

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



NOTICE OF AN APPLICATION FOR A WATER USE PERMIT

APPLICATION NO. 13814

Apple's Crossing Residential Association, Inc. seeks authorization to maintain a dam and reservoir located on Barksdale Creek, Trinity River Basin, for recreational purposes in Collin County and to use groundwater from the Woodbine Aquifer to maintain the reservoir. More information on the application and how to participate in the permitting process is given below.

APPLICATION. Apple's Crossing Residential Association, Inc., 2805 Dallas Parkway #400, Plano, Texas 75093, Applicant, has applied to the Texas Commission on Environmental Quality (TCEQ) for a Water Use Permit pursuant to Texas Water Code (TWC) § 11.121 and TCEQ Rule Title 30 Texas Administrative Code (TAC) §§ 295.151, et seq. Notice is being published and mailed to the water rights holders of record in the Trinity River Basin pursuant to Title 30 TAC §§ 295.152 and 295.153, and to the North Texas Groundwater Conservation District pursuant to 30 TAC § 295.153(b)(3).

Applicant seeks authorization to maintain a dam and reservoir located on Barksdale Creek, tributary of Sloan Creek, tributary of Wilson Creek, tributary of East Fork Trinity River, Trinity River Basin and impound therein not to exceed 4.63 acre-feet of water for recreational purposes in Collin County.

A point on the centerline of the dam is located on Barksdale Creek at Latitude 33.153322° N, Longitude 96.632498° W in ZIP Code 75069.

Applicant proposes to discharge a maximum of 6.9 acre-feet of groundwater per year from the Woodbine Aquifer into the reservoir at a point located at Latitude 33.154369° N, Longitude 96.632406° W in ZIP Code 75069, at a maximum discharge rate of 0.02 cfs (9.0 gpm).

Ownership of the land to be inundated is evidenced by a *Special Warranty Deed* recorded as document No. 20181207001495230 on December 7, 2018, in the official records of Collin County.

The application was received on October 12, 2021. Additional information and fees were received on November 23, 2021. The application was declared administratively complete and accepted for filing with the Office of the Chief Clerk on December 3, 2021.

The Executive Director has completed the technical review of the application and prepared a draft permit. The draft permit, if granted, would contain special conditions including, but not limited to, maintaining an alternate source of water for the reservoir. The application, technical memoranda, and Executive Director's draft permit are available for viewing on the TCEQ web page at: https://www.tceq.texas.gov/permitting/water_rights/wr-permitting/view-wr-pend-apps. Alternatively, you may request a copy of the documents by contacting the TCEQ Office of the Chief Clerk at (512) 239-3300 or by mail at TCEQ OCC, Notice Team (MC-105), P.O. Box 13087, Austin, Texas 78711.

PUBLIC COMMENT / PUBLIC MEETING. Written public comments and requests for a public meeting should be submitted to the Office of the Chief Clerk, at the address provided in the information section below, within 30 days of the date of newspaper publication of the notice. A public meeting is intended for the taking of public comment, and is not a contested case hearing. A public meeting will be held if the Executive Director determines that there is a significant degree of public interest in the application.

CONTESTED CASE HEARING. The TCEQ may grant a contested case hearing on this application if a written hearing request is filed within 30 days from the date of newspaper publication of this notice. The Executive Director may approve the application unless a written request for a contested case hearing is filed within 30 days after newspaper publication of this notice.

To request a contested case hearing, you must submit the following: (1) your name (or for a group or association, an official representative), mailing address, daytime phone number, and fax number, if any; (2) applicant's name and permit number; (3) the statement "[I/we] request a contested case hearing;" (4) a brief and specific description of how you would be affected by the application in a way not common to the general public; and (5) the location and distance of your property relative to the proposed activity. You may also submit proposed conditions for the requested permit which would satisfy your concerns. Requests for a contested case hearing must be submitted in writing to the Office of the Chief Clerk at the address provided in the information section below.

If a hearing request is filed, the Executive Director will not issue the permit and will forward the application and hearing request to the TCEQ Commissioners for their consideration at a scheduled Commission meeting.

INFORMATION. Written hearing requests, public comments, or requests for a public meeting should be submitted to the Office of the Chief Clerk, MC 105, TCEQ, P.O. Box 13087, Austin, TX 78711-3087 or electronically at <https://www14.tceq.texas.gov/epic/eComment/> by entering WRPERM 13814 in the search field. For information concerning the hearing process, please contact the Public Interest Counsel, MC 103, at the same address. For additional information, individual members of the general public may contact the Public Education Program at 1-800-687-4040. General information regarding the TCEQ can be found at our web site at www.tceq.texas.gov. Si desea información en Español, puede llamar al 1-800-687-4040 o por el internet al <http://www.tceq.texas.gov>.

Issued: July 19, 2022

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



WATER USE PERMIT

PERMIT NO. 13814

TYPE § 11.121

Permittee:	Apple's Crossing Residential Association, Inc.	Address:	2805 Dallas Pkwy. #400 Plano, Texas 75093
Filed:	December 3, 2021	Granted:	
Purpose:	Recreation	County:	Collin
Watercourse:	Barksdale Creek, tributary of Sloan Creek, tributary of Wilson Creek, tributary of East Fork Trinity River	Watershed:	Trinity River Basin

WHEREAS, Apple's Crossing Residential Association, Inc. (Applicant/Permittee) seeks authorization to maintain a dam and reservoir located on Barksdale Creek, tributary of Sloan Creek, tributary of Wilson Creek, tributary of East Fork Trinity River, Trinity River Basin and impound therein not to exceed 4.63 acre-feet of water for recreational purposes in Collin County; and

WHEREAS, a point on the centerline of the dam is located on Barksdale Creek at Latitude 33.153322° N, Longitude 96.632498° W; and

WHEREAS, Applicant provided evidence of an alternate source to maintain the reservoir being groundwater from the Woodbine Aquifer; and

WHEREAS, Applicant proposes to discharge a maximum of 6.9 acre-feet of groundwater per year from the Woodbine Aquifer into the reservoir at a point located at Latitude 33.154369° N, Longitude 96.632406° W, at a maximum discharge rate of 0.02 cfs (9.0 gpm); and

WHEREAS, Ownership of the land to be inundated is evidenced by a *Special Warranty Deed* recorded as document No. 20181207001495230 on December 7, 2018 in the official records of Collin County; and

WHEREAS, the Texas Commission on Environmental Quality finds that jurisdiction over the application is established; and

WHEREAS, the Executive Director recommends that special conditions be included in the permit; and

WHEREAS, the Commission has complied with the requirements of the Texas Water Code and Rules of the Texas Commission on Environmental Quality in issuing this permit;

NOW, THEREFORE, this permit, designated Water Use Permit No. 13814, is issued to the Apple's Crossing Residential Association, Inc. subject to the following terms and conditions:

1. IMPOUNDMENT

- A. Permittee is authorized to maintain a dam and reservoir impounding 4.63 acre-feet of water on Barksdale Creek, Trinity River Basin with the point on the centerline of the dam located at Latitude 33.153322° N, Longitude 96.632498° W in Collin County.
- B. Ownership of the land to be inundated is evidenced by a *Special Warranty Deed* recorded as document No. 20181207001495230 on December 7, 2018, in the official records of Collin County.

2. USE

Permittee is authorized to maintain the reservoir described in PARAGRAPH 1. IMPOUNDMENT for recreational purposes in Collin County with no right of diversion.

3. DISCHARGE

Permittee will discharge a maximum of 6.9 acre-feet of groundwater per year into the reservoir at a point located at Latitude 33.154369° N, Longitude 96.632406° W, at a maximum discharge rate of 0.02 cfs (9.0 gpm).

4. TIME PRIORITY

The time priority of this permit is December 3, 2021.

5. SPECIAL CONDITIONS

- A. Permittee is not authorized to impound state water. Permittee shall maintain the reservoir full at the uncontrolled spillway with an alternate source of water so that all inflows pass downstream of the reservoir. Permittee shall provide and maintain a pump, siphon, or other acceptable device capable of passing all inflows to the reservoir to ensure that all inflows of state water are passed downstream.
- B. Permittee shall maintain and operate an alternate source of water with sufficient production to ensure that no state water is used. Permittee will utilize groundwater from the Woodbine Aquifer as the alternate source of water for this permit. In the event groundwater from the Woodbine Aquifer will no longer be used as the alternate source of water for this permit, Permittee shall immediately cease impoundment of water and either apply to amend the permit with a new alternate source, or voluntarily forfeit the permit.
- C. Permittee shall install and maintain at the discharge point of the groundwater, a measuring device capable of measuring the daily volume of groundwater discharged into the reservoir with plus or minus 5% accuracy. Permittee shall maintain daily records of the amount of groundwater discharged into the reservoir. These records shall be maintained by Permittee and made available to the Executive Director upon request.
- D. Permittee shall allow representatives of the Texas Commission on Environmental Quality reasonable access to the property to inspect measuring device and records.

This permit is issued subject to all superior and senior water rights in the Trinity River Basin.

Permittee agrees to be bound by the terms, conditions and provisions contained herein and such agreement is a condition precedent to the granting of this permit.

All other matters requested in the application which are not specifically granted by this permit are denied.

This permit is issued subject to the Rules of the Texas Commission on Environmental Quality and to the right of continuing supervision of state water resources exercised by the Commission.

For the Commission

Date Issued:

Fw: Apple's Crossing Residential Association, Inc. Application No. 13814 Draft Permit & Notice Applicant Review

From: Dickey, Kyle [REDACTED]
Sent: Friday, July 8, 2022 12:28 PM
To: Hal Bailey <Hal.Bailey@tceq.texas.gov>
Cc: Chris Kozlowski <chris.kozlowski@tceq.texas.gov>; Ross, Casey [REDACTED]; Alderman, Nadia (Whitehouse) [REDACTED]
Subject: RE: Apple's Crossing Residential Association, Inc. Application No. 13814 Draft Permit & Notice Applicant Review

Hal,

Looks good to us. Go ahead and proceed with the public notice.

Thanks!
Kyle

Kyle A. Dickey, P.E. (TX), CFM
Kimley-Horn | 6160 Warren Parkway, Suite 210, Frisco, TX 75034
Direct: 972 731 2187 | www.kimley-horn.com

From: Hal Bailey <Hal.Bailey@tceq.texas.gov>
Sent: Thursday, July 7, 2022 4:31 PM
To: Dickey, Kyle [REDACTED]
Cc: Chris Kozlowski <chris.kozlowski@tceq.texas.gov>
Subject: Apple's Crossing Residential Association, Inc. Application No. 13814 Draft Permit & Notice Applicant Review

Good afternoon Kyle,

Drafts, subject to revision, of the public notice, proposed Water Use Permit No. 13814, and the related technical memoranda are attached.

Please review the draft documents and provide any comments and/or edits by COB on 07/21/2022.

If you have any questions, or If you need additional time to respond, please let me know.

Thank you,

*Hal E. Bailey, Jr.
Natural Resources Specialist III
Water Rights Permitting Team
Water Availability Division
Texas Commission on Environmental Quality*

512-239-4615 Hal.Bailey@tceq.texas.gov

Hal Bailey

From: Hal Bailey
Sent: Thursday, July 7, 2022 4:31 PM
To: Dickey, Kyle
Cc: Chris Kozlowski
Subject: Apple's Crossing Residential Association, Inc. Application No. 13814 Draft Permit & Notice Applicant Review
Attachments: Apple's_Crossing_13814_Draft_Permit_Package_Sent_07.07.2022.pdf

Good afternoon Kyle,

Drafts, subject to revision, of the public notice, proposed Water Use Permit No. 13814, and the related technical memoranda are attached.

Please review the draft documents and provide any comments and/or edits by COB on 07/21/2022.

If you have any questions, or If you need additional time to respond, please let me know.

Thank you,

Hal E. Bailey, Jr.
Natural Resources Specialist III
Water Rights Permitting Team
Water Availability Division
Texas Commission on Environmental Quality
512-239-4615 Hal.Bailey@tceq.texas.gov

Jon Niermann, *Chairman*
Emily Lindley, *Commissioner*
Bobby Janecka, *Commissioner*
Toby Baker, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

July 7, 2022

Mr. Kyle A. Dickey, P.E., CFM
Kimley-Horn and Associates
6160 Warren Pkwy., Suite 210
Frisco, Texas 75034

VIA E-MAIL

RE: Apple's Crossing Residential Association, Inc.
WRPERM 13814
CN605732023, RN111351383
Application No. 13814 for a Water Use Permit
Texas Water Code § 11.121, Published and Mailed Notice Required
Barksdale Creek, Trinity River Basin
Collin County

Dear Mr. Dickey:

Drafts, subject to revision, of the public notice, proposed Water Use Permit No. 13814, and the related technical memoranda are attached.

Staff is recommending that the referenced application be granted in accordance with the attached drafts. Please review the drafts and contact me no later than July 21, 2022, with any comments or questions as the notice will be forwarded to the Office of the Chief Clerk for mailing after that date.

Please note this application requires a 30-day comment period and once the comment period has closed, the proposed Water Use Permit No. 13814 may be issued as drafted given no hearing requests are received.

If you have any questions concerning the application, please contact me via email at hal.bailey@tceq.texas.gov or at (512) 239-4615.

Sincerely,

A handwritten signature in cursive script that reads "Hal E. Bailey, Jr.".

Hal E. Bailey, Jr., Project Manager
Water Rights Permitting Team
Water Rights Permitting and Availability Section

Attachments

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



NOTICE OF AN APPLICATION FOR A WATER USE PERMIT

APPLICATION NO. 13814

Apple's Crossing Residential Association, Inc. seeks authorization to maintain a dam and reservoir located on Barksdale Creek, Trinity River Basin, for recreational purposes in Collin County and to use groundwater from the Woodbine Aquifer to maintain the reservoir. More information on the application and how to participate in the permitting process is given below.

APPLICATION. Apple's Crossing Residential Association, Inc., 2805 Dallas Parkway #400, Plano, Texas 75093, Applicant, has applied to the Texas Commission on Environmental Quality (TCEQ) for a Water Use Permit pursuant to Texas Water Code (TWC) § 11.121 and TCEQ Rule Title 30 Texas Administrative Code (TAC) §§ 295.151, et seq. Notice is being published and mailed to the water rights holders of record in the Trinity River Basin pursuant to Title 30 TAC §§ 295.152 and 295.153, and to the North Texas Groundwater Conservation District pursuant to 30 TAC § 295.153(b)(3).

Applicant seeks authorization to maintain a dam and reservoir located on Barksdale Creek, tributary of Sloan Creek, tributary of Wilson Creek, tributary of East Fork Trinity River, Trinity River Basin and impound therein not to exceed 4.63 acre-feet of water for recreational purposes in Collin County.

A point on the centerline of the dam is located on Barksdale Creek at Latitude 33.153322° N, Longitude 96.632498° W in ZIP Code 75069.

Applicant proposes to discharge a maximum of 6.9 acre-feet of groundwater per year from the Woodbine Aquifer into the reservoir at a point located at Latitude 33.154369° N, Longitude 96.632406° W in ZIP Code 75069, at a maximum discharge rate of 0.02 cfs (9.0 gpm).

Ownership of the land to be inundated is evidenced by a *Special Warranty Deed* recorded as document No. 20181207001495230 on December 7, 2018, in the official records of Collin County.

The application was received on October 12, 2021. Additional information and fees were received on November 23, 2021. The application was declared administratively complete and accepted for filing with the Office of the Chief Clerk on December 3, 2021.

The Executive Director has completed the technical review of the application and prepared a draft permit. The draft permit, if granted, would contain special conditions including, but not limited to, maintaining an alternate source of water for the reservoir. The application, technical memoranda, and Executive Director's draft permit are available for viewing on the TCEQ web page at: https://www.tceq.texas.gov/permitting/water_rights/wr-permitting/view-wr-pend-apps.

Alternatively, you may request a copy of the documents by contacting the TCEQ Office of the Chief Clerk at (512) 239-3300 or by mail at TCEQ OCC, Notice Team (MC-105), P.O. Box 13087, Austin, Texas 78711.

PUBLIC COMMENT / PUBLIC MEETING. Written public comments and requests for a public meeting should be submitted to the Office of the Chief Clerk, at the address provided in the information section below, within 30 days of the date of newspaper publication of the notice. A public meeting is intended for the taking of public comment, and is not a contested case hearing. A public meeting will be held if the Executive Director determines that there is a significant degree of public interest in the application.

CONTESTED CASE HEARING. The TCEQ may grant a contested case hearing on this application if a written hearing request is filed within 30 days from the date of newspaper publication of this notice. The Executive Director may approve the application unless a written request for a contested case hearing is filed within 30 days after newspaper publication of this notice.

To request a contested case hearing, you must submit the following: (1) your name (or for a group or association, an official representative), mailing address, daytime phone number, and fax number, if any; (2) applicant's name and permit number; (3) the statement "[I/we] request a contested case hearing;" (4) a brief and specific description of how you would be affected by the application in a way not common to the general public; and (5) the location and distance of your property relative to the proposed activity. You may also submit proposed conditions for the requested permit which would satisfy your concerns. Requests for a contested case hearing must be submitted in writing to the Office of the Chief Clerk at the address provided in the information section below.

If a hearing request is filed, the Executive Director will not issue the permit and will forward the application and hearing request to the TCEQ Commissioners for their consideration at a scheduled Commission meeting.

INFORMATION. Written hearing requests, public comments, or requests for a public meeting should be submitted to the Office of the Chief Clerk, MC 105, TCEQ, P.O. Box 13087, Austin, TX 78711-3087 or electronically at <https://www14.tceq.texas.gov/epic/eComment/> by entering WRPERM 13814 in the search field. For information concerning the hearing process, please contact the Public Interest Counsel, MC 103, at the same address. For additional information, individual members of the general public may contact the Public Education Program at 1-800-687-4040. General information regarding the TCEQ can be found at our web site at www.tceq.texas.gov. Si desea información en Español, puede llamar al 1-800-687-4040 o por el internet al <http://www.tceq.texas.gov>.

Issued:

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



WATER USE PERMIT

PERMIT NO. 13814

TYPE § 11.121

Permittee:	Apple's Crossing Residential Association, Inc.	Address:	2805 Dallas Pkwy. #400 Plano, Texas 75093
Filed:	December 3, 2021	Granted:	
Purpose:	Recreation	County:	Collin
Watercourse:	Barksdale Creek, tributary of Sloan Creek, tributary of Wilson Creek, tributary of East Fork Trinity River	Watershed:	Trinity River Basin

WHEREAS, Apple's Crossing Residential Association, Inc. (Applicant/Permittee) seeks authorization to maintain a dam and reservoir located on Barksdale Creek, tributary of Sloan Creek, tributary of Wilson Creek, tributary of East Fork Trinity River, Trinity River Basin and impound therein not to exceed 4.63 acre-feet of water for recreational purposes in Collin County; and

WHEREAS, a point on the centerline of the dam is located on Barksdale Creek at Latitude 33.153322° N, Longitude 96.632498° W; and

WHEREAS, Applicant provided evidence of an alternate source to maintain the reservoir being groundwater from the Woodbine Aquifer; and

WHEREAS, Applicant proposes to discharge a maximum of 6.9 acre-feet of groundwater per year from the Woodbine Aquifer into the reservoir at a point located at Latitude 33.154369° N, Longitude 96.632406° W, at a maximum discharge rate of 0.02 cfs (9.0 gpm); and

WHEREAS, Ownership of the land to be inundated is evidenced by a *Special Warranty Deed* recorded as document No. 20181207001495230 on December 7, 2018 in the official records of Collin County; and

WHEREAS, the Texas Commission on Environmental Quality finds that jurisdiction over the application is established; and

WHEREAS, the Executive Director recommends that special conditions be included in the permit; and

WHEREAS, the Commission has complied with the requirements of the Texas Water Code and Rules of the Texas Commission on Environmental Quality in issuing this permit;

NOW, THEREFORE, this permit, designated Water Use Permit No. 13814, is issued to the Apple's Crossing Residential Association, Inc. subject to the following terms and conditions:

1. IMPOUNDMENT

- A. Permittee is authorized to maintain a dam and reservoir impounding 4.63 acre-feet of water on Barksdale Creek, Trinity River Basin with the point on the centerline of the dam located at Latitude 33.153322° N, Longitude 96.632498° W in Collin County.
- B. Ownership of the land to be inundated is evidenced by a *Special Warranty Deed* recorded as document No. 20181207001495230 on December 7, 2018, in the official records of Collin County.

2. USE

Permittee is authorized to maintain the reservoir described in PARAGRAPH 1. IMPOUNDMENT for recreational purposes in Collin County with no right of diversion.

3. DISCHARGE

Permittee will discharge a maximum of 6.9 acre-feet of groundwater per year into the reservoir at a point located at Latitude 33.154369° N, Longitude 96.632406° W, at a maximum discharge rate of 0.02 cfs (9.0 gpm).

4. TIME PRIORITY

The time priority of this permit is December 3, 2021.

5. SPECIAL CONDITIONS

- A. Permittee is not authorized to impound state water. Permittee shall maintain the reservoir full at the uncontrolled spillway with an alternate source of water so that all inflows pass downstream of the reservoir. Permittee shall provide and maintain a pump, siphon, or other acceptable device capable of passing all inflows to the reservoir to ensure that all inflows of state water are passed downstream.
- B. Permittee shall maintain and operate an alternate source of water with sufficient production to ensure that no state water is used. Permittee will utilize groundwater from the Woodbine Aquifer as the alternate source of water for this permit. In the event groundwater from the Woodbine Aquifer will no longer be used as the alternate source of water for this permit, Permittee shall immediately cease impoundment of water and either apply to amend the permit with a new alternate source, or voluntarily forfeit the permit.
- C. Permittee shall install and maintain at the discharge point of the groundwater, a measuring device capable of measuring the daily volume of groundwater discharged into the reservoir with plus or minus 5% accuracy. Permittee shall maintain daily records of the amount of groundwater discharged into the reservoir. These records shall be maintained by Permittee and made available to the Executive Director upon request.
- D. Permittee shall allow representatives of the Texas Commission on Environmental Quality reasonable access to the property to inspect measuring device and records.

This permit is issued subject to all superior and senior water rights in the Trinity River Basin.

Permittee agrees to be bound by the terms, conditions and provisions contained herein and such agreement is a condition precedent to the granting of this permit.

All other matters requested in the application which are not specifically granted by this permit are denied.

This permit is issued subject to the Rules of the Texas Commission on Environmental Quality and to the right of continuing supervision of state water resources exercised by the Commission.

For the Commission

Date Issued:

Texas Commission on Environmental Quality

INTEROFFICE MEMORANDUM

To: Hal Bailey, Project Manager
Water Rights Permitting Team

Date: May 20, 2022

Through: ~~K~~ A Kathy Alexander, Ph.D., Policy and Technical Analyst
Water Availability Division

TG Trent Gay, Team Leader
Surface Water Availability Team

From: Andrew Garcia, Hydrologist
Surface Water Availability Team

Subject: Apple's Crossing Residential Association, Inc.
WRPERM 13814
CN605732023
Barksdale Creek, Trinity River Basin
Collin County

HYDROLOGY REVIEW

Application Summary

Apple's Crossing Residential Association, Inc. (Applicant) requests authorization to maintain a reservoir on Barksdale Creek, Trinity River Basin, impounding 4.63 acre-feet of water for recreational purposes in Collin County. Applicant requests authorization to maintain the reservoir with groundwater from the Woodbine aquifer.

The application was declared administratively complete on December 3, 2021.

Hydrology Review

Resource Protection staff did not recommend instream flow requirements for this application. See Resource Protection memo dated January 31, 2022.

The application does not request a new appropriation of water; therefore, a water availability analysis is not necessary. However, the application must be reviewed to ensure that no water rights are affected by the request.

The application was evaluated to determine if the alternate source provided is adequate to compensate for evaporative losses from the reservoir. Based on evaporation from the TCEQ Water Availability Model (WAM) for the Trinity River Basin, Quadrangle 411, staff determined the annual maximum evaporation from the reservoir to be 4.57 acre-feet with an estimated monthly maximum of 1.02 acre-feet. The groundwater well to be used as the alternate source is capable of

producing 6.9 acre-feet of water per year which is adequate to compensate for the annual maximum evaporative losses from the reservoir (4.57 acre-feet). Staff finds the alternate source provided in the application is sufficient to ensure that no state water is used.

Conclusion

Staff can support granting the application as requested provided that any permit granted includes the following special conditions:

1. Permittee is not authorized to impound state water. Permittee shall maintain the reservoir full at the uncontrolled spillway with an alternate source of water so that all inflows pass downstream of the reservoir. Permittee shall provide and maintain a pump, siphon, or other acceptable device capable of passing all inflows to the reservoir to ensure that all inflows of state water are passed downstream.
2. Permittee shall maintain and operate an alternate source of water with sufficient production to ensure that no state water is used. Permittee will utilize groundwater from the Woodbine Aquifer as the alternate source of water for this permit. In the event groundwater from the Woodbine Aquifer will no longer be used as the alternate source of water for this permit, Permittee shall immediately cease impoundment of water and either apply to amend the permit with a new alternate source, or voluntarily forfeit the permit.
3. Permittee shall install and maintain at the discharge point of the groundwater, a measuring device capable of measuring the daily volume of groundwater discharged into the reservoir with plus or minus 5% accuracy. Permittee shall maintain daily records of the amount of groundwater discharged into the reservoir. These records shall be maintained by Permittee and made available to the Executive Director upon request.

Andrew Garcia

Andrew Garcia, Hydrologist

Texas Commission on Environmental Quality

INTEROFFICE MEMORANDUM

To: Hal Bailey, Project Manager
Water Rights Permitting Team

Date: January 31, 2022

Through: Leslie Patterson, Team Leader
Resource Protection Team



Jennifer Allis, Senior Water Conservation Specialist
Resource Protection Team

From: Trent Jennings, Water Conservation Specialist
Resource Protection Team

Subject: Apple's Crossing Residential Association, Inc.
WRPERM 13814
CN605732023
Barksdale Creek, Trinity River Basin
Collin County

APPLICATION SUMMARY

Apple's Crossing Residential Association, Inc. (Applicant) requests authorization to maintain a reservoir on Barksdale Creek, Trinity River Basin, to impound 4.63 acre-feet of water, for recreational purposes in Collin County. Applicant requests authorization to maintain the reservoir with groundwater from the Woodbine aquifer.

WATER CONSERVATION REVIEW

Pursuant to Title 30 Texas Administrative Code §295.9(5), applications to impound water for in-place use are exempt from submitting a water conservation plan.

The application is consistent with the 2021 Region C Water Plan and the 2022 State Water Plan because there is nothing in the water plans that conflicts with issuing this proposed permit.

RECOMMENDATIONS

Resource Protection Staff have no recommendations regarding the proposed permit, if granted.




Trent Jennings, Water Conservation Specialist

Texas Commission on Environmental Quality

INTEROFFICE MEMORANDUM

To: Hal Bailey, Project Manager
Water Rights Permitting Team

Date: January 31, 2022

Through: Leslie Patterson, Team Leader
 Resource Protection Team

From: George Gable, Aquatic Scientist
Resource Protection Team

Subject: Apple's Crossing Residential Association, Inc.
WRPERM 13814
CN605732023
Barksdale Creek, Trinity River Basin
Collin County

Environmental reviews of water right applications are conducted in accordance with applicable provisions of the Texas Water Code (TWC) and the administrative rules of the Texas Commission on Environmental Quality (TCEQ). The provisions applicable to environmental reviews can vary according to the type and the location of the authorization requested.

APPLICATION SUMMARY

Apple's Crossing Residential Association, Inc. (Applicant) requests authorization to maintain a reservoir on Barksdale Creek, Trinity River Basin, to impound 4.63 acre-feet of water, for recreational purposes in Collin County. Applicant requests authorization to maintain the reservoir with groundwater from the Woodbine aquifer.

ENVIRONMENTAL ANALYSIS

Aquatic and Riparian Habitats: The Applicant's impoundment is located on Barksdale Creek, an intermittent stream, in the Northern Blackland Prairie ecoregion (Griffith et. al. 2007).

The checklist for the Trinity River Basin identified 49 species of ichthyofauna occurring within East Fork Trinity hydrologic unit (United States Geologic Survey code 12030106) (Hendrickson and Cohen 2015). The interior least tern (*Sterna antillarum athalassos*), Louisiana pigtoe (*Pleurobema riddellii*), Texas heelsplitter (*Potamilus amphichaenus*), and the alligator snapping turtle (*Macrochelys temminckii*), high-interest aquatic and aquatic dependent species, have been determined to occur in Collin County (TPWD 2015). This permit is not expected to have an effect on any high interest aquatic or aquatic-dependent species because no state water will be taken.

On April 20, 2011, the TCEQ adopted environmental flow standards for the Trinity and San Jacinto Rivers, and Galveston Bay (Title 30 Texas Administrative Code (TAC) Chapter 298 Subchapter B). These environmental flow standards are considered adequate to support a sound ecological environment (Title 30 TAC §298.210). The Applicant does not request a new appropriation of water or an amendment that increases the amount of water stored, taken, or diverted; therefore, the environmental flow standards do not apply. The Applicant proposes to use groundwater as an alternate source of water. The Applicant's request is not expected to adversely impact aquatic and riparian habitats in the area.

Recreational Uses: Barksdale Creek has a presumed primary contact recreation 1 use (TCEQ 2018). The Applicant's request should not adversely impact recreational uses.

Water Quality: Barksdale Creek has a presumed minimal aquatic life use (TCEQ 2018). The Applicant's request should not adversely impact recreational uses.

The Applicant indicates that the reservoir will be maintained with groundwater from one well in the Woodbine aquifer. Resource Protection staff have reviewed the Applicant's groundwater quality information, and the groundwater to be used is of sufficient quality that it should not adversely impact water quality.

Freshwater Inflows: Freshwater inflows are critical for maintaining the historical productivity of bays and estuaries along the Gulf Coast. The application does not request a new appropriation of water; therefore, the Applicant's request should not have any impact to Trinity Bay.

RECOMMENDATIONS

Resource Protection staff have no recommendations regarding this proposed permit, if granted.

LITERATURE CITED

Griffith GE, Bryce SA, Omernik JM, Rogers AC. 2007. Ecoregions of Texas - Project Report to Texas Commission on Environmental Quality. Reston (VA): U.S. Geological Survey. Report No.: AS-199. 125p.

Hendrickson DA, Cohen AE. 2015. Fishes of Texas Project Database [Internet]. [2022 January 24]; Version 2.0. Available from <http://doi.org/10.17603/C3WC70>.

TCEQ. 2018. Texas Surface Water Quality Standards §§307.1-307.10. Austin (TX): Texas Commission on Environmental Quality.

TPWD. 2015. TPWD County Lists of Texas Protected Species and Species of Greatest Conservation Need [Internet]. Austin (TX): Collin County, revised October 1, 2021. [2022 January 24]. Available from <http://tpwd.texas.gov/gis/rtest/>.

George M. Gable IV

George Gable, Aquatic Scientist

Texas Commission on Environmental Quality

INTEROFFICE MEMORANDUM

To: Hal Bailey
Water Rights Permitting Team

Date: October 22, 2021

Thru:

From: Warren D. Samuelson, P. E., Manager
Dam Safety Section MC-177

Subject: Apple's Crossing Residential Association, Inc. Application for a permit to maintain a dam and reservoir, Barksdale Creek, Trinity River Basin, Collin County

Apple's Crossing Residential Association, Inc. (Applicant) seeks authorization to maintain a dam and reservoir impounding 4.63 acre-feet of water on Barksdale Creek, tributary of Sloan Creek, tributary of Wilson Creek, tributary of East Fork Trinity River, Trinity River Basin for recreational purposes in Collin County. Applicant has proposed groundwater from the Woodbine Aquifer as the alternate source of water to maintain the reservoir.

Construction plans and specifications have been submitted by the applicant's engineer, Kimley-Horn. The plans and specifications were approved on July 23, 2018. Construction was completed on March 19, 2019. An inspection was conducted on August 14, 2019. The modifications were completed in agreement with the approved plans. The completed project is hydraulically adequate.

Therefore, there are no further dam safety requirements that need to be met.



Warren D. Samuelson, P. E., Manager
Dam Safety Section

RECEIVED

OCT 25 2021

Water Availability Division

Hal Bailey

From: Dickey, Kyle [REDACTED]
Sent: Monday, June 6, 2022 9:12 AM
To: Hal Bailey
Cc: Alderman, Nadia (Whitehouse); Chris Kozlowski; Ross, Casey
Subject: RE: Apple's Crossing Residential Association, Inc. Application No. 13814 Administratively Complete

Thank you for the update, Hal.

Thanks,
Kyle

Kyle A. Dickey, P.E. (TX), CFM
Kimley-Horn | 6160 Warren Parkway, Suite 210, Frisco, TX 75034
Direct: 972 731 2187 | www.kimley-horn.com

From: Hal Bailey <Hal.Bailey@tceq.texas.gov>
Sent: Monday, June 6, 2022 9:11 AM
To: Dickey, Kyle [REDACTED]
Cc: Alderman, Nadia (Whitehouse) [REDACTED]; Chris Kozlowski <chris.kozlowski@tceq.texas.gov>; Ross, Casey [REDACTED]
Subject: RE: Apple's Crossing Residential Association, Inc. Application No. 13814 Administratively Complete

Good morning Kyle,

The draft permit is currently being reviewed by the WRPA section. Upon completion, I will send it to you for review/comments.

Thanks,

Hal E. Bailey, Jr.
Natural Resources Specialist III
Water Rights Permitting Team
Water Availability Division
Texas Commission on Environmental Quality
512-239-4615 Hal.Bailey@tceq.texas.gov

From: Dickey, Kyle [REDACTED]
Sent: Monday, June 6, 2022 9:04 AM
To: Hal Bailey <Hal.Bailey@tceq.texas.gov>
Cc: Alderman, Nadia (Whitehouse) [REDACTED] Chris Kozlowski <chris.kozlowski@tceq.texas.gov>; Ross, Casey [REDACTED]
Subject: RE: Apple's Crossing Residential Association, Inc. Application No. 13814 Administratively Complete

Hi Hal,

Just checking in on this. Looks like we just hit 6 months since administrative complete. Any update on the technical review?

Thanks,
Kyle

Kyle A. Dickey, P.E. (TX), CFM
Kimley-Horn | 6160 Warren Parkway, Suite 210, Frisco, TX 75034
Direct: 972 731 2187 | www.kimley-horn.com

From: Hal Bailey <Hal.Bailey@tceq.texas.gov>
Sent: Wednesday, April 6, 2022 8:54 AM
To: Dickey, Kyle [REDACTED]
Cc: Alderman, Nadia (Whitehouse) [REDACTED]; Chris Kozlowski <chris.kozlowski@tceq.texas.gov>; Ross, Casey [REDACTED]
Subject: RE: Apple's Crossing Residential Association, Inc. Application No. 13814 Administratively Complete

Good morning Kyle,

The application is currently in technical review. I can't really give you a timeline on when that phase of the process will be completed.
As soon as technical review is complete, I will draft the permit and notice. Feel free to check back with me in a couple of weeks.

Thank you,

Hal E. Bailey, Jr.
Natural Resources Specialist III
Water Rights Permitting Team
Water Availability Division
Texas Commission on Environmental Quality
512-239-4615 Hal.Bailey@tceq.texas.gov

From: Dickey, Kyle [REDACTED]
Sent: Wednesday, April 6, 2022 8:16 AM
To: Hal Bailey <Hal.Bailey@tceq.texas.gov>
Cc: Alderman, Nadia (Whitehouse) [REDACTED]; Chris Kozlowski <chris.kozlowski@tceq.texas.gov>; Ross, Casey [REDACTED]
Subject: RE: Apple's Crossing Residential Association, Inc. Application No. 13814 Administratively Complete

Good morning Hal,

Our client asked for an update on the status of technical review. Do you have any updates we can provide them?

Thanks,
Kyle

Kyle A. Dickey, P.E. (TX), CFM
Kimley-Horn | 6160 Warren Parkway, Suite 210, Frisco, TX 75034
Direct: 972 731 2187 | www.kimley-horn.com

From: Hal Bailey <Hal.Bailey@tceq.texas.gov>

Sent: Friday, December 3, 2021 3:09 PM

To: Dickey, Kyle [REDACTED]

Cc: Alderman, Nadia (Whitehouse) [REDACTED]; Chris Kozlowski
<chris.kozlowski@tceq.texas.gov>

Subject: Apple's Crossing Residential Association, Inc. Application No. 13814 Administratively Complete

Good afternoon Kyle,

Application no. 13814 for Apple's Crossing Residential Association, Inc. was declared administratively complete and filed with the Office of the Chief Clerk today.

Attached is an electronic copy of the administrative completeness letter and receipt.

Please let me know if you have any questions.

Thank you,

Hal E. Bailey, Jr.

Natural Resources Specialist III

Water Rights Permitting Team

Water Availability Division

Texas Commission on Environmental Quality

512-239-4615 Hal.Bailey@tceq.texas.gov

TCEQ Interoffice Memorandum

TO: Office of the Chief Clerk
Texas Commission on Environmental Quality

THRU: Chris Kozlowski, Team Leader
Water Rights Permitting Team

FROM: Hal E. Bailey, Jr., Project Manager
Water Rights Permitting Team

DATE: December 3, 2021

SUBJECT: Apple's Crossing Residential Association, Inc.
WRPERM 13814
CN605732023, RN111351383
Application No. 13814 for a Water Use Permit
Texas Water Code § 11.121, Published and Mailed Notice Required
Barksdale Creek, Trinity River Basin
Collin County

The application was received on October 12, 2021. Additional information and fees were received on November 23, 2021. The application was declared administratively complete and accepted for filing with the Office of the Chief Clerk on December 3, 2021. Published and mailed notice to water right holders of record in the Trinity River Basin is required pursuant to Title 30 Texas Administrative Code §§ 295.152 and 295.153, and mailed notice to the North Texas Groundwater Conservation District is required pursuant to 30 TAC § 295.153(b)(3).

All fees have been paid and the application is sufficient for filing.

Hal E. Bailey, Jr.

Hal E. Bailey, Jr., Project Manager
Water Rights Permitting Team
Water Rights Permitting and Availability Section

OCC Mailed Notice Required ☒ YES

☐ NO

Jon Niermann, *Chairman*
Emily Lindley, *Commissioner*
Bobby Janecka, *Commissioner*
Toby Baker, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

December 3, 2021

Mr. Kyle A. Dickey, P.E., CFM
Kimley-Horn and Associates
6160 Warren Pkwy., Suite 210
Frisco, Texas 75034

VIA E-MAIL

RE: Apple's Crossing Residential Association, Inc.
WRPERM 13814
CN605732023, RN111351383
Application No. 13814 for a Water Use Permit
Texas Water Code § 11.121, Published and Mailed Notice Required
Barksdale Creek, Trinity River Basin
Collin County

Dear Mr. Dickey:

This acknowledges receipt, on November 23, 2021, of additional information and fees in the amount of \$590.23 (Receipt No. M205860, copy attached).

The application was declared administratively complete and filed with the Office of the Chief Clerk on December 3, 2021. Staff will continue processing the application for consideration by the Executive Director.

Please be advised that additional information may be requested during the technical review phase of the application process.

If you have any questions concerning the application, please contact me via email at hal.bailey@tceq.texas.gov or at (512) 239-4615.

Sincerely,

A handwritten signature in cursive script that reads "Hal E. Bailey, Jr.".

Hal E. Bailey, Jr., Project Manager
Water Rights Permitting Team
Water Rights Permitting and Availability Section

Attachment



Basis2 Receipt Report by Endorsement Number

DEC-02-21 08:46 AM

<u>Acct. #:</u> WUP		<u>Account Name:</u> WATER USE PERMITS							
<u>Paid For</u>	<u>Endors. #</u>	<u>Ref #2</u>	<u>Paid In By</u>	<u>PayTyp</u>	<u>Chk #</u>	<u>Card#</u>	<u>Bank Slip</u>	<u>Tran.Date</u>	<u>Receipt Amnt.</u>
AMEND	M205860	13814	GRBK EDGEWOOD LLC	CK	67110000220		BS00090711	01-DEC-21	\$590.23
					3				

Hal Bailey

From: Alderman, Nadia (Whitehouse) <[REDACTED]>
Sent: Tuesday, November 23, 2021 3:44 PM
To: Hal Bailey; Dickey, Kyle
Cc: Chris Kozlowski; Ross, Casey
Subject: RE: Apple's Crossing Residential Association, Inc. Application No. 13814 RFI
Attachments: _Comment Response Apple's Crossing.pdf

Good afternoon Hal,

Please see the attached response to the RFI for Apple's Crossing, Application Number 13814.

Please let us know if you have any questions.

Thank you,
Nadia

Nadia Alderman (Whitehouse), EIT
Kimley-Horn | 601 NW Loop 410, Suite 350, San Antonio, TX 78216
Direct: 210 819 4889 | Main: 210 541 9166

From: Hal Bailey <Hal.Bailey@tceq.texas.gov>
Sent: Monday, November 8, 2021 9:18 AM
To: Dickey, Kyle <[REDACTED]>
Cc: Alderman, Nadia (Whitehouse) <[REDACTED]>; Chris Kozlowski <chris.kozlowski@tceq.texas.gov>
Subject: Apple's Crossing Residential Association, Inc. Application No. 13814 RFI

Good morning Kyle,

Attached is a Request for Information (RFI) letter for Apple's Crossing Residential Association, Inc., application no. 13814.

Please provide a response by COB on 12/08/2021.

Should you have any questions, or if you need additional time to respond, please let me know.

Thank you,

Hal E. Bailey, Jr.
Natural Resources Specialist III
Water Rights Permitting Team
Water Availability Division
Texas Commission on Environmental Quality
512-239-4615 Hal.Bailey@tceq.texas.gov



November 23, 2021

Hal E. Bailey
Project Manager Water Rights Permitting Team
Texas Commission on Environmental Quality
(512) 239-4615

RE: *Response Letter to Comments (Dated November 8, 2021) for the Water Rights Permit, Application No. 13814*

Dear Mr. Bailey:

This letter is in response to comments we received from you on November 8th via e-mail. Our responses to the comments are below:

Comment 1: *Provide a map that clearly identifies the reservoir and the lands to be inundated. Staff notes the “Fully Developed Drainage Area Map” submitted on July 14, 2021 with the withdrawn Application 13518 contained this type of information.*

Response: Acknowledged. A fully developed drainage area map has been included with this RFI. The inundation area is shown in cyan.

Comment 2: *Provide a copy of the groundwater well permit or evidence that a groundwater well permit is not required from the North Texas Groundwater Conservation District. Staff acknowledge that the application indicates that a groundwater well permit will be obtained prior to construction. However, in order to declare the application Administratively Complete, the application must demonstrate that the applicant is in the process of obtaining any required groundwater well permits.*

Response: A copy of the groundwater well permit has been included from the North Texas Groundwater Conservation District. It is attached to the RFI. Please note that the well has already been constructed.

Comment 3: *Please remit fees in the amount of \$590.23 as described below. Please make checks payable to the TCEQ or Texas Commission on Environmental Quality.*

Response: Acknowledged. A check has been mailed to TCEQ on November 23, 2021.

If you have any additional comments or questions, please do not hesitate to contact me at (972) 731-2187 or [REDACTED].

Sincerely,

Kyle Dickey, P.E., CFM



NORTH TEXAS GROUNDWATER CONSERVATION DISTRICT

P.O. Box 508, Gainesville, TX 76241
5100 Airport Drive, Denison, TX 75020
Office: (855) 426-4433 | Fax: (903) 786-8211
ntgcd@northtexasgcd.org | www.northtexasgcd.org

Notice to Proceed

Issued Pursuant to District Rules 3.1 and 3.3(m)

Registration # NT-4945

Registrant

Apple's Crossing Residential Assoc
4890 Ellie Ln.
Fairview, TX 75069
bhunnicutt@greenbrickpartners.com
972-946-1350

Well Information

Well Name: Apple's Crossing
Latitude: 33.155622 **Change 10/8/2021**
Longitude: -96.632224
County: Collin
Driller: Dale Chepulis
Driller Company: Double D Drilling
Capacity: 17 GPM

Registration Information

Submitted: 3/29/2021
Approved: 3/29/2021
Deadline: 240 Days
Expires: 11/24/2021
Proposed Use: Pond(s)/Other Impoundment
Registration Type: Exempt

Issuance of this Notice to Proceed grants only the approval required by the North Texas Groundwater Conservation District for drilling a new, exempt well (for which a Production Permit is not required) in accordance with the District's rules and the registration application submitted. The recipient is solely responsible for obtaining any other necessary governmental approval. The Well Completion Report and Well Report must be submitted to the District within 60 days of the completion of construction. Operation of the well must be in accordance with District rules. District Rule 3.6 requires the registration for this well to be amended prior to making a change to the information provided in this Notice to Proceed or the registration application on which it is based. Under no circumstances should this well be drilled within 50' of the property line unless a variance has been approved by the District.

District Review:

Signature

District
Approval:

Signature

Please submit the Completion Report and Well Report to the District by mail, fax or email:

North Texas Groundwater Conservation District
P.O. Box 508, Gainesville, TX 76241
Fax: (903) 786-8211 | ntgcd@northtexasgcd.org
If you have any questions, please call (855) 426-4433

Hal Bailey

From: Hal Bailey
Sent: Monday, November 8, 2021 9:18 AM
To: Dickey, Kyle
Cc: Alderman, Nadia (Whitehouse); Chris Kozlowski
Subject: Apple's Crossing Residential Association, Inc. Application No. 13814 RFI
Attachments: Apple's_Crossing_13814_RFI_11.08.2021.pdf

Good morning Kyle,

Attached is a Request for Information (RFI) letter for Apple's Crossing Residential Association, Inc., application no. 13814.

Please provide a response by COB on 12/08/2021.

Should you have any questions, or if you need additional time to respond, please let me know.

Thank you,

*Hal E. Bailey, Jr.
Natural Resources Specialist III
Water Rights Permitting Team
Water Availability Division
Texas Commission on Environmental Quality
512-239-4615 Hal.Bailey@tceq.texas.gov*

Jon Niermann, *Chairman*
Emily Lindley, *Commissioner*
Bobby Janecka, *Commissioner*
Toby Baker, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

November 8, 2021

Mr. Kyle A. Dickey, P.E., CFM
Kimley-Horn and Associates.
6160 Warren Pkwy, Suite 210
Frisco, Texas 75034

VIA E-MAIL

RE: Apple's Crossing Residential Association, Inc.
WRPERM 13814
CN605732023, RN111351383
Application No. 13814 for a Water Use Permit
Texas Water Code § 11.121, Published and Mailed Notice Required
Barksdale Creek, Trinity River Basin
Collin County

Dear Mr. Dickey:

This acknowledges receipt, on October 12, 2021, of the referenced application.

Staff notes that the reservoir requested in Application 13814 was also requested in Application No. 13518, which was withdrawn. In order to facilitate processing Application 13814, staff suggests all information on the reservoir previously submitted with Application No. 13518.

Additional information and fees are required before the application can be declared administratively complete.

1. Provide a map that clearly identifies the reservoir and the lands to be inundated. Staff notes the "Fully Developed Drainage Area Map" submitted on July 14, 2021 with the withdrawn Application 13518 contained this type of information.
2. Provide a copy of the groundwater well permit or evidence that a groundwater well permit is not required from the North Texas Groundwater Conservation District. Staff acknowledge that the application indicates that a groundwater well permit will be obtained prior to construction. However, in order to declare the application Administratively Complete, the application must demonstrate that the applicant is in the process of obtaining any required groundwater well permits.

3. Please remit fees in the amount of \$590.23 as described below. Please make checks payable to the TCEQ or Texas Commission on Environmental Quality.

Filing Fee (Less than 100 ac-ft)	\$	100.00
Recording Fee	\$	25.00
Storage Fee (\$1.00 x 4.63 ac-ft)	\$	4.63
Notice Fees (Trinity River Basin + NTGCD)	\$	460.60
Total Fees	\$	590.23
Fees Received	\$	000.00
Fees Due	\$	590.23

Staff notes that additional information may be required prior to completion of technical review.

Please provide the requested information and fees by December 8, 2021 or the application may be returned pursuant to Title 30 Texas Administrative Code § 281.18.

If you have any questions concerning this matter, please contact me via email at hal.bailey@tceq.texas.gov or by telephone at (512) 239-4615.

Sincerely,

Hal E. Bailey, Jr.

Hal E. Bailey, Jr., Project Manager
Water Rights Permitting Team
Water Rights Permitting and Availability Section

Kimley»Horn

October 2nd, 2021

Texas Commission on Environmental Quality
Water Availability Division, MC-160
P.O. Box 13087
Austin, TX 78711-3087

RE: *Apple's Crossing Water Rights Application*

Dear TCEQ Representative:

Enclosed is an application to obtain a Water Rights Permit for a proposed project in the Town of Fairview, Texas.

Apple's Crossing Residential Association, Inc. has constructed a single-family development at the southeast corner of State Highway 5 and Country Club Road in Fairview. The project includes a regional detention pond with a dam on Barksdale Creek. Water will be impounded for recreational purposes. The impounded water will not be used for any other purpose. The TCEQ Dam Safety Program has approved the construction plans and specifications for the dam. A copy of the approval letter is attached.

The following items are included with this submittal package.

- Administrative Information Checklist
- Administrative Information Report
- Apple's Crossing Residential Association, Inc. Signature Authority
- Technical Information Report
- Worksheets: 1.0, 2.0, 3.0, 4.0, 4.1, 5.0, 6.0, 7.0, and 8.0
- Vicinity Map
- USGS Map
- Drainage Area Map
- Photographs Key Map and Photographs
- Property Deed
- TCEQ Dam Safety Program Approval Letter
- Letter Notice to Governing Bodies
- Certified Mail Receipts
- Evaporation Calculations
- Groundwater Well Information

If you have any questions, please contact me at [REDACTED] or (972) 731-2187.
Sincerely,



Kyle A. Dickey, P.E., CFM

RECEIVED

OCT 12 2021

Water Availability Division

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

TCEQ WATER RIGHTS PERMITTING APPLICATION

ADMINISTRATIVE INFORMATION CHECKLIST

Complete and submit this checklist for each application. See Instructions Page. 5.

APPLICANT(S): APPLE'S CROSSING RESIDENTIAL ASSOCIATION, INC.

Indicate whether the following items are included in your application by writing either Y (for yes) or N (for no) next to each item (all items are not required for every application).

Y/N

Y **Administrative Information Report**
N Additional Co-Applicant Information
N Additional Co-Applicant Signature Pages
Y Written Evidence of Signature Authority
Y **Technical Information Report**
Y USGS Map (or equivalent)
Y Map Showing Project Details
Y Original Photographs
N Water Availability Analysis
Y **Worksheet 1.0**
N Recorded Deeds for Irrigated Land
N Consent For Irrigation Land
N **Worksheet 1.1**
N Addendum to Worksheet 1.1
N **Worksheet 1.2**
N Addendum to Worksheet 1.2
Y **Worksheet 2.0**
N Additional W.S 2.0 for Each Reservoir
Y Dam Safety Documents
Y Notice(s) to Governing Bodies
Y Recorded Deeds for Inundated Land
N Consent For Inundation Land

Y/N

Y **Worksheet 3.0**
N Additional W.S 3.0 for each Point
N Recorded Deeds for Diversion Points
N Consent For Diversion Access
Y **Worksheet 4.0**
N TPDES Permit(s)
N WWTP Discharge Data
N 24-hour Pump Test
N Groundwater Well Permit
Y Signed Water Supply Contract
Y **Worksheet 4.1**
Y **Worksheet 5.0**
Y Addendum to Worksheet 5.0
N **Worksheet 6.0**
N Water Conservation Plan(s)
N Drought Contingency Plan(s)
N Documentation of Adoption
N **Worksheet 7.0**
N Accounting Plan
Y **Worksheet 8.0**
Y Fees

For Commission Use Only:

Proposed/Current Water Right Number: _____

Basin: _____ Watermaster area Y/N: _____

ADMINISTRATIVE INFORMATION REPORT

The following information is **required** for all new applications and amendments.

******Applicants are strongly encouraged to schedule a pre-application meeting with TCEQ Staff to discuss Applicant's needs prior to submitting an application. Call the Water Rights Permitting Team to schedule a meeting at (512) 239-4691.***

1. TYPE OF APPLICATION (Instructions, Page. 6)

Indicate, by marking X, next to the following authorizations you are seeking.

- ☒ New Appropriation of State Water
☐ Amendment to a Water Right *
☐ Bed and Banks

****If you are seeking an amendment to an existing water rights authorization, you must be the owner of record of the authorization. If the name of the Applicant in Section 2, does not match the name of the current owner(s) of record for the permit or certificate or if any of the co-owners is not included as an applicant in this amendment request, your application could be returned. If you or a co-applicant are a new owner, but ownership is not reflected in the records of the TCEQ, submit a change of ownership request (Form TCEQ-10204) prior to submitting the application for an amendment. See Instructions page. 6. Please note that an amendment application may be returned, and the Applicant may resubmit once the change of ownership is complete.***

Please summarize the authorizations or amendments you are seeking in the space below or attach a narrative description entitled "Summary of Request."

APPLE'S CROSSING RESIDENTIAL ASSOCIATION, INC. has constructed a single family

development at the southeast corner of State Highway 5 and Country Club Road in Fairview, TX.

The project includes a regional detention pond with a dam on Barksdale Creek.

Water will be impounded water for recreational purposes.

The impounded water will not be used for any other purpose. This application is

requesting authorization from TCEQ to impound water for recreational purposes. Water lost to

evaporation will be replaced with groundwater.

2. APPLICANT INFORMATION (Instructions, Page. 6)

a. Applicant

Indicate the number of Applicants/Co-Applicants 1
(Include a copy of this section for each Co-Applicant, if any)

What is the Full Legal Name of the individual or entity (applicant) applying for this permit?
APPLE'S CROSSING RESIDENTIAL ASSOCIATION, INC.

(If the Applicant is an entity, the legal name must be spelled exactly as filed with the Texas Secretary of State, County, or in the legal documents forming the entity.)

If the applicant is currently a customer with the TCEQ, what is the Customer Number (CN)?
You may search for your CN on the TCEQ website at
<http://www15.tceq.texas.gov/crpub/index.cfm?fuseaction=cust.CustSearch>

CN : _____ (leave blank if you do not yet have a CN).

What is the name and title of the person or persons signing the application? Unless an application is signed by an individual applicant, the person or persons must submit written evidence that they meet the signatory requirements in 30 TAC § 295.14.

First/Last Name: Bobby Samuel

Title: Vice President

Have you provided written evidence meeting the signatory requirements in 30 TAC § 295.14, as an attachment to this application? Yes, attached.

What is the applicant's mailing address as recognized by the US Postal Service (USPS)? You may verify the address on the USPS website at
<https://tools.usps.com/go/ZipLookupAction!input.action>.

Name: Apple's Crossing Resident

Mailing Address: 2805 Dallas Parkway #400

City: Plano

State: TX

ZIP Code: 75093

Indicate an X next to the type of Applicant:

<input type="checkbox"/> Individual	<input type="checkbox"/> Sole Proprietorship-D.B.A.
<input type="checkbox"/> Partnership	<input type="checkbox"/> Corporation
<input type="checkbox"/> Trust	<input type="checkbox"/> Estate
<input type="checkbox"/> Federal Government	<input type="checkbox"/> State Government
<input type="checkbox"/> County Government	<input type="checkbox"/> City Government
<input type="checkbox"/> Other Government	<input checked="" type="checkbox"/> Other Incorporated

For Corporations or Limited Partnerships, provide:

State Franchise Tax ID Number: 32068528119 SOS Charter (filing) Number: _____

3. APPLICATION CONTACT INFORMATION (Instructions, Page. 9)

If the TCEQ needs additional information during the review of the application, who should be contacted? Applicant may submit their own contact information if Applicant wishes to be the point of contact.

First and Last Name: Kyle A. Dickey, P.E., CFM

Title: Professional Engineer

Organization Name: Kimley-Horn and Associates

Mailing Address: 6160 Warren Pkwy. 210

City: Frisco

State: Texas

ZIP Code: 75034

Phone No.: 972.731.2187

Extension: N/A

Fax No.: N/A

E-mail Address:

4. **WATER RIGHT CONSOLIDATED CONTACT INFORMATION** **(Instructions, Page. 9)**

This section applies only if there are multiple Owners of the same authorization. Unless otherwise requested, Co-Owners will each receive future correspondence from the Commission regarding this water right (after a permit has been issued), such as notices and water use reports. Multiple copies will be sent to the same address if Co-Owners share the same address. Complete this section if there will be multiple owners and all owners agree to let one owner receive correspondence from the Commission. Leave this section blank if you would like all future notices to be sent to the address of each of the applicants listed in section 2 above.

I/We authorize all future notices be received on my/our behalf at the following:

First and Last Name:

Title:

Organization Name:

Mailing Address:

City:

State:

ZIP Code:

Phone No.:

Extension:

Fax No.:

E-mail Address:

NOT APPLICABLE - SINGLE OWNER

5. MISCELLANEOUS INFORMATION (Instructions, Page. 9)

- a. The application will not be processed unless 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 by all applicants/co-applicants. If you need assistance determining whether you owe delinquent penalties or fees, please call the Water Rights Permitting Team at (512) 239-4691, prior to submitting your application.

1. Does Applicant or Co-Applicant owe any fees to the TCEQ? Yes ☐ No ☒

If yes, provide the following information:

Account number:

Amount past due:

2. Does Applicant or Co-Applicant owe any penalties to the TCEQ? Yes ☐ No ☒

If yes, please provide the following information:

Enforcement order number:

Amount past due:

- b. If the Applicant is a taxable entity (corporation or limited partnership), the Applicant must be in good standing with the Comptroller or the right of the entity to transact business in the State may be forfeited. See Texas Tax Code, Subchapter F. Applicant's may check their status with the Comptroller at <https://mycpa.cpa.state.tx.us/coa/>

Is the Applicant or Co-Applicant in good standing with the Comptroller? ☒ Yes ☐ No

- c. The commission will not grant an application for a water right unless the applicant has submitted all Texas Water Development Board (TWDB) surveys of groundwater and surface water use – if required. See TWC §16.012(m) and 30 TAC § 297.41(a)(5).

Applicant has submitted all required TWDB surveys of groundwater and surface water? ☒ Yes ☐ No

6. SIGNATURE PAGE (Instructions, Page. 11)

Applicant:

I, Bobby Samuel Vice President
(Typed or printed name) (Title)

certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

I further certify that I am authorized under Title 30 Texas Administrative Code §295.14 to sign and submit this document and I have submitted written evidence of my signature authority.

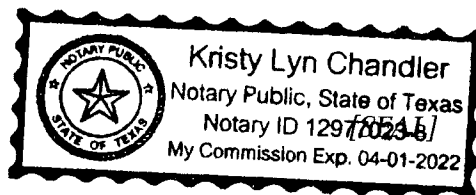
Signature: [Signature] Date: 10/4/2021
(Use blue ink)

Subscribed and Sworn to before me by the said

on this 4 day of October, 2021.

My commission expires on the 1 day of April, 2022.

Kristy Lyn Chandler
Notary Public
Colton
County, Texas



If the Application includes Co-Applicants, each Applicant and Co-Applicant must submit an original, separate signature page

APPLE'S CROSSING RESIDENTIAL ASSOCIATION, INC.

**CONSENT OF DIRECTORS IN LIEU OF
ORGANIZATIONAL MEETING**

The undersigned, being all of the members of the Board of Directors of Apple's Crossing Residential Association, Inc., a Texas non-profit corporation (hereinafter referred to as the "Association"), do hereby consent, pursuant to Section 22.220(a) of the Texas Business Organizations Code, to the adoption of the following resolutions:

1. DIRECTORS

RESOLVED, that each of the undersigned, being all of the directors of the Association, does hereby accept appointment to such office and does hereby agree to serve as a director of the Association until said director's successor or successors have been duly elected and qualified or until his or her earlier death, resignation, retirement, disqualification or removal from office.

2. COMMUNITY MANUAL

RESOLVED, that the Association has received a copy of the Community Manual adopted by the Declarant, in accordance with that certain Apple's Crossing Master Covenant [Residential], which the Declarant will cause to be recorded in the Official Public Records of Collin County, Texas.

3. OFFICERS

RESOLVED, that each of the following-named persons be and they hereby are elected as officers of the Association for the office or offices set forth below opposite his or her name, and to hold any such office to which elected until the first annual meeting of the Board of Directors of the Association or until his or her successor should be chosen and qualified in his or her stead, or until his or her earlier death, resignation, retirement, disqualification or removal from office:

Jed Dolson	-	President
Bobby Samuel	-	Vice President
Henry Dinh	-	Secretary/Treasurer

4. BOOKS AND RECORDS

RESOLVED, that the Secretary of the Association be and hereby is authorized and directed to maintain all necessary books and records of the Association.

APPLE'S CROSSING RESIDENTIAL ASSOCIATION, INC.
CONSENT OF DIRECTORS IN LIEU OF ORGANIZATIONAL MEETING

5. CONTRACTS AND AGREEMENTS

RESOLVED, that the officers of the Association be and are hereby authorized and directed, for and on behalf of the Association, to execute, acknowledge where necessary, and deliver any contracts and agreements, and any and all other documents and such other instruments as may be necessary to consummate transactions on behalf of the Association.

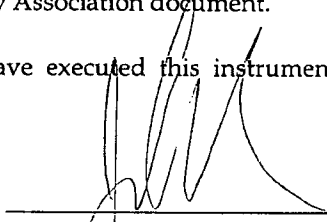
6. ORGANIZATIONAL EXPENSES

RESOLVED, that the President of the Association or other officer be and hereby is authorized and directed to pay all fees, expenses and costs incident to or necessary for the incorporation and organization of the Association and to reimburse any person who may have paid any of such fees, expenses and costs.

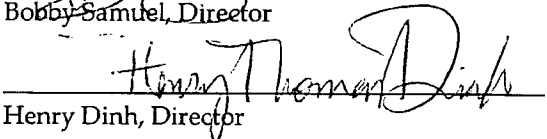
7. CORPORATE SEAL

RESOLVED, that a corporate seal is not adopted at this time and that no impression of a corporate seal is required on any Association document.

IN WITNESS WHEREOF, the undersigned have executed this instrument as of and effective the 28th day of September, 2018.



Jed Dolson, Director

Bobby Samuel, Director

Henry Dinh, Director

TECHNICAL INFORMATION REPORT

WATER RIGHTS PERMITTING

This Report is required for applications for new or amended water rights. Based on the Applicant's responses below, Applicant are directed to submit additional Worksheets (provided herein). A completed Administrative Information Report is also required for each application.

Applicants are strongly encouraged to schedule a pre-application meeting with TCEQ Permitting Staff to discuss Applicant's needs and to confirm information necessary for an application prior to submitting such application. Please call Water Availability Division at (512) 239-4600 to schedule a meeting. Applicant attended a pre-application meeting with TCEQ Staff for this Application? Y / N Yes (If yes, date : 08/16/2021).

1. New or Additional Appropriations of State Water. Texas Water Code (TWC) § 11.121 (Instructions, Page. 12)

State Water is: *The water of the ordinary flow, underflow, and tides of every flowing river, natural stream, and lake, and of every bay or arm of the Gulf of Mexico, and the storm water, floodwater, and rainwater of every river, natural stream, canyon, ravine, depression, and watershed in the state. TWC § 11.021.*

- a. Applicant requests a new appropriation (diversion or impoundment) of State Water? Y / N Y
- b. Applicant requests an amendment to an existing water right requesting an increase in the appropriation of State Water or an increase of the overall or maximum combined diversion rate? Y / N N (If yes, indicate the Certificate or Permit number: _____)

If Applicant answered yes to (a) or (b) above, does Applicant also wish to be considered for a term permit pursuant to TWC § 11.1381? Y / N N

- c. Applicant requests to extend an existing Term authorization or to make the right permanent? Y / N N (If yes, indicate the Term Certificate or Permit number: _____)

If Applicant answered yes to (a), (b) or (c), the following worksheets and documents are required:

- **Worksheet 1.0 – Quantity, Purpose, and Place of Use Information Worksheet**
- **Worksheet 2.0 - Impoundment/Dam Information Worksheet** (submit one worksheet for each impoundment or reservoir requested in the application)
- **Worksheet 3.0 - Diversion Point Information Worksheet** (submit one worksheet for each diversion point and/or one worksheet for the upstream limit and one worksheet for the downstream limit of each diversion reach requested in the application)
- **Worksheet 5.0 – Environmental Information Worksheet**
- **Worksheet 6.0 – Water Conservation Information Worksheet**
- **Worksheet 7.0 – Accounting Plan Information Worksheet**
- **Worksheet 8.0 – Calculation of Fees**
- **Fees calculated on Worksheet 8.0 – see instructions Page. 34.**
- **Maps – See instructions Page. 15.**
- **Photographs – See instructions Page. 30.**

Additionally, if Applicant wishes to submit an alternate source of water for the project/authorization, see Section 3, Page 3 for Bed and Banks Authorizations (Alternate sources may include groundwater, imported water, contract water or other sources).

Additional Documents and Worksheets may be required (see within).

2. Amendments to Water Rights. TWC § 11.122 (Instructions, Page. 12)

This section should be completed if Applicant owns an existing water right and Applicant requests to amend the water right. ***If Applicant is not currently the Owner of Record in the TCEQ Records, Applicant must submit a Change of Ownership Application (TCEQ-10204) prior to submitting the amendment Application or provide consent from the current owner to make the requested amendment. If the application does not contain consent from the current owner to make the requested amendment, TCEQ will not begin processing the amendment application until the Change of Ownership has been completed and will consider the Received Date for the application to be the date the Change of Ownership is completed. See instructions page. 6.***

Water Right (Certificate or Permit) number you are requesting to amend: N/A

Applicant requests to sever and combine existing water rights from one or more Permits or Certificates into another Permit or Certificate? Y / N _____ (if yes, complete chart below):

List of water rights to sever	Combine into this ONE water right

- a. Applicant requests an amendment to an existing water right to increase the amount of the appropriation of State Water (diversion and/or impoundment)? Y / N _____

If yes, application is a new appropriation for the increased amount, complete Section 1 of this Report (PAGE. 1) regarding New or Additional Appropriations of State Water.

- b. Applicant requests to amend existing Term authorization to extend the term or make the water right permanent (remove conditions restricting water right to a term of years)? Y / N _____

If yes, application is a new appropriation for the entire amount, complete Section 1 of this Report (PAGE. 1) regarding New or Additional Appropriations of State Water.

- c. Applicant requests an amendment to change the purpose or place of use or to add an additional purpose or place of use to an existing Permit or Certificate? Y / N _____

If yes, submit:

- **Worksheet 1.0 - Quantity, Purpose, and Place of Use Information Worksheet**
- **Worksheet 1.2 - Notice: "Marshall Criteria"**

- d. Applicant requests to change: diversion point(s); or reach(es); or diversion rate? Y / N _____
If yes, submit:

- **Worksheet 3.0 - Diversion Point Information Worksheet** (submit one worksheet for each diversion point or one worksheet for the upstream limit and one worksheet for the downstream limit of each diversion reach)
- **Worksheet 5.0 - Environmental Information** (Required for any new diversion points that are not already authorized in a water right)

- e. Applicant requests amendment to add or modify an impoundment, reservoir, or dam? Y / N _____

If yes, submit: Worksheet 2.0 - Impoundment/Dam Information Worksheet (submit one worksheet for each impoundment or reservoir)

- f. Other - Applicant requests to change any provision of an authorization not mentioned above? Y / N _____ *If yes, call the Water Availability Division at (512) 239-4600 to discuss.*

Additionally, all amendments require:

- **Worksheet 8.0 – Calculation of Fees; and Fees calculated – see instructions Page. 34**
- **Maps – See instructions Page. 15.**
- **Additional Documents and Worksheets may be required (see within).**

3. Bed and Banks. TWC § 11.042 (Instructions, Page 13)

- a. Pursuant to contract, Applicant requests authorization to convey, stored or conserved water to the place of use or diversion point of purchaser(s) using the bed and banks of a watercourse? TWC § 11.042(a). Y/N _____

If yes, submit a signed copy of the Water Supply Contract pursuant to 30 TAC §§ 295.101 and 297.101. Further, if the underlying Permit or Authorization upon which the Contract is based does not authorize Purchaser's requested Quantity, Purpose or Place of Use, or Purchaser's diversion point(s), then either:

- 1. Purchaser must submit the worksheets required under Section 1 above with the Contract Water identified as an alternate source; or*
- 2. Seller must amend its underlying water right under Section 2.*

- b. Applicant requests to convey water imported into the state from a source located wholly outside the state using the bed and banks of a watercourse? TWC § 11.042(a-1). Y / N _____

If yes, submit: worksheets 1.0, 2.0, 3.0, 4.0, 5.0, 7.0, 8.0, Maps and fees from the list below.

- c. Applicant requests to convey Applicant's own return flows derived from privately owned groundwater using the bed and banks of a watercourse? TWC § 11.042(b). Y / N _____

If yes, submit: worksheets 1.0, 2.0, 3.0, 4.0, 5.0, 7.0, 8.0, Maps, and fees from the list below.

- d. Applicant requests to convey Applicant's own return flows derived from surface water using the bed and banks of a watercourse? TWC § 11.042(c). Y / N _____

If yes, submit: worksheets 1.0, 2.0, 3.0, 4.0, 5.0, 6.0, 7.0, 8.0, Maps, and fees from the list below.

****Please note, if Applicant requests the reuse of return flows belonging to others, the Applicant will need to submit the worksheets and documents under Section 1 above, as the application will be treated as a new appropriation subject to termination upon direct or indirect reuse by the return flow discharger/owner.***

- e. Applicant requests to convey water from any other source, other than (a)-(d) above, using the bed and banks of a watercourse? TWC § 11.042(c). Y / N _____

If yes, submit: worksheets 1.0, 2.0, 3.0, 4.0, 5.0, 7.0, 8.0, Maps, and fees from the list below.

Worksheets and information:

- **Worksheet 1.0 – Quantity, Purpose, and Place of Use Information Worksheet**
- **Worksheet 2.0 - Impoundment/Dam Information Worksheet** (submit one worksheet for each impoundment or reservoir owned by the applicant through which water will be conveyed or diverted)
- **Worksheet 3.0 - Diversion Point Information Worksheet** (submit one worksheet for the downstream limit of each diversion reach for the proposed conveyances)
- **Worksheet 4.0 – Discharge Information Worksheet** (for each discharge point)

- **Worksheet 5.0 – Environmental Information Worksheet**
- **Worksheet 6.0 – Water Conservation Information Worksheet**
- **Worksheet 7.0 – Accounting Plan Information Worksheet**
- **Worksheet 8.0 – Calculation of Fees; and Fees calculated – see instructions Page. 34**
- **Maps – See instructions Page. 15.**
- **Additional Documents and Worksheets may be required (see within).**

4. General Information, Response Required for all Water Right Applications (Instructions, Page 15)

- a. 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 (*not required for applications to use groundwater-based return flows*). Include citations or page numbers for the State and Regional Water Plans, if applicable. Provide the information in the space below or submit a supplemental sheet entitled “Addendum Regarding the State and Regional Water Plans”:

The Town of Fairview is located in Collin County which is part of

Region C in the State's water plan. Region C does not have specific

groundwater requirements. The plan is consistent with the 2021 Region

C Water Plan and the 2022 State Water Plan because there is nothing

in the plans that conflicts with the application.

- b. Did the Applicant perform its own Water Availability Analysis? Y / N Y

If the Applicant performed its own Water Availability Analysis, provide electronic copies of any modeling files and reports.

- C. Does the application include required Maps? (Instructions **Page. 15**) Y / N Y

WORKSHEET 1.0

Quantity, Purpose and Place of Use

1. New Authorizations (Instructions, Page. 16)

Submit the following information regarding quantity, purpose and place of use for requests for new or additional appropriations of State Water or Bed and Banks authorizations:

Quantity (acre- feet) <i>(Include losses for Bed and Banks)</i>	State Water Source (River Basin) or Alternate Source <i>*each alternate source (and new appropriation based on return flows of others) also requires completion of Worksheet 4.0</i>	Purpose(s) of Use	Place(s) of Use <i>*requests to move state water out of basin also require completion of Worksheet 1.1 Interbasin Transfer</i>
4.63	Groundwater from Woodbine Aquifer	Recreation	Collin County

4.63 Total amount of water (in acre-feet) to be used annually (*include losses for Bed and Banks applications*)

If the Purpose of Use is Agricultural/Irrigation for any amount of water, provide:

a. Location Information Regarding the Lands to be Irrigated

i) Applicant proposes to irrigate a total of N/A 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 N/A acres in N/A County, TX.

ii) Location of land to be irrigated: In the N/A Original Survey No. N/A, Abstract No. N/A.

A copy of the deed(s) or other acceptable instrument describing the overall tract(s) with the recording information from the county records must be submitted. Applicant's name must match deeds.

If the Applicant is not currently the sole owner of the lands to be irrigated, Applicant must submit documentation evidencing consent or other documentation supporting Applicant's right to use the land described.

Water Rights for Irrigation may be appurtenant to the land irrigated and convey with the land unless reserved in the conveyance. 30 TAC § 297.81.

2. Amendments - Purpose or Place of Use (Instructions, Page. 12)

- a. Complete this section for each requested amendment ~~changing~~ adding, or removing Purpose(s) or Place(s) of Use, complete the following: N/A

Quantity (acre- feet)	Existing Purpose(s) of Use	Proposed Purpose(s) of Use*	Existing Place(s) of Use	Proposed Place(s) of Use**

**If the request is to add additional purpose(s) of use, include the existing and new purposes of use under "Proposed Purpose(s) of Use."*

***If the request is to add additional place(s) of use, include the existing and new places of use under "Proposed Place(s) of Use."*

Changes to the purpose of use in the Rio Grande Basin may require conversion. 30 TAC § 303.43.

- b. For any request which adds Agricultural purpose of use or changes the place of use for Agricultural rights, provide the following location information regarding the lands to be irrigated: N/A
- i. 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, TX.
 - ii. Location of land to be irrigated: In the _____ Original Survey No. _____, Abstract No. N/A.
A copy of the deed(s) describing the overall tract(s) with the recording information from the county records must be submitted. Applicant's name must match deeds. If the Applicant is not currently the sole owner of the lands to be irrigated, Applicant must submit documentation evidencing consent or other legal right for Applicant to use the land described.

Water Rights for Irrigation may be appurtenant to the land irrigated and convey with the land unless reserved in the conveyance. 30 TAC § 297.81.
- c. Submit Worksheet 1.1, Interbasin Transfers, for any request to change the place of use which moves State Water to another river basin.
- d. See Worksheet 1.2, Marshall Criteria, and submit if required.
- e. See Worksheet 6.0, Water Conservation/Drought Contingency, and submit if required.

WORKSHEET 1.1

INTERBASIN TRANSFERS, TWC § 11.085

Submit this worksheet for an application for a new or amended water right which requests to transfer State Water from its river basin of origin to use in a different river basin. A river basin is defined and designated by the Texas Water Development Board by rule pursuant to TWC § 16.051.

Applicant requests to transfer State Water to another river basin within the State? Y / N N

1. Interbasin Transfer Request (Instructions, Page. 20)

- a. Provide the Basin of Origin. _____
- b. Provide the quantity of water to be transferred (acre-feet). _____
- c. Provide the Basin(s) and count(y/ies) where use will occur in the space below:

2. Exemptions (Instructions, Page. 20), TWC § 11.085(v)

Certain interbasin transfers are exempt from further requirements. Answer the following:

- a. The proposed transfer, which in combination with any existing transfers, totals less than 3,000 acre-feet of water per annum from the same water right. Y/N
- b. The proposed transfer is from a basin to an adjoining coastal basin? Y/N
- c. The proposed transfer from the part of the geographic area of a county or municipality, or the part of the retail service area of a retail public utility as defined by Section 13.002, that is within the basin of origin for use in that part of the geographic area of the county or municipality, or that contiguous part of the retail service area of the utility, not within the basin of origin? Y/N
- d. The proposed transfer is for water that is imported from a source located wholly outside the boundaries of Texas, except water that is imported from a source located in the United Mexican States? Y/N

3. Interbasin Transfer Requirements (Instructions, Page. 20)

For each Interbasin Transfer request that is not exempt under any of the exemptions listed above Section 2, provide the following information in a supplemental attachment titled "Addendum to Worksheet 1.1, Interbasin Transfer":

- a. the contract price of the water to be transferred (if applicable) (also include a copy of the contract or adopted rate for contract water);
- b. a statement of each general category of proposed use of the water to be transferred and a detailed description of the proposed uses and users under each category;
- c. the cost of diverting, conveying, distributing, and supplying the water to, and treating the water for, the proposed users (example - expert plans and/or reports documents may be provided to show the cost);

- d. describe the need for the water in the basin of origin and in the proposed receiving basin based on the period for which the water supply is requested, but not to exceed 50 years (the need can be identified in the most recently approved regional water plans. The state and regional water plans are available for download at this website: <http://www.twdb.texas.gov/waterplanning/swp/index.asp>);
- e. address the factors identified in the applicable most recently approved regional water plans which address the following:
 - (i) the availability of feasible and practicable alternative supplies in the receiving basin to the water proposed for transfer;
 - (ii) the amount and purposes of use in the receiving basin for which water is needed;
 - (iii) proposed methods and efforts by the receiving basin to avoid waste and implement water conservation and drought contingency measures;
 - (iv) proposed methods and efforts by the receiving basin to put the water proposed for transfer to beneficial use;
 - (v) the projected economic impact that is reasonably expected to occur in each basin as a result of the transfer; and
 - (vi) the projected impacts of the proposed transfer that are reasonably expected to occur on existing water rights, instream uses, water quality, aquatic and riparian habitat, and bays and estuaries that must be assessed under Sections 11.147, 11.150, and 11.152 in each basin (*if applicable*). If the water sought to be transferred is currently authorized to be used under an existing permit, certified filing, or certificate of adjudication, such impacts shall only be considered in relation to that portion of the permit, certified filing, or certificate of adjudication proposed for transfer and shall be based on historical uses of the permit, certified filing, or certificate of adjudication for which amendment is sought;
- f. proposed mitigation or compensation, if any, to the basin of origin by the applicant; and
- g. the continued need to use the water for the purposes authorized under the existing Permit, Certified Filing, or Certificate of Adjudication, if an amendment to an existing water right is sought.

WORKSHEET 1.2

NOTICE. “THE MARSHALL CRITERIA”

This worksheet assists the Commission in determining notice required for certain **amendments** that do not already have a specific notice requirement in a rule for that type of amendment, and *that do not change the amount of water to be taken or the diversion rate*. The worksheet provides information that Applicant is **required** to submit for such amendments which include changes in use, changes in place of use, or other non-substantive changes in a water right (such as certain amendments to special conditions or changes to off-channel storage). These criteria address whether the proposed amendment will impact other water right holders or the on-stream environment beyond and irrespective of the fact that the water right can be used to its full authorized amount.

*This worksheet is **not required** for Applications in the Rio Grande Basin requesting changes in the purpose of use, rate of diversion, point of diversion, and place of use for water rights held in and transferred within and between the mainstems of the Lower Rio Grande, Middle Rio Grande, and Amistad Reservoir. See 30 TAC § 303.42.*

*This worksheet is **not required** for amendments which are only changing or adding diversion points, or request only a bed and banks authorization or an IBT authorization. However, Applicants may wish to submit the Marshall Criteria to ensure that the administrative record includes information supporting each of these criteria*

1. The “Marshall Criteria” (Instructions, Page. 21)

Submit responses on a supplemental attachment titled “Marshall Criteria” in a manner that conforms to the paragraphs (a) – (g) below:

- a. Administrative Requirements and Fees. Confirm whether application meets the administrative requirements for an amendment to a water use permit pursuant to TWC Chapter 11 and Title 30 Texas Administrative Code (TAC) Chapters 281, 295, and 297. An amendment application should include, but is not limited to, a sworn application, maps, completed conservation plan, fees, etc.
- b. Beneficial Use. Discuss how proposed amendment is a beneficial use of the water as defined in TWC § 11.002 and listed in TWC § 11.023. Identify the specific proposed use of the water (e.g., road construction, hydrostatic testing, etc.) for which the amendment is requested.
- c. Public Welfare. Explain how proposed amendment is not detrimental to the public welfare. Consider any public welfare matters that might be relevant to a decision on the application. Examples could include concerns related to the well-being of humans and the environment.
- d. Groundwater Effects. Discuss effects of proposed amendment on groundwater or groundwater recharge.

- e. State Water Plan. Describe how proposed amendment 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. The state and regional water plans are available for download at:
<http://www.twdb.texas.gov/waterplanning/swp/index.asp>.
- f. Waste Avoidance. Provide evidence that reasonable diligence will be used to avoid waste and achieve water conservation as defined in TWC § 11.002. Examples of evidence could include, but are not limited to, a water conservation plan or, if required, a drought contingency plan, meeting the requirements of 30 TAC Chapter 288.
- g. Impacts on Water Rights or On-stream Environment. Explain how proposed amendment will not impact other water right holders or the on-stream environment beyond and irrespective of the fact that the water right can be used to its full authorized amount.

WORKSHEET 2.0

Impoundment/Dam Information

This worksheet is **required** for any impoundment, reservoir and/or dam. Submit an additional Worksheet 2.0 for each impoundment or reservoir requested in this application.

If there is more than one structure, the numbering/naming of structures should be consistent throughout the application and on any supplemental documents (e.g. maps).

1. Storage Information (Instructions, Page. 21)

- a. Official USGS name of reservoir, if applicable: N/A
- b. Provide amount of water (in acre-feet) impounded by structure at normal maximum operating level: 4.63
- c. The impoundment is on-channel X or off-channel _____ (mark one)
- i. Applicant has verified on-channel or off-channel determination by contacting Surface Water Availability Team at (512) 239-4600? Y / NY
 - ii. If on-channel, will the structure have the ability to pass all State Water inflows that Applicant does not have authorization to impound? Y / NY
- d. Is the impoundment structure already constructed? Y / N _____
- Dam is currently constructed. Temporary Pipe will allow water to not be impounded until a Water Rights Permit is received.
- i. For already constructed **on-channel** structures:
 - 1. Date of Construction: July 2018-Current
 - 2. Was it constructed to be an exempt structure under TWC § 11.142? Y / NN
 - a. If Yes, is Applicant requesting to proceed under TWC § 11.143? Y / NN
 - b. If No, has the structure been issued a notice of violation by TCEQ? Y / NN
 - 3. Is it a U.S. Natural Resources Conservation Service (NRCS) (formerly Soil Conservation Service (SCS)) floodwater-retarding structure? Y / NN
 - a. If yes, provide the Site No. _____ and watershed project name _____;
 - b. Authorization to close "ports" in the service spillway requested? Y / NN
 - ii. For **any** proposed new structures or modifications to structures:
 - 1. Applicant **must** contact TCEQ Dam Safety Section at (512) 239-0326, *prior to submitting an Application*. Applicant has contacted the TCEQ Dam Safety Section regarding the submission requirements of 30 TAC, Ch. 299? Y / NY
Provide the date and the name of the Staff Person JUNE 20, 2018 TRAVIS WILMER
 - 2. As a result of Applicant's consultation with the TCEQ Dam Safety Section, TCEQ has confirmed that:
 - a. No additional dam safety documents required with the Application. Y / NN
 - b. Plans (with engineer's seal) for the structure required. Y / NY
 - c. Engineer's signed and sealed hazard classification required. Y / NY
 - d. Engineer's statement that structure complies with 30 TAC, Ch. 299 Rules required. Y / NY

3. Applicants **shall** give notice by certified mail to each member of the governing body of each county and municipality in which the reservoir, or any part of the reservoir to be constructed, will be located. (30 TAC § 295.42). Applicant must submit a copy of all the notices and certified mailing cards with this Application. Notices and cards are included? Y / N Y

iii. Additional information required for **on-channel** storage:

1. Surface area (in acres) of on-channel reservoir at normal maximum operating level: 1.17.
2. Based on the Application information provided, Staff will calculate the drainage area above the on-channel dam or reservoir. If Applicant wishes to also calculate the drainage area they may do so at their option.
Applicant has calculated the drainage area. Y/N Y
If yes, the drainage area is 0.2591 sq. miles.
(If assistance is needed, call the Surface Water Availability Team prior to submitting the application, (512) 239-4600).

2. Structure Location (Instructions, Page. 23)

- a. On Watercourse (if on-channel) (USGS name): BARKSDALE CREEK
- b. Zip Code: 75069
- c. In the SAMUEL SLOAN Original Survey No. _____, Abstract No. 791,
COLLIN County, Texas.

**** A copy of the deed(s) with the recording information from the county records must be submitted describing the tract(s) that include the structure and all lands to be inundated.***

*****If the Applicant is not currently the sole owner of the land on which the structure is or will be built and sole owner of all lands to be inundated, Applicant must submit documentation evidencing consent or other documentation supporting Applicant's right to use the land described.***

- d. A point on the centerline of the dam (on-channel) or anywhere within the impoundment (off-channel) is:

Latitude 33.153322 °N, Longitude 96.632498 °W.

****Provide Latitude and Longitude coordinates in decimal degrees to at least six decimal places***

- di. Indicate the method used to calculate the location (examples: Handheld GPS Device, GIS, Mapping Program): TCEQ GIS SOMAVIEW WEBSITE
- dii. Map submitted which clearly identifies the Impoundment, dam (where applicable), and the lands to be inundated. See instructions Page. 15. Y / N Y

WORKSHEET 3.0

DIVERSION POINT (OR DIVERSION REACH) INFORMATION

This worksheet is **required** for each diversion point or diversion reach. Submit one Worksheet 3.0 for **each** diversion point and two Worksheets for **each** diversion reach (one for the upstream limit and one for the downstream limit of each diversion reach).

The numbering of any points or reach limits should be consistent throughout the application and on supplemental documents (e.g. maps). NOT APPLICABLE. NO DIVERSIONS PROPOSED.

1. Diversion Information (Instructions, Page. 24)

a. This Worksheet is to add new (select 1 of 3 below):

1. ___ Diversion Point No.
2. ___ Upstream Limit of Diversion Reach No.
3. ___ Downstream Limit of Diversion Reach No.

b. Maximum Rate of Diversion for **this new point** _____ cfs (cubic feet per second)
or _____ gpm (gallons per minute)

c. Does this point share a diversion rate with other points? Y / N _____
*If yes, submit Maximum **Combined** Rate of Diversion for all points/reaches* _____ cfs or _____ gpm

d. For amendments, is Applicant seeking to increase combined diversion rate? Y / N _____

*** An increase in diversion rate is considered a new appropriation and would require completion of Section 1, New or Additional Appropriation of State Water.*

e. Check (✓) the appropriate box to indicate diversion location and indicate whether the diversion location is existing or proposed):

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

f. Based on the Application information provided, Staff will calculate the drainage area above the diversion point (or reach limit). If Applicant wishes to also calculate the drainage area, you may do so at their option.

Applicant has calculated the drainage area. Y / N _____

If yes, the drainage area is _____ sq. miles.

(If assistance is needed, call the Surface Water Availability Team at (512) 239-4600, prior to submitting application)

2. Diversion Location (Instructions, Page 25)

- a. On watercourse (USGS name): _____
- b. Zip Code: _____
- c. Location of point: In the _____ Original Survey No. _____, Abstract No. _____, _____ County, Texas.

A copy of the deed(s) with the recording information from the county records must be submitted describing tract(s) that include the diversion structure.

For diversion reaches, the Commission cannot grant an Applicant access to property that the Applicant does not own or have consent or a legal right to access, the Applicant will be required to provide deeds, or consent, or other documents supporting a legal right to use the specific points when specific diversion points within the reach are utilized. Other documents may include, but are not limited to: a recorded easement, a land lease, a contract, or a citation to the Applicant's right to exercise eminent domain to acquire access.

- d. Point is at:
Latitude _____°N, Longitude _____°W.
Provide Latitude and Longitude coordinates in decimal degrees to at least six decimal places
- e. Indicate the method used to calculate the location (examples: Handheld GPS Device, GIS, Mapping Program): _____
- f. Map submitted must clearly identify each diversion point and/or reach. See instructions Page. 38.
- g. If the Plan of Diversion is complicated and not readily discernable from looking at the map, attach additional sheets that fully explain the plan of diversion.

WORKSHEET 4.0

DISCHARGE INFORMATION

This worksheet required for any requested authorization to discharge water into a State Watercourse for conveyance and later withdrawal or in-place use. Worksheet 4.1 is also required for each Discharge point location requested. **Instructions Page. 26. Applicant is responsible for obtaining any separate water quality authorizations which may be required and for insuring compliance with TWC, Chapter 26 or any other applicable law.**

- a. The purpose of use for the water being discharged will be _____ to replace water lost to evaporation and recreation.
- b. Provide the amount of water that will be lost to transportation, evaporation, seepage, channel or other associated carriage losses 6.9 ac-ft % and explain the method of calculation: Evaporation calculations were done using the maximum TWDB annual evaporation and converting it to an annual volume.

Is the source of the discharged water return flows? Y / N N If yes, provide the following information:

1. The TPDES Permit Number(s). _____ (attach a copy of the **current** TPDES permit(s))
2. Applicant is the owner/holder of each TPDES permit listed above? Y / N _____

PLEASE NOTE: If Applicant is not the discharger of the return flows, the application should be submitted under Section 1, New or Additional Appropriation of State Water, as a request for a new appropriation of state water. If Applicant is the discharger, then the application should be submitted under Section 3, Bed and Banks.

3. Monthly WWTP discharge data for the past 5 years in electronic format. (Attach and label as "Supplement to Worksheet 4.0").
 4. The percentage of return flows from groundwater _____, surface water _____?
 5. If any percentage is surface water, provide the base water right number(s) _____.
- c. Is the source of the water being discharged groundwater? Y / N Y If yes, provide the following information:
1. Source aquifer(s) from which water will be pumped: Woodbine Aquifer
 2. Any 24 hour pump test for the well if one has been conducted. If the well has not been constructed, provide production information for wells in the same aquifer in the area of the application. See <http://www.twdb.texas.gov/groundwater/data/gwdbbrpt.asp>. Additionally, provide well numbers or identifiers See attached Groundwater Availability Evaluation Report.
 3. Indicate how the groundwater will be conveyed to the stream or reservoir.
Groundwater will be pumped to recharge the existing pond through a proposed well.
 4. A copy of the groundwater well permit if it is located in a Groundwater Conservation District (GCD) or evidence that a groundwater well permit is not required.
A permit will be obtained prior to construction.
- ci. Is the source of the water being discharged a surface water supply contract? Y / N N
If yes, provide the signed contract(s).
- cii. Identify any other source of the water _____

WORKSHEET 4.1

DISCHARGE POINT INFORMATION

This worksheet is required for **each** discharge point. Submit one Worksheet 4.1 for each discharge point. If there is more than one discharge point, the numbering of the points should be consistent throughout the application and on any supplemental documents (e.g. maps).
Instructions, Page 27.

For water discharged at this location provide:

- a. The amount of water that will be discharged at this point is 6.9 acre-feet per year. The discharged amount should include the amount needed for use and to compensate for any losses.
- b. Water will be discharged at this point at a maximum rate of 0.02 cfs or 8.2 gpm.
- c. Name of Watercourse as shown on Official USGS maps: Barksdale Creek
- d. Zip Code 75069
- f. Location of point: In the Samuel Sloan Original Survey No. _____, Abstract No. 791, Collin County, Texas.
- g. Point is at:
Latitude 33.154369 °N, Longitude 96.632406 °W.
****Provide Latitude and Longitude coordinates in decimal degrees to at least six decimal places***
- h. Indicate the method used to calculate the discharge point location (examples: Handheld GPS Device, GIS, Mapping Program): AutoCAD Civil 3D 2020

Map submitted must clearly identify each discharge point. See instructions Page. 15.

WORKSHEET 5.0 ENVIRONMENTAL INFORMATION

1. Impingement and Entrainment

This section is required for any new diversion point that is not already authorized. Indicate the measures the applicant will take to avoid impingement and entrainment of aquatic organisms (ex. Screens on any new diversion structure that is not already authorized in a water right). **Instructions, Page 29.**

The applicant will take reasonable measures to avoid impingement and entrainment which include, but are

not limited to screens on the new diversion structure.

2. New Appropriations of Water (Canadian, Red, Sulphur, and Cypress Creek Basins only) and Changes in Diversion Point(s)

This section is required for new appropriations of water in the Canadian, Red, Sulphur, and Cypress Creek Basins and in all basins for requests to change a diversion point. **Instructions, Page 30.**

N/A

Description of the Water Body at each Diversion Point or Dam Location. (Provide an Environmental Information Sheet for each location),

a. Identify the appropriate description of the water body.

☒ Stream

☐ Reservoir

Average depth of the entire water body, in feet: _____

☐ Other, specify: _____

b. Flow characteristics

If a stream, was checked above, provide the following. For new diversion locations, check one of the following that best characterize the area downstream of the diversion (check one).

☒ Intermittent - dry for at least one week during most years

☐ Intermittent with Perennial Pools - enduring pools

☐ Perennial - normally flowing

Check the method used to characterize the area downstream of the new diversion location.

☐ USGS flow records

☐ Historical observation by adjacent landowners

☐ Personal observation

☐ Other, specify: _____

c. Waterbody aesthetics

Check one of the following that best describes the aesthetics of the stream segments affected by the application and the area surrounding those stream segments.

- ☐ Wilderness: outstanding natural beauty; usually wooded or unpastured area; water clarity exceptional
- ☐ Natural Area: trees and/or native vegetation common; some development evident (from fields, pastures, dwellings); water clarity discolored
- ☒ Common Setting: not offensive; developed but uncluttered; water may be colored or turbid
- ☐ Offensive: stream does not enhance aesthetics; cluttered; highly developed; dumping areas; water discolored

d. Waterbody Recreational Uses

Are there any known recreational uses of the stream segments affected by the application?

- ☐ Primary contact recreation (swimming or direct contact with water)
- ☐ Secondary contact recreation (fishing, canoeing, or limited contact with water)
- ☒ Non-contact recreation

Submit the following information in a Supplemental Attachment, labeled Addendum to Worksheet 5.0:

1. Photographs of the stream at the diversion point or dam location. Photographs should be in color and show the proposed point or reservoir and upstream and downstream views of the stream, including riparian vegetation along the banks. Include a description of each photograph and reference the photograph to the map submitted with the application indicating the location of the photograph and the direction of the shot.

2. If the application includes a proposed reservoir, also include:

i. A brief description of the area that will be inundated by the reservoir.

NOT REQUIRED

ii. If a United States Army Corps of Engineers (USACE) 404 permit is required, provide the project number and USACE project manager.

iii. A description of how any impacts to wetland habitat, if any, will be mitigated if the reservoir is greater than 5,000 acre-feet.

3. Alternate Sources of Water and/or Bed and Banks Applications

This section is required for applications using an alternate source of water and bed and banks applications in any basins. **Instructions, page 31.**

a. For all bed and banks applications:

- i. Submit an assessment of the adequacy of the quantity and quality of flows remaining after the proposed diversion to meet instream uses and bay and estuary freshwater inflow requirements.

b. For all alternate source applications:

- i. If the alternate source is treated return flows, provide the TPDES permit number_____
- ii. If groundwater is the alternate source, or groundwater or other surface water will be discharged into a watercourse provide:
Reasonably current water chemistry information including but not limited to the following parameters in the table below. Additional parameters may be requested if there is a specific water quality concern associated with the aquifer from which water is withdrawn. If data for onsite wells are unavailable; historical data collected from similar sized wells drawing water from the same aquifer may be provided. However, onsite data may still be required when it becomes available. Provide the well number or well identifier. Complete the information below for each well and provide the Well Number or identifier.

Groundwater Well: 18-51-902

Parameter	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
Sulfate, mg/L	155	163	2	Bottle	3-18-1983;10-22-1997
Chloride, mg/L	43.7	50	2	Bottle	3-18-1983;10-22-1997
Total Dissolved Solids, mg/L	730	746	2	Bottle	3-18-1983;10-22-1997
pH, standard units	8.2	8.5	2	Bottle	3-18-1983;10-22-1997
Temperature*, degrees Celsius	22.4	23.8	2	Bottle	3-18-1983;10-22-1997

* Temperature must be measured onsite at the time the groundwater sample is collected.

- iii. If groundwater will be used, provide the depth of the well 1415 and the name of the aquifer from which water is withdrawn Woodbine Aquifer.

WORKSHEET 6.0

Water Conservation/Drought Contingency Plans

This form is intended to assist applicants in determining whether a Water Conservation Plan and/or Drought Contingency Plans is required and to specify the requirements for plans.
Instructions, Page 31.

The TCEQ has developed guidance and model plans to help applicants prepare plans. Applicants may use the model plan with pertinent information filled in. For assistance submitting a plan call the Resource Protection Team (Water Conservation staff) at 512-239-4600, or e-mail wras@tceq.texas.gov. The model plans can also be downloaded from the TCEQ webpage. Please use the most up-to-date plan documents available on the webpage.

1. Water Conservation Plans

N/A. Use is only for recreation, not municipal, industrial / mining, agricultural, or water supply.

- a. The following applications must include a completed Water Conservation Plan (30 TAC § 295.9) for each use specified in 30 TAC, Chapter 288 (municipal, industrial or mining, agriculture – including irrigation, wholesale):

1. Request for a new appropriation or use of State Water.
2. Request to amend water right to increase appropriation of State Water.
3. Request to amend water right to extend a term.
4. Request to amend water right to change a place of use.
**does not apply to a request to expand irrigation acreage to adjacent tracts.*
5. Request to amend water right to change the purpose of use.
**applicant need only address new uses.*
6. Request for bed and banks under TWC § 11.042(c), when the source water is State Water
**including return flows, contract water, or other State Water.*

- b. If Applicant is requesting any authorization in section (1)(a) above, indicate each use for which Applicant is submitting a Water Conservation Plan as an attachment:

1. ____Municipal Use. See 30 TAC § 288.2. **
2. ____Industrial or Mining Use. See 30 TAC § 288.3.
3. ____Agricultural Use, including irrigation. See 30 TAC § 288.4.
4. ____Wholesale Water Suppliers. See 30 TAC § 288.5. **

****If Applicant is a water supplier, Applicant must also submit documentation of adoption of the plan. Documentation may include an ordinance, resolution, or tariff, etc. See 30 TAC §§ 288.2(a)(1)(J)(i) and 288.5(1)(H). Applicant has submitted such documentation with each water conservation plan? Y / N____**

- c. Water conservation plans submitted with an application must also include data and information which: supports applicant's proposed use with consideration of the plan's water conservation goals; evaluates conservation as an alternative to the proposed

appropriation; and evaluates any other feasible alternative to new water development.
See 30 TAC § 288.7.

Applicant has included this information in each applicable plan? Y / N____

2. Drought Contingency Plans

- a. A drought contingency plan is also required for the following entities if Applicant is requesting any of the authorizations in section (1) (a) above - indicate each that applies:
 1. ____Municipal Uses by public water suppliers. See 30 TAC § 288.20.
 2. ____Irrigation Use/ Irrigation water suppliers. See 30 TAC § 288.21.
 3. ____Wholesale Water Suppliers. See 30 TAC § 288.22.
- b. If Applicant must submit a plan under section 2(a) above, Applicant has also submitted documentation of adoption of drought contingency plan (*ordinance, resolution, or tariff, etc. See 30 TAC § 288.30*) Y / N____

WORKSHEET 7.0

ACCOUNTING PLAN INFORMATION WORKSHEET

The following information provides guidance on when an Accounting Plan may be required for certain applications and if so, what information should be provided. An accounting plan can either be very simple such as keeping records of gage flows, discharges, and diversions; or, more complex depending on the requests in the application. Contact the Surface Water Availability Team at 512-239-4600 for information about accounting plan requirements, if any, for your application. **Instructions, Page 34.**

1. Is Accounting Plan Required

Accounting Plans are generally required:

- For applications that request authorization to divert large amounts of water from a single point where multiple diversion rates, priority dates, and water rights can also divert from that point;
- For applications for new major water supply reservoirs;
- For applications that amend a water right where an accounting plan is already required, if the amendment would require changes to the accounting plan;
- For applications with complex environmental flow requirements;
- For applications with an alternate source of water where the water is conveyed and diverted; and
- For reuse applications.

Based on these bullets, an accounting plan is not required.

2. Accounting Plan Requirements

a. A **text file** that includes:

1. an introduction explaining the water rights and what they authorize;
2. an explanation of the fields in the accounting plan spreadsheet including how they are calculated and the source of the data;
3. for accounting plans that include multiple priority dates and authorizations, a section that discusses how water is accounted for by priority date and which water is subject to a priority call by whom; and
4. Should provide a summary of all sources of water.

b. A **spreadsheet** that includes:

1. Basic daily data such as diversions, deliveries, compliance with any instream flow requirements, return flows discharged and diverted and reservoir content;
2. Method for accounting for inflows if needed;
3. Reporting of all water use from all authorizations, both existing and proposed;
4. An accounting for all sources of water;
5. An accounting of water by priority date;
6. For bed and banks applications, the accounting plan must track the discharged water from the point of delivery to the final point of diversion;
7. Accounting for conveyance losses;
8. Evaporation losses if the water will be stored in or transported through a reservoir. Include changes in evaporation losses and a method for measuring reservoir content resulting from the discharge of additional water into the reservoir;
9. An accounting for spills of other water added to the reservoir; and
10. Calculation of the amount of drawdown resulting from diversion by junior rights or diversions of other water discharged into and then stored in the reservoir.

WORKSHEET 8.0 CALCULATION OF FEES

This worksheet is for calculating required application fees. Applications are not Administratively Complete until all required fees are received. **Instructions, Page. 34**

1. NEW APPROPRIATION

	Description	Amount (\$)
Filing Fee	Circle fee correlating to the total amount of water* requested for any new appropriation and/or impoundment. Amount should match total on Worksheet 1, Section 1. Enter corresponding fee under Amount (\$) . <u>In Acre-Feet</u> a. Less than 100 \$100.00 b. 100 - 5,000 \$250.00 c. 5,001 - 10,000 \$500.00 d. 10,001 - 250,000 \$1,000.00 e. More than 250,000 \$2,000.00	\$100
Recording Fee		\$25.00
Agriculture Use Fee	<i>Only for those with an Irrigation Use.</i> Multiply 50¢ x <u>0</u> Number of acres that will be irrigated with State Water. **	\$0.00
Use Fee	<i>Required for all Use Types, excluding Irrigation Use.</i> Multiply \$1.00 x <u>0</u> Maximum annual diversion of State Water in acre-feet. **	\$0.00
Recreational Storage Fee	<i>Only for those with Recreational Storage.</i> Multiply \$1.00 x <u>4.63</u> acre-feet of in-place Recreational Use State Water to be stored at normal max operating level.	\$4.63
Storage Fee	<i>Only for those with Storage, excluding Recreational Storage.</i> Multiply 50¢ x <u>0</u> acre-feet of State Water to be stored at normal max operating level.	\$0.00
Mailed Notice	Cost of mailed notice to all water rights in the basin. Contact Staff to determine the amount (512) 239-4600.	
TOTAL		\$

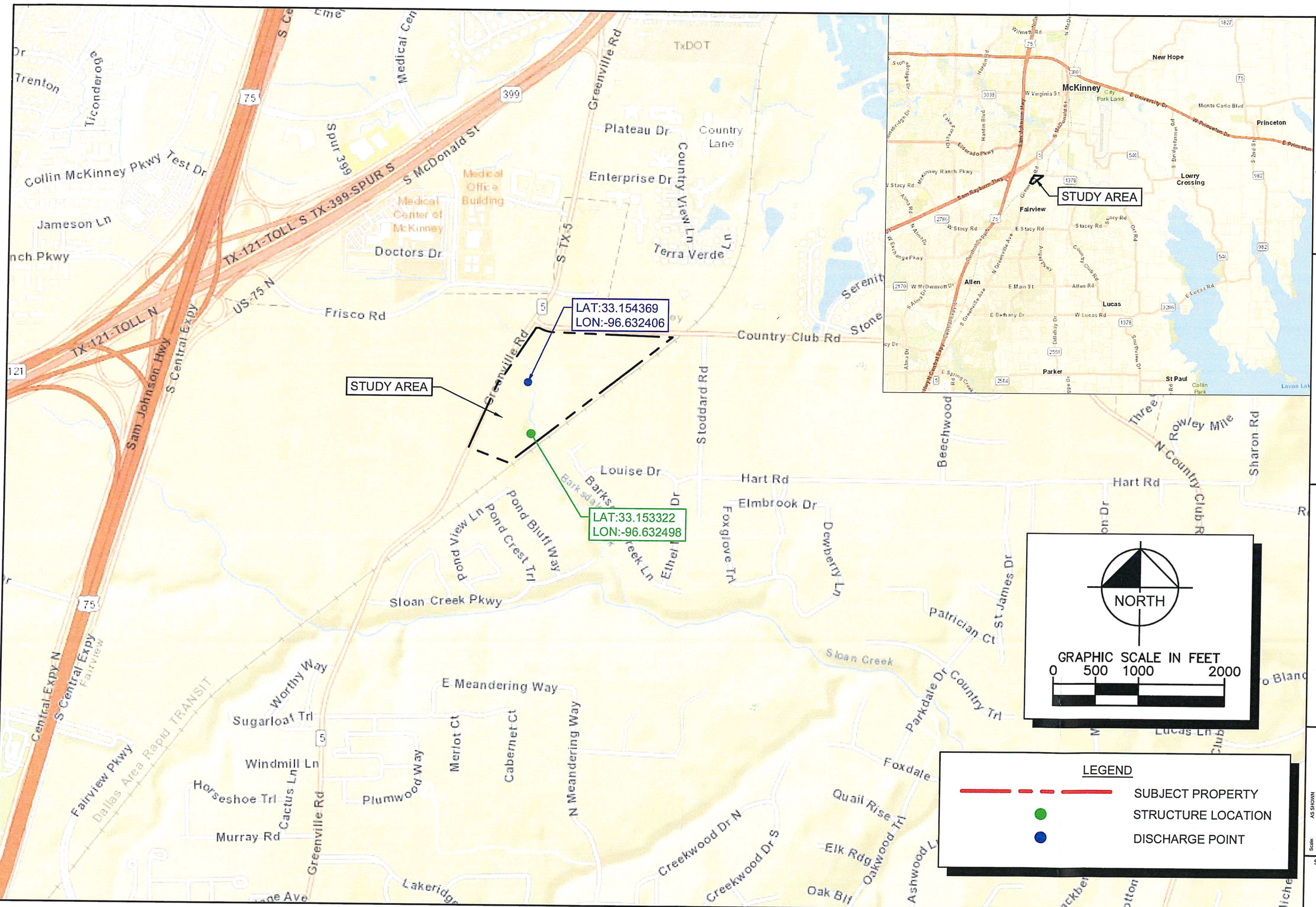
2. AMENDMENT OR SEVER AND COMBINE

	Description	Amount (\$)
Filing Fee	Amendment: \$100 OR Sever and Combine: \$100 x <u> </u> of water rights to combine	
Recording Fee		\$12.50
Mailed Notice	Additional notice fee to be determined once application is submitted.	
TOTAL INCLUDED		\$

3. BED AND BANKS

	Description	Amount (\$)
Filing Fee		\$100.00
Recording Fee		\$12.50
Mailed Notice	Additional notice fee to be determined once application is submitted.	
TOTAL INCLUDED		\$

Images - V:\Vmap\SmallScale -
XREF Map - XREF 1117 - XREF 1117
DWG NAME - K:\P\INFORMATION\APPLE'S CROSSING\VICINITYMAP.DWG
LAST SAVED - 9/2/2018 1:03 PM



Kimley»Horn

6160 Warren Pkwy, Suite 210
Frisco, Texas 75034
Engineering Firm Registration # F-928

APPLE'S CROSSING
TOWN OF FAIRVIEW, TEXAS




VICINITY MAP

Scale: AS SHOWN
Designed by: DCW
Drawn by: DCW
Checked by: KAD
Date: AUGUST 2018
Project No. 08497504

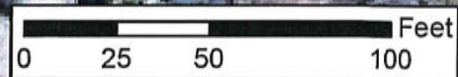
SHEET NUMBER

3

Legend

-  EXISTING CULVERT INLET
-  PHOTO LOCATIONS
-  STUDY AREA

LABEL	DESCRIPTION
A	Upstream side of existing culvert
B	Upstream side of existing culvert headwall
C	Upstream side of existing culvert
D	Existing rail road facing southwest
E	Facing upstream culvert from railroad
F	Existing rail road facing northeast
G	Facing downstream culvert from railroad
H	Downstream ripple pond from culvert headwall
I	Downstream side of culvert
J	Upstream side of culvert with new RCP
K	Facing downstream from railroad with new RCP
L	Downstream side of culvert with new RCP



DATE:	AUG 2018
DESIGN:	DCW
DRAWN:	DCW
CHECKED:	KAD
KHA NO.:	064497504

Photo Key Map

Apple's Crossing

Fairview, Collin County, Texas



Kimley»Horn

This product is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries.

Document Path: K:\ERI_Hydro\064497504 - Apple's Crossing\GIS\AerialMapPhotoKeyMap.mxd



Photograph A – Upstream side of existing culvert

Photograph B – Upstream side of existing culvert headwall





Photograph C – Upstream side of existing culvert



Photograph D – Existing rail road facing southwest



Photograph E – Facing upstream culvert from railroad



Photograph F – Existing rail road facing northeast



Photograph G – Facing downstream culvert from railroad



Photograph H – Downstream ripple pond from culvert headwall



Photograph I – Downstream side of culvert



Photograph J – Upstream side of culvert with new RCP

Photograph K – Facing downstream from railroad with new RCP





Photograph L – Downstream side of culvert with new RCP

NOTICE OF CONFIDENTIALITY RIGHTS: IF YOU ARE A NATURAL PERSON, YOU MAY REMOVE OR STRIKE ANY OF THE FOLLOWING INFORMATION FROM ANY INSTRUMENT THAT TRANSFERS AN INTEREST IN REAL PROPERTY BEFORE IT IS FILED FOR RECORD IN THE PUBLIC RECORDS: YOUR SOCIAL SECURITY NUMBER OR YOUR DRIVER'S LICENSE NUMBER.

SPECIAL WARRANTY DEED

STATE OF TEXAS §
 § KNOW ALL MEN BY THESE PRESENTS:
COUNTY OF COLLIN §

THAT, GRBK FRISCO LLC, a Texas limited liability company ("Grantor"), for and in consideration of the sum of Ten and No/100 Dollars (\$10.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, paid to Grantor by APPLE'S CROSSING RESIDENTIAL ASSOCIATION, INC., a Texas nonprofit corporation ("Grantee"), has GRANTED, BARGAINED, SOLD and CONVEYED, and by these presents does GRANT, BARGAIN, SELL and CONVEY unto Grantee, that certain real property situated in Collin County, Texas, more particularly described on Exhibit A attached hereto and incorporated herein by reference for all purposes, together with all improvements located thereon (collectively, the "Property").

Grantor does further GRANT, BARGAIN, SELL and CONVEY unto Grantee, but without any warranties, including any of the warranties hereinafter set forth, any and all of Grantor's rights, title and interests in and to any adjacent streets, alleys or rights-of-way and any other interests of Grantor appurtenant to the Property.

This conveyance and the warranties of title herein are expressly made subject to all encumbrances, easements and other matters filed of record, but only to the extent such encumbrances, easement and other matters are valid, subsisting and in fact affect the Property.

TO HAVE AND TO HOLD the Property (subject to the foregoing) unto Grantee and Grantee's successors and assigns forever, and Grantor (except with respect to the above-described property as to which Grantor has expressly provided as being conveyed without warranty) does hereby bind Grantor and Grantor's successors and assigns to WARRANT and FOREVER DEFEND, all and singular, the Property unto Grantee and Grantee's successors and assigns, against every person whomsoever lawfully claiming or to claim the same or any part thereof, by, through or under Grantor, but not otherwise.

GRANTEE ACKNOWLEDGES THAT, EXCEPT FOR THE SPECIAL WARRANTY OF TITLE SET FORTH IN THIS DEED, GRANTOR HAS NOT MADE AND DOES NOT MAKE ANY COVENANT OR WARRANTY OF ANY KIND, EXPRESS, IMPLIED OR STATUTORY, AND THE PROPERTY IS CONVEYED AND TRANSFERRED TO GRANTEE "AS IS, WHERE IS AND WITH ALL FAULTS". GRANTOR DOES NOT WARRANT OR MAKE ANY REPRESENTATION, EXPRESS OR IMPLIED, AS TO FITNESS FOR A PARTICULAR PURPOSE, MERCHANTABILITY, DESIGN, QUANTITY, QUALITY, LAYOUT, FOOTAGE, PHYSICAL CONDITION, VALUE, OPERATION, COMPLIANCE WITH SPECIFICATIONS, ABSENCE OF LATENT DEFECTS, OR COMPLIANCE WITH LAWS AND REGULATIONS (INCLUDING, WITHOUT LIMITATION, THOSE RELATING TO HEALTH, SAFETY AND THE ENVIRONMENT) OR ANY OTHER MATTER AFFECTING THE PROPERTY, AND GRANTOR SHALL BE UNDER NO OBLIGATION WHATSOEVER TO UNDERTAKE ANY REPAIRS, ALTERATIONS OR OTHER WORK OF ANY KIND WITH RESPECT TO ANY PORTION OF THE PROPERTY. GRANTEE HEREBY ASSUMES ALL RISK AND LIABILITY RESULTING FROM THE OWNERSHIP, USE, CONDITION,

LOCATION, MAINTENANCE, REPAIR OR OPERATION OF THE PROPERTY, WHICH GRANTEE HAS INSPECTED AND ACCEPTS "AS IS".

By acceptance of this Special Warranty Deed, Grantee hereby assumes responsibility for (a) payment of all ad valorem taxes and assessments pertaining to the Property for the calendar year 2018 and all subsequent years, and (b) maintaining the Property.

EXECUTED to be effective as of the 5th day of December, 2018.

GRANTOR:

GRBK FRISCO LLC,
a Texas limited liability company

By:

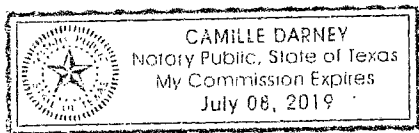
Jed Dolson, President

STATE OF TEXAS §
 §
COUNTY OF COLLIN §

Before me on this day personally appeared Jed Dolson, President of GRBK FRISCO LLC, a Texas limited liability company, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes and consideration therein expressed, and in the capacity therein stated.

Given under my hand and seal of office this 5th day of December, 2018.

SEAL



Camille Darney
Notary Public In and for the State of Texas

130287839
AFTER RECORDING RETURN TO:
Apple's Crossing Residential Association, Inc.
c/o Neighborhood Management, Inc.
1024 S. Greenville Ave., Suite 230
Allen, TX 75002

SEND TAX NOTICES TO:
Apple's Crossing Residential Association, Inc.
c/o Neighborhood Management, Inc.
1024 S. Greenville Ave., Suite 230
Allen, TX 75002

EXHIBIT A

LEGAL DESCRIPTION

Lots 1X-CA, 2X-CA, 3X-CA, Block A; Lots 1X-CA, 2X-CA, Block B; Lots 1X-CA, 2X-CA, Block C; Lots 1X-CA, 2X-CA, Block D; Lots 1X-CA, 2X-CA, 3X-CA, 4X-CA, Block E; Lot 1X-CA; Block F; Lot 1X-CA; Block H; Lots 1X-CA, 2X-CA, 3X-CA, 4X-CA, Block I; Lot 1X-CA, Block J, of Apple's Crossing, an addition to the Town of Fairview, Collin County, Texas, according to the Map or Plat thereof recorded under Volume 2017, Page 913, Map/Plat Records, Collin County, Texas



Filed and Recorded
Official Public Records
Stacey Kemp, County Clerk
Collin County, TEXAS
12/07/2018 01:19:59 PM
\$34.00 NPRECILLA
20181207001495230

Stacey Kemp

Bryan W. Shaw, Ph.D., P.E., *Chairman*
Toby Baker, *Commissioner*
Jon Niermann, *Commissioner*
Stephanie Bergeron Perdue, *Interim Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

July 23, 2018

Dritan Shehi, P.E.
Kimley-Horn
5750 Genesis Court
Suite 200
Frisco, Texas 75034

Re: Construction Plans and Specifications Review
Apple's Crossing Pond 1 Dam
Collin County

Dear Mr. Shehi:

TCEQ Dam Safety received a submittal package prepared by Kimley-Horn on July 20, 2018, which included finalized revised plans for the Apple's Crossing Pond 1 Dam. According to the provisions of the Texas Administrative Code (TAC) Chapter 299, the final Phase 1 construction plans and specifications for the referenced project are hereby approved on behalf of the Executive Director. Approval of the final Phase 2 construction plans and specifications is contingent upon demonstrating that a Water Right Permit is in place.

We are retaining the approved construction plans and specifications for our records.

You are reminded of the following sections pertaining to construction:

- § 299.23 Requires the continuous maintenance of construction records.
- § 299.24 Requires this office to be notified promptly of the date construction actually begins and for high and significant hazard dams, to be sent monthly progress reports.
- § 299.25 Requires continuous daily inspections by owner's engineer or by a qualified inspector under supervision of the owner's engineer.

- § 299.25 Requires construction to be according to the approved plans and specifications.
- § 299.26 Requires significant changes to the approved plans and specifications be approved by this office.
- § 299.29 Requires the submission of the engineer's notification of completion within 45 calendar days after the work is substantially complete.
- § 299.30 Provides for the submission of record drawings with permanent reference mark(s) within six months after final completion of construction.

Additionally, it should be noted that § 299.61 (c) requires that "The owner of a proposed high- or significant-hazard dam shall submit the emergency action plan to the executive director before either requesting closure of the dam or upon completion of construction of the dam, if the dam does not require a closure section."

Guidance on items to be included in an emergency action plan can be found in our *Guidelines for Developing Emergency Action Plans for Dams in Texas (GI-394)*.

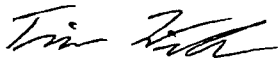
https://www.tceq.texas.gov/compliance/investigation/damsafetyprog.html/#guide_eaps

Such a plan should be provided to the TCEQ Dam Safety office for our review.

It should be noted that the submitted hydrologic and hydraulic (H&H) analysis is still under review, and any related comments or questions will be provided under separate cover. Should any revisions to the H&H analysis be necessary during our review, please be aware of the possibility that associated revisions to the approved construction plans may be required at that time.

If you have any questions, please feel free to contact me at (512) 239-2033.

Sincerely,



Travis Wilmer
Dam Safety Program
Critical Infrastructure Division, MC-177

09/29/2021

Gregg Custer
Council Member Seat Two
Fairview Town Hall
372 Town Place
Fairview, TX 75069

**Subject: Apple's Crossing
Application for Permit to Appropriate State Water Notification
Town of Fairview, Collin County, Texas**

Dear Mr. Custer:

Apple's Crossing Residential Association, Inc. has constructed Apple's Crossing, a single-family residential development located at the southeast corner of State Highway 5 (Greenville Drive) and FM 1378 (Country Club Road) in the Town of Fairview, Collin County, Texas. As part of the plan for the development, Apple's Crossing Residential Association, Inc. has applied for a Water Rights Permit to construct and maintain a reservoir for in-place recreation and aesthetic purposes as part of the drainage conveyance system on Barksdale Creek, a tributary to Sloan Creek, in the East Fork Trinity Watershed in Collin County.

The plan for the development includes the construction of one impoundment along the Barksdale Creek. The water lost due to this impoundment and evaporation is intended to be replaced using groundwater; therefore, no reduction of downstream volumes or impacts to other water rights are anticipated.

Apple's Crossing Residential Association, Inc. is pursuing this application to appropriate State Water with the Texas Commission on Environmental Quality (TCEQ). Notification of the application is being sent to all of the members of the Fairview Town Council and Collin County Commissioners Court. A notification will be sent to all Water Rights holders in the Trinity River Watershed as well. If you have any questions regarding this application, please do not hesitate to call our offices.

Sincerely,



Apple's Crossing Residential Association, Inc.

Contact Info:

Bobby Samuel or Brian Hunnicutt

Green Brick Partners c/o Apples Crossing Residential Association, Inc.

469.573.6755

bsamuel@greenbrickpartners.com or bhunnicutt@greenbrickpartners.com

09/29/2021

Mayor Henry Lessner
Fairview Town Hall
372 Town Place
Fairview, TX 75069

**Subject: Apple's Crossing
Application for Permit to Appropriate State Water Notification
Town of Fairview, Collin County, Texas**

Dear Mr. Lessner:

Apple's Crossing Residential Association, Inc. has constructed Apple's Crossing, a single-family residential development located at the southeast corner of State Highway 5 (Greenville Drive) and FM 1378 (Country Club Road) in the Town of Fairview, Collin County, Texas. As part of the plan for the development, Apple's Crossing Residential Association, Inc. has applied for a Water Rights Permit to construct and maintain a reservoir for in-place recreation and aesthetic purposes as part of the drainage conveyance system on Barksdale Creek, a tributary to Sloan Creek, in the East Fork Trinity Watershed in Collin County.

The plan for the development includes the construction of one impoundment along the Barksdale Creek. The water lost due to this impoundment and evaporation is intended to be replaced using groundwater; therefore, no reduction of downstream volumes or impacts to other water rights are anticipated.

Apple's Crossing Residential Association, Inc. is pursuing this application to appropriate State Water with the Texas Commission on Environmental Quality (TCEQ). Notification of the application is being sent to all of the members of the Fairview Town Council and Collin County Commissioners Court. A notification will be sent to all Water Rights holders in the Trinity River Watershed as well. If you have any questions regarding this application, please do not hesitate to call our offices.

Sincerely,



Apple's Crossing Residential Association, Inc.

Contact Info:

Bobby Samuel or Brian Hunnicutt

Green Brick Partners c/o Apples Crossing Residential Association, Inc.

469.573.6755

bsamuel@greenbrickpartners.com or bhunnicutt@greenbrickpartners.com

09/29/2021

Honorable Cheryl Williams
Collin County Commissioners Court
Collin County Administration Building
2300 Bloomdale Rd., Suite 4192
McKinney, TX 75071

**Subject: Apple's Crossing
Application for Permit to Appropriate State Water Notification
Town of Fairview, Collin County, Texas**

Dear Mrs. Williams:

Apple's Crossing Residential Association, Inc. has constructed Apple's Crossing, a single-family residential development located at the southeast corner of State Highway 5 (Greenville Drive) and FM 1378 (Country Club Road) in the Town of Fairview, Collin County, Texas. As part of the plan for the development, Apple's Crossing Residential Association, Inc. has applied for a Water Rights Permit to construct and maintain a reservoir for in-place recreation and aesthetic purposes as part of the drainage conveyance system on Barksdale Creek, a tributary to Sloan Creek, in the East Fork Trinity Watershed in Collin County.

The plan for the development includes the construction of one impoundment along the Barksdale Creek. The water lost due to this impoundment and evaporation is intended to be replaced using groundwater; therefore, no reduction of downstream volumes or impacts to other water rights are anticipated.

Apple's Crossing Residential Association, Inc. is pursuing this application to appropriate State Water with the Texas Commission on Environmental Quality (TCEQ). Notification of the application is being sent to all of the members of the Fairview Town Council and Collin County Commissioners Court. A notification will be sent to all Water Rights holders in the Trinity River Watershed as well. If you have any questions regarding this application, please do not hesitate to call our offices.

Sincerely,



Apple's Crossing Residential Association, Inc.

Contact Info:

Bobby Samuel or Brian Hunnicutt

Green Brick Partners c/o Apples Crossing Residential Association, Inc.

469.573.6755

bsamuel@greenbrickpartners.com or bhunnicutt@greenbrickpartners.com

09/29/2021

Honorable Chris Hill
Collin County Commissioners Court
Collin County Administration Building
2300 Bloomdale Rd., Suite 4192
McKinney, TX 75071

**Subject: Apple's Crossing
Application for Permit to Appropriate State Water Notification
Town of Fairview, Collin County, Texas**

Dear Mr. Hill:

Apple's Crossing Residential Association, Inc. has constructed Apple's Crossing, a single-family residential development located at the southeast corner of State Highway 5 (Greenville Drive) and FM 1378 (Country Club Road) in the Town of Fairview, Collin County, Texas. As part of the plan for the development, Apple's Crossing Residential Association, Inc. has applied for a Water Rights Permit to construct and maintain a reservoir for in-place recreation and aesthetic purposes as part of the drainage conveyance system on Barksdale Creek, a tributary to Sloan Creek, in the East Fork Trinity Watershed in Collin County.

The plan for the development includes the construction of one impoundment along the Barksdale Creek. The water lost due to this impoundment and evaporation is intended to be replaced using groundwater; therefore, no reduction of downstream volumes or impacts to other water rights are anticipated.

Apple's Crossing Residential Association, Inc. is pursuing this application to appropriate State Water with the Texas Commission on Environmental Quality (TCEQ). Notification of the application is being sent to all of the members of the Fairview Town Council and Collin County Commissioners Court. A notification will be sent to all Water Rights holders in the Trinity River Watershed as well. If you have any questions regarding this application, please do not hesitate to call our offices.

Sincerely,



Apple's Crossing Residential Association, Inc.

Contact Info:

Bobby Samuel or Brian Hunnicutt

Green Brick Partners c/o Apples Crossing Residential Association, Inc.

469.573.6755

bsamuel@greenbrickpartners.com or bhunnicutt@greenbrickpartners.com

09/29/2021

Honorable Darrell Hale
Collin County Commissioners Court
Collin County Administration Building
2300 Bloomdale Rd., Suite 4192
McKinney, TX 75071

**Subject: Apple's Crossing
Application for Permit to Appropriate State Water Notification
Town of Fairview, Collin County, Texas**

Dear Mr. Hale:

Apple's Crossing Residential Association, Inc. has constructed Apple's Crossing, a single-family residential development located at the southeast corner of State Highway 5 (Greenville Drive) and FM 1378 (Country Club Road) in the Town of Fairview, Collin County, Texas. As part of the plan for the development, Apple's Crossing Residential Association, Inc. has applied for a Water Rights Permit to construct and maintain a reservoir for in-place recreation and aesthetic purposes as part of the drainage conveyance system on Barksdale Creek, a tributary to Sloan Creek, in the East Fork Trinity Watershed in Collin County.

The plan for the development includes the construction of one impoundment along the Barksdale Creek. The water lost due to this impoundment and evaporation is intended to be replaced using groundwater; therefore, no reduction of downstream volumes or impacts to other water rights are anticipated.

Apple's Crossing Residential Association, Inc. is pursuing this application to appropriate State Water with the Texas Commission on Environmental Quality (TCEQ). Notification of the application is being sent to all of the members of the Fairview Town Council and Collin County Commissioners Court. A notification will be sent to all Water Rights holders in the Trinity River Watershed as well. If you have any questions regarding this application, please do not hesitate to call our offices.

Sincerely,



Apple's Crossing Residential Association, Inc.

Contact Info:

Bobby Samuel or Brian Hunnicutt

Green Brick Partners c/o Apples Crossing Residential Association, Inc.

469.573.6755

bsamuel@greenbrickpartners.com or bhunnicutt@greenbrickpartners.com

09/29/2021

Honorable Duncan Webb
Collin County Commissioners Court
Collin County Administration Building
2300 Bloomdale Rd., Suite 4192
McKinney, TX 75071

**Subject: Apple's Crossing
Application for Permit to Appropriate State Water Notification
Town of Fairview, Collin County, Texas**

Dear Mr. Webb:

Apple's Crossing Residential Association, Inc. has constructed Apple's Crossing, a single-family residential development located at the southeast corner of State Highway 5 (Greenville Drive) and FM 1378 (Country Club Road) in the Town of Fairview, Collin County, Texas. As part of the plan for the development, Apple's Crossing Residential Association, Inc. has applied for a Water Rights Permit to construct and maintain a reservoir for in-place recreation and aesthetic purposes as part of the drainage conveyance system on Barksdale Creek, a tributary to Sloan Creek, in the East Fork Trinity Watershed in Collin County.

The plan for the development includes the construction of one impoundment along the Barksdale Creek. The water lost due to this impoundment and evaporation is intended to be replaced using groundwater; therefore, no reduction of downstream volumes or impacts to other water rights are anticipated.

Apple's Crossing Residential Association, Inc. is pursuing this application to appropriate State Water with the Texas Commission on Environmental Quality (TCEQ). Notification of the application is being sent to all of the members of the Fairview Town Council and Collin County Commissioners Court. A notification will be sent to all Water Rights holders in the Trinity River Watershed as well. If you have any questions regarding this application, please do not hesitate to call our offices.

Sincerely,



Apple's Crossing Residential Association, Inc.

Contact Info:

Bobby Samuel or Brian Hunnicutt

Green Brick Partners c/o Apples Crossing Residential Association, Inc.

469.573.6755

bsamuel@greenbrickpartners.com or bhunnicutt@greenbrickpartners.com

09/29/2021

Honorable Susan Fletcher
Collin County Commissioners Court
Collin County Administration Building
2300 Bloomdale Rd., Suite 4192
McKinney, TX 75071

**Subject: Apple's Crossing
Application for Permit to Appropriate State Water Notification
Town of Fairview, Collin County, Texas**

Dear Mrs. Fletcher:

Apple's Crossing Residential Association, Inc. has constructed Apple's Crossing, a single-family residential development located at the southeast corner of State Highway 5 (Greenville Drive) and FM 1378 (Country Club Road) in the Town of Fairview, Collin County, Texas. As part of the plan for the development, Apple's Crossing Residential Association, Inc. has applied for a Water Rights Permit to construct and maintain a reservoir for in-place recreation and aesthetic purposes as part of the drainage conveyance system on Barksdale Creek, a tributary to Sloan Creek, in the East Fork Trinity Watershed in Collin County.

The plan for the development includes the construction of one impoundment along the Barksdale Creek. The water lost due to this impoundment and evaporation is intended to be replaced using groundwater; therefore, no reduction of downstream volumes or impacts to other water rights are anticipated.

Apple's Crossing Residential Association, Inc. is pursuing this application to appropriate State Water with the Texas Commission on Environmental Quality (TCEQ). Notification of the application is being sent to all of the members of the Fairview Town Council and Collin County Commissioners Court. A notification will be sent to all Water Rights holders in the Trinity River Watershed as well. If you have any questions regarding this application, please do not hesitate to call our offices.

Sincerely,



Apple's Crossing Residential Association, Inc.

Contact Info:
Bobby Samuel or Brian Hunnicutt
Green Brick Partners c/o Apples Crossing Residential Association, Inc.
469.573.6755
bsamuel@greenbrickpartners.com or bhunnicutt@greenbrickpartners.com

09/29/2021

John Hubbard
Council Member Seat Six
Fairview Town Hall
372 Town Place
Fairview, TX 75069

**Subject: Apple's Crossing
Application for Permit to Appropriate State Water Notification
Town of Fairview, Collin County, Texas**

Dear Mr. Hubbard:

Apple's Crossing Residential Association, Inc. has constructed Apple's Crossing, a single-family residential development located at the southeast corner of State Highway 5 (Greenville Drive) and FM 1378 (Country Club Road) in the Town of Fairview, Collin County, Texas. As part of the plan for the development, Apple's Crossing Residential Association, Inc. has applied for a Water Rights Permit to construct and maintain a reservoir for in-place recreation and aesthetic purposes as part of the drainage conveyance system on Barksdale Creek, a tributary to Sloan Creek, in the East Fork Trinity Watershed in Collin County.

The plan for the development includes the construction of one impoundment along the Barksdale Creek. The water lost due to this impoundment and evaporation is intended to be replaced using groundwater; therefore, no reduction of downstream volumes or impacts to other water rights are anticipated.

Apple's Crossing Residential Association, Inc. is pursuing this application to appropriate State Water with the Texas Commission on Environmental Quality (TCEQ). Notification of the application is being sent to all of the members of the Fairview Town Council and Collin County Commissioners Court. A notification will be sent to all Water Rights holders in the Trinity River Watershed as well. If you have any questions regarding this application, please do not hesitate to call our offices.

Sincerely,



Apple's Crossing Residential Association, Inc.

Contact Info:

Bobby Samuel or Brian Hunnicutt

Green Brick Partners c/o Apples Crossing Residential Association, Inc.

469.573.6755

bsamuel@greenbrickpartners.com or bhunnicutt@greenbrickpartners.com

09/29/2021

Ken Logsdon
Council Member Seat Five
Fairview Town Hall
372 Town Place
Fairview, TX 75069

**Subject: Apple's Crossing
Application for Permit to Appropriate State Water Notification
Town of Fairview, Collin County, Texas**

Dear Mr. Logsdon:

Apple's Crossing Residential Association, Inc. has constructed Apple's Crossing, a single-family residential development located at the southeast corner of State Highway 5 (Greenville Drive) and FM 1378 (Country Club Road) in the Town of Fairview, Collin County, Texas. As part of the plan for the development, Apple's Crossing Residential Association, Inc. has applied for a Water Rights Permit to construct and maintain a reservoir for in-place recreation and aesthetic purposes as part of the drainage conveyance system on Barksdale Creek, a tributary to Sloan Creek, in the East Fork Trinity Watershed in Collin County.

The plan for the development includes the construction of one impoundment along the Barksdale Creek. The water lost due to this impoundment and evaporation is intended to be replaced using groundwater; therefore, no reduction of downstream volumes or impacts to other water rights are anticipated.

Apple's Crossing Residential Association, Inc. is pursuing this application to appropriate State Water with the Texas Commission on Environmental Quality (TCEQ). Notification of the application is being sent to all of the members of the Fairview Town Council and Collin County Commissioners Court. A notification will be sent to all Water Rights holders in the Trinity River Watershed as well. If you have any questions regarding this application, please do not hesitate to call our offices.

Sincerely,



Apple's Crossing Residential Association, Inc.

Contact Info:

Bobby Samuel or Brian Hunnicutt

Green Brick Partners c/o Apples Crossing Residential Association, Inc.

469.573.6755

bsamuel@greenbrickpartners.com or bhunnicutt@greenbrickpartners.com

09/29/2021

Larry Little
Council Member Seat Four
Fairview Town Hall
372 Town Place
Fairview, TX 75069

**Subject: Apple's Crossing
Application for Permit to Appropriate State Water Notification
Town of Fairview, Collin County, Texas**

Dear Mr. Little:

Apple's Crossing Residential Association, Inc. has constructed Apple's Crossing, a single-family residential development located at the southeast corner of State Highway 5 (Greenville Drive) and FM 1378 (Country Club Road) in the Town of Fairview, Collin County, Texas. As part of the plan for the development, Apple's Crossing Residential Association, Inc. has applied for a Water Rights Permit to construct and maintain a reservoir for in-place recreation and aesthetic purposes as part of the drainage conveyance system on Barksdale Creek, a tributary to Sloan Creek, in the East Fork Trinity Watershed in Collin County.

The plan for the development includes the construction of one impoundment along the Barksdale Creek. The water lost due to this impoundment and evaporation is intended to be replaced using groundwater; therefore, no reduction of downstream volumes or impacts to other water rights are anticipated.

Apple's Crossing Residential Association, Inc. is pursuing this application to appropriate State Water with the Texas Commission on Environmental Quality (TCEQ). Notification of the application is being sent to all of the members of the Fairview Town Council and Collin County Commissioners Court. A notification will be sent to all Water Rights holders in the Trinity River Watershed as well. If you have any questions regarding this application, please do not hesitate to call our offices.

Sincerely,



Apple's Crossing Residential Association, Inc.

Contact Info:

Bobby Samuel or Brian Hunnicutt

Green Brick Partners c/o Apples Crossing Residential Association, Inc.

469.573.6755

bsamuel@greenbrickpartners.com or bhunnicutt@greenbrickpartners.com

09/29/2021

Ricardo Doi
Council Member Seat Three (Mayor Pro Tem)
Fairview Town Hall
372 Town Place
Fairview, TX 75069

**Subject: Apple's Crossing
Application for Permit to Appropriate State Water Notification
Town of Fairview, Collin County, Texas**

Dear Mr. Doi:

Apple's Crossing Residential Association, Inc. has constructed Apple's Crossing, a single-family residential development located at the southeast corner of State Highway 5 (Greenville Drive) and FM 1378 (Country Club Road) in the Town of Fairview, Collin County, Texas. As part of the plan for the development, Apple's Crossing Residential Association, Inc. has applied for a Water Rights Permit to construct and maintain a reservoir for in-place recreation and aesthetic purposes as part of the drainage conveyance system on Barksdale Creek, a tributary to Sloan Creek, in the East Fork Trinity Watershed in Collin County.

The plan for the development includes the construction of one impoundment along the Barksdale Creek. The water lost due to this impoundment and evaporation is intended to be replaced using groundwater; therefore, no reduction of downstream volumes or impacts to other water rights are anticipated.

Apple's Crossing Residential Association, Inc. is pursuing this application to appropriate State Water with the Texas Commission on Environmental Quality (TCEQ). Notification of the application is being sent to all of the members of the Fairview Town Council and Collin County Commissioners Court. A notification will be sent to all Water Rights holders in the Trinity River Watershed as well. If you have any questions regarding this application, please do not hesitate to call our offices.

Sincerely,



Apple's Crossing Residential Association, Inc.

Contact Info:

Bobby Samuel or Brian Hunnicutt

Green Brick Partners c/o Apples Crossing Residential Association, Inc.

469.573.6755

bsamuel@greenbrickpartners.com or bhunnicutt@greenbrickpartners.com

09/29/2021

Rich Connelly
Council Member Seat One
Fairview Town Hall
372 Town Place
Fairview, TX 75069

**Subject: Apple's Crossing
Application for Permit to Appropriate State Water Notification
Town of Fairview, Collin County, Texas**

Dear Mr. Connelly:

Apple's Crossing Residential Association, Inc. has constructed Apple's Crossing, a single-family residential development located at the southeast corner of State Highway 5 (Greenville Drive) and FM 1378 (Country Club Road) in the Town of Fairview, Collin County, Texas. As part of the plan for the development, Apple's Crossing Residential Association, Inc. has applied for a Water Rights Permit to construct and maintain a reservoir for in-place recreation and aesthetic purposes as part of the drainage conveyance system on Barksdale Creek, a tributary to Sloan Creek, in the East Fork Trinity Watershed in Collin County.

The plan for the development includes the construction of one impoundment along the Barksdale Creek. The water lost due to this impoundment and evaporation is intended to be replaced using groundwater; therefore, no reduction of downstream volumes or impacts to other water rights are anticipated.

Apple's Crossing Residential Association, Inc. is pursuing this application to appropriate State Water with the Texas Commission on Environmental Quality (TCEQ). Notification of the application is being sent to all of the members of the Fairview Town Council and Collin County Commissioners Court. A notification will be sent to all Water Rights holders in the Trinity River Watershed as well. If you have any questions regarding this application, please do not hesitate to call our offices.

Sincerely,



Apple's Crossing Residential Association, Inc.

Contact Info:

Bobby Samuel or Brian Hunnicutt

Green Brick Partners c/o Apples Crossing Residential Association, Inc.

469.573.6755

bsamuel@greenbrickpartners.com or bhunnicutt@greenbrickpartners.com

Monthly Data			Annual Data		
Max Monthly Evaporation:	11.14	inches	Max Annual Evaporation:	70.29	inches
Max Monthly Rate Per Acre:	40,438	ft ³ /acre	=	5.86	feet
Total Wet Pond Area:	1.17	acres			
Monthly Rate:	47,312	ft ³ /month			

Water Quality Records of Woodbine Aquifer in the vicinity of Apple's Crossing, Fairview, Texas

State Report	Date	Ca	Na	Mg	CO3	SO4	Cl	TDS	Distance	Depth
18-51-902*	1983	1	286	1	454	163	50	746	1.5 mi. WSW	1415
18-51-901	1976	11	351	1	448	316	69	995	2.2 mi. SW	1209
18-52-402	1950	23	456	7	396	464	192	1363	3 mi. NNE	1272

* This well drilled to lower Woodbine , other are top Woodbine

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	1851902	Well Type	Withdrawal of Water
County	Collin	Well Use	Domestic
River Basin	Trinity	Water Level Observation	Historical Observation Well
Groundwater Management Area	8	Water Quality Available	Yes
Regional Water Planning Area	C - Region C	Pump	Submersible
Groundwater Conservation District	North Texas GCD	Pump Depth (feet below land surface)	
Latitude (decimal degrees)	33.151945	Power Type	Electric Motor
Latitude (degrees minutes seconds)	33° 09' 07" N	Annular Seal Method	
Longitude (decimal degrees)	-96.658056	Surface Completion	
Longitude (degrees minutes seconds)	096° 39' 29" W	Owner	Industrial International Inc.
Coordinate Source	+/- 1 Second	Driller	J.L. Myers
Aquifer Code	212WDBN - Woodbine Sand	Other Data Available	Drillers Log
Aquifer	Woodbine	Well Report Tracking Number	
Aquifer Pick Method		Plugging Report Tracking Number	
Land Surface Elevation (feet above sea level)	675	U.S. Geological Survey Site Number	
Land Surface Elevation Method	Interpolated From Topo Map	Texas Commission on Environmental Quality Source Id	
Well Depth (feet below land surface)	1415	Groundwater Conservation District Well Number	
Well Depth Source	Driller's Log	Owner Well Number	
Drilling Start Date		Other Well Number	
Drilling End Date	10/0/1967	Previous State Well Number	
Drilling Method	Mud (Hydraulic) Rotary	Reporting Agency	Texas Water Development Board
Borehole Completion	Perforated or Slotted	Created Date	10/22/1997
		Last Update Date	11/18/2002

Remarks Casing cemented and gun-perforated. Located at veterinary hospital. Water-level observation well.

Casing

Diameter (in.)	Casing Type	Casing Material	Schedule	Gauge	Top Depth (ft.)	Bottom Depth (ft.)
8	Blank	Steel			0	22
4	Blank	Steel			0	1214
4	Screen	Steel			1214	1218
4	Blank	Steel			1218	1291
4	Screen	Steel			1291	1299
4	Screen	Steel			1299	1360
4	Screen	Steel			1360	1363
4	Blank	Steel			1363	1414

Well Tests - No Data

Lithology - No Data

Annular Seal Range - No Data

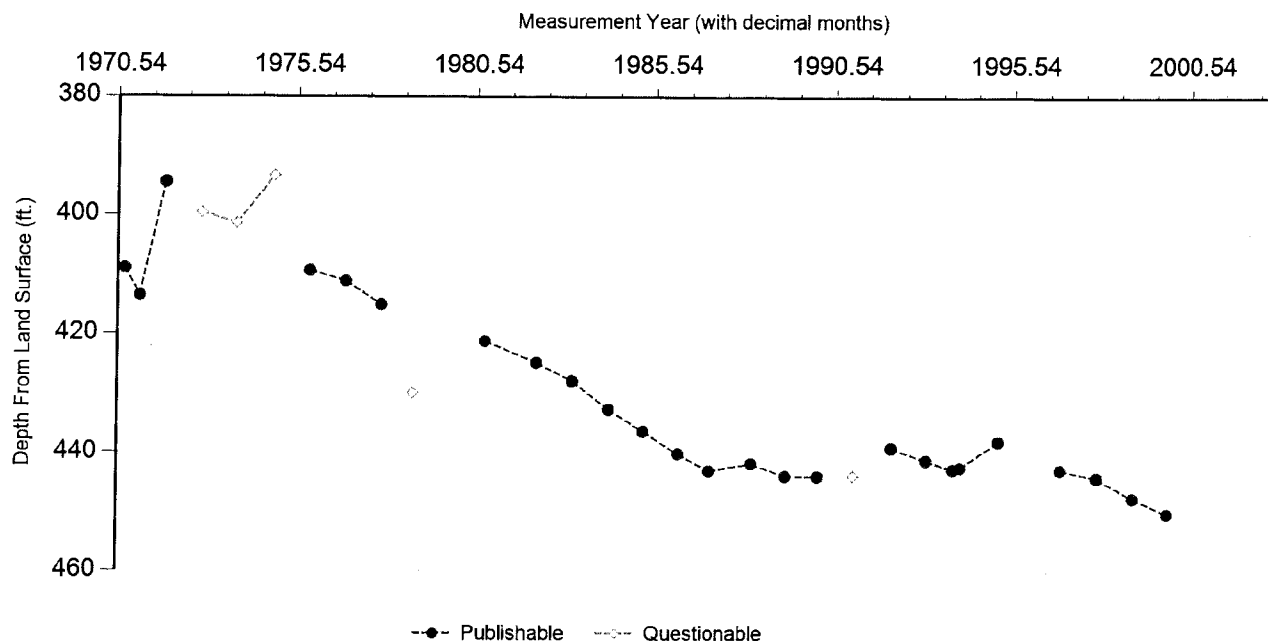
Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data

Water Level Measurements



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in () indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	9/28/1970		408.93		266.07	1	Texas Water Development Board	Steel Tape		
P	2/25/1971		413.54	4.61	261.46	1	Texas Water Development Board	Steel Tape		
P	11/10/1971		394.45	(19.09)	280.55	1	Texas Water Development Board	Steel Tape		
Q	11/15/1972		399.6	5.15	275.4	1	Texas Water Development Board	Steel Tape	10	
Q	11/7/1973		401.42	1.82	273.58	1	Texas Water Development Board	Steel Tape	10	
Q	11/19/1974		393.38	(8.04)	281.62	1	Texas Water Development Board	Steel Tape	10	
P	11/21/1975		409.35	15.97	265.65	1	Texas Water Development Board	Steel Tape		
P	11/22/1976		411.1	1.75	263.9	1	Texas Water Development Board	Steel Tape		
P	11/18/1977		415.1	4.00	259.9	1	Texas Water Development Board	Steel Tape		
Q	10/10/1978		429.9	14.80	245.1	1	Texas Water Development Board	Steel Tape	4	
P	10/14/1980		421.15	(8.75)	253.85	1	Texas Water Development Board	Steel Tape		
P	3/19/1982		424.81	3.66	250.19	1	Texas Water Development Board	Steel Tape		
P	3/18/1983		427.89	3.08	247.11	1	Texas Water Development Board	Steel Tape		
P	3/27/1984		432.63	4.74	242.37	1	Texas Water Development Board	Steel Tape		
P	3/15/1985		436.36	3.73	238.64	1	Texas Water Development Board	Steel Tape		
P	3/6/1986		440.11	3.75	234.89	1	Texas Water Development Board	Steel Tape		
P	1/15/1987		442.97	2.86	232.03	1	Texas Water Development Board	Steel Tape		
P	3/21/1988		441.73	(1.24)	233.27	1	Texas Water Development Board	Steel Tape		
P	3/1/1989		443.85	2.12	231.15	1	Texas Water Development Board	Steel Tape		
P	1/25/1990		443.9	0.05	231.1	1	Texas Water Development Board	Steel Tape		
Q	1/24/1991		443.8	(0.10)	231.2	1	Texas Water Development Board	Steel Tape	10	

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number
18-51-902

Status Code	Date	Time	Water Level (ft. below land surface)	Change value in () indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	2/13/1992		439.1	(4.70)	235.9	1	Texas Water Development Board	Steel Tape		
P	2/3/1993		441.2	2.10	233.8	1	Texas Water Development Board	Steel Tape		
P	11/8/1993		442.7	1.50	232.3	1	Texas Water Development Board	Steel Tape		
P	1/13/1994		442.4	(0.30)	232.6	1	Texas Water Development Board	Steel Tape		
P	2/8/1995		438	(4.40)	237	1	Texas Water Development Board	Steel Tape		
X	11/10/1995					1	Texas Water Development Board	Steel Tape	21	
P	11/7/1996		442.8		232.2	1	Texas Water Development Board	Steel Tape		
P	11/17/1997		444.12	1.32	230.88	1	Texas Water Development Board	Steel Tape		
P	11/19/1998		447.52	3.40	227.48	1	Texas Water Development Board	Steel Tape		
P	11/9/1999		450.13	2.61	224.87	1	Texas Water Development Board	Steel Tape		
X	11/16/2000					1	Texas Water Development Board	Steel Tape	22	
X	12/4/2001					1	Texas Water Development Board	Steel Tape	22	
X	11/8/2002					1	Texas Water Development Board	Air Line	22	

Code Descriptions

Status Code	Status Description	Remark ID	Remark Description
P	Publishable	4	Well pumped recently
Q	Questionable	10	Inconsistent or spotty tape mark due to wet or leaking casing
X	No Measurement	21	Unable to reach water level with available measuring equipment
		22	Tape hangs before reaching water level

Water Quality Analysis

Sample Date: 3/18/1983 Sample Time: 0000 Sample Number: 1 Collection Entity:

Sampled Aquifer: Woodbine Sand

Analyzed Lab:

Reliability: Reliability unknown or not available

Collection Remarks: No Data

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)			6 mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CaCO ₃)			384 mg/L	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO ₃)			454 mg/L	
00910	CALCIUM (MG/L)			1 mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO ₃)			7 mg/L	
00940	CHLORIDE, TOTAL (MG/L AS CL)			50 mg/L	
00950	FLUORIDE, DISSOLVED (MG/L AS F)			1.8 mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CaCO ₃)			3 mg/L	
00920	MAGNESIUM (MG/L)			1 mg/L	
71851	NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO ₃)			0 mg/L	
00400	PH (STANDARD UNITS), FIELD			8.5 SU	
71860	RESIDUAL SODIUM CARBONATE, CALCULATED			7.53	
00955	SILICA, DISSOLVED (MG/L AS SiO ₂)			13 mg/L	
00931	SODIUM ADSORPTION RATIO, CALCULATED (SAR)			48.39	
00932	SODIUM, CALCULATED, PERCENT			98 PCT	
00929	SODIUM, TOTAL (MG/L AS Na)			286 mg/L	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)			1060 MICR	
00945	SULFATE, TOTAL (MG/L AS SO ₄)			163 mg/L	
00010	TEMPERATURE, WATER (CELSIUS)			21 C	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)			746 mg/L	

Water Quality Analysis

Sample Date: 10/22/1997 Sample Time: 0940 Sample Number: 1 Collection Entity: Texas Water Development Board

Sampled Aquifer: Woodbine Sand

Analyzed Lab: LCRA - Lower Colorado River Authority

Reliability: Sampled using TWDB protocols

Collection Remarks: No Data

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
39086	ALKALINITY FIELD DISSOLVED AS CaCO ₃			374 mg/L	
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)			0 mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CaCO ₃)			374 mg/L	
01106	ALUMINUM, DISSOLVED (UG/L AS AL)			1.4 ug/L	
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	<		1 ug/L	
01000	ARSENIC, DISSOLVED (UG/L AS AS)	<		2 ug/L	
01005	BARIUM, DISSOLVED (UG/L AS BA)			3.7 ug/L	
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	<		2 ug/L	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO ₃)			456.41 mg/L	
01020	BORON, DISSOLVED (UG/L AS B)			2113 ug/L	
71870	BROMIDE, DISSOLVED, (MG/L AS BR)	<		0.5 mg/L	
01025	CADMIUM, DISSOLVED (UG/L AS CD)	<		1 ug/L	
00915	CALCIUM, DISSOLVED (MG/L AS CA)			1.38 mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO ₃)			0 mg/L	
00941	CHLORIDE, DISSOLVED (MG/L AS CL)			37.4 mg/L	
01030	CHROMIUM, DISSOLVED (UG/L AS CR)			11.6 ug/L	
01035	COBALT, DISSOLVED (UG/L AS CO)	<		1 ug/L	
01040	COPPER, DISSOLVED (UG/L AS CU)			6.3 ug/L	
00950	FLUORIDE, DISSOLVED (MG/L AS F)			1.62 mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CaCO ₃)			5 mg/L	
01046	IRON, DISSOLVED (UG/L AS FE)			421 ug/L	
01049	LEAD, DISSOLVED (UG/L AS PB)	<		1 ug/L	
01130	LITHIUM, DISSOLVED (UG/L AS LI)			24.4 ug/L	
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	<		0.5 mg/L	
01056	MANGANESE, DISSOLVED (UG/L AS MN)			20.6 ug/L	
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	<		1 ug/L	
01065	NICKEL, DISSOLVED (UG/L AS NI)	<		1 ug/L	
71851	NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO ₃)	<		0.27 mg/L	
00631	NITRITE PLUS NITRATE, DISSOLVED (MG/L AS N)	<		0.06 mg/L	
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)			0.84 mg/L	
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	<		0.5 mg/L	
00090	OXIDATION REDUCTION POTENTIAL (ORP), MILLIVOLTS			-75.1 MV	
00400	PH (STANDARD UNITS), FIELD			7.96 SU	
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)			0.34 mg/L	
00935	POTASSIUM, DISSOLVED (MG/L AS K)			1.08 mg/L	
71860	RESIDUAL SODIUM CARBONATE, CALCULATED			7.37	

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number
18-51-902

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
01145	SELENIUM, DISSOLVED (UG/L AS SE)		<	5 ug/L	
00955	SILICA, DISSOLVED (MG/L AS SI02)			12 mg/L	
00931	SODIUM ADSORPTION RATIO, CALCULATED (SAR)			53.44	
00932	SODIUM, CALCULATED, PERCENT			99 PCT	
00930	SODIUM, DISSOLVED (MG/L AS NA)			288.12 mg/L	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)			1113 MICR	
01080	STRONTIUM, DISSOLVED (UG/L AS SR)			93.3 ug/L	
00946	SULFATE, DISSOLVED (MG/L AS SO4)			147 mg/L	
00010	TEMPERATURE, WATER (CELSIUS)			23.8 C	
01057	THALLIUM, DISSOLVED (UG/L AS TL)		<	1 ug/L	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)			713 mg/L	
01085	VANADIUM, DISSOLVED (UG/L AS V)			2.6 ug/L	
01090	ZINC, DISSOLVED (UG/L AS ZN)		<	2 ug/L	

* Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..

GWDB DISCLAIMER: Except where noted, all of the information provided in the Texas Water Development Board (TWDB) Groundwater Database (<http://www.twdb.texas.gov/groundwater/data/gwdb rpt.asp>) is believed to be accurate and reliable; however, the TWDB assumes no responsibility for any errors appearing in rules or otherwise. Further, TWDB assumes no responsibility for the use of the information provided. PLEASE NOTE that users of these data are responsible for checking the accuracy, completeness, currency and/or suitability of all information themselves. TWDB makes no guarantees or warranties as to the accuracy, completeness, currency, or suitability of the information provided via the Groundwater Database (GWDB). TWDB specifically disclaims any and all liability for any claims or damages that may result from providing GWDB data or the information it contains. For additional information or answers to questions concerning the TWDB GWDB, contact the Groundwater Data Team at GroundwaterData@twdb.texas.gov.

7020 3160 0000 2774 6153

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

McKinney, TX 75071

Certified Mail Fee	\$3.75
Extra Services & Fees (check box, add fee as appropriate)	\$3.05
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00

Postage \$0.58

Total Postage and Fees \$7.38

Sent To The Honorable Darrell Hale, Commissioner Pct. 3
Collin County Commissioners Court
Collin County Administration Building
2300 Bloomdale Rd., Suite 4192
McKinney, TX 75071

PS Form 3800, April 2010



7020 3160 0000 2774 6146

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

McKinney, TX 75071

Certified Mail Fee	\$3.75
Extra Services & Fees (check box, add fee as appropriate)	\$3.05
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00

Postage \$0.58

Total Postage and Fees \$7.38

Sent To The Honorable Cheryl Williams, Commissioner Pct. 2
Collin County Commissioners Court
Collin County Administration Building
2300 Bloomdale Rd., Suite 4192
McKinney, TX 75071

PS Form 3800, April 2010



7020 3160 0000 2774 6085

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

McKinney, TX 75069

Certified Mail Fee	\$3.75
Extra Services & Fees (check box, add fee as appropriate)	\$3.05
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00

Postage \$0.58

Total Postage and Fees \$7.38

Sent To Ricardo Doi, Seat 3 (Mayor Pro Tem)
Fairview City Council Representative
Fairview Town Hall
372 Town Place
Fairview, TX 75069

PS Form 3800, April 2010



7020 3160 0000 2774 6160

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

McKinney, TX 75071

Certified Mail Fee	\$3.75
Extra Services & Fees (check box, add fee as appropriate)	\$3.05
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00

Postage \$0.58

Total Postage and Fees \$7.38

Sent To The Honorable Duncan Webb, Commissioner Pct. 4
Collin County Commissioners Court
Collin County Administration Building
2300 Bloomdale Rd., Suite 4192
McKinney, TX 75071

PS Form 3800, April 2010



7020 3160 0000 2774 6108

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

McKinney, TX 75069

Certified Mail Fee	\$3.75
Extra Services & Fees (check box, add fee as appropriate)	\$3.05
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00

Postage \$0.58

Total Postage and Fees \$7.38

Sent To Ken Logsdon, Seat 5
Fairview City Council Representative
Fairview Town Hall
372 Town Place
Fairview, TX 75069

PS Form 3800, April 2010



7020 3160 0000 2774 6078

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

McKinney, TX 75069

Certified Mail Fee	\$3.75
Extra Services & Fees (check box, add fee as appropriate)	\$3.05
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00

Postage \$0.58

Total Postage and Fees \$7.38

Sent To Gregg Custer, Seat 2
Fairview City Council Representative
Fairview Town Hall
372 Town Place
Fairview, TX 75069

PS Form 3800, April 2010



7020 3160 0000 2774 6061

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

McKinney, TX 75069

Certified Mail Fee	\$3.75
Extra Services & Fees (check box, add fee as appropriate)	\$3.05
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00

Postage \$0.58

Total Postage and Fees \$7.38

Sent To Rich Connelly, Seat 1
Fairview City Council Representative
Fairview Town Hall
372 Town Place
Fairview, TX 75069

PS Form 3800, Apr.



10/07/2021

7020 3160 0000 2774 6092

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

McKinney, TX 75069

Certified Mail Fee	\$3.75
Extra Services & Fees (check box, add fee as appropriate)	\$3.05
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00

Postage \$0.58

Total Postage and Fees \$7.38

Sent To Larry Little, Seat 4
Fairview City Council Representative
Fairview Town Hall
372 Town Place
Fairview, TX 75069

PS Form 3800, Apr.



10/07/2021

7020 3160 0000 2774 6115

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

McKinney, TX 75069

Certified Mail Fee	\$3.75
Extra Services & Fees (check box, add fee as appropriate)	\$3.05
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00

Postage \$0.58

Total Postage and Fees \$7.38

Sent To John Hubbard, Seat 6
Fairview City Council Representative
Fairview Town Hall
372 Town Place
Fairview, TX 75069

PS Form 3800, Apr.



10/07/2021

7020 3160 0000 2774 6054

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

McKinney, TX 75069

Certified Mail Fee	\$3.75
Extra Services & Fees (check box, add fee as appropriate)	\$3.05
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00

Postage \$0.58

Total Postage and Fees \$7.38

Sent To Mayor Henry Lessner
Fairview City Council Representative
Fairview Town Hall
372 Town Place
Fairview, TX 75069

PS Form 3800, Apr.



10/07/2021

7020 3160 0000 2774 6139

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

McKinney, TX 75071

Certified Mail Fee	\$3.75
Extra Services & Fees (check box, add fee as appropriate)	\$3.05
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00

Postage \$0.58

Total Postage and Fees \$7.38

Sent To The Honorable Susan Fletcher, Commissioner Pct. 1
Collin County Commissioners Court
Collin County Administration Building
2300 Bloomdale Rd., Suite 4192
McKinney, TX 75071

PS Form 3800, Apr.



10/07/2021

7020 3160 0000 2774 6122

U.S. Postal Service™ CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

McKinney, TX 75071

Certified Mail Fee	\$3.75
Extra Services & Fees (check box, add fee as appropriate)	\$3.05
<input type="checkbox"/> Return Receipt (hardcopy)	\$0.00
<input type="checkbox"/> Return Receipt (electronic)	\$0.00
<input type="checkbox"/> Certified Mail Restricted Delivery	\$0.00
<input type="checkbox"/> Adult Signature Required	\$0.00
<input type="checkbox"/> Adult Signature Restricted Delivery	\$0.00

Postage \$0.58

Total Postage and Fees \$7.38

Sent To The Honorable Chris Hill, County Judge
Collin County Commissioners Court
Collin County Administration Building
2300 Bloomdale Rd., Suite 4192
McKinney, TX 75071

PS Form 3800, Apr.



10/07/2021