

(SECTION 11.121, 11.042, 11.085 11.143, TEXAS WATER CODE)
TAC CHAPTERS 30, 50, 281, 287, 288, 295, 297 AND 298

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(if including a check, mail directly to P.O. Box 13088, Austin, TX 78711-3088)

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.

A. Applicant Name(s): Jackson Water Farm, LLC
Mailing Address: 9701 Pozos Lane
Conroe, Texas 77303
Telephone Number: 936-539-1688 Fax Number: 936-494-4332
Email Address: trj@tech-flo.net

B. Customer Reference Number (if issued): CN

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.

C. Fees and Penalties

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:

D. Lienholder Information

Provide this information on the holder of any liens on any land to which the water right would be appurtenant):

The First State Bank of Huntsville

A. Type of Storage Reservoir (indicate by checking (✓) all applicable)

on-channel off-channel existing structure proposed structure* exempt structure**

* Applicant shall provide a copy of the notice that was mailed to each member of the governing body of each county and municipality in which the reservoir, or any part of the reservoir, will be located as well as copies of the certified mailing cards.

** TWC Section 11.143 for uses of water for other than domestic, livestock, or fish and wildlife from an existing, exempt reservoir with a capacity of 200 acre-feet or less. Please complete Paragraph 6 below if proceeding under TWC 11.143.

Date of Construction: October 2010 - March 2011

B. Location of Structure No. 1 (Pond 3)

- 1) Watercourse: Unnamed tributary of Blue Creek, a tributary of Attoyac Bayou in Segment 0612 of the Neches River Basin.
- 2) Location from County Seat: 7.96 miles in a W direction from San Augustine,
San Augustine County, Texas.
Location from nearby town (if other than County Seat): 6.95 miles in a ENE direction
from Chireno (Nacogdoches County), a nearby town
shown on county highway map.
- 3) Zip Code: 75972
- 4) The dam will be/is located in the Ezekial W. Brown Original Survey No. _____,
Abstract No. A-57 in San Augustine County, Texas.
- 5) Station 1 on the centerline of the dam is S 30.21° W (bearing), 1795 feet
(distance) from the NE corner of Ezekial W. Brown Original Survey
No. _____, Abstract No. A-57, in San Augustine County,
Texas, also being at Latitude 31.533009 °N, Longitude 94.241093 °W.

Google Earth Pro WGS-84

C. Reservoir:

- 1) Acre-feet of water impounded by structure at normal maximum operating level: 103.11
- 2) Surface area in acres of reservoir at normal maximum operating level: 15.9

D. Drainage Area

The drainage area above the dam is 142.79 acres or 0.223 square miles.

E. Other

- 1) If this is a U.S. Natural Resources Conservation Service (NRCS) (formerly Soil Conservation Service (SCS)) floodwater-retarding structure, provide the Site No. N/A
and watershed project name _____
- 2) Do you request authorization to close the "ports" or "windows" in the service spillway?
 Yes No

A. Appropriated water will be used as follows:

	Purpose*	Place of Use	Acre-feet per year
1)	Well Development	Unconventional Oil & Gas Well Locations	800
2)			
3)			

*If agricultural use, list crops(s) to be irrigated:

N/A

B. Lands to be irrigated (if applicable): N/A

- 1) Applicant proposes to irrigate a total of _____ acres in any one year. This acreage is all of or part of a larger tract(s) which is described in a supplement attached to this application and contains a total of _____ acres in _____ County, Texas. A copy of the deed(s) describing the overall tract(s) with the recording information from the county records is attached.
- 2) Location of land to be irrigated: In the _____
Original Survey No. _____, Abstract No. _____.

C. Diversion Point No. DIV-1 On the perimeter of the reservoir (Pond 3)

- 1) Watercourse: Unnamed tributary of Blue Creek, a tributary of Attoyac Bayou in Segment 0612 of the Neches River Basin.
- 2) Location of point of diversion at Latitude 31.531891 °N, Longitude 94.238024 °W,

Approximate Center of the diversion point based on Google Earth WGS-84

also bearing S 0.03 ° E, 1950 feet
(distance) from the NE corner of the Ezekial W. Brown Original
Survey No. _____, Abstract No. A-57, San Augustine, County, Texas.

- 3) Location from County Seat: 7.6 miles in a W direction from
San Augustine, San Augustine County, Texas.
Location from nearby town (if other than County Seat): 7 miles in a ENE
direction from Chireno (Nacogdoches County), a nearby town shown on county
highway map.
- 4) Zip Code: 75972
- 5) The diversion will be (check (√) all appropriate boxes and if applicable, indicate whether existing or proposed):

	Directly from stream	Existing	Proposed
X	From an on-channel reservoir	Pond 3	
	From stream to an off-channel reservoir		
	From a stream to an on-channel reservoir		
	From an off-channel reservoir		
	Other method (explain fully, use additional sheets if necessary)		

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

√ 1. Diversion Facility: (See Attachments 1 and 2)

- A. _____ Maximum gpm (gallons per minute)
- B. _____ Number of pumps
- C. _____ Type of pump
- D. _____ gpm, Pump capacity of each pump

E. Portable pump Yes or No.

Number, type and capacity of pumps to be determined by the purchaser.

___2. If by gravity: (See Hydraulic Calculation Worksheet)

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 142.79 acres or 0.233 square miles.

D. Return Water or Return Flow

Water which is diverted but not consumed as a result of the above stated use, will be returned to

N/A Water diverted will not be returned _____, tributary of _____

_____, tributary of _____,

_____ Basin, at a point which is at Latitude _____

_____ °N, Longitude _____ °W, also, bearing

_____ ° (direction), _____ feet (distance) from the

_____ corner of the _____ Original Survey

No. _____, Abstract No. _____, in _____ County, Texas.

Zip Code: _____

Estimated _____ amount of return flow to said stream will be _____ acre-feet.

E. Surplus Water

Calculated using Google Earth (WGS-84)

Water which is diverted but not used beneficially will be returned to N/A Water diverted will not be returned

tributary of _____, _____ Basin at a point

which is at Latitude _____ °N, Longitude _____ °W, also

bearing _____ ° (direction), _____ feet

(distance) from the _____ corner of the _____ Original Survey

No. _____, Abstract No. _____, in _____ County, Texas.

Zip Code: _____

Calculated using Google Earth (WGS-84)

Discharge Point No. or Name: DIS-1 On the perimeter of the reservoir (Pond 3)

A. Select the appropriate box for the source of water being discharged:

Treated effluent

Groundwater

Other _____

B. Location of discharge point will be/is at Latitude 31.531891 ° N, Longitude 94.238024 °W,

also bearing S 0.03° E, 1,950 feet from the NE corner of the Ezekial W. Brown

Original Survey No. _____, Abstract No. A-57, in _____

San Augustine County, Texas.

What method was used to determine the Latitude and Longitude for the discharge point? (i.e., GPS Unit, USGS 7.5 Topographic Map, etc.)

Google Earth Pro (WGS-84)

- C. Location from County Seat: 7.96 miles in a W direction from San Augustine,
San Augustine County, Texas.
Location from nearby town (if other than County Seat): 6.95 miles in a ENE
direction from Chireno, a nearby town shown on county highway map.
- D. Zip Code: 75972
- E. Water will be discharged into Pond 3, a stream/reservoir,
(tributaries) on an unnamed tributary of Blue Creek a tributary of Attoyac Bayou in segment 0612 of the
Neches River Basin.
- F. Water will be discharged at a maximum rate of 1.1047 cfs (495.83 gpm).
- G. The amount of water that will be discharged is 875 acre-feet per year.
- H. The purpose of use for the water being discharged will be fresh water for use in oil & gas well development.
- I. Additional information required:

For groundwater

- 1) Provide water quality analysis and 24 hour pump test for the well if one has been conducted.
Water quality analysis is provided in Supplemental Information; 24-hour pumping test has not 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.
The project area is not located in a Groundwater Conservation District.
- 4) What aquifer the water is being pumped from? Carrizo and Wilcox Aquifers

For treated effluent N/A

- 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.

- A. The proposed _____ or existing X works will be (are) located on the land of George T. Jackson, Jr.
_____, whose mailing address is 1018 Elkins Lake, Huntsville, Texas 77340
- B. If an application for the appropriation is granted, either in whole or in part, construction works will
begin within Structures completed in December 2011 after such permit is issued. The proposed work will be
completed within N/A from the date the permit is issued.
- C. A Water Conservation Plan is attached? _____ Yes X No. Project is not a water supply.
- D. X Interbasin transfer is not requested.
____ Applicant requests authorization to transfer _____ acre-feet of water per year from the
_____ Basin to the _____ Basin of which

_____ acre-feet of water will be used for _____ purposes and
_____ acre-feet of water will be used for _____ purposes.

- E. Bed and Banks request to transfer 800 acre-feet of water per year within the bed and banks of an unnamed tributary of Blue Creek, tributary of Attoyac Bayou in Segment 0612 of the Neches River, _____ Basin.
- F. Is this project located within 200 river miles of the coast? Yes No Unknown

Yes No. Attach additional sheets.

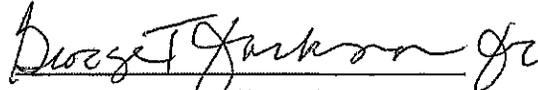
_____ The dam(s) and reservoir(s) shown on the attached application was (were) constructed for domestic and livestock purposes and I/we elect to seek a permit under Section 11.143 of the Texas Water Code.

Provide information describing how this application addresses a water supply need in a manner that is consistent with the state water plan or the applicable approved regional water plan for any area in which the proposed appropriation is located or, in the alternative, describe conditions that warrant a waiver of this requirement.

(Described in Sections H and I of Supplemental Information, Attached)

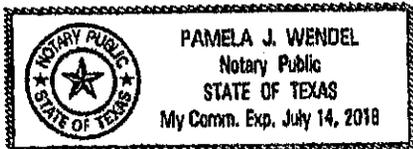

Applicant Name (Sign)

Mr. T. Roland Jackson
Applicant Name (Printed)


Applicant Name (Sign)

Mr. George T. Jackson, Jr.
Applicant Name (Printed)

SWORN TO AND SUBSCRIBED before me this 29th day of July, 2015.




Notary Public for the State of Texas