



# Texas Commission on Environmental Quality

PO Box 13087, MC-160, Austin, Texas 78711-3087  
Telephone (512) 239-4691, FAX (512) 239-4770

## APPLICATION FOR AMENDMENT TO A WATER RIGHT

RECEIVED  
TCEQ  
WATER DIV.  
JUL 17 3 50 PM '10

**Notice:** This form will not be processed until all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and Penalty Protocol.

Customer Reference Number (if issued): CN 600253637

Note: If you do not have a Customer Reference Number, complete Section II of the Core Data Form (TCEQ-10400) and submit it with this application.

1. Name: Lower Colorado River Authority (Attn: David Wheelock)  
Address: 3700 Lake Austin Blvd  
Austin, Texas 78703  
Phone Number: (512) 730-6822 Fax Number: (512) 473-3529  
Email Address: david.wheelock@lcra.org

2. Applicant owes fees or penalties?  
 Yes  No  
If yes, provide the amount and the nature of the fee or penalty as well as any identifying number:  
N/A

3.  Permit No. 5677  Certificate of Adjudication No. \_\_\_\_\_  
Stream: River Watershed: Colorado  
Reservoir (present condition, if one exists): Lakes Buchanan and Travis  
County: Travis and Williamson

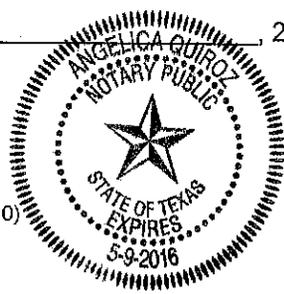
4. Proposed Changes To Water Right Authorizations:  
This application specifically seeks authorization to capture, convey, transfer, and reuse in the Colorado River basin and the City of Leander's service area in the Brazos River basin all of the wastewater effluent and return water created by the use of water authorized under Permit No. 5677, as amended by LCRA's separate and earlier-filed application. This application requests authorization to reuse historically discharged return flows derived from Permit No. 5677, as well as any return flows derived from additional water that may be diverted under Permit No. 5677, as amended, in the future. See ATTACHMENT for additional supplemental information related to this amendment.  
(Attach additional page as necessary, attach map/plat depicting project location, diversion point, place of use, and other pertinent data).

5. I understand the Agency may require additional information in regard to the requested amendment before considering this application.

[Signature]  
Name (sign)  
Henry Eby  
Name (print)

\_\_\_\_\_  
Name (sign)  
\_\_\_\_\_  
Name (print)

Subscribed and sworn to me as being true and correct before me this 24<sup>th</sup> day of July, 2012



[Signature]  
Notary Public, State of Texas

## Supplemental Diversion Point Information Sheet

Diversion Point No. 1

1) Watercourse: Brushy Creek, tributary to the San Gabriel River, Little River, Brazos River

Location of point of diversion at Latitude 30.526635 °N, Longitude 97.617019 °W, also, bearing 169 ° 9655.22 feet (distance) from the SW corner of the Marshall Original Survey No. \_\_\_\_\_, Abstract No. A-409, in

Williamson County, Texas. (Provide the latitude and longitude coordinates in decimal degrees, to at least six decimal places. Indicate the method used to calculate the diversion point location).

3) Location from County Seat: 8.14 miles in a SSE direction from Georgetown, Williamson County, Texas.

Location from nearby town (if other than County Seat): 3.9 miles in a ENE direction from Round Rock, a nearby town shown on county highway map.

4) Zip Code: \_\_\_\_\_

5) The diversion will be (check (√) all appropriate boxes and if applicable, indicate whether existing or proposed):

X	Directly from stream	Existing	Proposed
<input type="checkbox"/>	From an on-channel reservoir		
<input type="checkbox"/>	From a stream to an off-channel reservoir		
<input type="checkbox"/>	From a stream to an on-channel reservoir		
<input type="checkbox"/>	From an off-channel reservoir		
<input type="checkbox"/>	Other method (explain fully, use additional sheets if necessary)		

6) Rate of Diversion (Check (√) applicable provision):

x 1. Diversion Facility:

A. \_\_\_\_\_ Maximum gpm (gallons per minute)

1) \_\_\_\_\_ Number of pumps

2) \_\_\_\_\_ Type of pump

3) \_\_\_\_\_ gpm, Pump capacity of each pump

4) Portable pump \_\_\_\_\_ Yes or \_\_\_\_\_ No

\_\_\_\_ 2. If by gravity:

A. \_\_\_\_\_ Headgate \_\_\_\_\_ Diversion Dam \_\_\_\_\_ Maximum gpm

B. \_\_\_\_\_ Other method (explain fully - use additional sheets if necessary)

7) The drainage area above the diversion point is 90060 acres or 140.72 square miles.



## Supplemental Discharge Point Information Sheet

Discharge Point No. or Name: 10264-001 Brushy Creek Regional WWTP (West Plant)

1) Select the appropriate box for the source of water being discharged:

Treated effluent

Groundwater

Other \_\_\_\_\_

2) Location of discharge point will be/is at Latitude 30.515755 ° N, Longitude 97.665007 ° W,

also bearing 174 ° \_\_\_\_\_, \_\_\_\_\_ feet from the SW corner of the Holden

Original Survey No. \_\_\_\_\_, Abstract No. A-297, in Williamson County, Texas.

Provide the latitude and longitude coordinates in decimal degrees, to at least six decimal places, and indicate the method used to calculate the diversion point location. (i.e., GPS Unit, USGS 7.5 Topographic Map, etc.)

GIS System, WGS 84 datum

3) Location from County Seat: 8.09 miles in a South direction from Georgetown,  
Williamson County, Texas.

Location from nearby town (if other than County Seat): 0.98 miles in a North East  
direction from Round Rock, a nearby town shown on county highway map.

4) Zip Code: \_\_\_\_\_

5) Water will be discharged into Brushy Creek stream/reservoir,  
(tributaries) tributary to San Gabriel River, Little River,  
Brazos River Basin.

6) Water will be discharged at a maximum rate of 13.925 cfs (6250 gpm).

7) The amount of water that will be discharged is 3360 acre-feet per year.

8) The purpose of use for the water being discharged will be for any beneficial use authorized under the base water right, including but not limited to: municipal, industrial, agricultural, recreation, instream uses, bay/estuary, recharge, hydroelectric, mining, and domestic and livestock.

9) Additional information required:

For groundwater

1. Provide water quality analysis and 24 hour pump test for the well if one has been conducted.
2. Locate and label the groundwater well(s) on a USGS 7.5 Minute Topographic Map
3. Provide a copy of the groundwater well permit if it is located in a Groundwater Conservation District.
4. What aquifer the water is being pumped from?

For treated effluent

1. What is the TPDES Permit Number? Provide a copy of the permit.
2. Provide the monthly discharge data for the past 5 years.
3. What % of treated water was groundwater, surface water?
4. If any original water is surface water, provide the base water right number.

## Supplemental Discharge Point Information Sheet

Discharge Point No. or Name: 10264-001 Brushy Creek Regional WWTP (East Plant)

1) Select the appropriate box for the source of water being discharged:

Treated effluent

Groundwater

Other \_\_\_\_\_

2) Location of discharge point will be/is at Latitude 30.526635 ° N, Longitude 97.617019 °W,  
also bearing 169 ° \_\_\_\_\_ feet from the SW corner of the Marshall

Original Survey No. \_\_\_\_\_, Abstract No. A-409, in Williamson County, Texas.

Provide the latitude and longitude coordinates in decimal degrees, to at least six decimal places, and indicate the method used to calculate the diversion point location. (i.e., GPS Unit, USGS 7.5 Topographic Map, etc.)

GIS System, WGS 84 datum

3) Location from County Seat: 8.14 miles in a SSE direction from Georgetown,  
Williamson County, Texas.

Location from nearby town (if other than County Seat): 3.9 miles in a ENE  
direction from Round Rock, a nearby town shown on county highway map.

4) Zip Code: \_\_\_\_\_

5) Water will be discharged into Brushy Creek stream/reservoir,  
(tributaries) tributary to San Gabriel River, Little River,  
Brazos River Basin.

6) Water will be discharged at a maximum rate of 47.498 cfs (21319 gpm).

7) The amount of water that will be discharged is 13216 acre-feet per year.

8) The purpose of use for the water being discharged will be for any beneficial use authorized under the base water right, including but not limited to: municipal, industrial, agricultural, recreation, instream uses, bay/estuary, recharge, hydroelectric, mining, and domestic and livestock.

9) Additional information required:

For groundwater

1. Provide water quality analysis and 24 hour pump test for the well if one has been conducted.
2. Locate and label the groundwater well(s) on a USGS 7.5 Minute Topographic Map
3. Provide a copy of the groundwater well permit if it is located in a Groundwater Conservation District.
4. What aquifer the water is being pumped from?

For treated effluent

1. What is the TPDES Permit Number? Provide a copy of the permit.
2. Provide the monthly discharge data for the past 5 years.
3. What % of treated water was groundwater, surface water?
4. If any original water is surface water, provide the base water right number.

## Supplemental Discharge Point Information Sheet

Discharge Point No. or Name: 12644-001 City of Leander

1) Select the appropriate box for the source of water being discharged:

Treated effluent

Groundwater

Other \_\_\_\_\_

2) Location of discharge point will be/is at Latitude 30.581861 ° N, Longitude 97.839735 ° W,  
also bearing 152 ° 11743.88 feet from the SW corner of the Harmon, E D

Original Survey No. \_\_\_\_\_, Abstract No. A-6, in Williamson County, Texas.

Provide the latitude and longitude coordinates in decimal degrees, to at least six decimal places, and indicate the method used to calculate the diversion point location. (i.e., GPS Unit, USGS 7.5 Topographic Map, etc.)

GIS System, WGS 84 Datum

3) Location from County Seat: 10.29 miles in a WSW direction from Georgetown,  
Williamson County, Texas.

Location from nearby town (if other than County Seat): 0.89 miles in a ENE  
direction from Leander, a nearby town shown on county highway map.

4) Zip Code: \_\_\_\_\_

5) Water will be discharged into Brushy Creek stream/reservoir,  
(tributaries) tributary to San Gabriel River, Little River,  
Brazos River Basin.

6) Water will be discharged at a maximum rate of 10.444 cfs ( 4688 gpm).

7) The amount of water that will be discharged is 2520 acre-feet per year.

8) The purpose of use for the water being discharged will be for any beneficial use authorized under the base water right, including but not limited to: municipal, industrial, agricultural, recreation, instream uses, bay/estuary, recharge, hydroelectric, mining, and domestic and livestock.

9) Additional information required:

For groundwater

1. Provide water quality analysis and 24 hour pump test for the well if one has been conducted.
2. Locate and label the groundwater well(s) on a USGS 7.5 Minute Topographic Map
3. Provide a copy of the groundwater well permit if it is located in a Groundwater Conservation District.
4. What aquifer the water is being pumped from?

For treated effluent

1. What is the TPDES Permit Number? Provide a copy of the permit.
2. Provide the monthly discharge data for the past 5 years.
3. What % of treated water was groundwater, surface water?
4. If any original water is surface water, provide the base water right number.

