Franklin County Water District

WATER CONSERVATION AND DROUGHT CONTINGENCY PLAN

FINAL | October 2019

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Franklin County Water District

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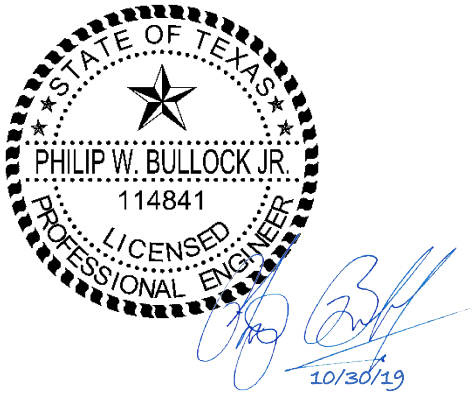

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Abbreviations

AC	acre
AFY	acre-feet per year
ADD	average day demand
Carollo	Carollo Engineers, Inc.
cf	cubic feet
cfs	cubic feet per second
F	Fahrenheit
ft	feet
gpcd	gallons per capita day
gpd/ac	gallons per day per acre
µg/L	micrograms per liter
MDD	maximum day demand
MG	million gallons
µg/L	micrograms per liter
mg/L	milligrams per liter
mgd	million gallons per day
MinDD	minimum day demand
MinMD	minimum month demand
MMD	maximum month demand
msl	mean sea level
PHD	peak hour demand
PS	pump station
psi	pounds per square inch
RO	reverse osmosis
SCADA	supervisory control and data acquisition
WRF	water reclamation facility
WWTP	wastewater treatment plant
WTP	water treatment plant

Section 1

WATER CONSERVATION PLAN

1.1 Description of the Service Area

1.1.1 Purpose

A Water Conservation and a Drought Contingency Plan are required of the Franklin County Water District (the District) by the Texas Commission on Environmental Quality (TCEQ). These requirements are contained in the Water Code, Chapter 288.5 and 288.22. This document provides specific conservation and drought contingency requirements in accordance with the TCEQ's requirements for wholesale water suppliers.

1.1.2 Background Information

The District is a conservation and reclamation district and a political subdivision of the State of Texas, which encompasses all of Franklin County. It was created in 1965 to develop Lake Cypress Springs and to administer the water stored therein, recreational uses of the reservoir, and certain lands adjacent to the reservoir. Today, these functions are carried out through wholesale water supply contracts, operation of a number of parks and campgrounds, law enforcement on and around the lake, administration of the lake and water rights, and administration of various leases and land rights around the reservoir.

Lake Cypress Springs is a spring and surface runoff supplied reservoir located on Cypress Creek. The dam was completed in February of 1971. The reservoir has a normal capacity of 72,800 acre-feet over an area of 3,400 acres at an elevation of 378 feet above mean sea level (M.S.L.). It has an emergency capacity of 100,400 acre-feet over an area of 4,500 acres at an elevation of 385 feet above M.S.L.

At present, the District is authorized to divert and use a maximum of 11,710 acre-feet per year as a water supply. This volume of water is currently designated for the following purposes:

Table 1 Water Designation

Designation	Volume
Municipal	11,500 acre feet
Irrigation	210 acre feet
Total	11,710 acre feet

Water is withdrawn from the lake for these purposes through six raw water intake structures located on the lake; these structures are owned and maintained by the District's individual customers. An additional 3,590 acre-feet of water from Lake Cypress Springs is permitted by TCEQ to the City of Mt. Pleasant (via their own water right).

The District has the following three (3) customers: City of Mount Vernon, City of Winnsboro, and Cypress Springs SUD (formerly South Franklin W.S.C.). Each customer has executed a Water Purchase Contract with the District.

1.1.3 Service Area and Customer Data

The District is a raw water supplier only; it does not supply treated water. However, it does own and operate lands adjacent to the lake. The residents have long-term (99-year) leases and pay the District annually. Though the District does not supply these residents water, it does inspect and issue permits for any construction on these properties as well as operate and maintain the amenities (parks, campgrounds, boat ramps, etc.) surrounding the lake. The District has direct contact with these residents and visitors to the lake (through billing, permitting, rentals, etc.), which allows it to influence, but not enforce, water conservation.

In addition, the District can encourage, though not require, water conservation within the service area of each wholesale customer. Included in the Appendix is a map distinguishing the service areas of the District's four customers. The following is information on the service area for each customer including area and population data, water use data, water supply system data, and wastewater data (if applicable).

1.1.3.1 City of Mount Vernon

The service area includes the city limits of Mount Vernon and selective parts of the City's extra territorial jurisdiction (ETJ), and covers an area of approximately 3.36 square miles.

The 2000 population of the Mount Vernon service area was 2286, and the population served water by Mount Vernon (including a portion of the ETJ) was 2928. The source cited for population data is the 2016 Region D Water Plan. From the 2012 Census, the city's population is estimated to be 2793.

In 2009, the average active connections by user type were as follows: 856 residential, 181 commercial, and 19 manufacturing. According to current reporting for 2019, there are now a total of 1222 active retail connections. The City typically averages 473.8 acre-feet of diverted water per year (423,000 gpd). This historical water use data was calculated by observing the City's master meter, which is located at the point of diversion at the City's raw water intake. The City's raw water intake is located on the north side of the lake on the east side of F.M. 115.

The City is supplied entirely from surface water out of Lake Cypress Springs. Mount Vernon's current contract with the District makes available 3,000 acre-feet of water per year for municipal purposes. The length of this contract is through the year 2024. The City currently operates water treatment facilities with a capacity of 1.44 million gallons per day (MGD). The City has the following water storage facilities:

Table 2 Mount Vernon Water Storage Facilities

Capacity	Water Storage Facility
500,000 gallons	Ground Storage Tank
300,000 gallons	Elevated Storage Tank

Mount Vernon also operates wastewater treatment facilities with a capacity of 245,000 gallons per day (GPD). The plant is operated by the City under TCEQ Permit #11122-022. The wastewater treatment facilities consist of an activated sludge plant, which discharges its effluent into Town Branch Creek, in the Sulphur River Basin.

1.1.3.2 City of Winnsboro

The service area includes the City limits of Winnsboro and covers approximately 3.18 square miles.

The 2000 population of the service area was 3584 and the population served water by the City was 3624. The source of the population information is the 2006 Region D Water Plan. From the 2012 Census, the city's population is estimated to be 3255.

In 2009, the typical active connections by user type were as follows: 1353 residential, 223 commercial, and 16 manufacturing (for a total of 1592 connections). According to current reporting for 2019, there are now a total of 1650 active retail connections. The City averages approximately 694.5 acre-feet of diverted water per year. The historical water use data was calculated by observing the City's master meter that is located at a point of diversion at the City's raw water intake. Winnsboro's intake structure is located on the south side of the lake, west of F.M. 115.

Winnsboro is also supplied entirely by surface water from the lake and currently is under contract with the District for a maximum of 3,000 acre-feet of water. The City's current contract with the District is valid until the year 2029. Winnsboro operates a 1.5 MGD water treatment plant. It also has a one million gallon ground storage tank, a 350,000 gallon elevated storage tank and a 500,000 gallon ground storage tank.

Winnsboro has wastewater treatment facilities with a capacity of 1.50 MGD. This plant is operated by the City of Winnsboro under TCEQ Permit #10319-002. It is an activated sludge plant with the treated effluent discharging into Indian Creek, thence to Big Sandy Creek in Segment #0514 of the Sabine River Basin.

1.1.3.3 Cypress Springs SUD

The service area includes most of Franklin County outside of Mount Vernon and north of Winnsboro (including Lake Cypress Springs). The Corporation serves 4504 active connections on an approximate 150 square mile area. The 2019 population was estimated at approximately 13,512 people.

The utility district obtains its water supply primarily from surface water from Lake Cypress Springs and supplements that with groundwater from one well in the Carrizo-Wilcox aquifer. The Corporation's current contract with the District allows for a maximum of 3,500 acre-ft of surface water from the lake. This contract is valid through the year 2060.

The corporation currently has three raw water intakes in the lake serving these water plants; these are located on the north, south, and northeast parts of the lake. The intake on the north side of the lake is located just east of F.M. 115 and supplies the 1.0 MGD Purley Plant. The intake on the south side of the lake is located west of F.M. 115 and supplies the Corporation's users in the southern part of its service area from the 1.1 MGD South Plant. The third intake is on the northeast side of the lake and serves the system's 2.0 MGD Northeast Plant. Total capacity is 4.1 MGD surface water, and 0.18 MGD groundwater.

The corporation typically averages 1209.7 acre-feet of water per year diverted from Lake Cypress Springs.

The corporation does not provide wastewater service.

1.2 Specific Quantified Targets

TCEQ rule 288.5(c) requires specific, quantified five-year and ten-year targets for water savings including, where appropriate, target goals for municipal use in gallons per capita per day for the District's service area, maximum acceptable unaccounted-for water, and the basis for development of these goals. The goals established under this plan are not enforceable.

According to the 2018 Water Loss Audit Reports, per capita municipal usage and water loss for the District's service area is as follows:

Table 3 Usage and Water Loss

Customers	Water Loss (2018)
City of Mt. Vernon	11.70%
City of Winnsboro	14.69%
Cypress Springs SUD	5.19% (2010)

The 2016 Region D Water Plan is the basis for development of 5-year and 10-year goals. The plan recommends the following 5-year and 10-year gallon per capita per day reductions based upon the assumed replacement of toilets and faucets with new water efficient fixtures as mandated in State and Federal legislation:

Table 4 Reduction Goals

Customers	5-year reduction	10-year reduction
City of Mt. Vernon	6 gpcd	9 gpcd
City of Winnsboro	4 gpcd	7 gpcd
Cypress Springs SUD	Maintain	Maintain

In addition, the state Water Conservation Task Force has proposed 140 gpcpd as a non-enforceable voluntary goal for municipal water use. 10-15 percent water losses are considered reasonable. Cypress Springs SUD is currently significantly below the 140 gpcpd and 10-15 percent loss. While Mount Vernon and Winnsboro are slightly higher, a reduction in losses to the 15 percent range would help. The following non-enforceable target goals for municipal water use are suggested by the District:

Table 5 Non-enforceable Target Goals

Customers	5-year gpcd	10-year gpcd
City of Mt. Vernon	142	131
City of Winnsboro	195	192
Cypress Springs SUD	81	81

1.3 Water Measurement Practices

The District requires, and will continue to require, that all wholesale water be metered. The water meters are read and billed on a monthly basis. Each of the water purchase contracts between the District and its customers contain requirements for maintenance and accuracy (2 percent) of the meters. The meters will be calibrated at least every three years.

In addition, the District recommends to its wholesale customers that they meter 100 percent of their water sales, track water loss rates, and implement or continue an aggressive maintenance schedule for all of their metering equipment and distribution piping. Each wholesale customer is encouraged to test and repair its retail meters on a regular basis.

1.4 Monitoring and Record Management

Water deliveries from the District to its wholesale customers are monitored by raw water meters installed at each intake structure. These meters are read on a monthly basis.

There are no losses attributable to the District system since the water is delivered to the customer systems from the lake.

1.5 Metering and Leak Detection

The District has no storage, delivery, or distribution system, and this requirement is therefore not applicable. Metering of water diverted from Lake Cypress Springs is discussed in paragraph (C). The actual diversion structures and piping are part of the customer's system – not the District's.

1.6 Water Supply and Contract Renewals

The District will require, through contractual agreement, that other entities contracting to purchase raw water from the District will either 1) adopt appropriate provisions for water conservation and drought management from this plan, or 2) have a plan in place that has been approved by the Texas Commission on Environmental Quality. This requirement will be effective for new water purchase contracts, and for existing contracts at the time they are renewed. Furthermore, the contract will require that each successive customer in the resale of the water will implement water conservation measures in accordance with this plan or other approved plans. This is a TCEQ requirement for wholesale water suppliers.

1.7 Reservoir System Operations Plan

Franklin County Water District is a signatory to the Cypress Basin Operating Agreement, which is a cooperative arrangement between the owners of reservoirs in the Cypress Creek Basin, including Cypress Springs, Bob Sandlin, Lake O' the Pines, and Ellison Creek Reservoir.

One of the significant goals of the operating agreement is to optimize water supplies in the basin through coordinated operation of the various reservoirs.

The District does not own any reservoirs other than Lake Cypress Springs which could be used to enhance this goal.

1.8 Implementation and Enforcement

The Franklin County Water District will implement this plan by passing a Board Resolution, indicating official adoption of the plan, a copy of which is included herewith.

The adoption resolution provides that the General Manager of the District will have the authority to enforce the plan. Dependent upon the infraction involved, enforcement may be by the District's licensed peace officer enforcing applicable state laws or District regulations, or through enforcement in an appropriate court of specific wholesale contract provisions.

A schedule of implementation is attached which sets out guidelines for implementing the plan.

1.9 Coordination with the Regional Water Planning Group

The FCWD service area lies entirely within the Region D water planning area. In preparing this plan, the FCWD has coordinated per capita consumption, demand projections, population and similar basic data with the corresponding numbers in the draft regional plan. A copy of the completed plan will be provided to the Regional Water Planning Group for review and comment.

Section 2

DROUGHT CONTINGENCY PLAN

2.1 Introduction, Declaration of Policy, Purpose, and Intent

Texas Commission on Environmental Quality (TCEQ) rules require wholesale water suppliers to develop a "drought contingency plan" that provides a minimum of three stages for implementation of measures in response to water supply conditions during a repeat of the drought of record.

One dictionary defines a drought as simply "a long period of dry weather." This type of drought will develop slowly, over an extended period. Other uncontrollable circumstances can disrupt the normal availability of a raw water supply much more quickly. Regardless of the normal adequacy of any water supply, the supply may become contaminated or a natural disaster could curtail the availability. During drought periods, consumer demand is typically higher than under normal conditions. Therefore, it is important to be prepared well in advance for a drought or supply disruption emergency.

A drought contingency plan outlines a strategy or series of strategies for supply and demand management responses to temporary and potentially recurring shortages and other water supply emergencies.

A drought contingency plan is distinctly different from a water conservation plan. While water conservation involves implementing permanent efficient water use and reuse practices, drought contingency plans establish temporary methods or techniques designed to be implemented only as long as the emergency exists.

In order to conserve the available water supply, and to protect and preserve public health, welfare, and safety and minimize the adverse impacts of water supply shortage or other water supply emergency conditions, the Franklin County Water District (FCWD) adopts the following Drought Contingency Plan (the Plan).

2.2 Public Involvement/Education

The District has no retail water supply customers, and three (3) wholesale customers. These are the City of Mt. Vernon, the City of Winnsboro, and the Cypress Springs Special Utility District. In addition, the City of Mt. Pleasant holds water rights in Lake Cypress Springs. Each of these entities was provided a copy of the updated Drought Contingency Plan.

The District will discuss updates to the Drought Contingency Plan during its next board meeting. These meetings are open to the public and the press and agendas are advertised publicly.

As means of educating customers about the plan, the District will periodically provide information on the plan to its wholesale customers through the following methods:

1. Notices on its website.
2. Personal contact (phone calls, letters, etc.).

A copy of this plan, including amendments, has been provided to all wholesale customers.

2.3 Coordination with Regional Water Planning Group

The water service area of the Franklin County Water District is located within the North East Texas Regional Water Planning Area (Region D), and the District has provided a copy of the latest Plan to the North East Texas Regional Water Planning Group (NETRWPG).

2.4 Authorization

The General Manager, or his/her designee, is hereby authorized and directed to implement the applicable provisions of this Plan upon determination that such implementation is necessary to protect public health, safety, and welfare. The General Manager, or his/her designee, shall have the authority to initiate or terminate drought or other water supply emergency response measures as described in this Plan.

2.5 Applicability

The provisions of this Plan shall apply to all customers utilizing water provided by the Franklin County Water District. The terms "person" and "customer" as used in the Plan include individuals, corporations, partnerships, associations, municipalities, districts, and all other legal entities.

2.6 Trigger Conditions

A "trigger condition" is a criteria or benchmark for determining when an action is necessary in response to drought conditions.

For some systems, the trigger could involve the capacity of pumps, delivery pipelines, treatment plants, or other infrastructure. However, since the District neither owns nor operates any such facilities, the principal trigger for the District will be the available supply in Lake Cypress Springs. Normally this will be reflected by the lake surface elevation.

The District has historical lake elevation data. This data, from 1972 to present, is available on the District's website (www.fcwd.com) on a weekly basis. The information is collected by an automated gauging station at the spillway, and is provided by the USGS. For more recent periods, daily data is also available on the website.

Levels in down-stream reservoirs can also affect the District's water supply. The District is required by the Cypress Basin Operating Agreement to release enough water to avoid adverse effects on the downstream water rights of prior users (specifically Lake O the Pines). A copy of this agreement is included in the Appendix. While a release for this purpose has never occurred, it must be recognized that the possibility exists and that it would very likely have a significant impact on the level in Cypress Springs.

The normal water surface elevation for Lake Cypress Springs is 378.0 feet MSL. Record high and low elevations are as follows:

Table 6 Record High and Low Elevation

Date	High	Low
12/27/2015	383.92	
10/28/1978		372.92

Record high water levels increased from 382.10 in a previous version of this report to 383.92 due to a 350 year storm event experienced in December of 2015.

Consideration of these record highs and lows helped to decide upon the designated trigger points. Additionally, inlet elevations and critical depths found in Table 7 were used in determining the proper drought mitigation initiation points.

Table 7 Customer Inlet Elevations

Customers	Inlet Elevation (ft)	Crown Elevation (ft)	Critical Elevation (ft)
Cypress Springs SUD	North – 369.67 North East- 370	North – 370.57 North East – 371.9	370.6
Winnsboro	365	370	368 (Estimated)
Mt. Vernon	345	346	365

2.6.1 Mild Conditions

The District will recognize that a mild water shortage condition exists when the lake elevation remains 3 feet below the service spillway, a 23 by 23 foot rectangular morning glory-type drop inlet (spillway elevation of 378 feet above M.S.L.), for 60 consecutive days. The storage capacity at the 375' water level is approximately 57,000 acre-feet, which is 85 percent of the normal capacity at 378 feet above M.S.L. (See Area/Capacity Curve, Figure 2). This elevation has been selected based upon historic level data as shown in Figure 1. Recorded lake level has never been below 372.5 feet.

Termination: The District will recognize that a mild water shortage condition will terminate when the lake elevation rises to 2 feet below the spillway.

2.6.2 Moderate Conditions

The District will recognize that a moderate water shortage condition exists when the lake elevation reaches 5.5 feet below the service spillway, a 23 by 23 foot rectangular morning glory-type drop inlet (spillway elevation of 378 feet above M.S.L.). At this depth, none of the three wholesale customer intakes will be above water. The storage capacity at this water level is approximately 50,000 acre-feet, which is 73 percent of normal capacity. In addition to inlet depth, the elevation level was selected based upon calculations on probable annual lake level decline due to customer water usage and evaporation in a year with no rainfall – estimated as approximately 6.5 feet below the 378' conservation pool level. The lake has never dropped to this level. However, lower levels may be experienced in a drought of longer record, and as wholesale users call for increasing percentages of their contract amounts.

Termination: The District will terminate the moderate water shortage condition when the lake elevation rises to 4.5 feet below the spillway. Mild conditions will then be initiated.

2.6.3 Severe Conditions

The District will recognize that a severe water shortage condition exists when the lake elevation reaches 12.5 feet below the service spillway, a 23 by 23 foot rectangular morning glory-type drop inlet (spillway elevation of 378 feet above M.S.L.). The storage capacity at this level is approximately 34,000 acre-feet, which is 50 percent of normal capacity.

It should be noted that at 50% capacity, the majority of the intake structures would be above the 365.5 feet elevation. The area-capacity curve for Lake Cypress Springs (Figure 2) shows a marked acceleration in capacity reduction at elevations below 365 feet.

Termination: The District will terminate the severe water shortage condition when the lake elevation rises to 11.5 feet below the spillway. Moderate conditions will then be initiated.

2.6.4 Emergency Conditions

The District will recognize that an emergency water shortage condition exists when:

1. Reservoir problems occur, which cause unprecedented loss of capability to provide water service, or
2. Natural or man-made contamination of the water supply source occurs.

Termination: These conditions will terminate when the general manager determines that:

1. The capacity to provide water service is restored, or
2. The water source is safe for drinking purposes.

2.7 Notification Procedures

When trigger conditions appear to be approaching, the District will notify each wholesale customer in writing, by mail.

When drought response stages are reached, the District will notify each wholesale customer by letter and telephone that drought contingency measures are necessary, and specify the measures to be taken. Customers will be notified in the same manner when each drought stage is terminated.

2.8 Drought Response Targets and Best Management Practices

The ability of the Franklin County Water District to curtail or reduce diversions by its wholesale customers is limited by the terms and conditions of its wholesale contracts.

The District will direct its customers to take necessary actions when trigger conditions are reached. The following are specific actions that will be taken if trigger conditions are met. They are divided into recommended actions for mild, moderate, severe and emergency drought conditions.

2.8.1 Mild Conditions

The District's target at this level will be to raise public and customer awareness of the water supply conditions. The District will initiate regular communication with its wholesale customers, and may publicize lake levels in the local media.

2.8.2 Moderate Conditions

The District will formally request its wholesale customers to implement portions of their own water conservation plans requiring that all nonessential water use be prohibited. This includes car washing, street washing, water hydrant flushing, filling swimming pools, etc. It may also include implementation of a mandatory lawn water schedule. This request will be publicized by the District in the local media. The target will be to achieve a 10 percent reduction in diversion from the reservoir.

2.8.3 Severe Conditions

The District will ration water supplies to its wholesale customers in accordance with Texas Water Code, §11.039 and the Water Purchase Contracts between the District and its customers. The contracts stipulate that if there is insufficient availability of water to meet the District's contractual agreement, the water available will be rationed on a pro rata basis to the District's customers. Texas Water Code 11.039 states:

> *"If a shortage of water in a water supply results from drought (sic), accident, or other cause, the water to be distributed shall be divided among all customers pro rata, according to the amount each may be entitled to, so that preference is given to no one and everyone suffers alike."*

Water will be available for the following uses in order of priority:

1. Municipal.
2. Commercial.
3. Industrial.

The target for this phase will be a 25 percent reduction in diversions from the reservoir.

The intent of both voluntary and mandatory conservation is to prolong the usefulness of the available supply in the face of an extended drought. To accomplish this intent, the water allocation during restricted periods must be based on current diversions rather than upon some contractual diversion rate that may not reflect actual consumption until far in the future. Thus the allowable diversion for each entity would be computed on a monthly basis, based upon the average diverted for that month for the last three years. An example would be as follows:

Assume that stage 3 is enacted in June 2014, and the example is for Mt. Vernon. Then the allowable diversion for Mt. Vernon for July 2014, is –

Table 8 Allowable Diversion

	Diversion
Mt. Vernon July 2013 diversion =	53.8 ac-ft
Mt. Vernon July 2012 diversion =	45.6 ac-ft
Mt. Vernon July 2011 diversion =	48.2 ac-ft
3 year total	**147.6 ac-ft**
	÷3
3 year average	**49.2 ac-ft**
	x 0.75
Allowable July, 2014 diversion	**36.9 ac-ft**

Similar calculations would be performed for Winnsboro and Cypress Springs.

2.8.4 Emergency Conditions

During emergency conditions, the General Manager will assess the situation and determine the appropriate response measure according to experienced judgment. If the emergency is caused by a system failure, water rationing may be implemented, as in Severe Conditions. If the lake becomes contaminated, the General Manager will monitor the lake to determine if the water is safe for drinking. If not, alternate sources of water must be determined.

Section 3

IMPLEMENTATION AND ENFORCEMENT

The ability of the Franklin County Water District to curtail or reduce diversions by its wholesale customers is limited by the terms and conditions of its wholesale contracts.

As mentioned in previous sections of this plan, the District has direct control only of inspecting and permitting the property it leases around the lake. The legal basis by which the District can enforce water conservation by its customers and their users is to contractually obligate each successive user to use water conservation techniques or adopt water conservation plans. By requiring the wholesale customer to adopt a water conservation plan, the District can indirectly conserve its water supply.

The City of Mt. Pleasant is a water right holder, rather than a wholesale customer, pursuant to that certain Agreement between Franklin County Water District and Titus County FWSD #1, dated February 28, 1997 (the "Water Agreement"). The rights and obligations of Titus County FWSD #1 under the Water Agreement were subsequently assigned to the City of Mt. Pleasant. The Water Agreement obligates the water right holder (i.e., The City of Mt. Pleasant) to abide by any drought contingency plan implemented by Franklin County Water District.

The administrator of this plan will be the Franklin County Water District's General Manager.

3.1 Penalty for Non-Compliance

The penalty for not adhering to the drought contingency plan will be a discontinuation of service.

Section 4

VARIANCES

The General Manager may, in writing, grant a temporary variance to the water rationing policy provided in this plan if it is determined that failure to grant such variance would cause an emergency condition adversely affecting the public health, welfare, or safety. Persons requesting a variance shall file a petition for variance with the General Manager within 5 days after rationing has been initiated. This petition must include the following:

- Name and address of the petitioner.
- Statement with supporting data as to how the rationing plan adversely impacts the petitioner.
- Description of the relief requested.
- Period of time for which the variance is sought.
- Alternative measures the petitioner is taking to try to comply with the drought contingency plan.
- Other pertinent information.

Variances granted shall be subject to the following conditions, unless waived by the District's Board of Directors:

- Variances shall have specific time limits.
- Variances shall expire when the plan is no longer in effect.

No variance shall be retroactive or otherwise justify any violation of this plan occurring prior to the issuance of the variance.

Section 5

PLAN UPDATES

This plan shall be updated and submitted to TCEQ and TWDB in 2019.

Appendix A

FIGURES

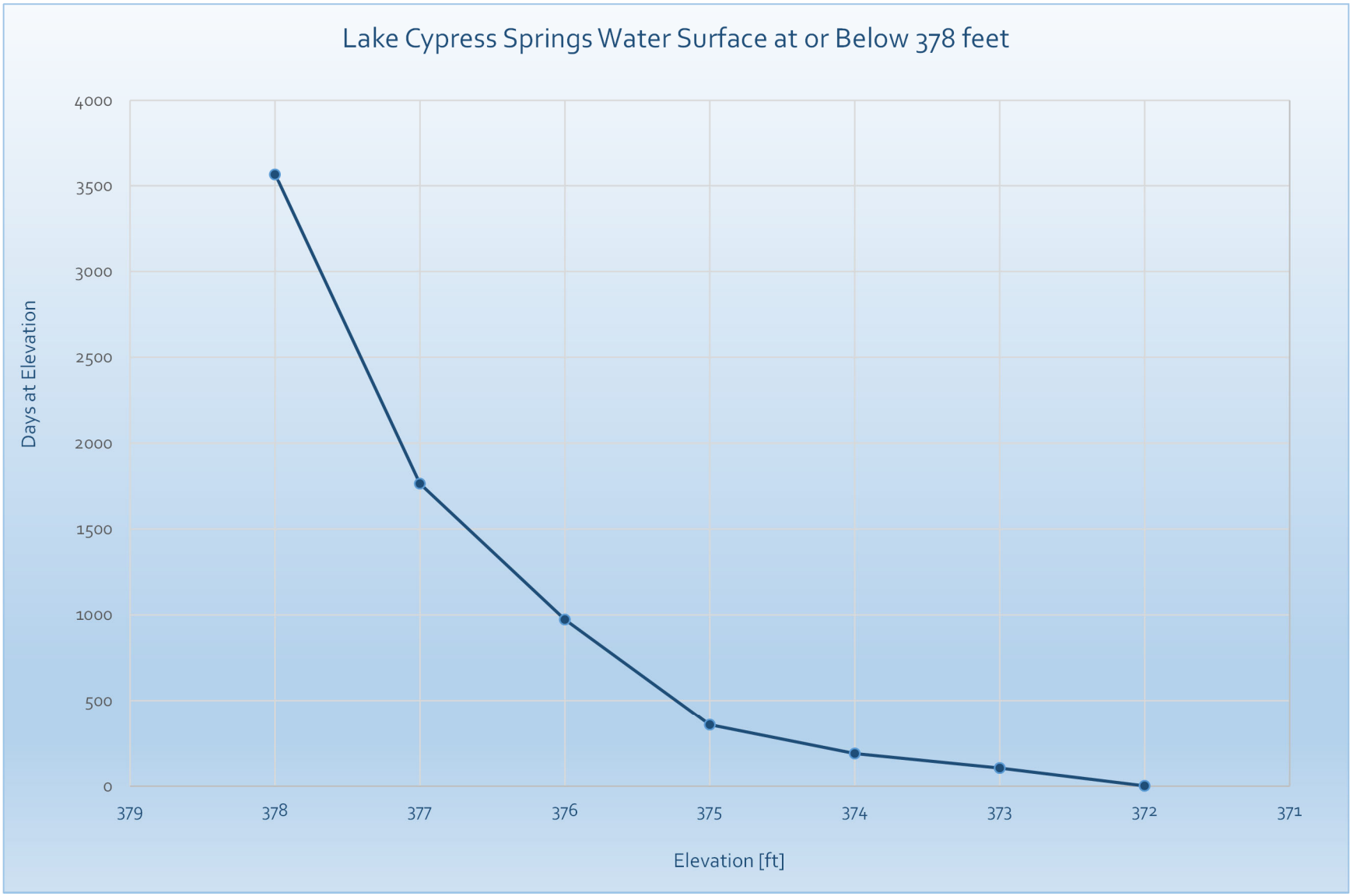

Figure 1 Lake Cypress Springs, Water Surface at or Below 378 Feet

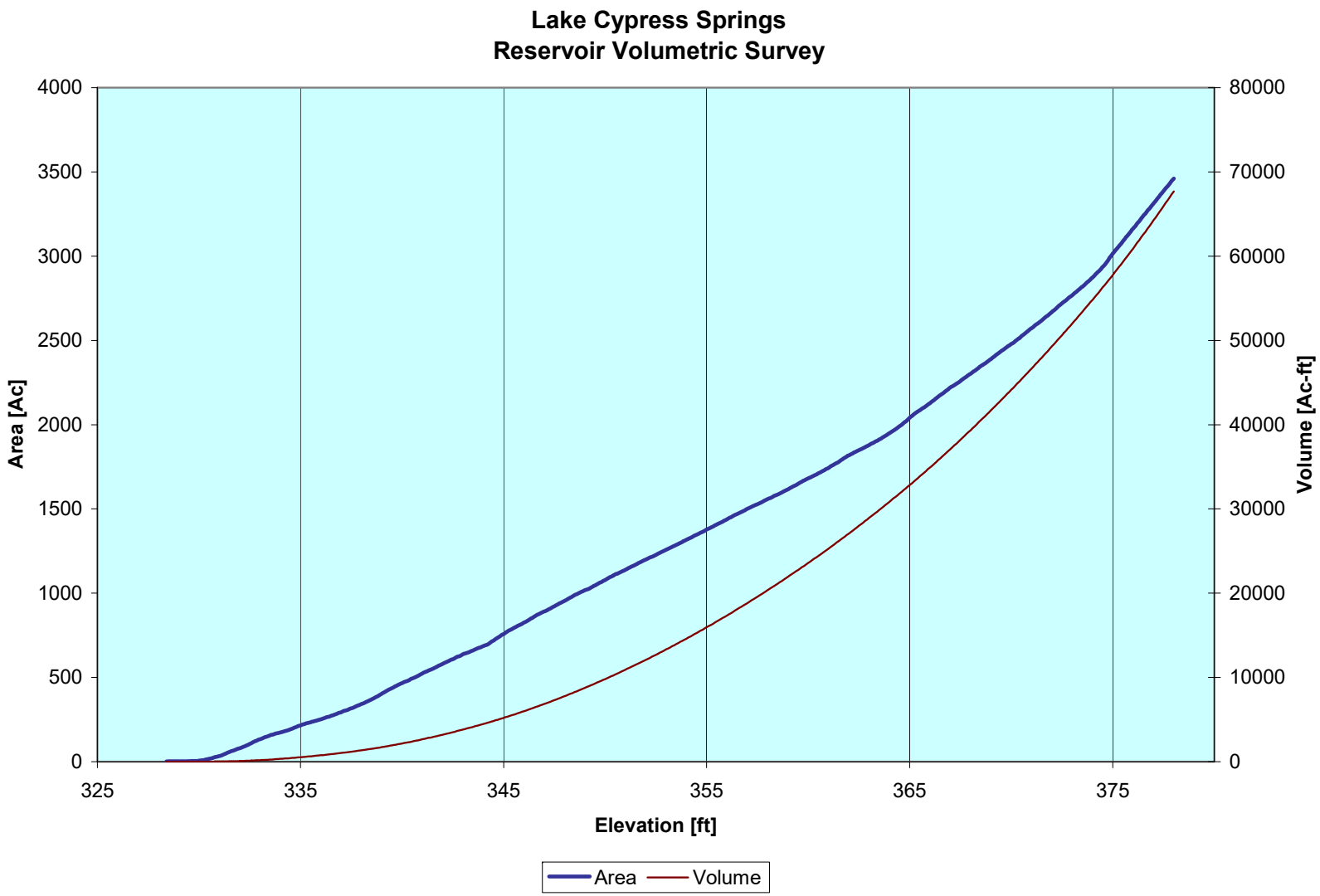

Figure 2 Lake Cypress Springs, Area-Capacity Curve

Schedule for Implementing the Plan to Achieve Targets and Goals

The FCWD will adhere to the following schedule to achieve the targets and goals for water conservation:

- Calibration of meters for raw water deliveries is conducted at least every three years, and more frequently as needed.
- The District will provide water conservation oriented material on its website.

Tracking Targets and Goals

The staff shall track targets and goals by utilizing the following procedures:

- Logs shall be maintained for meter calibration.
- Documentation of water conservation-oriented materials displayed on the website shall be kept.

Figure 3 Implementation Schedule

Appendix B

DEFINITIONS OF COMMONLY USED TERMS

Conservation. Those practices, techniques, and technologies that reduce the consumption of water, reduce the loss or waste of water, improve the efficiency in the use of water, or increase the recycling and reuse of water so that a water supply is made available for future or alternative uses.

Industrial use. The use of water in processes designed to convert materials of a lower order of value into forms having greater usability and commercial value, commercial fish production, and the development of power by means other than hydroelectric, but does not include agricultural use.

Irrigation. The agricultural use of water for the irrigation of crops, trees, and pastureland, including, but not limited to, golf courses and parks which do not receive water through a municipal distribution system.

Municipal per capita water use. The sum total of water diverted into a water supply system for residential, commercial, and public and institutional uses divided by actual population served.

Municipal use. The use of potable water within or outside a municipality and its environs whether supplied by a person, privately owned utility, political subdivision, or other entity as well as the use of sewage effluent for certain purposes, including the use of treated water for domestic purposes, fighting fires, sprinkling streets, flushing sewers and drains, watering parks and parkways, and recreational purposes, including public and private swimming pools, the use of potable water in industrial and commercial enterprises supplied by a municipal distribution system without special construction to meet its demands, and for the watering of lawns and family gardens.

Municipal use in gallons per capita per day. The total average daily amount of water diverted or pumped for treatment for potable use by a public water supply system. The calculation is made by dividing the water diverted or pumped for treatment for potable use by population served. Indirect reuse volumes shall be credited against total diversion volumes for the purpose of calculating gallons per capita per day for targets and goals.

Pollution. The alteration of the physical, thermal, chemical, or biological quality of, or the contamination of, any water in the state that renders the water harmful, detrimental, or injurious to humans, animal life, vegetation, or property, or to the public health, safety, or welfare, or impairs the usefulness or the public enjoyment of the water for any lawful or reasonable purpose.

Public water supplier. An individual or entity that supplies water to the public for human consumption.

Regional water planning group. A group established by the Texas Water Development Board to prepare a regional water plan under Texas Water Code, '16.053.

Retail public water supplier. An individual or entity that for compensation supplies water to the public for human consumption. The term does not include an individual or entity that supplies water to itself or its employees or tenants when that water is not resold to or used by others.

Reuse. The authorized use for one or more beneficial purposes of use of water that remains unconsumed after the water is used for the original purpose of use and before that water is either disposed of or discharged or otherwise allowed to flow into a watercourse, lake, or other body of state-owned water.

Water conservation plan. A strategy or combination of strategies for reducing the volume of water withdrawn from a water supply source, for reducing the loss or waste of water, for maintaining or improving the efficiency in the use of water, for increasing the recycling and reuse of water, and for preventing the pollution of water. A water conservation plan may be a separate document identified as such or may be contained within another water management document(s).

Water loss – The difference between water diverted or treated and water delivered (sold). Water loss can result from:

1. inaccurate or incomplete record keeping;
2. meter error;
3. unmetered uses such as firefighting, line flushing, and water for public buildings and water treatment plants;
4. leaks; and
5. water theft and unauthorized use.

Wholesale public water supplier. An individual or entity that for compensation supplies water to another for resale to the public for human consumption. The term does not include an individual or entity that supplies water to itself or its employees or tenants as an incident of that employee service or tenancy when that water is not resold to or used by others, or an individual or entity that conveys water to another individual or entity, but does not own the right to the water which is conveyed, whether or not for a delivery fee.

If you have any questions on how to fill out this form or about the _____ program, please contact us at 512/239-_____.

Individuals are entitled to request and review their personal information that the agency gathers on its forms. They may also have any errors in their information corrected. To review such information, contact us at 512-239-3282.

Appendix C

CYPRESS SPRINGS SUD MAP
FCWD VICINITY MAP
CITY OF MT. VERNON LOCATION MAP
CITY OF WINNSBORO LOCATION MAP

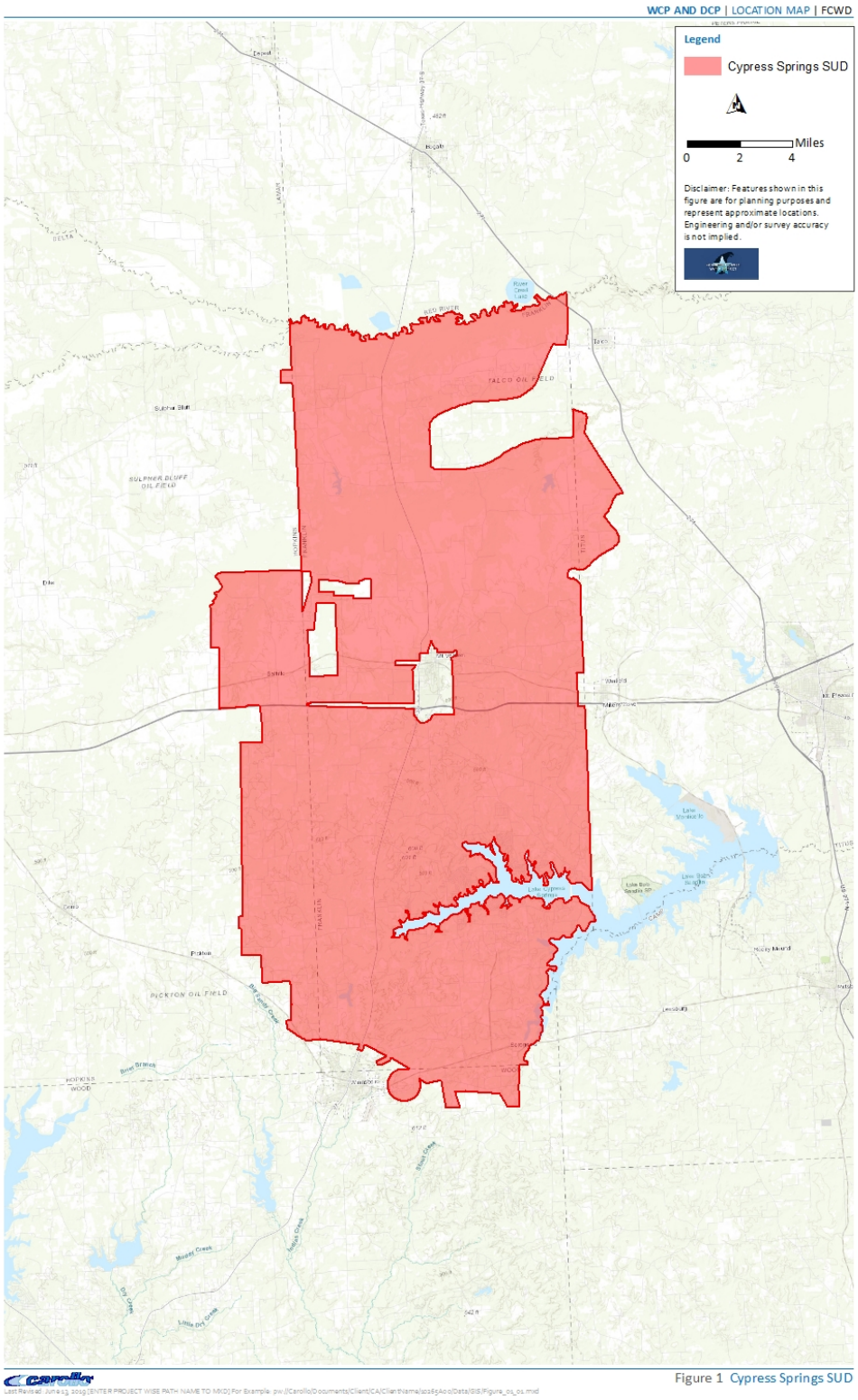

Figure C.1 Cypress Springs SUD Map

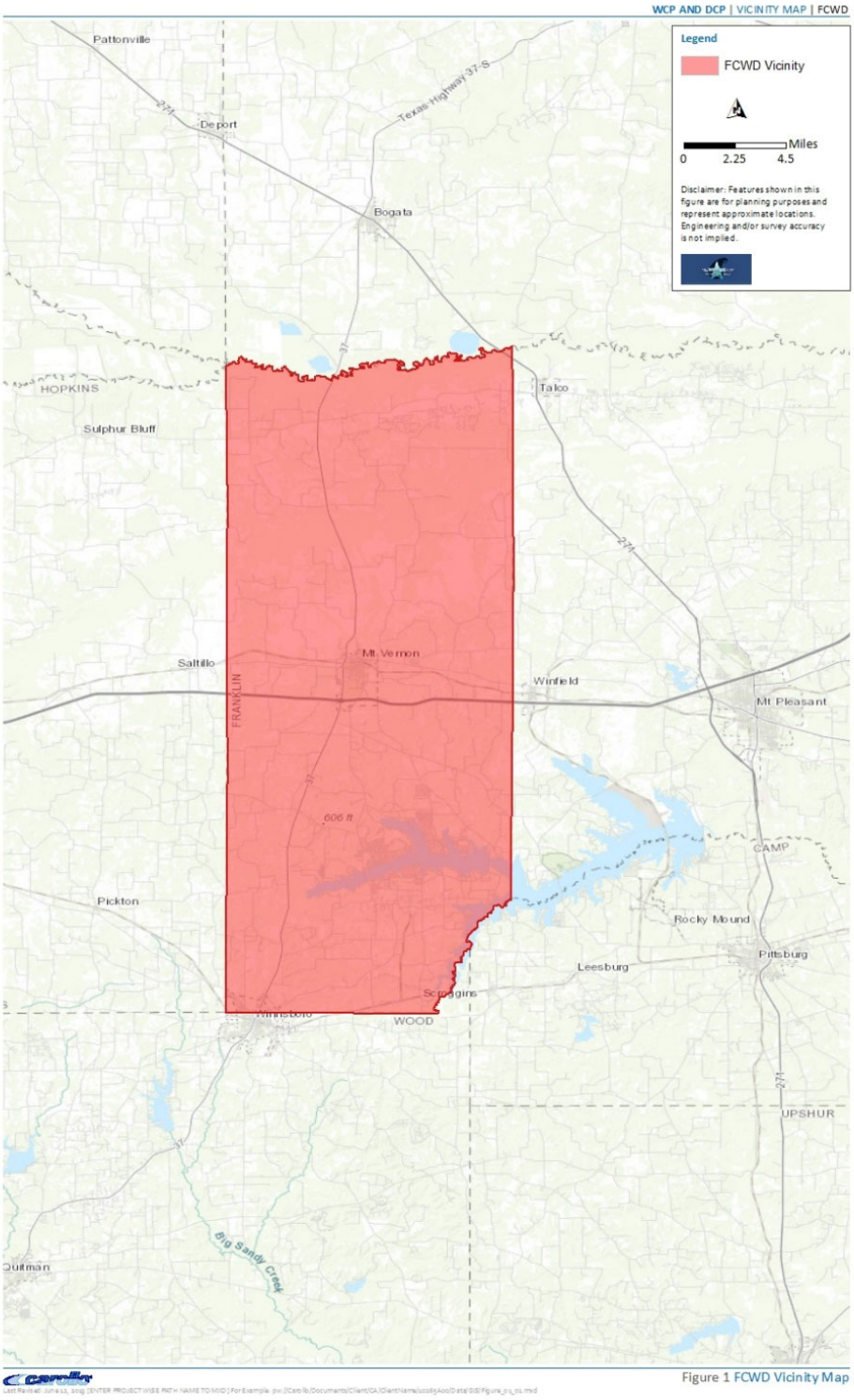

Figure C.2 FCWD Vicinity Map

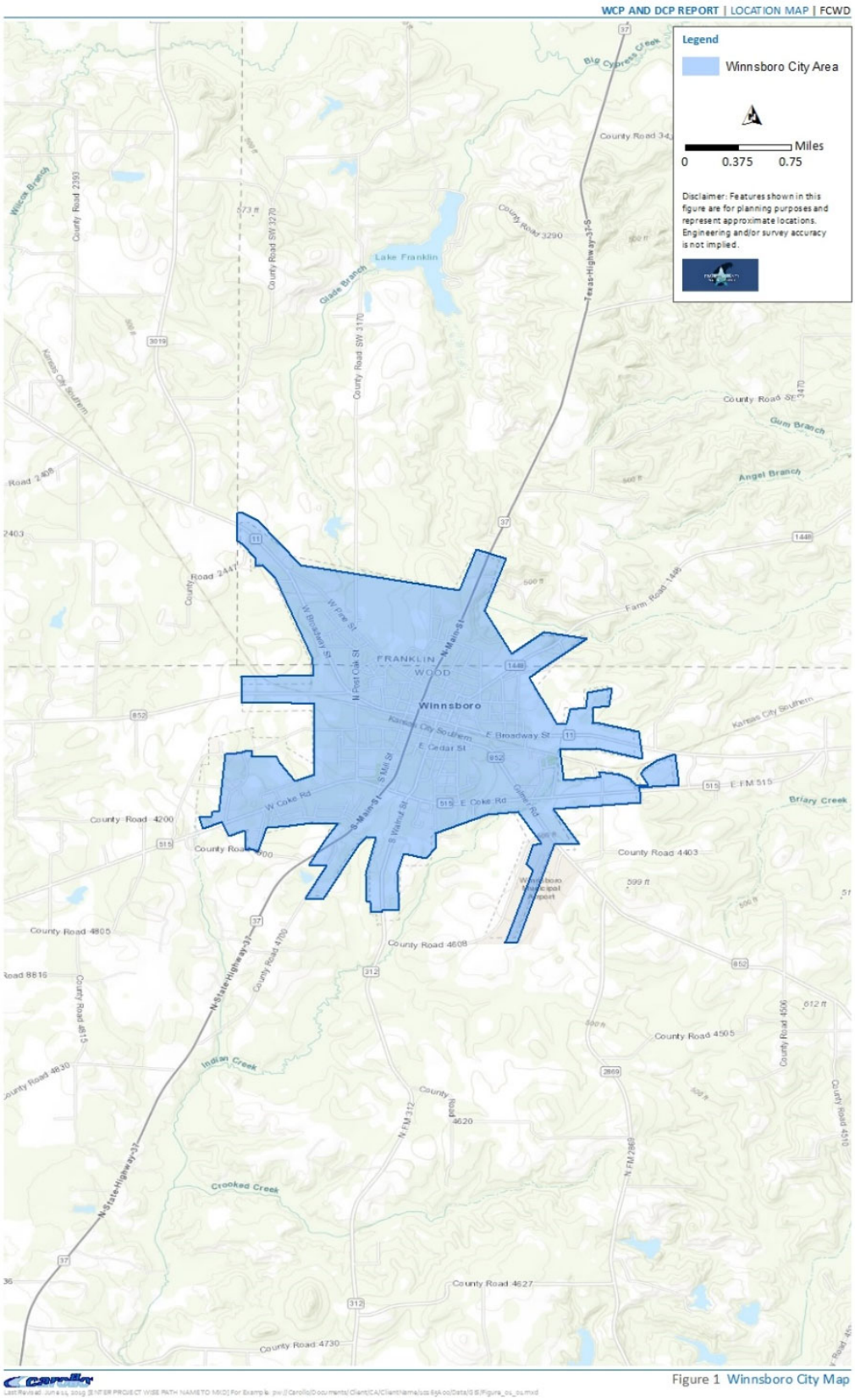

Figure C.3 City of Winnsboro Location Map

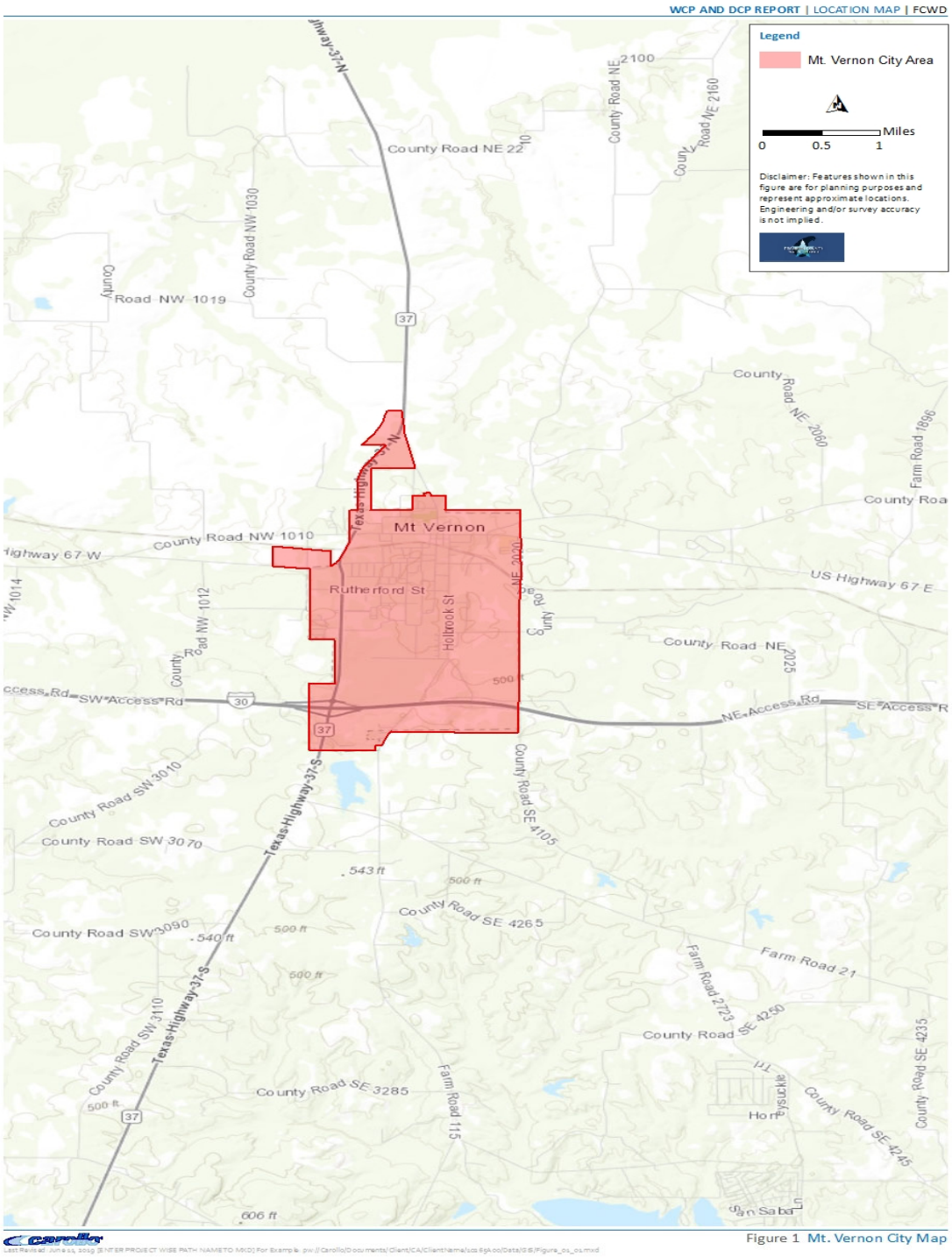

Figure C.4 City of Mt. Vernon Location Map

Appendix D

CYPRESS BASIN AGREEMENT

EXHIBIT V
CYPRESS BASIN OPERATING
AGREEMENT

This agreement entered into this day of , 1972, by and between the Franklin County Water District, the Titus County Fresh Water Supply District No. 1, the Northeast Texas Municipal Water District, the Texas Water Development Board and Lone Star Steel Company.

Whereas, the full development of the water resources of Cypress Creek Basin in Texas is our primary interest to the local area and to the State of Texas, and

Whereas, to accomplish this, it is necessary to resolve the problems associated with water rights in the basin upstream from Lake O' the Pines. This agreement consists of governing rules for division of water resources of the basin through an exchange of storage between Franklin County Reservoir, Titus County Reservoir, Lake O' the Pines and Ellison Creek Reservoir without impairment of existing water rights and will provide a solution for this initial problem.

Whereas, this agreement will:

a. Allow Franklin and Titus Reservoirs to impound portions of their natural inflows which may in fact be covered by prior downstream rights.

b. Provide rules which insure that waters covered by prior downstream rights, if impounded in the upper reservoirs, will be released when necessary to avoid adverse effects on the downstream rights.

c. Equitably divide the waters of Franklin and Titus Reservoirs between the owners of storage space therein.

d. Provide a workable system whereby the Texas Water Rights Commission can monitor hydrologic conditions and administer water rights in the Cypress Creek watershed above Ferrells Bridge Dam (Lake O' the Pines) under conditions of full development and use.

The following abbreviations and definitions are used in this agreement:

1. "FCWD" shall mean Franklin County Water District.

2. "TCFWSD" shall mean Titus County Fresh Water Supply District No. 1.

3. "NETMWD" shall mean Northeast Texas Municipal Water District.

4. "TWDB" shall mean Texas Water Development Board.

5. "TWRC" shall mean Texas Water Rights Commission.

6. "LSS" shall mean Lone Star Steel Company.

7. "Titus Reservoir" shall mean the reservoir proposed for construction on Cypress Creek by TCFWSD and TWDB.

8. "Lake O' the Pines" shall mean Lake O' the Pines Reservoir on Cypress Creek.

9. "Ellison Reservoir" shall mean Ellison Reservoir on Ellison Creek.

10. "Franklin Reservoir" shall mean Lake Cypress Springs on Cypress Creek.

11. "Normal pool level" shall mean the elevation in a reservoir designated as the top of the storage space allocated for water conservation.

12. "Storage account" shall mean a volume of water held in storage in either Franklin or Titus Reservoir and belonging to a specific water rights holder.

13. "Accounting period" shall mean the interval of time at which storage accounts in Franklin and Titus Reservoirs are up-dated. The accounting period shall normally be by calendar months. Any shorter period may be set by mutual agreement between FCWD, TCEWSD, NETMWD, LSS and TWDB. If Lake O' the Pines is drawn down to elevation 221.5 or lower, NETMWD shall have the right to have the accounting period shortened to one week.

14. "Daily inflows" shall mean the computed daily inflows of Franklin and Titus Reservoirs, which shall be determined for purposes of establishing the quantity of water which could possibly be obligated to LSS and NETMWD. Daily inflows to each of the two reservoirs from uncontrolled runoff shall be determined in the following manner:

(a) The over-land runoff entering each reservoir during the accounting period shall be calculated as the algebraic sum of:

(1) The change in reservoir content during the accounting period;

(2) Plus all diversions and releases made from the reservoir during the accounting period;

(3) Plus all spills from the reservoir during the accounting period;

(4) Plus the computed gross evaporation loss from the lake surface during the accounting period;

(5) Minus the computed total rainfall volume falling on the lake surface during the accounting period;

(6) Minus, in the case of Titus Reservoir, any releases or spills coming in from Franklin Reservoir during the accounting period.

(b) The average lake surface area during the accounting period shall be subtracted from the net drainage area contributing to the lake (75 square miles in the case of Franklin Reservoir and 128 square miles in the case of Titus Reservoir) to determine the watershed area from which the over-land runoff originated.

(c) The total runoff for the accounting period shall then be computed as the over-land runoff multiplied by the ratio of the net drainage area (75 square miles for Franklin and 128 for Titus) to the over-land runoff watershed area derived in step (b) above.

(d) If the total runoff for the accounting period is negative, daily inflows shall be taken as zero throughout the accounting period. If the total runoff is positive, the daily inflows shall be computed from the total runoff by assuming a daily pattern of flows comparable to the daily flow pattern observed at the stream gaging station specified in Section E-2-c below.

15. "Net inflow" to Franklin and Titus Reservoirs shall be computed for each accounting period as described below and shall provide the basis for division of the impounded waters between the respective owners of storage space:

a. The change in reservoir content during the accounting period;

b. Plus all releases and diversions chargeable to FCWD, TCFWSD, and TWDB;

c. Minus the changes in the storage accounts of NETMWD and LSS during the accounting period as defined in Section A below;

d. Plus or minus appropriate adjustments for delayed releases by Franklin Reservoir through Titus Reservoir.

It is therefore agreed between the parties that the following are the rules to be used for the exchange of storage:

A. Water Accounting

The water in storage at the end of each accounting period creditable to each owner of a storage account in Franklin and Titus Reservoirs shall be determined as follows:

1. LSS's Storage Accounts

a. LSS's storage accounts in both Franklin and Titus Reservoirs at the end of an accounting period shall be computed as the water in storage to LSS's credit at the beginning of the accounting period:

(1) Plus the daily inflows accumulated during the accounting period creditable to LSS as described in Section B below;

(2) Minus releases made from LSS's storage accounts

(3) Minus reservoir spills chargeable to the LSS storage accounts (spills are chargeable first to NETMWD's storage accounts until depletion of those accounts and then to LSS's storage accounts);

(4) Minus the computed difference in net evaporation loss at Ellison Reservoir due to the LSS storage account water being withheld unstream, based on computation procedures to be developed by engineers of the respective agencies;

(5) Plus, in the case of Titus Reservoir, incoming spills from Franklin Reservoir which are charged against the LSS storage account in Franklin Reservoir.

b. If LSS's storage account total in Franklin and Titus Reservoirs is greater than the empty conservation storage space in Ellison Reservoir, the excess shall transfer to the NETMWD storage accounts, with adjustments being made first in Franklin Reservoir because FCWD holds prior rights over TCFWSD.

2. NETMWD's Storage Accounts

a. NETMWD's storage accounts in both Franklin and Titus Reservoirs at the end of an accounting period shall be computed as the water in storage to NETMWD's credit at the beginning of the accounting period:

-6-

(1) Plus the daily inflows accumulated during the accounting period creditable to NETMWD (daily inflows are creditable to NETMWD's storage account only to the extent that the daily inflow is surplus, on a day-to-day basis, to that to which LSS is entitled according to rules set forth herein);

(2) Minus releases made from NETMWD's storage accounts;

(3) Minus reservoir spills chargeable to the NETMWD storage accounts (spills are chargeable first to NETMWD's storage accounts until depletion of those accounts and then to LSS's storage accounts);

(4) Minus the computed difference in net evaporation loss at Lake O' the Pines due to the NETMWD storage account water being withheld upstream, based on computation procedures to be developed by engineers of the respective agencies;

(5) Plus, in the case of Titus Reservoir, incoming spills from Franklin Reservoir which are charged against the NETMWD storage account in Franklin Reservoir;

(6) Minus releases or diversions made to satisfy municipal requirements for Pittsburg (a debit balance may accumulate in NETMWD's storage account from this source).

b. If NETMWD's storage account total in Franklin and Titus Reservoirs at the end of an accounting period is greater than the empty space in Lake O' the Pines, the excess shall transfer to the accounts of FCWD, TCFWSD, and TWDB, divided in the manner set forth for net inflow in Sections A-3 and A-4 below, with adjustment being made first in Franklin Reservoir because FCWD holds prior rights over TCFWSD.

3. FCWD's Storage Account - FCWD's storage account in Franklin Reservoir at the end of an accounting period shall be equal to the water in storage to FCWD's credit at the beginning of the accounting period, plus a percentage of the net inflow to Franklin Reservoir during the period, minus the releases and diversions chargeable to FCWD during the period. The percentage applied to the net inflow shall be based on percentage ownership of conservation storage space whenever the net inflow is positive, and on the percentage ownership of actual water in storage whenever the net inflow is negative.

4. TCFWSD's Storage Account - TCFWSD's storage account in Titus Reservoir at the end of an accounting period shall be equal to the water in storage to TCFWSD's credit at the beginning of the accounting period, plus a percentage of the net

inflow to Titus Reservoir during the period, minus the re
and diversions chargeable to TCFWSD during the period. T
percentage applied to the net inflow shall be based on pe
tage ownership of conservation storage space whenever the
net inflow is positive, and on the percentage ownership o
actual water in storage whenever the net inflow is negati

5. TWDB's Storage Account - TWDB's storage accounts in Franklin and Titus Reservoirs at the end of an accoun ing period shall be, respectively, the total content of the conservation space in Franklin and Titus Reservoirs less the amounts credited in each to FCWD, TCFWSD, NBTW and LSS.

6. Transfer of Credits

a. At no time will water in conservation stor credited to either FCWD, TCFWSD, or TWDB exceed th respective volumes of conservation storage owned b those agencies, and any water in excess of the ow conservation storage capacity shall be transferre the other storage accounts.

b. Transfer of storage credits between parti this agreement may be made at any time by mutual agreement between the parties concerned, subject approval to TWRC.

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7. Withdrawal of Credits

a. FCWD, TCFWSD and TWDB may utilize water from their respective storage accounts at any time subject to the following:

(1) Releases and diversions made during any calendar year shall not exceed the appropriative rights granted by the TWRC.

(2) Releases and diversions shall be limited to the extent that water is available to their respective storage accounts.

b. NETMWD shall have the right to obtain releases from its storage accounts in the two upper reservoirs to the extent that the total volume of water in those accounts exceeds the following values as they relate to drawdown in Lake O' the Pines (below normal Pool Level, El. 228.5):

Drawdown in Lake O' the Pines(in feet)	NETMWD's Combined Storage Accoun in the Upper Reservoirs(in Acre-F
2'	30,000 Ac-Ft
3'	24,000 Ac-Ft
4'	18,000 Ac-Ft
5'	12,000 Ac-Ft
6'	6,000 Ac-Ft
7'	0 Ac-Ft

c. If at any time the quantity of water credited to NETMWD's storage account in either of the upper reservoirs exceeds twenty percent (20%) of the total storage therein, the excess shall be released if requested by NETMWD.

d. In addition to the above, NETMWD shall have the unconditional right to furnish municipal water for the City of Pittsburg from its storage accounts. NETMWD shall have the right to construct an intake structure and diversion pump station at Titus Reservoir for this purpose.

e. LSS shall have the right to utilize water from its storage accounts to the extent of its availability whenever Ellison Reservoir level is three (3') feet or more below normal.

f. When the LSS storage accounts have been exhausted, and so long as the flow in Cypress Creek at the LSS diversion point remains less than the capacity of existing diversion facilities, the upper lakes shall be operated so as to pass current inflows through these lakes on a day-to-day basis, to the extent that such inflows are creditable to the LSS accounts, if such action is requested by LSS.

g. If releases are made under the terms of Section A-7-b or Section A-7-e above, they shall be made first from Titus Reservoir insofar as possible and then from Franklin Reservoir.

h. Any release from the NETMWD and LSS storage accounts in Franklin Reservoir shall be allowed to pass through Titus Reservoir without hindrance.

B. Operation of Ellison Reservoir

1. When storage accounts are up-dated at the end of an accounting period, the LSS storage accounts shall have priority over NETMWD storage accounts, and water shall be credited to the LSS storage accounts if the following two conditions are met:

a. LSS shall be entitled to storage account credit for a given day only if the flow in Cypress Creek at the LSS diversion point on that day is less than the amount that LSS is able to divert from Cypress Creek with existing facilities under terms of Permit 1405, as amended, and also

b. LSS shall be entitled to storage account credit for a given day only if the amount actually diverted from Cypress Creek by LSS on that day is equal to or greater than ninety (90%) percent of the amount of water available to LSS in Cypress Creek.

2. On any day when these conditions are satisfied, the amount of water credited to the LSS storage accounts shall be the difference between the said LSS diversion capacity and the amount flowing in Cypress Creek at the point of diversion, the amounts credited, however, to be limited to not exceed the inflows to the upper reservoirs on the same day.

C. Until Modifications are made to the outlet works at the Franklin Reservoir, it may be impossible to release waters credited to NETMWD or LSS as rapidly as desired. Insofar as

as it is practicable to do so, releases will be made from Titus Reservoir storage to make up for the restricted discharge capability at Franklin Dam, and compensating releases will be made from Franklin Reservoir as rapidly as possible. Metering of the water released from Franklin into Titus Reservoir shall be accomplished by FCWD at its expense.

D. LSS and NETMWD shall have the option at any time of calling for the water credited to their storage accounts, when eligible to do so, or leaving the water in storage in the upper reservoirs. Each shall retain title to such waters until conditions prevail as described in Section A-1-b for LSS's account and A-2-b for NETMWD's account when adjustments in ownerships shall be made as set forth therein. Waters released will be at the rate and time requested by LSS or NETMWD, measured at Franklin Dam for releases required from Franklin Reservoir and at Titus Dam for releases required from Titus Reservoir.

E. Streamflow Gages

Parties to this agreement will cooperate with the U. S. Geological Survey in the cost of operation and maintenance of recording streamflow gages as described herein and others that may be required by the TWRC.

1. FCWD's Gages

a. Franklin Reservoir lake-stage recording gage,

b. Cypress Creek upstream from head of Franklin Reservoir

2. TCFWSD's Gages

a. Cypress Creek downstream from its dam for measurement of spillway and outlet works discharges,

b. Titus Reservoir lake-stage recording gage,

c. Tributary stream upstream from head of Titus Reservoir for use in computation of daily inflows.

3. NETMWD's Gages

a. Lake O' the Pines lake-stage recording gage.

4. LSS's Gages

a. Ellison Reservoir lake-stage recording gage.

5. Gages Financed Jointly by Owners of the Four Reservoirs

a. Cypress Creek upstream from mouth of Ellison Creek.

6. In addition to the stream flow gages, all diversions made from Franklin Reservoir, Titus Reservoir, Ellison Reservoir, and Lake O' the Pines will be metered with modern equipment indicating quantities to an accuracy within five (5%) percent, and all records collected will be available for examination by other parties to the Agreement.

F. This agreement shall become effective January 1, 1973.

Appendix E

PROOF OF IMPLEMENTATION AND ADOPTION

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MINUTES OF THE MEETING OF

THE BOARD OF DIRECTORS OF THE

FRANKLIN COUNTY WATER DISTRICT

HELD: SEPTEMBER 15, 2009

THE STATE OF TEXAS

FRANKLIN COUNTY WATER

DISTRICT COUNTY OF FRANKLIN

On this the 15th day of September 2009, the Board of Directors of the Franklin County Water District convened in REGULAR SESSION at the District office located at 112 North Houston Street on the East side of the square in Mount Vernon, Texas, with the following members present:

TIM PHILHOWER	PRESIDENT
BILLY JORDAN	VICE PRESIDENT
RODNEY NEWSOM	SECRETARY
GARY CUNNINGHAM	DIRECTOR

And with the following members absent: DWAYNE BOLIN.

Also present were J.R. Alphin, Ed Loutherback, Clyde Parker, Wayne Ruyle, David Weidman and Sheila Donica.

The President called the meeting to order, declared a quorum present, and that the meeting was duly convened and ready to transact business.

Notice of this meeting was given, stating the time, place and purpose, all as required by Chapter 551 of the Government Code.

Invocation was given by Rodney Newsom.

MOTION was made by Rodney Newsom, and SECONDED by Gary Cunningham, to approve the Consent Agenda as presented. The President put the question and, after full discussion and deliberation thereon, all members present voted "AYE". NONE voted "NO". The Consent Agenda was as follows:

A. Approval and Ratification of Minutes from the August 18, 2009 Regular Meeting
B. Ratification of Paid Bills
C. Investment Report D. New Lease Agreement for:
D. Michael W. Hutchings, Lot 21, Block 20, Section 3, Tall Tree; and
    1. Walter Mortgage Company, LLC, Lots 62 and 63, Phase 1, Snug Harbor
E. Replat Amendment to Lease Agreement for William and Betty Moore, Lot 526, East ½ of Lot 527 and Part of Lot 524, Section 2, Kings Country
F. Approval of Resolution for Adopting Amended Water Conservation and Drought Contingency Plan

Copies of the Bills, Investment Report, New Leases, Replat Amendment to Lease, and Resolution are attached hereto and made a part hereof.

The General Manager introduced the District's new Lake Patrol Officer Clyde Parker to the Board.

At this time, the Board opened up the meeting for the public hearing regarding the proposed 2009 tax rate for debt service. No comments were made by the public and the Board closed the public hearing.

MOTION was made by Billy Jordan, and SECONDED by Gary Cunningham, to set the District's 2009 tax rate at $0.0318 per $100 of assessed value. The President put the question and, after full discussion and deliberation thereon, all members present voted "AYE". NONE voted "NO".

The Board discussed the possibility of eliminating the $2.00 day use fee for District parks and charging everyone $10.00 for rough camping, thus eliminating the taypayer stickers issued by the District. No action was taken at time; however, the Board did request that this item be placed on the October agenda for action.

The General Manager reported on the following items:
A. Franklin County Dam remediation project
B. Mary King Park construction project
C. District dive team
D. Article 5, Section 10, Rules and Regulations regarding golf carts on District property

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At 6:52 p.m., the Board convened in Executive Session for the purpose of discussing personnel matters and employee evaluations. When the Board reconvened in Open Session at 7:42, the following action was taken: MOTION was made by Billy Jordan, and SECONDED by Rodney Newsom, to approve employee compensation packet as discussed. The President put the question and, after full discussion and deliberation thereon, all members present voted "AYE". NONE voted "NO".

There being no further business, the meeting was adjourned.

MINUTES approved this the 15th day of September 2009.

_____
Tim Philhower, President

_____
Billy Jordan, Vice President

_____
Rodney Newsom, Secretary

_____ABSENT_____
Dwayne Bolin, Director

_____
Gary Cunningham, Director

17 F

RESOLUTION FOR ADOPTION OF A WATER CONSERVATION AND DROUGHT CONTINGENCY PLAN

RESOLUTION NO. 0909

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE FRANKLIN COUNTY WATER DISTRICT ADOPTING A WATER CONSERVATION AND DROUGHT CONTINGENCY PLAN.

WHEREAS, the Board recognizes that the amount of water available to the Franklin County Water District and its water utility customers is limited and subject to depletion, especially during periods of extended drought;

WHEREAS, as authorized under law, and in the best interests of the customers of the District, the Board deems it expedient and necessary to establish certain rules and policies for the orderly and efficient management of limited water supplies;

NOW THEREFORE, BE IT RESOLVED BY THE FRANKLIN COUNTY WATER DISTRICT:

SECTION 1. That the Water Conservation and Drought Contingency Plan attached hereto and made part hereof for all purposes be, and the same is hereby, adopted as the official policy of the District.

SECTION 2. That the General Manager is hereby directed to implement, administer, and enforce the Plan.

SECTION 3. That this resolution shall take effect immediately upon its passage.

DULY PASSED BY THE FCWD ON THIS 15th day of September 2009.

President

ATTESTED TO:

Secretary / Assistant Secretary

Changes to the Water Conservation and Drought Contingency Plan

Updates to all water conservation and drought contingency plans were required in 2009 by TCEQ. FCWD's plan was reviewed to determine if it met new requirements and if it was an operable plan. Major changes were not found to be necessary, but several updates were made, as follows:

- Customer data for the District's customers including number of active meters was updated.
- Goals for 5 and 10-year water savings and water loss were updated.
- The District's website was added as a means for public notification of Plan elements.
- The next plan update was scheduled for May 2014.
- A TCEQ required Implementation Report was completed listing how the water conservation plan was effective over the past year.
- An updated Utility Profile report was completed.

The updated Plan has been submitted to TCEQ for review and approval.

Hayter Engineering, Inc.

Appendix F

WATER CONSERVATION RESOLUTION

ORDER NO. 10-15-2019-1

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE FRANKLIN COUNTY WATER DISTRICT ADOPTING WATER CONSERVATION AND DROUGHT CONTINGENCY PLANS

WHEREAS, the Franklin County Water District (the "District") is a water control and improvement district pursuant to Chapters 49 and 51 of the Texas Water Code;

WHEREAS, the Texas Water Code and regulations of the Texas Commission on Environmental Quality ("TCEQ") require the District to adopt a water conservation plan and a drought contingency plan; and

WHEREAS, the District wishes to comply with the Texas Water Code and TCEQ rules and has prepared the updates to its Water Conservation Plan and Drought Contingency Plan.

NOW THEREFORE, it is ordered by the Board of Directors of Franklin County Water District as follows:

Section 1: The above recitals are true and correct and are incorporated into this Resolution for all purposes.

Section 2: The Board of Directors hereby approves, updates, and adopts the Water Conservation Plan, provided as **Exhibit A,** and the Drought Contingency Plan, provided as **Exhibit B**.

Section 3: This Order shall continue to be in effect until its rescission or modification in writing.

PASSED, ADOPTED, AND APPROVED this 15 day of October, 2019.

Gary Cunningham, President

ATTEST:

Rodney Newsom, Secretary

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