W 96.634472°** to produce water from the **Simsboro Aquifer** at an annual maximum capacity not to exceed **1,300 GPM** and a maximum annual production of **1,678 acre feet/year**.

Operating Permit Term:

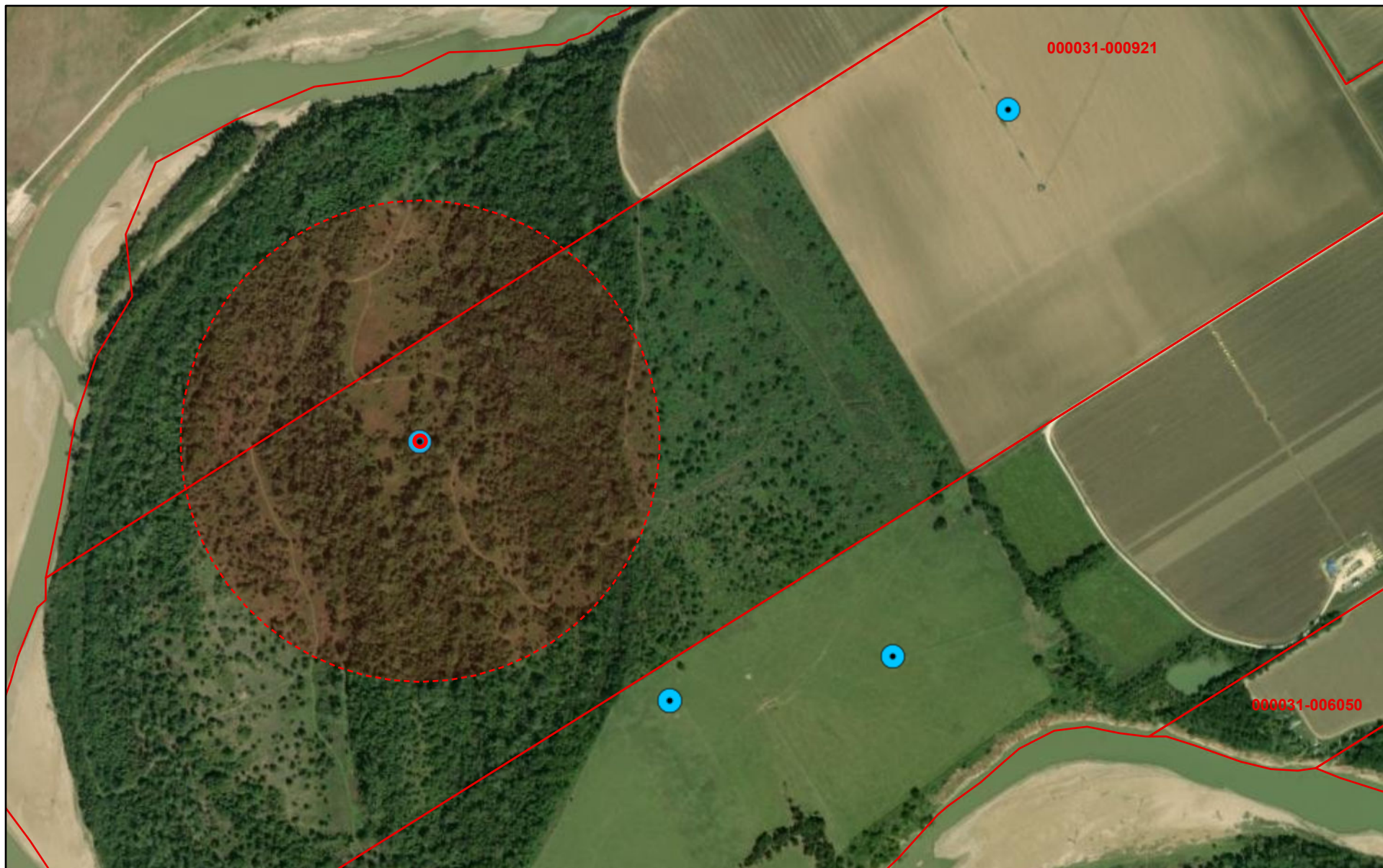
- (a) An operating and drilling permit for a well or well site will automatically expire within three years from its issuance if the permitted well(s) has not been completed or is not significantly under development.
- (b) Unless specified otherwise by the Board or these Rules, operating permits are 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 September 14, 2023.





Special Provisions/Notes:

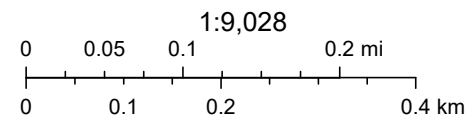
This is a multi-use permit for Agricultural, Industrial, Commercial, Municipal, and Public Water Supply uses. Purpose of use will be metered and reported separately. Purpose of use will be metered and reported separately.

Burnside Investments Inc | Well #4 | BVDO-0406 | Simsboro | 1,807 ac-ft/yr | 1,120.34' radius



July 29, 2023

-  Override 1
-  wells
-  Override 1
-  robertsonCadParcels



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Permit No. BVDO-0406



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

This **Operating Permit** is granted to **Burnside Investments Inc.** (Permittee) authorizing the Permittee to operate a water well, known as **Well 4** ("Well"), at the location specified below, within the Brazos Valley Groundwater Conservation District (District), for the beneficial purpose of producing water for **Agricultural, Industrial, Commercial, Municipal, and Public Water Supply** uses. Permittee is authorized to operate the Well located at **N 30.787008° and W 96.643233°** to produce water from the **Simsboro Aquifer** at an annual maximum capacity not to exceed **1,400 GPM** and a maximum annual production of **1,807 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 September 14, 2023.





Special Provisions/Notes:

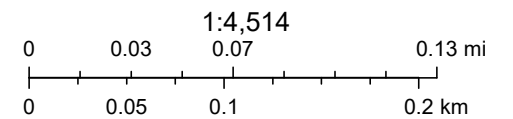
This is a multi-use permit for Agricultural, Industrial, Commercial, Municipal, and Public Water Supply uses. Purpose of use will be metered and reported separately. Purpose of use will be metered and reported separately.

Burnside Investments Inc | Well #5 | BVDO-0407 | Simsboro | 1,058 ac-ft/yr | 655.96' radius



July 29, 2023

-  Override 1
-  wells
-  Override 1
-  robertsonCadParcels



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Permit No. BVDO-0407



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

This **Operating Permit** is granted to **Burnside Investments Inc.** (Permittee) authorizing the Permittee to operate a water well, known as **Well 5** ("Well"), at the location specified below, within the Brazos Valley Groundwater Conservation District (District), for the beneficial purpose of producing water for **Agricultural, Industrial, Commercial, Municipal, and Public Water Supply** uses. Permittee is authorized to operate the Well located at **N 30.807222° and W 96.607594°** to produce water from the **Simsboro Aquifer** at an annual maximum capacity not to exceed **820 GPM** and a maximum annual production of **1,058 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 September 14, 2023.

Special Provisions/Notes:

This is a multi-use permit for Agricultural, Industrial, Commercial, Municipal, and Public Water Supply uses. Purpose of use will be metered and reported separately. Purpose of use will be metered and reported separately.