

<b>Wells permitted pursuant to District Rule 8.3(j) - September, 2015</b>						
<u>Permit #</u>	<u>Permittee</u>	<u>Aquifer</u>	<u>Permitted Amt.</u>	<u>Type of Use</u>	<u>Date</u>	
BVOP-0230	Union Pacific RR	BRA	150.00	Industrial	9/11/2015	
BVOP-0231	Union Pacific RR	BRA	150.00	Industrial	9/11/2015	
BVOP-0232	Union Pacific RR	BRA	150.00	Industrial	9/11/2015	
BVOP-0233	Union Pacific RR	BRA	150.00	Industrial	9/11/2015	
BVOP-0234	Union Pacific RR	BRA	150.00	Industrial	9/11/2015	
BVOP-0235	Union Pacific RR	BRA	150.00	Industrial	9/11/2015	
BVOP-0236	Union Pacific RR	BRA	150.00	Industrial	9/11/2015	
BVOP-0237	Union Pacific RR	BRA	150.00	Industrial	9/11/2015	
BVDO-0198	Carl Cotropia	BRA	82.00	Agricultural	9/16/2015	
			1282.00			
Wells - 9						
BRA - 1200 ac-ft (new)						
BRA - 82 ac-ft (transferred from historic permit)						
Total Acre Feet - 1200 ac-ft						
<b>Board permitted wells</b>						
BVOP-0200	Sunoco Logistics	Queen City	No new water	Industrial	9/10/2015	Amended 1-yr to 5-yrs

## Worksheet for Operating Permits

### Union Pacific Railroad (UPRR)

Mumford 5, Mumford 6, Mumford 18, Mumford 19, Mumford 22  
Mumford 23, Mumford 25, Mumford 69

BVOP-0230, BVOP-0231, BVOP-0232, BVOP-0233, BVOP-0234, BVOP-0235,  
BVOP-0236, BVOP-0237

UPRR seeks Operating Permits for the purpose of:

- **Industrial Use (Railyard Construction)**

Existing Wells GPS coordinates:

Mumford 5 – N 30.74933° W 96.581035°  
Mumford 6 – N 30.750201° W 96.582923°  
Mumford 18 – N 30.758952° W 96.585815°  
Mumford 19 – N 30.758128° W 96.586898°  
Mumford 22 – N 30.765291° W 96.587653°  
Mumford 23 – N 30.766459° W 96.586217°  
Mumford 25 – N 30.767230° W 96.592895°  
Mumford 69 – N 30.839957° W 96.636555°

Beneficial Use: **Industrial**

Aquifer of Origin: **Brazos River Alluvium**

Well Column: **16"**

Rate of Production: **500 gpm**

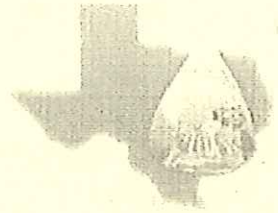
Max. Annual Production: **150 acre feet/year for each of the eight (8) wells listed**

**Application is administratively complete.**

**The permit was issued by the General Manager on 9-14-15 pursuant to District Rule 8.3(j).**

Permit No. BV-OP-0230

**Operating Permit**  
**Issued by the General Manager of the**  
**Brazos Valley Groundwater Conservation District**  
**Pursuant to District Rule 8.3(j)**



This **Operating Permit** is granted to **Union Pacific Railroad** (Permittee) authorizing the Permittee to operate a water well known as **Mumford 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 30.749433° and W 96.581035°** to produce water from the **Brazos River Alluvium Aquifer** at an annual maximum capacity not to exceed **500 GPM** and a maximum annual production of **150 acre feet/year**.

**Operating Permit Term:**

- (a) The operating permit is effective for a one-year term. At the end of the one-year term, the permit may be renewed by the General Manager for an additional 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.
- (b) 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, 2015.

**Special Provisions/Notes: None**

This Permit is granted subject to these Rules, orders of the Board, and the laws of the State of Texas. In addition to any special provisions or other requirements incorporated into the permit issued by the District.

- (1) This Permit is granted in accordance with provisions of the Rules of the District, including amendments, and acceptance of this Permit constitutes an acknowledgment and agreement that Permittee will comply with the Rules of the District.
- (2) This Permit confers only the right to operate the permitted well under the provisions of the District Rules and its terms may be modified or amended pursuant to the provisions of those Rules. To protect the permit holder from the illegal use of a new landowner, within ten (10) days after the date of sale of property containing a well having been issued an operating permit, the operating permit holder must notify the District in writing of the name of the new owner. Any person who becomes the owner of a currently permitted well must, within forty-five (45) calendar days from the date of the change in ownership, file an application for a permit amendment to affect a transfer of the permit.
- (3) The operation of the well for the authorized purposes must be conducted in a non-wasteful manner.
- (4) All groundwater production from non-exempt wells in the District is required to be metered, except for the groundwater produced from wells in the Brazos River Alluvium aquifer. The District maintains the discretion to require meters on wells in the Brazos River Alluvium aquifer. Permittee shall maintain records of withdrawal on the property where the well is located or at its business office, and shall make those records available to the District for inspection. The Permittee shall submit complete, accurate, and timely metered pumpage and transport reports to the District as requested.
- (5) The well site must be accessible to District representatives for inspection, and Permittee agrees to cooperate fully in any reasonable inspection of the well and well site by the District representatives.
- (6) The application pursuant to which this Permit has been issued is incorporated in this Permit, and this Permit is granted on the basis of and contingent upon the accuracy of the information supplied in that application. A finding that false information has been supplied is grounds for immediate revocation of the permit.
- (7) Violation of this Permit's terms, conditions, requirements, or special provisions, including pumping amounts in excess of authorized withdrawal, is punishable by civil penalties as provided by the District Rule 15.3, as well as revocation of the permit.
- (8) Permittee will use reasonable diligence to protect groundwater quality and will follow well-plugging guidelines at the time of well closure.

The issuance of this Permit does not grant to Permittee the right to use any private property, or any public property, for the production or conveyance of water. Neither does this permit authorize the invasion of any personal rights nor the violation of any federal, state, or local laws, rules or regulations. Further, the District makes no representations and shall have no responsibility with respect to the availability or quality of water authorized to be produced under this permit.

**Brazos Valley Groundwater Conservation District**

By: 

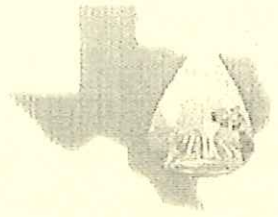
Alan M. Day, General Manager

9-14-15

Date

Permit No. BV-OP-0231

**Operating Permit**  
**Issued by the General Manager of the**  
**Brazos Valley Groundwater Conservation District**  
**Pursuant to District Rule 8.3(j)**



This **Operating Permit** is granted to **Union Pacific Railroad** (Permittee) authorizing the Permittee to operate a water well known as **Mumford 6** ("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 30.750201° and W 96.582923°** to produce water from the **Brazos River Alluvium Aquifer** at an annual maximum capacity not to exceed **500 GPM** and a maximum annual production of **150 acre feet/year**.

**Operating Permit Term:**

- (a) The operating permit is effective for a one-year term. At the end of the one-year term, the permit may be renewed by the General Manager for an additional 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.
- (b) 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, 2015.

**Special Provisions/Notes: None**

This Permit is granted subject to these Rules, orders of the Board, and the laws of the State of Texas. In addition to any special provisions or other requirements incorporated into the permit issued by the District.

- (1) This Permit is granted in accordance with provisions of the Rules of the District, including amendments, and acceptance of this Permit constitutes an acknowledgment and agreement that Permittee will comply with the Rules of the District.
- (2) This Permit confers only the right to operate the permitted well under the provisions of the District Rules and its terms may be modified or amended pursuant to the provisions of those Rules. To protect the permit holder from the illegal use of a new landowner, within ten (10) days after the date of sale of property containing a well having been issued an operating permit, the operating permit holder must notify the District in writing of the name of the new owner. Any person who becomes the owner of a currently permitted well must, within forty-five (45) calendar days from the date of the change in ownership, file an application for a permit amendment to affect a transfer of the permit.
- (3) The operation of the well for the authorized purposes must be conducted in a non-wasteful manner.
- (4) All groundwater production from non-exempt wells in the District is required to be metered, except for the groundwater produced from wells in the Brazos River Alluvium aquifer. The District maintains the discretion to require meters on wells in the Brazos River Alluvium aquifer. Permittee shall maintain records of withdrawal on the property where the well is located or at its business office, and shall make those records available to the District for inspection. The Permittee shall submit complete, accurate, and timely metered pumpage and transport reports to the District as requested.
- (5) The well site must be accessible to District representatives for inspection, and Permittee agrees to cooperate fully in any reasonable inspection of the well and well site by the District representatives.
- (6) The application pursuant to which this Permit has been issued is incorporated in this Permit, and this Permit is granted on the basis of and contingent upon the accuracy of the information supplied in that application. A finding that false information has been supplied is grounds for immediate revocation of the permit.
- (7) Violation of this Permit's terms, conditions, requirements, or special provisions, including pumping amounts in excess of authorized withdrawal, is punishable by civil penalties as provided by the District Rule 15.3, as well as revocation of the permit.
- (8) Permittee will use reasonable diligence to protect groundwater quality and will follow well-plugging guidelines at the time of well closure.

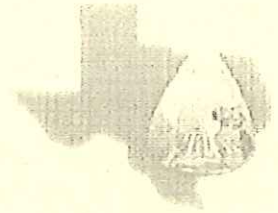
The issuance of this Permit does not grant to Permittee the right to use any private property, or any public property, for the production or conveyance of water. Neither does this permit authorize the invasion of any personal rights nor the violation of any federal, state, or local laws, rules or regulations. Further, the District makes no representations and shall have no responsibility with respect to the availability or quality of water authorized to be produced under this permit.

**Brazos Valley Groundwater Conservation District**

By:  9-14-15  
Alan M. Day, General Manager Date

Permit No. BV-OP-0232

**Operating Permit**  
**Issued by the General Manager of the**  
**Brazos Valley Groundwater Conservation District**  
**Pursuant to District Rule 8.3(j)**



This **Operating Permit** is granted to **Union Pacific Railroad** (Permittee) authorizing the Permittee to operate a water well known as **Mumford 18** ("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 30.758952° and W 96.585815°** to produce water from the **Brazos River Alluvium Aquifer** at an annual maximum capacity not to exceed **500 GPM** and a maximum annual production of **150 acre feet/year**.

**Operating Permit Term:**

- (a) The operating permit is effective for a one-year term. At the end of the one-year term, the permit may be renewed by the General Manager for an additional 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.
- (b) 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, 2015.

**Special Provisions/Notes: None**

This Permit is granted subject to these Rules, orders of the Board, and the laws of the State of Texas. In addition to any special provisions or other requirements incorporated into the permit issued by the District.

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- (2) This Permit confers only the right to operate the permitted well under the provisions of the District Rules and its terms may be modified or amended pursuant to the provisions of those Rules. To protect the permit holder from the illegal use of a new landowner, within ten (10) days after the date of sale of property containing a well having been issued an operating permit, the operating permit holder must notify the District in writing of the name of the new owner. Any person who becomes the owner of a currently permitted well must, within forty-five (45) calendar days from the date of the change in ownership, file an application for a permit amendment to affect a transfer of the permit.
- (3) The operation of the well for the authorized purposes must be conducted in a non-wasteful manner.
- (4) All groundwater production from non-exempt wells in the District is required to be metered, except for the groundwater produced from wells in the Brazos River Alluvium aquifer. The District maintains the discretion to require meters on wells in the Brazos River Alluvium aquifer. Permittee shall maintain records of withdrawal on the property where the well is located or at its business office, and shall make those records available to the District for inspection. The Permittee shall submit complete, accurate, and timely metered pumpage and transport reports to the District as requested.
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**Brazos Valley Groundwater Conservation District**

By: 

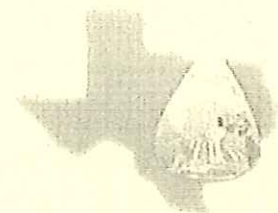
Alan M. Day, General Manager

9-14-15  
Date



Permit No. BV-OP-0233

**Operating Permit**  
**Issued by the General Manager of the**  
**Brazos Valley Groundwater Conservation District**  
**Pursuant to District Rule 8.3(j)**



This **Operating Permit** is granted to **Union Pacific Railroad** (Permittee) authorizing the Permittee to operate a water well known as **Mumford 19** ("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 30.758128° and W 96.586898°** to produce water from the **Brazos River Alluvium Aquifer** at an annual maximum capacity not to exceed **500 GPM** and a maximum annual production of **150 acre feet/year**.

**Operating Permit Term:**

- (a) The operating permit is effective for a one-year term. At the end of the one-year term, the permit may be renewed by the General Manager for an additional 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.
- (b) 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, 2015.

**Special Provisions/Notes: None**

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- (3) The operation of the well for the authorized purposes must be conducted in a non-wasteful manner.
- (4) All groundwater production from non-exempt wells in the District is required to be metered, except for the groundwater produced from wells in the Brazos River Alluvium aquifer. The District maintains the discretion to require meters on wells in the Brazos River Alluvium aquifer. Permittee shall maintain records of withdrawal on the property where the well is located or at its business office, and shall make those records available to the District for inspection. The Permittee shall submit complete, accurate, and timely metered pumpage and transport reports to the District as requested.
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**Brazos Valley Groundwater Conservation District**

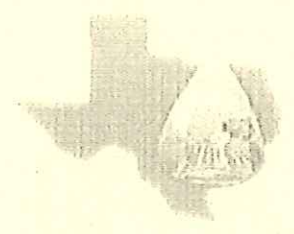
By: \_\_\_\_\_

Alan M. Day, General Manager

9-14-15  
Date

Permit No. BV-OP-0234

**Operating Permit**  
**Issued by the General Manager of the**  
**Brazos Valley Groundwater Conservation District**  
**Pursuant to District Rule 8.3(j)**



This **Operating Permit** is granted to **Union Pacific Railroad** (Permittee) authorizing the Permittee to operate a water well known as **Mumford 22** ("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 30.765291° and W 96.587653°** to produce water from the **Brazos River Alluvium Aquifer** at an annual maximum capacity not to exceed **500 GPM** and a maximum annual production of **150 acre feet/year**.

**Operating Permit Term:**

- (a) The operating permit is effective for a one-year term. At the end of the one-year term, the permit may be renewed by the General Manager for an additional 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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  - (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, 2015.

**Special Provisions/Notes: None**

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- (3) The operation of the well for the authorized purposes must be conducted in a non-wasteful manner.
- (4) All groundwater production from non-exempt wells in the District is required to be metered, except for the groundwater produced from wells in the Brazos River Alluvium aquifer. The District maintains the discretion to require meters on wells in the Brazos River Alluvium aquifer. Permittee shall maintain records of withdrawal on the property where the well is located or at its business office, and shall make those records available to the District for inspection. The Permittee shall submit complete, accurate, and timely metered pumpage and transport reports to the District as requested.
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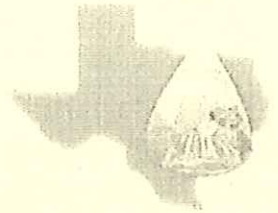
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**Brazos Valley Groundwater Conservation District**

By:  9-14-15  
Alan M. Day, General Manager Date

Permit No. BV-OP-0235

**Operating Permit**  
**Issued by the General Manager of the**  
**Brazos Valley Groundwater Conservation District**  
**Pursuant to District Rule 8.3(j)**



This **Operating Permit** is granted to **Union Pacific Railroad** (Permittee) authorizing the Permittee to operate a water well known as **Mumford 23** ("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 30.766459° and W 96.586217°** to produce water from the **Brazos River Alluvium Aquifer** at an annual maximum capacity not to exceed **500 GPM** and a maximum annual production of **150 acre feet/year**.

**Operating Permit Term:**

- (a) The operating permit is effective for a one-year term. At the end of the one-year term, the permit may be renewed by the General Manager for an additional 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 September 14, 2015.

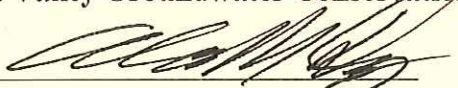
**Special Provisions/Notes: None**

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- (1) This Permit is granted in accordance with provisions of the Rules of the District, including amendments, and acceptance of this Permit constitutes an acknowledgment and agreement that Permittee will comply with the Rules of the District.
- (2) This Permit confers only the right to operate the permitted well under the provisions of the District Rules and its terms may be modified or amended pursuant to the provisions of those Rules. To protect the permit holder from the illegal use of a new landowner, within ten (10) days after the date of sale of property containing a well having been issued an operating permit, the operating permit holder must notify the District in writing of the name of the new owner. Any person who becomes the owner of a currently permitted well must, within forty-five (45) calendar days from the date of the change in ownership, file an application for a permit amendment to affect a transfer of the permit.
- (3) The operation of the well for the authorized purposes must be conducted in a non-wasteful manner.
- (4) All groundwater production from non-exempt wells in the District is required to be metered, except for the groundwater produced from wells in the Brazos River Alluvium aquifer. The District maintains the discretion to require meters on wells in the Brazos River Alluvium aquifer. Permittee shall maintain records of withdrawal on the property where the well is located or at its business office, and shall make those records available to the District for inspection. The Permittee shall submit complete, accurate, and timely metered pumpage and transport reports to the District as requested.
- (5) The well site must be accessible to District representatives for inspection, and Permittee agrees to cooperate fully in any reasonable inspection of the well and well site by the District representatives.
- (6) The application pursuant to which this Permit has been issued is incorporated in this Permit, and this Permit is granted on the basis of and contingent upon the accuracy of the information supplied in that application. A finding that false information has been supplied is grounds for immediate revocation of the permit.
- (7) Violation of this Permit's terms, conditions, requirements, or special provisions, including pumping amounts in excess of authorized withdrawal, is punishable by civil penalties as provided by the District Rule 15.3, as well as revocation of the permit.
- (8) Permittee will use reasonable diligence to protect groundwater quality and will follow well-plugging guidelines at the time of well closure.

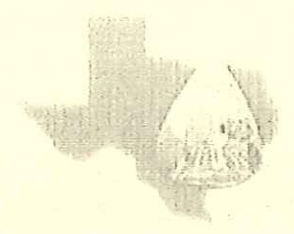
The issuance of this Permit does not grant to Permittee the right to use any private property, or any public property, for the production or conveyance of water. Neither does this permit authorize the invasion of any personal rights nor the violation of any federal, state, or local laws, rules or regulations. Further, the District makes no representations and shall have no responsibility with respect to the availability or quality of water authorized to be produced under this permit.

**Brazos Valley Groundwater Conservation District**

By:  9-14-15  
Alan M. Day, General Manager Date

Permit No. BV-OP-0236

**Operating Permit**  
**Issued by the General Manager of the**  
**Brazos Valley Groundwater Conservation District**  
**Pursuant to District Rule 8.3(j)**



This **Operating Permit** is granted to **Union Pacific Railroad** (Permittee) authorizing the Permittee to operate a water well known as **Mumford 25** ("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 30.767230° and W 96.592895°** to produce water from the **Brazos River Alluvium Aquifer** at an annual maximum capacity not to exceed **500 GPM** and a maximum annual production of **150 acre feet/year**.

**Operating Permit Term:**

- (a) The operating permit is effective for a one-year term. At the end of the one-year term, the permit may be renewed by the General Manager for an additional 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.
- (b) 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, 2015.

**Special Provisions/Notes: None**

This Permit is granted subject to these Rules, orders of the Board, and the laws of the State of Texas. In addition to any special provisions or other requirements incorporated into the permit issued by the District.

- (1) This Permit is granted in accordance with provisions of the Rules of the District, including amendments, and acceptance of this Permit constitutes an acknowledgment and agreement that Permittee will comply with the Rules of the District.
- (2) This Permit confers only the right to operate the permitted well under the provisions of the District Rules and its terms may be modified or amended pursuant to the provisions of those Rules. To protect the permit holder from the illegal use of a new landowner, within ten (10) days after the date of sale of property containing a well having been issued an operating permit, the operating permit holder must notify the District in writing of the name of the new owner. Any person who becomes the owner of a currently permitted well must, within forty-five (45) calendar days from the date of the change in ownership, file an application for a permit amendment to affect a transfer of the permit.
- (3) The operation of the well for the authorized purposes must be conducted in a non-wasteful manner.
- (4) All groundwater production from non-exempt wells in the District is required to be metered, except for the groundwater produced from wells in the Brazos River Alluvium aquifer. The District maintains the discretion to require meters on wells in the Brazos River Alluvium aquifer. Permittee shall maintain records of withdrawal on the property where the well is located or at its business office, and shall make those records available to the District for inspection. The Permittee shall submit complete, accurate, and timely metered pumpage and transport reports to the District as requested.
- (5) The well site must be accessible to District representatives for inspection, and Permittee agrees to cooperate fully in any reasonable inspection of the well and well site by the District representatives.
- (6) The application pursuant to which this Permit has been issued is incorporated in this Permit, and this Permit is granted on the basis of and contingent upon the accuracy of the information supplied in that application. A finding that false information has been supplied is grounds for immediate revocation of the permit.
- (7) Violation of this Permit's terms, conditions, requirements, or special provisions, including pumping amounts in excess of authorized withdrawal, is punishable by civil penalties as provided by the District Rule 15.3, as well as revocation of the permit.
- (8) Permittee will use reasonable diligence to protect groundwater quality and will follow well-plugging guidelines at the time of well closure.

The issuance of this Permit does not grant to Permittee the right to use any private property, or any public property, for the production or conveyance of water. Neither does this permit authorize the invasion of any personal rights nor the violation of any federal, state, or local laws, rules or regulations. Further, the District makes no representations and shall have no responsibility with respect to the availability or quality of water authorized to be produced under this permit.

**Brazos Valley Groundwater Conservation District**

By: \_\_\_\_\_

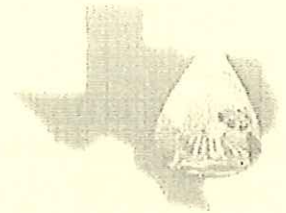
Alan M. Day, General Manager

9-14-15  
Date



Permit No. BV-OP-0237

**Operating Permit**  
**Issued by the General Manager of the**  
**Brazos Valley Groundwater Conservation District**  
**Pursuant to District Rule 8.3(j)**



This **Operating Permit** is granted to **Union Pacific Railroad** (Permittee) authorizing the Permittee to operate a water well known as **Mumford 69** ("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 30.839957° and W 96.636555°** to produce water from the **Brazos River Alluvium Aquifer** at an annual maximum capacity not to exceed **500 GPM** and a maximum annual production of **150 acre feet/year**.

**Operating Permit Term:**

- (a) The operating permit is effective for a one-year term. At the end of the one-year term, the permit may be renewed by the General Manager for an additional 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.
- (b) 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, 2015.

**Special Provisions/Notes: None**

This Permit is granted subject to these Rules, orders of the Board, and the laws of the State of Texas. In addition to any special provisions or other requirements incorporated into the permit issued by the District.

- (1) This Permit is granted in accordance with provisions of the Rules of the District, including amendments, and acceptance of this Permit constitutes an acknowledgment and agreement that Permittee will comply with the Rules of the District.
- (2) This Permit confers only the right to operate the permitted well under the provisions of the District Rules and its terms may be modified or amended pursuant to the provisions of those Rules. To protect the permit holder from the illegal use of a new landowner, within ten (10) days after the date of sale of property containing a well having been issued an operating permit, the operating permit holder must notify the District in writing of the name of the new owner. Any person who becomes the owner of a currently permitted well must, within forty-five (45) calendar days from the date of the change in ownership, file an application for a permit amendment to affect a transfer of the permit.
- (3) The operation of the well for the authorized purposes must be conducted in a non-wasteful manner.
- (4) All groundwater production from non-exempt wells in the District is required to be metered, except for the groundwater produced from wells in the Brazos River Alluvium aquifer. The District maintains the discretion to require meters on wells in the Brazos River Alluvium aquifer. Permittee shall maintain records of withdrawal on the property where the well is located or at its business office, and shall make those records available to the District for inspection. The Permittee shall submit complete, accurate, and timely metered pumpage and transport reports to the District as requested.
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- (6) The application pursuant to which this Permit has been issued is incorporated in this Permit, and this Permit is granted on the basis of and contingent upon the accuracy of the information supplied in that application. A finding that false information has been supplied is grounds for immediate revocation of the permit.
- (7) Violation of this Permit's terms, conditions, requirements, or special provisions, including pumping amounts in excess of authorized withdrawal, is punishable by civil penalties as provided by the District Rule 15.3, as well as revocation of the permit.
- (8) Permittee will use reasonable diligence to protect groundwater quality and will follow well-plugging guidelines at the time of well closure.

The issuance of this Permit does not grant to Permittee the right to use any private property, or any public property, for the production or conveyance of water. Neither does this permit authorize the invasion of any personal rights nor the violation of any federal, state, or local laws, rules or regulations. Further, the District makes no representations and shall have no responsibility with respect to the availability or quality of water authorized to be produced under this permit.

**Brazos Valley Groundwater Conservation District**

By: \_\_\_\_\_

Alan M. Day, General Manager

9-14-15  
Date

## Alan Day

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**From:** Christopher B. Kelly <cbkelly@up.com>  
**Sent:** Friday, September 11, 2015 2:26 PM  
**To:** Alan Day  
**Cc:** Stephen J. Sand; dwiberg@ceno-zoic.com  
**Subject:** Union Pacific Railroad Company - Operating Application; request to void current historic use permits  
**Attachments:** UPRR Mumford BVGCD Permit Application ATTACHMENT A.xlsx; Drilling or Operating Application 090915.pdf

Dear Mr. Day,

Union Pacific Railroad Company, in order to facilitate the processing and approval of the operating permits that we are currently seeking for the attached well list, hereby requests that the historic use permits held by Union Pacific Railroad Company for these water wells be voided. It is our understanding that this action is necessary to enable issuance of the new operating permits for these wells.

Thank you,

Chris Kelly

*(See attached file: UPRR Mumford BVGCD Permit Application ATTACHMENT A.xlsx)(See attached file: Drilling or Operating Application 090915.pdf)*

Chris Kelly  
Assistant General Attorney  
Union Pacific Railroad Company  
1400 Douglas Street, Stop 1580  
Omaha, NE 68179  
Phone: (402) 544-4035  
[cbkelly@up.com](mailto:cbkelly@up.com)

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**Permit No. BV-DO-0198**

**Operating Permit  
Issued by the General Manager of the  
Brazos Valley Groundwater Conservation District  
Pursuant to District Rule 8.3(j)**



This **Operating Permit** is granted to **Carl Cotropia** (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** use. Permittee is authorized to operate the Well located at **N 30.797020° and W 96.607147°** to produce water from the **Brazos River Alluvium Aquifer** at an annual maximum capacity not to exceed **600 GPM** and a maximum annual production of **82 acre feet/year**.

**Operating Permit Term:**

- (a) The operating permit is effective for a one-year term. At the end of the one-year term, the permit may be renewed by the General Manager for an additional 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.
- (b) 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 16, 2015.

**Special Provisions/Notes:**

The production from the Well may be aggregated with production from Permittee's Historic Use permits (BVHU-0032, BVHU-0033, BVHU-0034, BVHU-0035, BVHU-0036, BVHU-0037, BVHU-0505, BVHU-0506) so that the combined permitted amount from wells may be pumped from either well, or split between the wells, as circumstances may require as allowed by District Rule. The production amount is in addition to the 445 acre feet/year granted under Historic Use Permits that are also in effect, totaling a maximum annual production for the wells under all permits to be 527 acre feet/year.

This Permit is granted subject to these Rules, orders of the Board, and the laws of the State of Texas. In addition to any special provisions or other requirements incorporated into the permit issued by the District.

- (1) This Permit is granted in accordance with provisions of the Rules of the District, including amendments, and acceptance of this Permit constitutes an acknowledgment and agreement that Permittee will comply with the Rules of the District.
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The issuance of this Permit does not grant to Permittee the right to use any private property, or any public property, for the production or conveyance of water. Neither does this permit authorize the invasion of any personal rights nor the violation of any federal, state, or local laws, rules or regulations. Further, the District makes no representations and shall have no responsibility with respect to the availability or quality of water authorized to be produced under this permit.

**Brazos Valley Groundwater Conservation District**

By: \_\_\_\_\_

Alan M. Day, General Manager

9-16-15  
Date

**Worksheet for a Drilling/Operating Permit**

**Carl Cotropia Well #2**

**Carl Cotropia seeks a Drilling/Operating Permit for the purpose of:**

- **Agricultural Irrigation - 41 acres field crops**

**Proposed Well #2**

**Located at: N 30.797020° W 96.607147° 0.80 miles S of the intersection of FM 50 and Muse Road in Robertson County**

**Beneficial Use: Agricultural Irrigation**

**Aquifer of Origin: Brazos River Alluvium**

**Well Column: 16"**

**Rate of Production: 600 gpm**

**Max. Annual Production: 82 acre feet/year.**

**This well replaces an irrigation well (BVHU-0032) sold to Union Pacific Railroad. The original permitted production was 120 acre feet/year. Sale of the portion of the irrigated acreage was deducted to calculate acreage to be irrigated under the new permit.**

**Application is administratively complete.**

**The permit was issued by the General Manager on 9-16-15 pursuant to District Rule 8.3(j).**