



City of Crowley

Drought and Water Emergency Plan

City of Crowley
201 E Main St., PO Box 747
Crowley, Texas 76036

April 2019

Table of Contents

1.	Introduction and Objectives	1
2.	Texas Commission on Environmental Quality	1
3.	Water System Profile	1
4.	Drought and Water Emergency Plan	2
4.1	Public Education and Involvement	2
4.2	Initiation & Termination of Drought & Emergency Response Stages	2
4.2.1	Initiation of a Drought/Emergency Water Management Stage	3
4.2.2	Termination of a Drought Stage	3
4.3	Drought and Emergency Response Stages	4
4.3.1	Stage 1 - Water Watch	4
4.3.2	Stage 2 - Water Warning	8
4.3.3	Stage 3 - Emergency Water Use	11
4.4	Procedures for Granting Variances to the Plan	13
4.5	Procedures for Enforcement of Mandatory Water Use Measures	14
4.6	Coordination with Other Entities	14
4.7	Review and Update of Drought and Water Emergency Plan	14
Appendix A	Copy of Adoption Ordinance	15
Appendix B	Copy of Required Submittal Letters	16

1. Introduction and Objectives

The purpose of the Drought and Water Emergency Plan (subsequently referred to as the Plan) is as follows:

- To conserve the available water supply in times of drought and water emergency;
- To maintain supplies for domestic water use, sanitation, and fire protection;
- To protect and preserve public health, welfare, and safety;
- To minimize the adverse impacts of water supply shortages; and
- To minimize the adverse impacts of emergency water supply conditions.

In this document, “drought response” or “water emergency” refer to the required or optional water use restrictions imposed on all water users, including commercial and industrial users, by the City of Crowley. As a wholesale customer of the City of Fort Worth, the City of Crowley must implement a “Drought Contingency and Emergency Water Management Plan” when the City of Fort Worth or the Tarrant Regional Water District (“TRWD”) - the City of Fort Worth’s water supplier - deems that one or more triggering conditions have occurred. In addition to actions mandated by the City of Fort Worth or the TRWD, the City of Crowley may implement other precautionary measures, as deemed necessary by the Director of Public Works. For simplicity, the City of Crowley refers to its “Drought Contingency and Emergency Water Management Plan” as a “Drought and Water Emergency Plan.”

2. Texas Commission on Environmental Quality Rules

TCEQ rule Title 30, Part 1, Chapter 288, Subchapter A, Rule 288.1 (4) defines a drought contingency plan as “a strategy or combination of strategies for temporary supply and demand management responses to temporary and potentially recurring water supply shortages and other water supply emergencies.”

TCEQ rules governing development of and minimum requirements for drought contingency plans for municipal water suppliers and wholesale water suppliers are contained in Texas Administrative Code Title 30, Part 1, Chapter 288, Subchapter B, Rule 288.20 and Rule 288.22, respectively.

3. Water System Profile

The City of Crowley was incorporated on February 3, 1951, Crowley covers approximately 7.6 square miles and is located in southwest Tarrant County adjacent to the City of Fort Worth. The City of Crowley Water System (Public Water System ID 2200034) currently served more than 15,000 residents in 2018, with the population expected to grow to 40,000 by the year 2050. The City of Fort Worth provides Crowley with all of the potable water used by the City and treats all the sanitary waste generated by the City. The storm water is carried into Deer Creek within the City using a combination of closed systems

and open ditches. This creek ultimately discharges into Lake Arlington. A commercial contractor provides for solid waste pickup and disposal.

The supply sources for the City are:

- Lake Bridgeport (via the West Fork of Trinity River);
- Eagle Mountain Lake (via the West Fork of Trinity River);
- Lake Worth (via the West Fork of Trinity River);
- Lake Benbrook (A pipeline connects Lake Benbrook to the Rolling Hills Water Treatment Plant to supplement supply to that plant. A pump station on the Clear Fork of the Trinity River also supplies the Holy Water Treatment Plant.);
- Cedar Creek Reservoir (via pipeline), located approximately 75 miles southeast of Fort Worth;
- Richland-Chambers Reservoir (via pipeline), located approximately 75 miles southeast of Fort Worth; and
- Water is pumped from wells out of the Trinity and Paluxy aquifers for emergency use only.

4. Drought and Water Emergency Plan

4.1 Public Education and Involvement

At any time that the Drought and Water Emergency Plan is activated or the stage changes, the City of Crowley will notify local media of the issues, the current response stage, and the specific actions required of the public. The information will also be publicized on the City's website. Bill inserts will also be used as appropriate.

Crowley will inform and educate the public about the Drought and Water Emergency Plan through the following means:

- Preparing fact sheets describing the Plan and making them available online, at various City sites, and at events where the Crowley water department is hosting a booth.
- Posting a copy of the Plan on the City's website.
- Notifying local organizations, schools, and civic groups that staff are available to make presentations on the Plan.
- Promote awareness by means of electronic communication to residents through text messages, push notifications and/or any other platform available.

4.2 Initiation & Termination of Drought & Emergency Response Stages

The provisions of this Plan shall apply to all persons, customers and property utilizing potable water provided by the City of Crowley. The terms "person" and "customer" as used in the Plan include individuals, corporations, partnerships, associations, and all

other legal entities. The Plan does not apply to locations using treated wastewater effluent, private wells or possessing their own water rights in the Trinity River; however, any pond, impoundment, body of water, or other water source that is supplemented, or has the ability to supplement supply, with potable water shall adhere to the provisions of this plan.

The Plan may be applied to the entire City or geographic portions of the City as necessary. If the Plan is applied only to a limited sector, the boundaries will be defined in terms of roadways, creeks or other easily distinguishable features, such as city limits.

4.2.1 Initiation of a Drought / Emergency Water Management Stage

The Public Works Director or official designee may order the implementation of a drought response or water emergency stage when one or more of the trigger conditions for that stage is met. The following actions will occur when a stage is initiated.

- Notify the public through local media outlets and the City's website.
- The City of Fort Worth will be notified by telephone and with a follow-up letter, email, or fax that provides details of the reasons for initiation of the drought or water emergency stage (unless originally implemented by Fort Worth).
- The City of Crowley will notify the Executive Director of TCEQ within 5 business days when mandatory provisions of the Plan are activated.

Stages imposed by the City of Fort Worth and TRWD must be initiated by the City of Crowley in the Crowley water system service area.

For other trigger conditions, the Public Works Director or official designee may decide not order the implementations of a drought response or water emergency stage even though one or more of the trigger criteria for the stage are met. Factors which could influence such a decision include, but are not limited to, the time of the year, weather conditions, the anticipation of replenished water supplies or the anticipation that additional facilities will become available to meet needs. The Director shall document the reason for this decision.

4.2.2 Termination of a Drought Stage

The Public Works Director or official designee may order the termination of a drought response or water emergency stage when the conditions for termination are met or at the Director's discretion. The following actions will be taken when a drought stage is terminated:

- Notify the public through local media outlets and the City's website.
- The City of Fort Worth will be notified by telephone with a follow-up letter, email or fax.
- If any mandatory provisions of the drought and water emergency plan that have

been activated are terminated, customers will notify the Executive Director of the TCEQ within 5 business days.

The Director or official designee may decide not to order the termination of a drought response stage or water emergency even though the conditions for termination of the stage are met. The Director or official designee may choose to implement a phased out approach when exiting various stages to protect the integrity of the system. Factors which could influence such a decision include, but are not limited to, the time of the year, weather conditions, or the anticipation of potential changed conditions that warrant the continuation of the drought stage. The Director shall document the reason for this decision.

4.3 Drought and Emergency Response Stages

4.3.1 Stage 1 - Water Watch

Triggering Conditions for Stage 1

Stage 1 is triggered by the following conditions as required by the City of Fort Worth Wholesale Water Customer Contract.

- Water demand reaches or exceeds 90% of reliable delivery capacity for three consecutive days. The delivery capacity could be citywide or in a specified portion of the system.
- Fort Worth's water treatment or distribution system becomes contaminated.
- City of Crowley water demand for all or part of the delivery system approaches delivery capacity because delivery capacity is inadequate.
- Fort Worth's water supply system is unable to deliver water due to the failure or damage of major water system components.
- TRWD initiated Stage 1 – Water Watch may be initiated for one or more of the following reasons:
 - Total raw water supply in TRWD western and eastern division reservoirs drops below 75% (25% depleted) of conservation storage.
 - Water demand for all or part of the TRWD delivery system exceeds delivery capacity because delivery capacity is inadequate.
 - Water demand is projected to approach the limit of TRWD's permitted supply.
 - TRWD's supply source becomes contaminated.
 - TRWD's water supply system is unable to deliver water due to the failure or damage of major water system components.
 - The TRWD General Manager, with the concurrence of the TRWD Board of Directors, finds that conditions warrant the declaration of a Stage 1 drought.

Terminating Conditions for Stage 1

Stage 1 will terminate when the total combined raw water supply in TRWD western and eastern division reservoirs exceeds 95% of conservation storage capacity or remains at or above 85% for 90 consecutive days, whichever occurs first.

Goal for Use Reduction for Stage 1

The goal for water use reduction under Stage 1, Water Watch, is five percent. If circumstances warrant or if required by the City of Fort Worth, the Director or official designee can set a goal for greater water use reduction.

Actions Available for Stage 1

The Director or official designee may order the implementation of any of the actions listed below, as deemed necessary. The Director or official designee must implement any action(s) required by the City of Fort Worth.

All Water Users

Initiate mandatory restrictions to prohibit non-essential water use as follows:

- Discourage hosing of paved areas, such as sidewalks, driveways, parking lots, tennis courts, patios, or other impervious surfaces, except to alleviate an immediate health or safety hazard. This may include premises with raw or processed food, pharmaceutical or vaccine processing, storage or vending establishments including restaurants and grocery stores may be washed to the extent necessary for sanitary purposes. These areas may also include:
 - Trash and dumpster areas
 - Areas around fuel pumps
 - Store front cleaning of areas with accumulated bird droppings, feathers and debris
 - Localized spot cleaning of parking areas to remove oil, grease buildup that may pose a health and safety issue.
- Discourage hosing of buildings or other structures for purposes other than fire protection or surface preparation prior to painting.
- Prohibit using water in such a manner as to allow runoff or other waste, including:
 - Failure to repair a controllable leak, including a broken sprinkler head, a leaking valve, leaking or broken pipes, or a leaking faucet;
 - Operating a permanently installed irrigation system with: (a) a broken head; (b) a head that is out of adjustment and the arc of the spray head is over a street or parking lot; or (c) a head that is misting because of high water pressure; or
 - During irrigation, allowing water to (a) to run off a property and form a stream of water in a street for a distance of 50 feet or greater; or (b) to pond in a

street or parking lot to a depth greater than one-quarter of an inch.

- Allowing or causing an irrigation system or other lawn watering device to operate during any form of precipitation or when temperatures are at or below 32 degrees Fahrenheit.
- Prohibit outdoor watering with sprinklers or irrigation systems between 10 a.m. and 6 p.m.
- Limit landscape watering with sprinklers or irrigation systems at each service address to a twice per week schedule as outlined below. This includes landscape watering of parks and sports fields.
 - No watering allowed on Mondays
 - Residential addresses ending in an even number (0, 2, 4, 6, or 8) may water on Wednesdays and Saturdays.
 - Residential addresses ending in an odd number (1, 3, 5, 7 or 9) may water on Thursdays and Sundays.
 - All non-residential locations (apartment complexes, businesses, industries, parks, medians, etc.) may water on Tuesdays and Fridays.

Exceptions:

- Lawns and landscaping may be watered on any day, at any time, by handheld hose, drip irrigation, a soaker hose or tree bubbler. (The intent of this measure is to allow for the protection of structural foundations, trees, and other high value landscape materials).
- Water use necessary for the repair of an irrigation system, plumbing line, fountain, etc. in the presence of the person making the repair.
- Outdoor watering at service addresses with large multi-station irrigation systems may take place in accordance with a variance granted by the Director or official designee, if the Director determines that a property cannot be completely irrigated with an average of three-quarters of an inch of water in a single day, and that the property should be divided into sections to be irrigated on different days. If approved, no station will be watered more than twice per week.
- Establishing new turf is discouraged. If hydro mulch, grass sod, or grass seed is installed for the purpose of establishing a new lawn, there are no watering restrictions for the first 30 days while it is being established; adhering to the no watering between the hours of 10 a.m. and 6 p.m. After that, the watering restrictions set forth in this stage apply. (This does not include over seeding with rye, or seasonal grasses, since turf already exists.)
- Golf courses may water greens and tee boxes as necessary, however watering must be done before 10 a.m. and after 6 p.m. Encouraged to reduce water use by five percent.

- Skinned areas of sports fields may be watered as needed for dust control.
 - Watering of athletic fields (fields only, does not include surrounding landscaped areas) used for organized sports practice, competition, or exhibition events may occur as necessary to protect the health and safety of the players, staff, or officials present for athletic events. Encouraged to reduce water use by five percent.
 - Public areas that are open to the public at-large and have a high impact from frequent use may be allowed additional watering, with a variance granted by the Director, if it is deemed to be beneficial to serve and protect the community amenity. Examples may include but are not limited to: outdoor amphitheaters, demonstration gardens, public art exhibitions, outdoor learning areas, arboretums, etc.
- All users are encouraged to use native and adapted drought tolerant plants in landscaping.
 - Washing of any motor vehicle, motorbike, boat, trailer, airplane, or other vehicle shall be limited to the use of a hand-held bucket or a hand-held hose equipped with a positive-pressure shutoff nozzle for quick rinses. Vehicle washing may be done at any time on the premises of a commercial car wash or commercial service station. Companies with an automated on-site vehicle washing facility may wash its vehicles at any time. Further, such washing may be exempt from these requirements if the health, safety, and welfare of the public are contingent upon frequent vehicle cleansing, such as garbage trucks and vehicles used to transport food and perishables.
 - Discourage the filling, draining, or refilling of swimming pools, wading pools, hot tubs and Jacuzzi type pools except to maintain adequate water levels for structural integrity, proper operation and maintenance, and/or to alleviate an issue that poses a public safety risk.

City and Local Governments

In addition to the actions listed above, the Public Works Director or official designee may take the following actions regarding City facilities:

- Review conditions and problems that caused Stage 1. Take corrective action.
- Increase public education efforts on ways to reduce water use.
- Increase enforcement efforts.
- Intensify leak detection and repair efforts.
- Audit all city and local government irrigation systems to ensure proper condition, settings, and operation.
- Identify and encourage voluntary reduction measures by high-volume water users through water use audits.
- Reduce non-essential water use. As used herein, non-essential water uses are those that do not have any health or safety impact and are not needed to meet the

core function of the agency.

Commercial or Industrial

- All actions listed above for all water users apply to commercial and industrial users.
- Stock at commercial plant nurseries is exempt from Stage 1 watering restrictions.
- Hotels, restaurants, and bars are encouraged to serve drinking water to patrons on an “on demand” basis.
- Hotels are encouraged to implement laundry conservation measures by encouraging patrons to reuse linens and towels.
- Car wash facilities must keep equipment in good working order, which should include regular inspections to be sure there are no leaks, broken or misdirected nozzles, and that all equipment is operating efficiently.
- All commercial and industrial customers are encouraged to audit irrigation systems

4.3.2 Stage 2 - Water Warning

Triggering Conditions (Stage 2)

Stage 2 is triggered by the following conditions as required by the City of Fort Worth Wholesale Water Customer Contract.

- Water demand reaches or exceeds 95% of reliable delivery capacity for three consecutive days. The delivery capacity could be citywide or in a specified portion of the system.
- Contamination of the water supply source(s) or water supply system.
- The City of Crowley’s water demand for all or part of the delivery system equals or exceeds delivery capacity because delivery capacity is inadequate.
- The City of Crowley’s water supply system is unable to deliver water due to the failure or damage of major water system components.
- TRWD initiated Stage 2 – Water Warning for one or more of the following reasons:
 - Total raw water supply in TRWD western and eastern division reservoirs drops below 60% (40% depleted) of conservation storage.
 - Water demand for all or part of the TRWD delivery system exceeds delivery capacity because delivery capacity is inadequate.
 - Water demand is projected to approach the limit of TRWD’s permitted supply.
 - TRWD’s supply source becomes contaminated.
 - TRWD’s water supply system is unable to deliver water due to the failure or damage of major water system components.

- The TRWD General Manager, with the concurrence of the TRWD Board of Directors, finds that conditions warrant the declaration of a Stage 2 drought.

Terminating Conditions for Stage 2

Stage 2 will terminate when the total combined raw water supply in TRWD western and eastern division reservoirs exceeds 75% of conservation storage capacity or remains at or above 70% for 30 consecutive days.

Goal for Use Reduction for Stage 2

The goal for water use reduction under Stage 2 – Water Warning is to decrease use by 10 percent. If circumstances warrant or if required by the City of Fort Worth, the Director or official designee can set a goal for greater water use reduction.

Actions Available for Stage 2

The Director or official designee may order the implementation of any of the actions listed below, as deemed necessary. The Director or official designee must implement any action(s) required by the City of Fort Worth.

- Continue actions under Stage 1.
- Initiate engineering studies to evaluate water supply alternatives should conditions worsen.

All Water Users

- Limit landscape watering with sprinklers or irrigation systems to a once per week schedule at each service address as determined by the Public Works Director. This includes landscape watering at parks and sports fields.

Exceptions:

- Lawns and landscaping may be watered on any day, at any time, by handheld hose, drip irrigation, a soaker hose or tree bubbler
- Outdoor watering at service addresses with large multi-station irrigation systems may take place in accordance with a variance granted by the director of utilities, if the director determines that a property cannot be completely irrigated with an average of three-quarters of an inch of water in a single day, and that the property should be divided into sections to be irrigated on different days. If approved, no station will be watered more than once per week.
- Golf courses may water greens and tee boxes as needed to keep them alive, however watering must be done before 10 a.m. and after 6 p.m. Fairways are restricted to once per week watering as outlined above. Golf course rough cannot be watered.
- Watering of athletic fields (fields only, does not include surrounding landscaped areas) used for organized sports practice, competition, or

exhibition events may occur as necessary to protect the health and safety of the players, staff, or officials present for athletic events. Encouraged to reduce water use by 10%.

- All users are encouraged to wait until the current drought or emergency situation has passed before establishing new landscaping and turf. Variances granted for establishing new turfgrass or landscaping will be for a maximum of 30 days from the date of approval. After that, the watering restrictions set forth in this stage apply. (This does not include over seeding with rye since turf already exists.)
- Discourage the operation of ornamental fountains or ponds that use potable water except where necessary to support aquatic life or where such fountains or ponds are equipped with a recirculation system.
- Discourage the filling, draining, or refilling of swimming pools, wading pools, hot tubs and Jacuzzi type pools except to maintain adequate water levels for structural integrity, proper operation and maintenance, and/or to alleviate an issue that poses a public safety risk.
- Encourage the use of covers for all types of pools, hot tubs, and Jacuzzi type pools when not in use.

City and Local Governments

In addition to the actions listed above, the Public Works Director or official designee may take the following actions regarding City facilities:

- Review conditions or problems that caused Stage 2. Take corrective action.
- Increase frequency of media releases on water supply conditions.
- Further accelerate public education efforts on ways to reduce water use.
- Eliminate non-essential water use. As used herein, non-essential water uses are those that do not have any health or safety impact and are not needed to meet the core function of the agency.
- Prohibit wet street sweeping.

Commercial or Industrial

- All actions listed above for all water users apply to commercial and industrial users.
- Use of water from fire hydrants for any purpose other than firefighting related activities or other activities necessary to maintain public health, safety and welfare requires a variance issued by the Water Director. Fire hydrant use may be limited to only designated hydrants. Upon declaration of this drought stage, all holders or applicants of a Water Fire Hydrant Meter Agreement are required to apply for a variance as set forth in this plan. If conditions allow, as determined by the Water Director, the use of water from hydrants may continue until the Water Director or his/her designee issues a determination on the petition for variance. If conditions do not allow, the Water Director may require all fire hydrant meters be immediately

returned from the field, pending determination of each petition for variance.

4.3.3 Stage 3 - Emergency Water Use

Triggering Conditions (Stage 3)

- Water demand has reaches or exceeds 98% of reliable delivery capacity for one day. The delivery capacity could be citywide or in a specified portion of the system.
- Contamination of the water supply source(s) or water supply system.
- City of Crowley's water demand for all or part of the delivery system exceeds delivery capacity because delivery capacity is inadequate.
- Crowley's water supply system is unable to deliver water due to the failure or damage of major water system components.
- TRWD has initiated Stage 3 – Emergency Water Use, which may also be initiated by one or more of the following:
 - Total raw water supply in TRWD western and eastern division reservoirs drops below 45% (55% depleted) of conservation storage.
 - Water demand for all or part of the TRWD delivery system exceeds delivery capacity because delivery capacity is inadequate.
 - Water demand is projected to approach or exceed the limit of TRWD's permitted supply.
 - TRWD's supply source becomes contaminated.
 - TRWD's water supply system is unable to deliver water due to the failure or damage of major water system components.
 - The TRWD General Manager, with the concurrence of the TRWD Board of Directors, finds that conditions warrant the declaration of a Stage 3 drought.

Terminating Conditions for Stage 3

Stage 3 will terminate when the total combined raw water supply in TRWD western and eastern division reservoirs exceeds 60% of conservation storage capacity or remains at or above 55% for 30 consecutive days, whichever occurs first.

Goals for Use Reduction for Stage 3

The goal for water use reduction under Stage 3, Emergency Water Use, is to decrease use by 20 percent. If circumstances warrant or if required by the City of Fort Worth, the Public Works Director or official designee can set a goal for a greater water use reduction.

Actions Available for Stage 3

The Director or official designee will order the implementation of any of the actions listed below, as deemed necessary for all water users. The Director or official designee must

implement any action(s) required by the City of Fort Worth.

- Continue or initiate any actions available under Stages 1 and 2.

All Water Users

- Prohibit landscape watering, including at parks, golf courses, and sports fields.

Exceptions:

- Watering with hand-held hose, soaker hose or drip irrigation system may occur any day and any time. (The intent of this measure is to allow for the protection of structural foundations, trees, and other high value landscape materials).
- Golf course greens only may be watered by hand-held hose as needed to keep them alive. Watering of athletic fields (fields only, does not include surrounding landscaped areas) used for organized sports practice, competition, or exhibition events may occur as necessary to protect the health and safety of the players, staff, or officials present for athletic events may be allowed to water by variance. A water management plan must be submitted to the Director detailing how each area will comply with stage 3 drought measures.
- Prohibit establishment of new landscaping. Variances may be granted for those landscape projects started prior to the initiation of Stage 3 drought restrictions.
- Vehicle washing restricted to commercial car wash, commercial service station or a private on-site vehicle washing facility and can only be done as necessary for health, sanitation, or safety reasons, including but not limited to the washing of garbage trucks and vehicles used to transport food and other perishables. All other vehicle washing is prohibited.
- Prohibit the operation of ornamental fountains or ponds that use potable water except where necessary to support aquatic life.
- Prohibit the draining, filling, or refilling of swimming pools, wading pools and Jacuzzi type pools. Existing private and public pools may add water to maintain pool levels; however, they may not be refilled using automatic fill valves.
- Prohibit hosing of buildings or other structures for purposes other than fire protection or surface preparation prior to painting with high-pressure equipment. Must be performed by a professional power washing service utilizing high efficiency equipment and a vacuum recovery system where possible.

City and Local Governments

In addition to actions listed above, the Director may take the following actions regarding City and local government facilities:

- Continue or initiate any actions available under Stages 1 and 2.
- Review conditions or problems that caused Stage 3. Take corrective action.

- Implement viable alternative water supply strategies.
- Increase frequency of media releases explaining emergency situation.
- Reduce City and local government water use to maximum extent possible.
- Prohibit the permitting of new swimming pools, jacuzzi type pools, spas, ornamental ponds and fountain construction. Pools already permitted and under construction may be completely filled with water.

Commercial or Industrial

- All actions listed above for all water users apply to commercial and industrial users.
- Hotels, restaurants, and bars required to serve drinking water to patrons on an “on demand” basis.
- Hotels are required to implement laundry conservation measures by encouraging patrons to reuse linens and towels.
- Stock at commercial plant nursery may be watered only with a hand-held hose, hand-held watering can, or drip irrigation system.
- Commercial and industrial water users required to reduce water use by a set percentage determined by the Public Works Director.
- Use of water from hydrants for any purpose other than firefighting related activities or other activities necessary to maintain public health, safety and welfare requires a special permit issued by the Public Works Director. Fire hydrant use may be limited to only designated hydrants.

4.4 Procedures for Granting Variances to the Plan

The Public Works Director or official designee may grant temporary variances for existing water uses otherwise prohibited under the Drought and Water Emergency Plan if one or more of the following conditions are met:

- Failure to grant such a variance would cause an emergency condition adversely affecting health, sanitation, or fire safety for the public or the person requesting the variance.
- Compliance with this plan cannot be accomplished due to technical or other limitations.
- Alternative methods that achieve the same level of reduction in water use can be implemented.

Variances shall be granted or denied at the discretion of the Public Works Director or official designee. All petitions for variances should be in writing, using the forms provided, and must include the following information:

- Name and address of the petitioner(s)
- Purpose of water use

- Specific provisions from which relief is requested
- Detailed statement of the adverse effect of the provision from which relief is requested
- Description of the relief requested
- Period of time for which the variance is sought
- Detailed schedule of irrigation that shows a reduction in use over 30-day period for new lawns and landscapes. Schedule should be designed so that at the end of the 30-day period, lawn and landscaped areas can adhere to the twice per week schedule defined in Stage 1.
- Alternative measures that will be taken to reduce water use
- Other pertinent information.

4.5 Procedures for Enforcement of Mandatory Water Use Measures

Mandatory water use restrictions may be imposed in Stages 1, 2, and 3. These mandatory water use restrictions will be enforced by warnings and penalties as follows:

- On the first violation, customers will be given a written warning that they have violated the mandatory water use restriction.
- On the second and subsequent violations, citations may be issued to customers, with minimum and maximum fines established by ordinance.
- After three violations have occurred, the utility may either install a flow restrictor in the water line or a lock-out device or discontinue water service to the premises where the violation occurred.

Appendix A contains a copy of the City of Crowley ordinance adopting this Plan and the enforcement actions and penalties.

4.6 Coordination with Other Entities

Appendix B includes a copy of a letters sent to the chair of the Region C Water Planning Group, General Manager of TRWD and the Executive Director or TCEQ upon adoption of this Plan.

4.7 Review and Update of Drought and Water Emergency Plan

As required by TCEQ rules, the City of Crowley will review the Drought and Water Emergency Plan in 2024 and at least every five years thereafter. Additionally, the plan will be updated as appropriate based on new or update information.

APPENDIX A

Ordinance 05-2019-369
Adoption of the amended City of Crowley
Drought and Water Emergency Plan

ORDINANCE NO. 05-2019-369

AN ORDINANCE OF THE CITY OF CROWLEY, TEXAS, AMENDING SECTION 86-158(a) OF THE CROWLEY CITY CODE, AS AMENDED, BY ADOPTING AN UPDATED "DROUGHT AND WATER EMERGENCY PLAN" AND AN UPDATED "WATER CONSERVATION PLAN" ATTACHED HERETO AS EXHIBITS "A" AND "B"; PROVIDING THAT THIS ORDINANCE SHALL BE CUMULATIVE; PROVIDING A SEVERABILITY CLAUSE; PROVIDING A PENALTY CLAUSE; PROVIDING A SAVINGS CLAUSE; PROVIDING FOR PUBLICATION; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the City of Crowley (the "City") is a home-rule municipality acting under its charter adopted by the electorate pursuant to Article XI, Section 5 of the Texas Constitution and Chapter 9 of the Local Government Code; and

WHEREAS, the City Council finds that protection of water supplies are in the best interest of its citizens; and

WHEREAS, water supply lakes rely on rainfall for replenishment and rainfall can vary significantly from year to year; and

WHEREAS, the occurrence of droughts cannot be predicted as to when one will begin or end; and emergency situations can occur at any time as result of incidents such as pipeline failures, power outages, and pump failures; and

WHEREAS, the City is a wholesale water service customer of the City of Fort Worth; and

WHEREAS, the City of Fort Worth has amended its Drought Contingency/Emergency Water Management Plan in accordance with Chapter 288, Title 30 of the Texas Administrative Code; and

WHEREAS, the City has updated its "Drought and Water Emergency Plan" and "Water Conservation Plan" which are based on the City of Fort Worth's Drought Contingency/Emergency Water Management Plan, and contain the provisions regarding drought and water emergencies of the City's "Water Conservation and Emergency Water Demand Management Plan," and complies with Chapter 288, Title 30 of the Texas Administrative Code; and

WHEREAS, as a wholesale customer of the City of Fort Worth, the City is required to institute the same rationing and water use restrictions on City customers as does the City of Fort Worth for so long as any part of the total water supply is furnished by the City of Fort Worth.

NOW THEREFORE BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF CROWLEY, TEXAS:

SECTION 1.

The City Council of the City of Crowley, Texas hereby adopts the updated "Drought and Water Emergency Plan" dated April, 2019 attached to this Ordinance as Exhibit "A", and the updated "Water Conservation Plan" dated April, 2019 attached to this Ordinance as Exhibit "B".

SECTION 2.

That Section 86-158(a) of the Crowley City Code, as amended, is hereby amended to read as follows:

Sec. 86-158. Drought and water emergency plan.

"(a) *Adoption.* The city has adopted an updated drought and water emergency plan dated April, 2019 attached to Ord. No. 05-2019-369 as Exhibit "A". The City has also adopted an updated Water Conservation Plan dated April, 2019 attached to Ord. No. 05-2019-369 as Exhibit "B"."

The remaining subsections of Section 86-158 of the Crowley City Code are not amended hereby and remain in full force and effect.

SECTION 3.

This Ordinance shall be cumulative of all provisions of the Code of Ordinances of the City of Crowley and other applicable City ordinances, except where the provisions of this Ordinance are indirect conflict with the provisions of such ordinances, in which event the applicability of the conflicting provisions of such ordinances are hereby repealed.

SECTION 4.

It is hereby declared to be the intention of the City Council that the sections, paragraphs, sentences, clauses and phrases of this Ordinance are severable, and if any section, paragraph, sentence, clause or phrase of this Ordinance shall be declared unconstitutional by the valid judgment or decree of any court of competent jurisdiction, such unconstitutionality shall not affect any of the remaining sections, paragraphs, sentences, clauses and phrases of this Ordinance, since the same would have been enacted by the City Council without the incorporation in this Ordinance of any such unconstitutional section, paragraph, sentence, clause or phrase.

SECTION 5.

Any person, firm or corporation who violates, disobeys, omits, neglects or refuses to comply with or who resists the enforcement of any of the provisions of this ordinance shall be fined not more than Two Thousand Dollars (\$2,000.00) for all violations involving zoning, fire safety, or public health and sanitation, including dumping or refuse, and shall be fined not more than Five Hundred Dollars (\$500.00) for all other violations of this ordinance. Each day that a violation is permitted to exist shall constitute a separate offense.

SECTION 6.

All rights and remedies of the City of Crowley, Texas, are expressly saved as to any and all violations of the provisions of the ordinances amended herein, which have accrued at the time of the effective date of this ordinance and, as to such accrued violations and all pending litigation, both civil and criminal, whether pending in court or not, under such ordinances, same shall not be affected by this ordinance but may be prosecuted until final disposition by the courts.

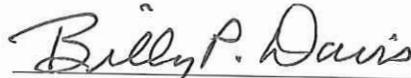
SECTION 7.

The City Secretary is hereby directed to publish the caption, penalty clause, and effective date of this Ordinance in one issue of the official newspaper of the City, as required by Section 52.013 of the Local Government Code and the City Charter.

SECTION 8.

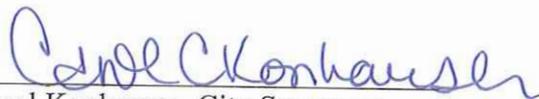
This Ordinance shall take effect immediately from and after its passage and publication as required by law, and it is so ordained.

PASSED AND APPROVED ON THIS 16th DAY OF May, 2019.



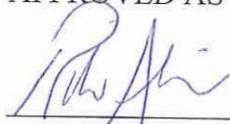
Billy P. Davis, Mayor

ATTEST:



Carol Konhauser, City Secretary

APPROVED AS TO FORM:



Rob Allibon, City Attorney

APPENDIX B

Required Submittal Letters



May 21, 2019

Texas Commission on Environmental Quality
Resource Protection Team, MC-160
PO Box 13087
Austin, Texas 78711-3087

Re: Drought Contingency Plan
Water Conservation Plan
Ordinance 05-2019-369

Dear Sir/Madam:

In order to comply with Title 30 TAC Chapter 288.20, enclosed you will find the City of Crowley's Ordinance No. 05-2019-369, approved by City Council on May 17, 2019. I have also enclosed the City of Crowley's Drought and Water Emergency Plan and Water Conservation Plan.

If this information does not satisfy the requirements for the City of Crowley, please notify me immediately. You can reach me by telephone at 817-297-2201 ext. 3200 or by email at kmoore@ci.crowley.tx.us.

Sincerely,

Kathy E. Moore
Senior Administrative Assistant
City of Crowley
Public Works



May 21, 2019

Region C Water Planning Group
C/O NTMWD
PO Box 2408
Wylie, Texas 75098-2408

Re: Drought Contingency Plan
Water Conservation Plan
Ordinance 05-2019-369

Dear Sir/Madam:

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