

## Worksheet for a Drilling/Operating Permit

### Luminant Mining Company, LLC – Bremond Mine (BVDO-0305)

Luminant Mining Company, LLC – Bremond Mine seeks one (1) Drilling/Operating permit for the purpose of:

- **Industrial Use - Loading Facility**

New Well:

Well #1 (**BVDO-0305**) Located at: N 31.157905° W 96.580965° 0.77 miles SW of the intersection of Peach Joe Rd and FM 2293 in Robertson County

Tract Size: Approximately 589.87 acres

Beneficial Use: **Industrial**

Aquifer of Origin: **Simsboro**

Well Column: **4"**

Rate of Production: **93 gpm**

Max. Annual Production: **150 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:

$150 \text{ acre feet/year} \times .62 = 93 \text{ gpm}$  on an average annual basis

93 x 1'/gpm for Simsboro wells –93' radius from the wellhead

$93' \times 93' \times 3.14 = 27,158$  square feet around the well

$27,158/43,560 = \mathbf{0.624}$  contiguous acres to be assigned the well

Application is administratively complete.

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

# Luminant Mining- Bremond Mine | BVDO-0305 | Well 4 | Simsboro | 150 ac-ft/yr | 93' radius



May 19, 2022

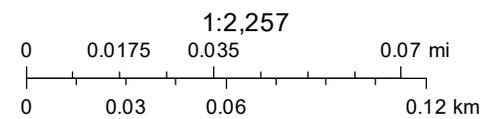
**pointLayer**

● Override 1

**polygonLayer**

■ Override 1

🌐 BVGCDWells



Esri, HERE, Garmin, (c) OpenStreetMap contributors  
Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user

**Permit No. BVDO-0305**



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

This **Operating Permit** is granted to **Luminant Mining Company, LLC – Bremond Mine** (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 **Industrial** use. Permittee is authorized to operate the Well located at **N 31.157905° and W 96.580965°** to produce water from the **Simsboro Aquifer** at an annual maximum capacity not to exceed **93 GPM** and a maximum annual production of **150 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 June 9, 2022.

**Special Provisions/Notes: None**

## Worksheet for a Drilling/Operating Permit

### Luminant Mining Company, LLC – Bremond Mine (BVDO-0306)

Luminant Mining Company, LLC – Bremond Mine seeks one (1) Drilling/Operating permit for the purpose of:

- **Industrial Use - Loading Facility**

New Well:

Well #2 (**BVDO-0306**) Located at: N 31.155991° W 96.571279° 0.8 miles SW of the intersection of Peach Joe Rd and FM 2293 in Robertson County

Tract Size: Approximately 308.026 acres

Beneficial Use: **Industrial**

Aquifer of Origin: **Simsboro**

Well Column: **4"**

Rate of Production: **40 gpm**

Max. Annual Production: **65 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:

$65 \text{ acre feet/year} \times .62 = 40.3 \text{ gpm}$  on an average annual basis

$40.3 \times 1'/\text{gpm}$  for Simsboro wells –40.3' radius from the wellhead

$40.3' \times 40.3' \times 3.14 = 5,100$  square feet around the well

$5,100/43,560 = \mathbf{0.117}$  contiguous acres to be assigned the well

Application is administratively complete.

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

# Luminant Mining- Bremond Mine I BVDO-0306 I Well 5 I Simsboro I 65 ac-ft/yr I 40.3' radius



May 19, 2022

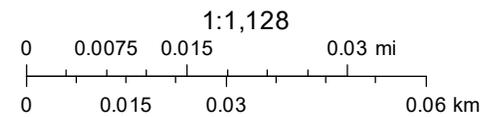
pointLayer

● Override 1

polygonLayer

■ Override 1

 BVGCDWells



Esri, HERE, Garmin, (c) OpenStreetMap contributors  
Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user

Permit No. BVDO-0306



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

This **Operating Permit** is granted to **Luminant Mining Company, LLC – Bremond Mine** (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 **Industrial** use. Permittee is authorized to operate the Well located at **N 31.155991° and W 96.571279°** to produce water from the **Simsboro Aquifer** at an annual maximum capacity not to exceed **40 GPM** and a maximum annual production of **65 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 June 9, 2022.

**Special Provisions/Notes: None**

## Worksheet for a Drilling/Operating Permit

### Luminant Mining Company, LLC – Bremond Mine (BVOP-0317)

Luminant Mining Company, LLC – Bremond Mine seeks one (1) Operating permit for the purpose of:

- **Industrial Use – Road Construction**

Existing Well:

Well #1 (**BVOP-0317**) Located at: N 31.211278° W 96.547881° 0.75 miles ESE of the intersection of Morehead Rd and FM 2954 in Robertson County

Tract Size: Approximately 144.55 acres

Beneficial Use: **Industrial**

Aquifer of Origin: **Simsboro**

Well Column: **4”**

Rate of Production: **31 gpm**

Max. Annual Production: **50 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:

$50 \text{ acre feet/year} \times .62 = 31 \text{ gpm}$  on an average annual basis

$31 \times 1'/\text{gpm}$  for Simsboro wells –31' radius from the wellhead

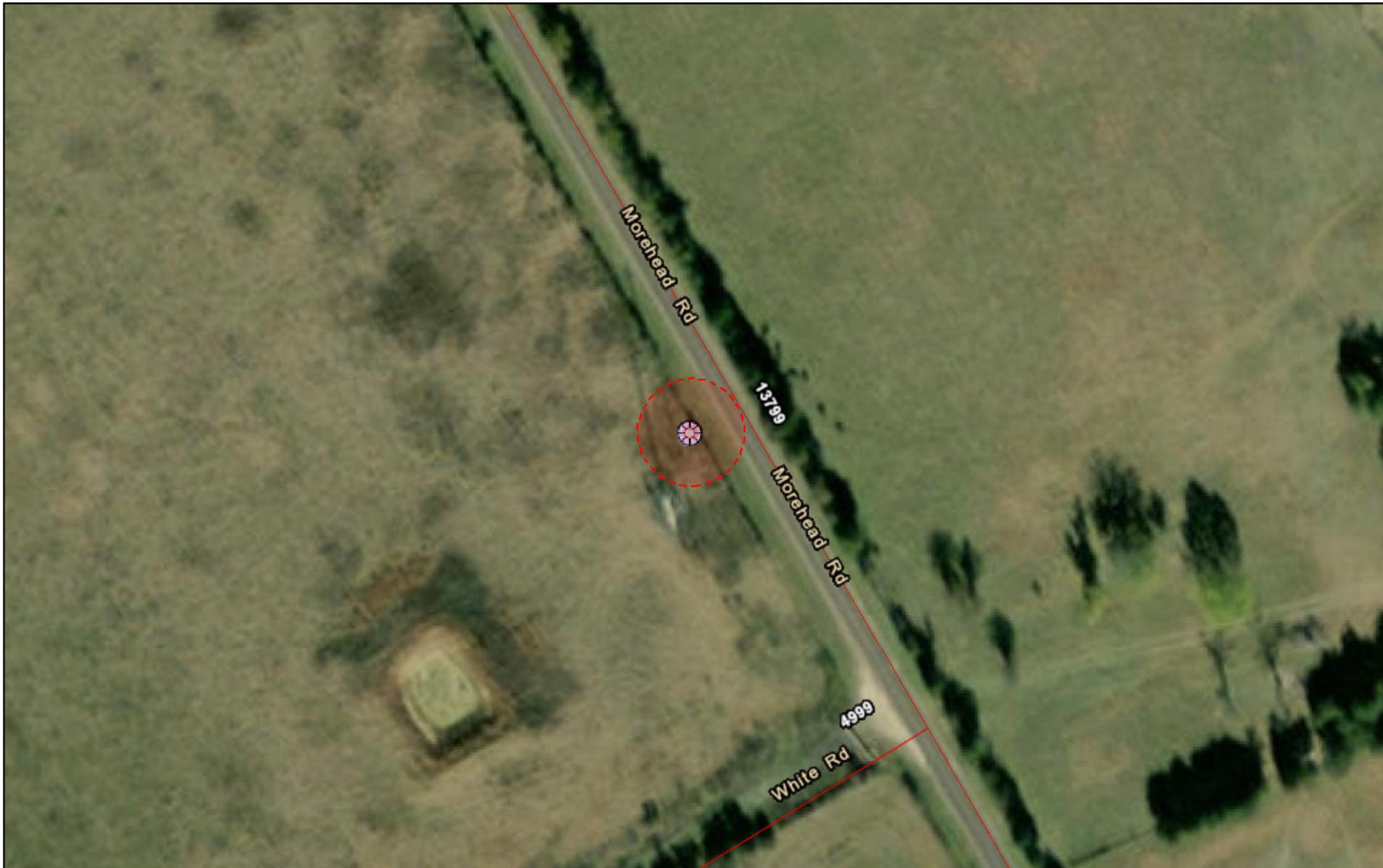
$31' \times 31' \times 3.14 = 3,018$  square feet around the well

$3,018/43,560 = \mathbf{0.070}$  contiguous acres to be assigned the well

Application is administratively complete.

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

# Luminant Mining | BVOP-0317 | Well 1 | Simsboro | 50 ac-ft/yr | 31' radius



May 17, 2022

pointLayer



Override 1

polygonLayer



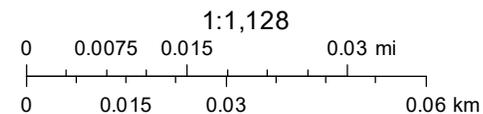
Override 1



BVGCDWells



RobertsonCADParcels



Esri, HERE, Garmin, (c) OpenStreetMap contributors  
Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user

Permit No. BVOP-0317



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

This **Operating Permit** is granted to **Luminant Mining Company, LLC – Bremond Mine** (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 **Industrial** use. Permittee is authorized to operate the Well located at **N 31.211278° and W 96.547881°** to produce water from the **Simsboro Aquifer** at an annual maximum capacity not to exceed **31 GPM** and a maximum annual production of **50 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 June 9, 2022.

**Special Provisions/Notes: None**

## Worksheet for a Drilling/Operating Permit

### Luminant Mining Company, LLC – Bremond Mine (BVOP-0318)

Luminant Mining Company, LLC – Bremond Mine seeks one (1) Operating permit for the purpose of:

- **Industrial Use – Road Construction**

Existing Well:

Well #1 (**BVOP-0318**) Located at: N 31.222681° W 96.547158° 0.36 miles E of the intersection of Taite Rd and FM 2954 in Robertson County

Tract Size: Approximately 158.66 acres

Beneficial Use: **Industrial**

Aquifer of Origin: **Simsboro**

Well Column: **4”**

Rate of Production: **40 gpm**

Max. Annual Production: **65 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:

$65 \text{ acre feet/year} \times .62 = 40.3 \text{ gpm}$  on an average annual basis

$40.3 \times 1'/\text{gpm}$  for Simsboro wells –40.3' radius from the wellhead

$40.3' \times 40.3' \times 3.14 = 5,100$  square feet around the well

$5,100/43,560 = \mathbf{0.117}$  contiguous acres to be assigned the well

Application is administratively complete.

It is the recommendation by the General Manager to approve the Operating permit as presented.

# Luminant Mining | BVOP-0318 | Well 2 | Simsboro | 65 ac-ft/yr | 40.3' radius



May 17, 2022

pointLayer

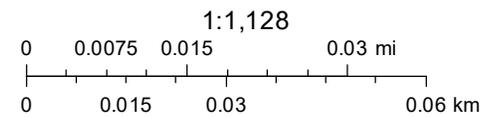
● Override 1

polygonLayer

■ Override 1

⊗ BVGCDWells

□ RobertsonCADParcels



Esri, HERE, Garmin, (c) OpenStreetMap contributors  
Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user

Permit No. BVOP-0318



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

This **Operating Permit** is granted to **Luminant Mining Company, LLC – Bremond Mine** (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 **Industrial** use. Permittee is authorized to operate the Well located at **N 31.222681° and W 96.547158°** to produce water from the **Simsboro Aquifer** at an annual maximum capacity not to exceed **40 GPM** and a maximum annual production of **65 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 June 9, 2022.

**Special Provisions/Notes: None**

## Worksheet for a Drilling/Operating Permit

### Luminant Mining Company, LLC – Bremond Mine (BVOP-0319)

Luminant Mining Company, LLC – Bremond Mine seeks one (1) Operating permit for the purpose of:

- **Industrial Use – Road Construction**

Existing Well:

Well #1 (**BVOP-0319**) Located at: N 31.149018° W 96.575154° 1.27 miles SW of the intersection of Peach Joe Rd and FM 2293 in Robertson County

Tract Size: Approximately 589.87 acres

Beneficial Use: **Industrial**

Aquifer of Origin: **Simsboro**

Well Column: **4”**

Rate of Production: **93 gpm**

Max. Annual Production: **150 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:

$150 \text{ acre feet/year} \times .62 = 93 \text{ gpm}$  on an average annual basis

93 x 1'/gpm for Simsboro wells –93' radius from the wellhead

$93' \times 93' \times 3.14 = 27,158$  square feet around the well

$27,158/43,560 = \mathbf{0.624}$  contiguous acres to be assigned the well

Application is administratively complete.

It is the recommendation by the General Manager to approve the Operating permit as presented.

# Luminant Mining | BVOP-0319 | Well 3 | Simsboro | 150 ac-ft/yr | 93' radius



May 17, 2022

**pointLayer**

● Override 1

**polygonLayer**

■ Override 1



BVGCDWells



RobertsonCADParcels

1:2,257

0 0.0175 0.035 0.07 mi

0 0.03 0.06 0.12 km

Esri, HERE, Garmin, (c) OpenStreetMap contributors  
Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user

**Permit No. BVOP-0319**



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

This **Operating Permit** is granted to **Luminant Mining Company, LLC – Bremond Mine** (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 **Industrial** use. Permittee is authorized to operate the Well located at **N 31.149018° and W 96.575154°** to produce water from the **Simsboro Aquifer** at an annual maximum capacity not to exceed **93 GPM** and a maximum annual production of **150 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 June 9, 2022.

**Special Provisions/Notes: None**