TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
APPLICATION FOR PERMIT TO APPROPRIATE STATE WATER
(SECTION 11.121, 11.042, 11.085 **OR** 11.143, TEXAS WATER CODE)
TAC CHAPTERS 30, 50, 281, 287, 288, 295, 297 AND 299
Water Supply Division, Water Rights Permitting MC-160
P.O. Box 13087
Austin, Texas 78711-3087
Telephone (512) 239-4691, FAX (512) 239-4770
(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..

1. Applicant Information. Richard Harrison Double D Farm

A. Applicant Name(s): SUSAN HARRISON DUNS 079997614

Mailing Address: 2407 Country PLACE DR (GDD7T)
Richmond TX 77406

Telephone Number: 281-341-5606 Fax Number:

Email Address: Sharrison@unidial.com

B. Customer Reference Number (if issued): CN NA

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):
None Known

2. Dam (structure), Reservoir and Watercourse Data.

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: To be determined

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B. Location of Structure No. _____ Drainage from grass-lar.

1) Watercourse: Ditch on property - water after rains

2) Location from County Seat: 20 miles in a SW direction from Wharton _____ County, Texas.

Location from nearby town (if other than County Seat): _____ miles in a _____ direction from El Campo, Texas, a nearby town shown on county highway map. 1 mile New Tation, Texas

3) Zip Code: 77437

4) The dam will be/is located in the RE Allen Survey Original Survey No. #14, Abstract No. 494 in Wharton County, Texas.

5) Station _____ on the centerline of the dam is TBD° _____ (bearing), _____ feet (distance) from the _____ corner of _____ Original Survey No. 14, Abstract No. 494, in Wharton County, Texas, also being at Latitude 29.318914 °N, Longitude -96.359427 °W.

NA

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. To be determined

C. Reservoir:

1) Acre-feet of water impounded by structure at normal maximum operating level: NA

2) Surface area in acres of reservoir at normal maximum operating level: _____

D. Drainage Area

The drainage area above the dam is NA acres or _____ 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. ☒ and watershed project name _____.

2) Do you request authorization to close the "ports" or "windows" in the service spillway?

☐ Yes ☒ No

3. Appropriation/Diversion Request (total amount of water needed, including maximum projected uses and accounting for evaporative losses for off-channel storage, if applicable).

A. Appropriated water will be used as follows:

	Purpose*	Place of Use	Acre-feet per year
1)	IRRIGATION	Water Pecantrees	unknown how
2)		Recycle water run	much water will
3)		off, Grass for Cattle	be available

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

Pecan Trees

B. Lands to be irrigated (if applicable):

1) Applicant proposes to irrigate a total of 22.78 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 22.78 acres in Wharton 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 R P Allen Survey # Tract 2 Original Survey No. 14, Abstract No. 494.

C. Diversion Point No. _____.

1) Watercourse: UnKnown

2) Location of point of diversion at Latitude _____°N, Longitude _____°W,
Provide Latitude and Longitude coordinates in decimal degrees, to at least six decimal places, and indicate the method used to calculate the diversion point location.
S 87°39'05" W N 02°32'55" W See Survey
also bearing N 87°39'05" E, S 02°46'46" E, _____feet (distance) from the _____ corner of the _____Original Survey No. 14, Abstract No. 494, County, Texas.

3) Location from County Seat: 20 miles in a SW direction from Wharton East County,Texas.
Location from nearby town (if other than County Seat): 15 miles in a N direction from El Campo, a nearby town shown on county highway map.

4) Zip Code: 77437 El Campo Texas 1 Mile from New Tation

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

	Directly from stream	Existing	Proposed
	From an on-channel reservoir	Ditch	
	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: To be determined

A. _____ Maximum gpm (gallons per minute)

B. 2-3 Number of pumps Possible

C. Not Known Type of pump

D. UnKnown gpm, Pump capacity of each pump

E. Portable pump ✓ Yes or _____ No. Possible

___2. If by gravity:

A. ____ Headgate _____ Diversion Dam _____ Maximum gpm

B. ____ Other method (explain fully - use additional sheets if necessary). Not designed yet, Need Permission to Use water to Revamp Pecan Orchard grasses

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

D. Return Water or Return Flow **(location and quantity information, provide Latitude and Longitude coordinates in decimal degrees to at least six decimal places and indicate the method used to calculate the diversion point location):**

Water which is diverted but not consumed as a result of the above stated use, will be returned to We believe Tres Palacios Water Shed, tributary of Copies attached _____, tributary of _____, _____ Basin, at a point which is at Latitude 29.318914 °□□□N, Longitude 96.359422 °W, also, bearing _____° _____ (direction), _____ feet (distance) from the _____ corner of the _____ Original Survey No. 14, Abstract No. 494, in Wharton County, Texas. Zip Code: 77437 1 mile from New Tation

Estimated **annual** amount of return flow to said stream will be _____ acre-feet. Take only what is used

E. Surplus Water **(provide Latitude and Longitude coordinates in decimal degrees to at least six decimal places and indicate the method used to calculate the diversion point location):**

Water which is diverted but not used beneficially will be returned to All water diverted from tributary of ditch will be used _____ Basin at a point which is at Latitude 29.318914 °N, Longitude 96.359422 °W, also bearing _____° _____ (direction), _____ feet (distance) from the _____ corner of the R.P. ALLEN Original Survey No. 14, Abstract No. 494, in Wharton County, Texas. Zip Code: 77437

See survey

4. Discharge Point Information (if applicable, provide Latitude and Longitude coordinates in decimal degrees to at least six decimal places and indicate the method used to calculate the diversion point location).

Discharge Point No. or Name: Carry Run Off goes back to ditch in front

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

☐ Treated effluent

☑ Groundwater

☐ Other _____ 29.318914

B. Location of discharge point will be/is at Latitude See survey ° N, Longitude -96.359422 °W, also bearing _____°_____, _____ feet from the _____ corner of the _____ Original Survey No. 14, Abstract No. 494, in RP ALLEN Wharton 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.) Location of Pump on Property

C. Location from County Seat: 20 miles in a SE direction from Wharton, _____ County, Texas.
Location from nearby town (if other than County Seat): 15 miles in a North direction from El Campo, a nearby town shown on county highway map.

D. Zip Code: 77437

E. Water will be discharged into back into ditch on property stream/reservoir, (tributaries) If Not used what is pumped out will be used Basin.

F. Water will be discharged at a maximum rate of _____ cfs (_____ gpm).

G. The amount of water that will be discharged is 104 Rounded acre-feet per year.

H. The purpose of use for the water being discharged will be Pecans

I. Additional information required: To have enough water it may need to be collected & Stored from rain in ditch
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? Surface Water Rain Run off through property ditch

23 acres
4000 gal per acre day
365 day
ACRE Foot = 325,900 gal

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.

(23 x 4000 x 365) ÷ 325900
103.03774 ACRE feet

HAVE Not Gotten permission yet.

5. General Information.

A. The proposed ✓ or existing _____ works will be (are) located on the land of Susan + Richard Harrison, whose mailing address is 2407 Country Place DR Richmond TX 77406

B. If an application for the appropriation is granted, either in whole or in part, construction works will begin within 3 years or sooner after such permit is issued. The proposed work will be completed within 5 years from the date the permit is issued.

C. A Water Conservation Plan is attached? _____ Yes ✓ No. Pecan Pump Recommendation

D. _____ Interbasin transfer is not requested. 4000 gal/acre day
✓ Applicant requests authorization to transfer _____ acre-feet of water per year from the ditch Basin to the land Basin of which

_____ acre-feet of water will be used for Pecans + grass for cows purposes and

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

E. _____ Bed and Banks request to transfer 104 acre-feet of water per year within the bed and banks of Our ditch, tributary of toward TRES Palacios _____ Basin.

F. Is this project located within 200 river miles of the coast? ____ Yes _____No _____ Unknown

5. **Maps, plats, plans, and drawings accompany this application as required by applicable TAC Sections.**

✓ Yes _____ No. Attach additional sheets.

6. _____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.

7. 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.

Planted est. 1930
This is to Refurb Pecan farm, had over 200 Trees Farms around have taken water for Rice FARMS, Grass Farms & Oil Well, Water Table has sunk, Trees have died. Need New source of water. Land in Family since 1840's. New controlling interest

SUSAN HARRISON
Applicant Name (Sign)

Susan Harrison GDDFT Trustee
Applicant Name (Sign)

SUSAN HARRISON
Richard K Harrison
Applicant Name (Printed)

Susan Harrison
RICHARD K HARRISON
Applicant Name (Printed)

SWORN TO AND SUBSCRIBED before me this 1st day of December, 20 15.

DIANE LEIGH ELDER
Notary Public
STATE OF TEXAS
My Comm. Exp. July 19, 2019

Diane Leigh Elder
Notary Public for the State of Texas

Supplemental Dam/Reservoir Information Sheet

Dam (structure), Reservoir and Watercourse Data

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 To be determined

B. Location of Structure No. _____.

1) Watercourse: Ditch Feeds Tres Palacios

2) Location from County Seat: 20 miles in a SE direction from Wharton Texas

_____ County, Texas.

Location from nearby town (if other than County Seat): 15 miles in a N direction from El Campo, a nearby town shown on county highway map.

3) Zip Code: 77437 1 Mile New Tation

4) The dam will be/is located in the RP ALLEN Original Survey No. 14, Abstract No. 494 in Wharton County, Texas.

5) Station _____ on the centerline of the dam is _____° _____ (bearing), _____ feet (distance) from the _____ corner of _____ Original Survey No. _____, Abstract No. 14, in 494 County, Texas, also being at Latitude 29.318914 °N, Longitude -96.359422 °W.

TBD

Provide Latitude and Longitude coordinates in decimal degrees to at least six decimal places and indicate the method used to calculate the diversion point location

C. Reservoir:

1) Acre-feet of water impounded by structure at normal maximum operating level: Dam to accumalate water at Low times

2) Surface area in acres of reservoir at normal maximum operating level: water will continue

D. The drainage area above the dam is __ acres or _____ square miles. to flow at

E. Other: Pump to move water to fields, high times or storage

1) If this is a U.S. Natural Resources Conservation Service (NRCS) (formerly Soil Conservation Service (SCS)) floodwater-retarding structure, provide the Site No. _____ and watershed project name NO

2) Do you request authorization to close the "ports" or "windows" in the service spillway?

☐ Yes ☑ No

Supplemental Dam/Reservoir Information Sheet

Dam (structure), Reservoir and Watercourse Data

B. 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 To be determined

B. Location of Structure No. _____.

1) Watercourse: Ditch Feeds Tres Palacios

2) Location from County Seat: 20 miles in a SE direction from Wharton Texas

_____ County, Texas. SST

Location from nearby town (if other than County Seat): 15 miles in a N direction from El Campo, a nearby town shown on county highway map.

3) Zip Code: 77437

4) The dam will be/is located in the RP ALLEN Original Survey No. 14, Abstract No. 494 in Wharton County, Texas.

5) Station _____ on the centerline of the dam is _____° _____ (bearing), _____ feet (distance) from the _____ corner of _____ Original Survey No. _____, Abstract No._____, in _____ County, Texas, also being at Latitude 29.318914 °N, Longitude -96.359422 °W.

TBD

Provide Latitude and Longitude coordinates in decimal degrees, to at least six decimal places, and indicate the method used to calculate the diversion point location.

C. Reservoir: Dam to accumalate water at low-times

1) Acre-feet of water impounded by structure at normal maximum operating level: water will continue to flow at high times

2) Surface area in acres of reservoir at normal maximum operating level:

D. The drainage area above the dam is __ acres or _____ square miles.

E. Other: Pump to move water to fields or storage

1) If this is a U.S. Natural Resources Conservation Service (NRCS) (formerly Soil Conservation Service (SCS)) floodwater-retarding structure, provide the Site No. _____ and watershed project name NO

2) Do you request authorization to close the "ports" or "windows" in the service spillway?

☐ Yes ☑ No

Supplemental Diversion Point Information Sheet

Diversion Point No. _____. (Provde a completed *Supplemental Diversion Point Information Sheet* for additional diversions)

1) Watercourse: Tres Palacios

2) Location of point of diversion at Latitude 29.318914 °N, Longitude 96.359422 W, see survey also, bearing _____° _____, _____ feet (distance) from the _____ corner of the _____ Original Survey No. 14, Abstract No. 494, in Wharton County, Texas. **Provide Latitude and Longitude coordinates in decimal degrees, to at least six decimal places, and indicate the method used to calculate the diversion point location.**

3) Location from County Seat: 20 miles in a SE direction from Wharton Texas Wharton County, Texas. EST

Location from nearby town (if other than County Seat): 15 miles in a N direction from El Campo, a nearby town shown on county highway map.

4) Zip Code: 77437 1 mile from New Tation

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

	Directly from stream	Existing	Proposed
	From an on-channel reservoir	Move water from	
	From stream to an off-channel reservoir	ditch to field	
	From a stream to an on-channel reservoir	East	
	From an off-channel reservoir		
	Other method (explain fully, use additional sheets if necessary)		

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

___1. Diversion Facility:

A._____ Maximum gpm (gallons per minute)

1) Tbd 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 _____ acres or North square miles.

Un Known

Supplemental Diversion Point Information Sheet

Diversion Point No. _____.

1) Watercourse: Tres Palacios

2) Location of point of diversion at Latitude 29.318914 °N, Longitude -96.359427 W, also, bearing _____° _____, _____ feet (distance) from the _____ corner of the _____ Original Survey No. 14, Abstract No. 494, in Wharton County, Texas. **Provide Latitude and Longitude coordinates in decimal degrees, to at least six decimal places, and indicate the method used to calculate the diversion point location.**

See Survey

3) Location from County Seat: 20 East miles in a SE direction from Wharton Texas Wharton County, Texas.

Location from nearby town (if other than County Seat): 15 est miles in a N direction from El Campo, a nearby town shown on county highway map.

4) Zip Code: 77437 1 mile from New Tation

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

	Directly from stream	Existing	Proposed
	From an on-channel reservoir		
	From stream to an off-channel reservoir	Move water from	
	From a stream to an on-channel reservoir	ditch to field	
	From an off-channel reservoir	East	
	Other method (explain fully, use additional sheets if necessary)		

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

___1. Diversion Facility:

A._____ Maximum gpm (gallons per minute)

1) _____ Number of pumps
2) TBD 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 _____ acres or North square miles.

Unknown

Supplemental Discharge Point Information Sheet

Discharge Point No. or Name: 1420 CR 370 El Campo TX

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 29.318914° N, Longitude 96.359422 °W, also bearing _____° _____, _____ feet from the _____ corner of the _____ Original Survey No. _____, Abstract No. 14, in 494 County, Texas.

Provide Latitude and Longitude coordinates in decimal degrees, to at least six decimal places and indicate the method was used to determine the Latitude and Longitude for the discharge point? (*i.e.*, GPS Unit, USGS 7.5 Topographic Map, etc.)

_____

3) Location from County Seat: 20 est miles in a SE direction from Wharton Texas Wharton County, Texas.

Location from nearby town (if other than County Seat): 15 est miles in a W direction from El Campo, a nearby town shown on county highway map.

4) Zip Code: 77437 1 mile from New Tation

5) Water will be discharged into Ditch on property stream/reservoir, (tributaries) If not used or in front of property headed toward Tres Palacios Basin.

6) Water will be discharged at a maximum rate of TBD cfs (_____ gpm).

7) The amount of water that will be discharged is 104 est acre-feet per year.

8) The purpose of use for the water being discharged will be water trees & grass.

9) Additional information required:

For groundwater

1. Provide water quality analysis and 24 hour pump test for the well if one has been conducted. NA
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. None yet
4. What aquifer the water is being pumped from? None. Ditch

For treated effluent

1. What is the TPDES Permit Number? Provide a copy of the permit. — Do not have one
2. Provide the monthly discharge data for the past 5 years. None
3. What % of treated water was groundwater, surface water? – water from grass farm Runoff & RAIN
4. If any original water is surface water, provide the base water right number. Do not have one