

# Worksheet for Drilling/Operating Permits

## RH2O LLC – Wells 1-5

**BVDO-0385 | BVDO-0386 | BVDO-0387 | BVDO-0388 | BVDO-0389**

**RH2O LLC seeks Drilling/Operating permits for the purpose of:**

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

**Proposed Well 1 (BVDO-0385):**

Located at: N 30.909286° W 96.621725° 1.44 miles N of the intersection of Vaughn Lane and FM 485 in Robertson County.

**Proposed Well 2 (BVDO-0386):**

Located at: N 30.898639° W 96.639708° 1.59 miles WNW of the intersection of Vaughn Lane and FM 485 in Robertson County.

**Proposed Well 3 (BVDO-0387):**

Located at: N 30.893919° W 96.646250° 1.90 miles W of the intersection of Vaughn Lane and FM 485 in Robertson County.

**Proposed Well 4 (BVDO-0388):**

Located at: N 30.905286° W 96.639786° 1.78 miles NW of the intersection of Vaughn Lane and FM 485 in Robertson County.

**Proposed Well 5 (BVDO-0389):**

Located at: N 30.909286° W 96.628772° 1.49 miles NNW of the intersection of Vaughn Lane and FM 485 in Robertson County.

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

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

**Acreage: 927 acres**

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

Rate of Production:	<b>Well 1</b>	<b>1,300 gpm</b>
	<b>Well 2</b>	<b>1,700 gpm</b>
	<b>Well 3</b>	<b>1,350 gpm</b>
	<b>Well 4</b>	<b>1,150 gpm</b>
	<b>Well 5</b>	<b>800 gpm</b>

Max. Annual Production: **Well 1**      **1,678 ac-ft/yr**  
**Well 2**      **2,194 ac-ft/yr**  
**Well 3**      **1,742 ac-ft/yr**  
**Well 4**      **1,484 ac-ft/yr**  
**Well 5**      **1,032 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.**

<b>Well</b>	<b>Acre feet/year</b>	<b>Contiguous Acres Assigned</b>
<b>Well 1</b>	1,678	78.02
<b>Well 2</b>	2,194	133.38
<b>Well 3</b>	1,742	84.09
<b>Well 4</b>	1,484	61.02
<b>Well 5</b>	1,032	29.51

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





**This application is administratively complete.**

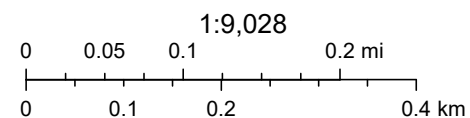
**It is the recommendation of the General Manager to approve the five (5) permits as presented.**

# RH20 LLC | Well 1 | BVDO-0385 | Simsboro | 1,678 ac-ft/yr | 1,040.36' radius



July 22, 2023

-  Override 1
-  BVGCDWells
-  Override 1
-  RobertsonCADParcels



Esri, HERE, iPC, Esri, HERE, Garmin, iPC, Maxar

## Permit No. BVDO-0385

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



This **Operating Permit** is granted to **RH2O LLC** (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 30.909286° and W 96.621725°** 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:**

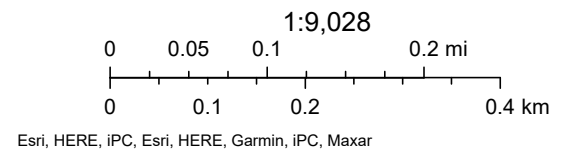
This is a multi-use permit for Agricultural, Industrial, Commercial, Municipal, and Public Water Supply uses. Purpose of use will be metered and reported separately. Purpose of use will be metered and reported separately.

RH20 LLC | Well 2 | BVDO-0386 | Simsboro | 2,194 ac-ft/yr | 1,360.28' radius



July 22, 2023

-  Override 1
-  BVGCDWells
-  Override 1
-  RobertsonCADParcels



## Permit No. BVDO-0386



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

This **Operating Permit** is granted to **RH2O LLC** (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 30.898639° and W 96.639708°** to produce water from the **Simsboro Aquifer** at an annual maximum capacity not to exceed **1,700 GPM** and a maximum annual production of **2,194 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:

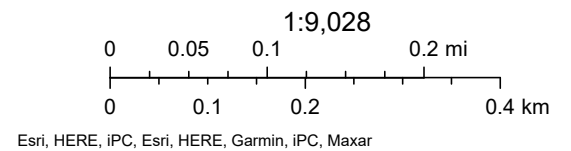
This is a multi-use permit for Agricultural, Industrial, Commercial, Municipal, and Public Water Supply uses. Purpose of use will be metered and reported separately. Purpose of use will be metered and reported separately.

RH20 LLC | Well 3 | BVDO-0387 | Simsboro | 1,742 ac-ft/yr | 1,080.04' radius



July 22, 2023

-  Override 1
-  BVGCDWells
-  Override 1
-  RobertsonCADParcels



## Permit No. BVDO-0387

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



This **Operating Permit** is granted to **RH2O LLC** (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 30.893919° and W 96.646250°** to produce water from the **Simsboro Aquifer** at an annual maximum capacity not to exceed **1,350 GPM** and a maximum annual production of **1,742acre 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.

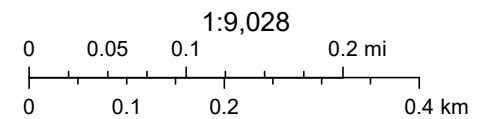


RH20 LLC | Well 4 | BVDO-0388 | Simsboro | 1,484 ac-ft/yr | 920.08' radius



July 22, 2023

-  Override 1
-  BVGCDWells
-  Override 1
-  RobertsonCADParcels



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## Permit No. BVDO-0388



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

This **Operating Permit** is granted to **RH2O LLC** (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 30.905286° and W 96.639786°** to produce water from the **Simsboro Aquifer** at an annual maximum capacity not to exceed **1,150 GPM** and a maximum annual production of **1,484 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:

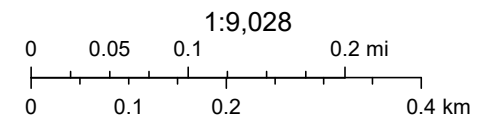
This is a multi-use permit for Agricultural, Industrial, Commercial, Municipal, and Public Water Supply uses. Purpose of use will be metered and reported separately. Purpose of use will be metered and reported separately.

RH20 LLC | Well 5 | BVDO-0389 | Simsboro | 1,032 ac-ft/yr | 689.84' radius



July 22, 2023

-  Override 1
-  BVGCDWells
-  Override 1
-  RobertsonCADParcels



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## Permit No. BVDO-0389

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



This **Operating Permit** is granted to **RH2O LLC** (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 30.909286° and W 96.628772°** to produce water from the **Simsboro Aquifer** at an annual maximum capacity not to exceed **800 GPM** and a maximum annual production of **1,032 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.