

PWS\_1690007\_CP\_20171128\_Investigation  
**Texas Commission on Environmental Quality**  
**Investigation Report**

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**Customer: David A. Fenoglio**  
**Customer Number: CN601361512**

**RECEIVED**

**FEB 27 2018**

**TCEQ  
CENTRAL FILE ROOM**

**Regulated Entity Name: SUNSET WATER SYSTEM**

**Regulated Entity Number: RN102693579**

**Investigation #** 1459166

**Incident Numbers**

**Investigator:** SAMANTHA HARDEN

**Site Classification** GW 51-250 CONNECTION

**Conducted:** 11/28/2017 -- 12/07/2017

**NAIC Code:** 221310

**SIC Code:** 4941

**SIC Code:** 4971

**Program(s):** PUBLIC WATER SYSTEM/SUPPLY

**Investigation Type:** Compliance Investigation

**Location:** Corner of West Front Street and Cottage Grove Avenue, near Railroad Tracks, 11243 Highway 59N, Montague, 76251, (Montague County)

**Additional ID(s):** 1690007

**Address:** ,

**Local Unit:** REGION 03 - ABILENE

**Activity Type(s):** PWSCCIGWCM - CCI GW PURCHASE  
- COMMUNITY MANDATORY

**Principal(s):**

| <b>Role</b> | <b>Name</b>      |
|-------------|------------------|
| RESPONDENT  | DAVID A FENOGLIO |

**Contact(s):**

| <b>Role</b>              | <b>Title</b>            | <b>Name</b>    | <b>Phone</b>         |
|--------------------------|-------------------------|----------------|----------------------|
| NOTIFIED                 | ENFORCEMENT COORDINATOR | MS Jan Johnson | Work (817) 579-8100  |
| NOV CONTACT              | ENFORCEMENT COORDINATOR | MS Jan Johnson | Work (817) 579-8100  |
| REGULATED ENTITY CONTACT | ENFORCEMENT COORDINATOR | MS Jan Johnson | Work (817) 579-8100  |
| NOV CONTACT              | OWNER                   | DAVID FENOGLIO | Work (940) 894-3381  |
| PARTICIPATED IN          | METER READER            | MR GARY VACON  | Phone (817) 579-8100 |

**Other Staff Member(s):**

| <b>Role</b> | <b>Name</b>    |
|-------------|----------------|
| Supervisor  | CLIFFORD MOORE |
| QA Reviewer | CLIFFORD MOORE |

**SUNSET WATER SYSTEM - SUNSET**

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**Associated Check List**

| <u>Checklist Name</u>                   | <u>Unit Name</u> |
|---|------------------|
| PWS INVESTIGATION - EQUIPMENT           | Sunset WS        |
| MONITORING AND SAMPLING revised 06/2013 |                  |
| PWS STANDARD FIELD                      | Sunset WS        |

**Investigation Comments:**

SUNSET WATER SYSTEM  
MONTAGUE COUNTY  
PWS ID NO. 1690007  
CCN No. 11779

**INTRODUCTION**

The Sunset Water System was investigated on November 28 and December 7, 2017 by Ms. Samantha Harden, of the Texas Commission on Environmental Quality (TCEQ) Abilene Region, to determine compliance with applicable public water supply requirements. Ms. Jan Johnson, Compliance Coordinator, was notified of the investigation on November 6, 2017. The exit interview form was emailed to Ms. Johnson on December 8, 2017. A notice of violation letter was sent to the facility to facilitate compliance with the findings of this comprehensive compliance investigation.

**CONTACT AND GENERAL FACILITY INFORMATION**

SUPERIOR/APPROVED/ SYSTEM      Approved  
COMMUNITY                      YES

**RESPONSIBLE OFFICIAL**

Mr. David Fenoglio, Owner  
PHONE: (940) 894-3381  
FAX: (940) 894-2907

**Texas Rain Management**

PHONE: (817) 579-8100  
CELL: (817) 964-4262

**PHYSICAL ADDRESS**

Front Street and Cottage Grove Avenue, Sunset, TX

**MAILING ADDRESS**

P. O. Box 418  
Montague, TX 76251

**Texas Rain Management Office**

Attention: Jan Johnson  
2004 SW Parkway  
Granbury, TX 76048

**CERTIFIED OPERATOR**

Gregory Long      C-GW      WG0007058      Exp.: 01/22/2020

**AREA SERVED City of Sunset**

SUPPLIER AND SOURCE      Sunset Water Supply Wells

TYPE OF I/C                      N/A

NEAREST PWS                      10 miles to Bowie

**MICROBIOLOGICAL**

SAMPLES REQUIRED      NO. 1

SAMPLES SUBMITTED      NO. 1

SITING PLAN                      YES

RAW SAMPLES REQUIRED      NO

## SUNSET WATER SYSTEM - SUNSET

11/28/2017 to 12/7/2017 Inv. # - 1459166

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### GENERAL FACILITY AND PROCESS INFORMATION

Well #1 and #3 discharge to 3 ground storage tanks (GST) (0.0088 MG each). Two service pumps (185 GPM each) draw from the GST and discharge to the system against the head provided by a two pressure tanks (0.003 MG and 0.0015 MG). A hypochlorinator injects chlorine prior to storage.

### TREATMENT

A hypochlorinator injects chlorine prior to storage.

### GROUNDWATER WELLS AND SYSTEM FACILITIES

#### WELLS

| EP SOURCE                               | OWN | LOCATION        | Status | GPM |
|---|-----|-----------------|--------|-----|
| 001 G1690007 A                          | 1   | W. Front Street | O      | 43  |
| & Cottage Grove Ave.                    |     |                 |        |     |
| 001 G1690007 C                          | 3   | on HWY 101      | O      | 22  |
| 001 G1690007 B                          | 2   | Forest Ave.     | Capped |     |
| TOTAL WELL CAPACITY 65 GPM = 0.0936 MGD |     |                 |        |     |

#### STORAGE FACILITIES

| TYPE                      | CAPACITY  | MATERIAL     | LOCATION |
|---------------------------|-----------|--------------|----------|
| GST                       | 0.0088 MG | WELDED STEEL | PS #1    |
| GST                       | 0.0088 MG | WELDED STEEL | PS #1    |
| GST                       | 0.0088 MG | WELDED STEEL | PS #1    |
| PT                        | 0.003 MG  | WELDED STEEL | PS #1    |
| PT                        | 0.0015 MG | WELDED STEEL | PS #1    |
| TOTAL PRESSURE 0.0045 MG  |           |              |          |
| ELEVATED STORAGE 0.000 MG |           |              |          |
| TOTAL STORAGE 0.026 MG    |           |              |          |

#### SERVICE PUMPS

| NO.   | OUTPUT  | LOCATION |
|---|---------|----------|
| 1   | 185 GPM | PS #1    |
| 2   | 185 GPM | PS #1    |
| TOTAL SERVICE PUMP CAPACITY 370 GPM = 0.533 MGD |         |          |

### CONNECTIONS AND POPULATION REPORTED DURING SURVEY

Retail connections = 157

157 connections x 0.6 = 94.2 GPM = 0.136 MGD

TOTAL PRODUCTION REQUIREMENT = 0.136 MGD

TOTAL PRODUCTION PROVIDED = 0.0936 MGD

POPULATION = 471

### SYSTEM CAPACITIES

|  | REQUIRED | PROVIDED  |
|--|----------|-----------|
| PRODUCTION 0.6 GPM X 157 connections     | 94 GPM   | 65 GPM*   |
| TOTAL STORAGE 200 GALS X 157 connections | 0.031 MG | 0.026 MG* |
| PRESSURE 20 GALS X 157 connections       | 0.003 MG | 0.0045 MG |
| SP CAPACITY 2.0 GPM X 157 connections    | 314 GPM  | 370 GPM   |
| PEAKING FACTOR 0.0125/1440 X 1.85        | 16 GPM   | 185 GPM   |

\*This violation has previously been referred to the enforcement division and is pending court order.

### 85% CAPACITY

The facility is operating 45% over capacity

### MONTHLY OPERATING REPORT DATA

MAXIMUM DAY 0.0125 (30 TAC Chapter 290.38(45))

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**AVERAGE DAY** 0.0052 September 30, 2016-September 26, 2017

**CHLORINE AND PRESSURE FIELD TESTS**

**Location** Chlorine **Pressure**  
Phillips 66 Gas Station 0 39 mg/L Free 57 psi

**BACKGROUND**

**Prior Enforcement action**

The last comprehensive compliance investigation was conducted on January 8, 2015. A notice of violation letter was sent to the facility.

A follow-up investigation was conducted on August 8 and 15, 2017 in response to the facility's failure to comply with Commission Order Docket No. 2011-0824-PWS-E. Seven violations were noted and recorded in the pending enforcement case number 41707.

**Complaints**

Seven complaints have been filed against Sunset Water System within the past 5 years.

**Agreed/Court Orders**

The facility has been sent to enforcement two time in the past five years. Information related to the enforcement cases can be found in Docket No. 2011-0824-PWS-E and in the pending court order referenced in enforcement case number 41707. Seven violations are being addressed in the pending court order.

**Exception Letters**

An exception to the requirement that all ground storage tanks must have an access ladder was granted to the facility on July 30, 2007.

**ADDITIONAL INFORMATION**

**Conclusions and Recommendations**

A notice of violation letter was sent to the facility to facilitate compliance with the findings of this comprehensive compliance investigation.

**Additional Issues**

Under the federal requirements for the Revised Total Coliform Rule, it is required that Sunset Water System develop a sample siting plan and submit a copy to the Texas Commission on Environmental Quality.

**NOV Date** 12/15/2017 **Method** WRITTEN

**OUTSTANDING ALLEGED VIOLATION(S)  
ASSOCIATED TO A NOTICE OF VIOLATION**

**Track Number:** 662526

**Compliance Due Date:** 02/15/2018

**Violation Start Date:** Unknown

**30 TAC Chapter 290.46(f)(3)(A)(ii)(III)**

**Alleged Violation:**

**Investigation:** 1459166

**Comment Date:** 12/14/2017

Failure to maintain a record of the amount of water distributed each week.

Systems that serve fewer than 250 connections, serve fewer than 750 people, and use only groundwater or purchased water shall maintain a record of the amount of water distributed each week.

During the comprehensive compliance investigation conducted on November 28 and December 7, 2017 it was noted that the amount of water distributed was not consistently being recorded weekly. For example, in March 2017 the amount of water used was only recorded on March 16 and 30.

**SUNSET WATER SYSTEM - SUNSET**

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**Recommended Corrective Action:** Please submit documentation noting that the amount of water distributed each week is being recorded in accordance with 30 TAC Chapter 290, to the Abilene Region Office, by the compliance due date.

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**Track Number: 662527**

**Compliance Due Date: 02/15/2018**

**Violation Start Date: Unknown**

**30 TAC Chapter 290.110(c)(4)(A)**

**Alleged Violation:**

**Investigation: 1459166**

**Comment Date: 12/14/2017**

Failure to monitor the chlorine residual throughout distribution at least once every seven days. Public water systems that use groundwater or purchased water sources only and serve fewer than 250 connections and fewer than 750 people daily, must monitor the disinfectant residual at representative locations in the distribution system at least once every seven days.

During the comprehensive compliance investigation conducted on November 28 and December 7, 2017 it was noted that the chlorine residual was not consistently being monitored at least once every seven days. For the most part the chlorine residual was monitored on the same day that the water usage was recorded, which in some months only occurred twice.

**Recommended Corrective Action:** Please submit documentation noting that the chlorine residual throughout distribution is being monitored in accordance with 30 TAC Chapter 290, to the Abilene Region Office, by the compliance due date.

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**Track Number: 662528**

**Compliance Due Date: 02/15/2018**

**Violation Start Date: Unknown**

**30 TAC Chapter 290.46(l)**

**Alleged Violation:**

**Investigation: 1459166**

**Comment Date: 12/14/2017**

Failure to flush dead-end mains at monthly intervals.

All dead-end mains must be flushed at monthly intervals. Dead-end lines and other mains shall be flushed as needed if water quality complaints are received from water customers or if disinfectant residuals fall below acceptable levels as specified in 290.110 of this title.

During the comprehensive compliance investigation conducted on November 28 and December 7, 2017 it was noted that the facility did not have adequate and consistent flushing records. During the investigation, it was noted that between the months of September 2016 and September 2017 the only month where flushing activity was recorded was September 2017.

**Recommended Corrective Action:** Please submit a list of dead-end mains within the distribution system, along with records indicating the dates and locations each of the dead-end mains are being flushed in accordance with 30 TAC Chapter 290, to the Abilene Region Office, by the compliance due date.

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**Track Number: 662529**

**Compliance Due Date: 02/15/2018**

**Violation Start Date: Unknown**

**30 TAC Chapter 290.46(n)(2)**

**SUNSET WATER SYSTEM - SUNSET**

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**Alleged Violation:**

**Investigation: 1459166**

**Comment Date: 12/14/2017**

Failure to maintain an accurate and up-to-date map of the distribution system.

An accurate and up-to-date map of the distribution system shall be available so that valves and mains can be easily located during emergencies.

During the comprehensive compliance investigation conducted on November 28 and December 7, 2017 it was noted that the facility did not have a map of the distribution system.

**Recommended Corrective Action:** Please submit an accurate and up-to-date map of the distribution system in accordance with 30 TAC Chapter 290, to the Abilene Region Office, by the compliance due date.

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**Track Number: 662530**

**Compliance Due Date: 02/15/2018**

**Violation Start Date: Unknown**

**30 TAC Chapter 290.46(m)(1)**

**30 TAC Chapter 290.46(m)(1)(A)**

**30 TAC Chapter 290.46(m)(1)(B)**

**Alleged Violation:**

**Investigation: 1459166**

**Comment Date: 12/14/2017**

Failure to conduct tank inspections.

Each of the system's ground, elevated, and pressure tanks shall be inspected annually by water system personnel or a contracted inspection service.

Ground and elevated storage tank inspections must determine that the vents are in place and properly screened, the roof hatches closed and locked, flap valves and gasketing provide adequate protection against insects, rodents, and other vermin, the interior and exterior coating systems are continuing to provide adequate protection to all metal surfaces, and the tank remains in a watertight condition.

Pressure tank inspections must determine that the pressure release device and pressure gauge are working properly, the air-water ratio is being maintained at the proper level, the exterior coating systems are continuing to provide adequate protection to all metal surfaces, and the tank remains in watertight condition. Pressure tanks provided with an inspection port must have the interior surface inspected every five years.

During the comprehensive compliance investigation conducted on November 28 and December 7, 2017, no tank inspections for either of the three ground storage tanks or two pressure tanks were provided. Documentation included in the file record review conducted on July 27, 2016 indicated that the interior of each of the pressure tanks were inspected on April 23, 2015.

**Recommended Corrective Action:** Please submit documentation noting that the interior/exterior of each of the three ground storage tanks and the exterior of each of the two pressure tanks have been inspected in accordance with 30 TAC Chapter 290, to the Abilene Region Office, by the compliance due date.

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**Track Number: 662532**

**Compliance Due Date: 02/15/2018**

**Violation Start Date: Unknown**

**30 TAC Chapter 290.46(f)(3)(E)**

**Alleged Violation:**

**Investigation: 1459166**

**Comment Date: 12/12/2017**

**SUNSET WATER SYSTEM - SUNSET**

**11/28/2017 to 12/7/2017 Inv. # - 1459166**

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Failure to maintain the results of chemical analyses.

The results of chemical analyses shall be retained for at least ten years.

During the comprehensive compliance investigation conducted on November 28 and December 7, 2017 it was noted that the facility was unable to provide records of chemical analyses.

**Recommended Corrective Action:** Please submit chemical analyses records in accordance with 30 TAC Chapter 290, to the Abilene Region Office, by the compliance due date.

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**Track Number: 662533**

**Compliance Due Date: 02/15/2018**

**Violation Start Date: Unknown**

**30 TAC Chapter 290.43(c)(4)**

**Alleged Violation:**

**Investigation: 1459166**

**Comment Date: 12/14/2017**

Failure to have a liquid level indicator on two of the three water storage tanks.

All clearwells and water storage tanks shall have a liquid level indicator located at the tank site. The indicator can be a float with a moving target, an ultrasonic level indicator, or a pressure gauge calibrated in feet of water. If an elevated tank or standpipe has a float with moving target indicator, it must also have a pressure indicator located at ground level. Pressure gauges must not be less than three inches in diameter and calibrated at not more than two-foot intervals. Remote reading gauges at the owner's treatment plant or pumping station will not eliminate the requirement for a gauge at the tank site unless the tank is located at the plant or station.

During the comprehensive compliance investigation conducted on November 28 and December 7, 2017 it was noted that two of the three ground storage tanks did not have a liquid level indicator. The tank located in the middle of the three tanks was noted to have a pressure gauge, located at the bottom of the tank.

**Recommended Corrective Action:** Please submit photographic documentation noting that a liquid level indicator has been installed on the two water storage tanks in accordance with 30 TAC Chapter 290, to the Abilene Region Office, by the compliance due date.

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**Track Number: 662534**

**Compliance Due Date: 02/15/2018**

**Violation Start Date: Unknown**

**30 TAC Chapter 290.43(d)(2)**

**Alleged Violation:**

**Investigation: 1459166**

**Comment Date: 12/12/2017**

Failure to provide a pressure gauge on the 0.0015 MG pressure tank.

All pressure tanks shall be provided with a pressure release device and an easily readable pressure gauge.

During the comprehensive compliance investigation conducted on November 28 and December 7, 2017 it was noted that the 0.0015 MG pressure tank did not have a pressure gauge.

**Recommended Corrective Action:** Please submit photographic documentation noting that a pressure gauge has been installed on the 0.0015 MG pressure tank in accordance with 30 TAC Chapter 290, to the Abilene Region Office, by the compliance due date.

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**Track Number: 662536**

**Compliance Due Date: 02/15/2018**

**Violation Start Date: Unknown**

**SUNSET WATER SYSTEM - SUNSET**

**11/28/2017 to 12/7/2017 Inv. # - 1459166**

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**30 TAC Chapter 290.43(c)(2)**

**Alleged Violation:**

**Investigation: 1459166**

Comment Date: 12/14/2017

Failure maintain locks on water storage tank hatches.

All roof openings shall be designed in accordance with current AWWA standards. If an alternate 30-inch diameter access opening is not provided in a storage tank, the primary roof access opening shall not be less than 30 inches in diameter. Other roof openings required only for ventilating purposes during cleaning, repairing or painting operations shall be not less than 24 inches in diameter or as specified by the licensed professional engineer. An existing tank without a 30-inch diameter access opening must be modified to meet this requirement when major repair or maintenance is performed on the tank. Each access opening shall have a raised curbing at least four inches in height with a lockable cover that overlaps the curbing at least two inches in a downward direction. Where necessary, a gasket shall be used to make a positive seal when the hatch is closed. All hatches shall remain locked except during inspections and maintenance.

During the comprehensive compliance investigation conducted on November 28 and December 7, 2017 it was noted that two of the three water storage tanks did not have locked roof hatches.

**Recommended Corrective Action:** Please submit photographic documentation noting that locks have been installed on the roof hatches of the water storage tanks in accordance with 30 TAC Chapter 290, to the Abilene Region Office, by the compliance due date.

**Additional Issues**

**Description**

Item #10

**Additional Comments**

Under the federal requirements for the Revised Total Coliform Rule, it is required that Sunset Water System develop a sample siting plan and submit a copy to the Texas Commission on Environmental Quality.

Signed

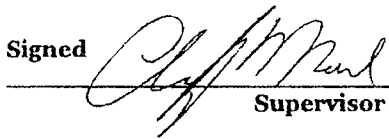


Environmental Investigator

Date

12/15/17

Signed



Supervisor

Date

12/15/2017



**SUNSET WATER SYSTEM - SUNSET**

11/28/2017 to 12/7/2017 Inv. # - 1459166

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**Attachments: (in order of final report submittal)**

☐ Enforcement Action Request (EAR)

☒ Letter to Facility (specify type) : NW

☐ Investigation Report

☐ Sample Analysis Results

☐ Manifests

☐ Notice of Registration

☒ Maps, Plans, Sketches

☐ Photographs

☐ Correspondence from the facility

☒ Other (specify) :

Drinking Water Watch

Plws Application

Exit Interview

Bryan W. Shaw, Ph.D., P.E., *Chairman*  
Toby Baker, *Commissioner*  
Jon Niermann, *Commissioner*  
Richard A. Hyde, P.E., *Executive Director*



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

December 15, 2017

**CERTIFIED MAIL (7015 0640 0004 8779 1937)**  
**RETURN RECEIPT REQUESTED**

Ms. Jan Johnson, Compliance Coordinator  
Sunset WSC  
2004 Southwest Pkwy  
Granbury, Texas 76048-5672

Re: Notice of Violation for Compliance Evaluation Investigation at:  
Sunset WSC, 1123 Highway 59N, Sunset (Montague County), Texas  
RN102693579, TCEQ Additional ID 1690007

Dear Ms. Johnson:

On November 28 and December 7, 2017, Ms. Samantha Harden of the Texas Commission on Environmental Quality (TCEQ) Abilene Region Office conducted an investigation of the above-referenced regulated entity to evaluate compliance with applicable requirements for public water supply. Enclosed is a summary which lists the investigation findings. During the investigation, certain outstanding alleged violations were identified for which compliance documentation is required. Please submit to this office by **February 15, 2018**, a written description of corrective action taken and the required documentation demonstrating that compliance has been achieved for each of the outstanding alleged violations.

In the listing of the alleged violations, we have cited applicable requirements, including TCEQ rules. Please note that both the rules themselves and the agency brochure entitled *Obtaining TCEQ Rules* (GI 032) are located on our agency website at <http://www.tceq.texas.gov> for your reference. If you would like a hard copy of this brochure mailed to you, you may call and request one from either the Abilene Region Office at (325) 698-9674 or the Central Office Publications Ordering Team at (512) 239-0028.

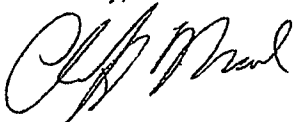
The TCEQ appreciates your assistance in this matter. Please note that the Legislature has granted TCEQ enforcement powers which we may exercise to ensure compliance with environmental regulatory requirements. We anticipate that you will resolve the alleged violations as required in order to protect the State's environment. If you have additional information that we are unaware of, you have the opportunity to contest the violations documented in this notice. Should you choose to do so, you must notify the Abilene Region Office within 10 days from the date of this letter. At that time, I will schedule a violation

Ms. Jan Johnson  
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December 15, 2017

review meeting to be conducted within 21 days from the date of this letter. However, please be advised that if you decide to participate in the violation review process, the TCEQ may still require you to adhere to the compliance schedule included in the enclosed Summary of Investigation Findings until an official decision is made regarding the status of any or all of the contested violations.

If you or members of your staff have any questions, please feel free to contact Ms. Samantha Harden in the Abilene Region Office at (325) 698-9674.

Sincerely,



Cliff Moore  
Water Section Work Leader  
Abilene Region Office

CM/SH/mm

cc: Mr. David Fenoglio, President  
Sunset WSC  
P. O. Box 418  
Montague, Texas 76251-0418

Enclosure: Summary of Investigation Findings

## SUMMARY OF INVESTIGATION FINDINGS

|  |                  |  |
|--|------------------|--|
| Regulated Entity Name: Sunset Water System | TCEQ ID: 1690007 | Investigation Date: November 28 and December 7, 2017 |
|--|------------------|--|

| OUTSTANDING ALLEGED VIOLATIONS |                                    |  |                     |
|--------------------------------|------------------------------------|--|---------------------|
| No.                            | Requirement(s) Cited               | Description of Alleged Violation, Corrective Action Recommendation, and Compliance Documentation   | Compliance Due Date |
| 1                              | 30 TAC<br>290.46(f)(3)(A)(ii)(III) | <p><b>Failure to maintain a record of the amount of water distributed each week.</b></p> <p>Systems that serve fewer than 250 connections, serve fewer than 750 people, and use only groundwater or purchased water shall maintain a record of the amount of water distributed each week.</p> <p>During the comprehensive compliance investigation conducted on November 28 and December 7, 2017 it was noted that the amount of water distributed was not consistently being recorded weekly. For example, in March 2017 the amount of water used was only recorded on March 16 and 30.</p> <p><b>Please submit documentation noting that the amount of water distributed each week is being recorded in accordance with 30 TAC Chapter 290, to the Abilene Region Office, by the compliance due date.</b></p>  | February 15, 2018   |
| 2                              | 30 TAC<br>290.110(c)(4)(A)         | <p><b>Failure to monitor the chlorine residual throughout distribution at least once every seven days.</b></p> <p>Public water systems that use groundwater or purchased water sources only and serve fewer than 250 connections and fewer than 750 people daily, must monitor the disinfectant residual at representative locations in the distribution system at least once every seven days.</p> <p>During the comprehensive compliance investigation conducted on November 28 and December 7, 2017 it was noted that the chlorine residual was not consistently being monitored at least once every seven days. For the most part the chlorine residual was monitored on the same day that the water usage was recorded, which in some months only occurred twice.</p> <p><b>Please submit documentation noting that the chlorine residual throughout distribution is being monitored in accordance with 30 TAC Chapter 290, to the Abilene Region Office, by the compliance due date.</b></p> | February 15, 2018   |

## SUMMARY OF INVESTIGATION FINDINGS

|  |                  |  |
|--|------------------|--|
| Regulated Entity Name: Sunset Water System | TCEQ ID: 1690007 | Investigation Date: November 28 and December 7, 2017 |
|--|------------------|--|

|   |                     |  |                   |
|---|---------------------|--|-------------------|
| 3 | 30 TAC 290.46(l)    | <p><b>Failure to flush dead-end mains at monthly intervals.</b></p> <p>All dead-end mains must be flushed at monthly intervals. Dead-end lines and other mains shall be flushed as needed if water quality complaints are received from water customers or if disinfectant residuals fall below acceptable levels as specified in 290.110 of this title.</p> <p>During the comprehensive compliance investigation conducted on November 28 and December 7, 2017 it was noted that the facility did not have adequate and consistent flushing records. During the investigation, it was noted that between the months of September 2016 and September 2017 the only month where flushing activity was recorded was September 2017.</p> <p><b>Please submit a list of dead-end mains within the distribution system, along with records indicating the dates and locations each of the dead-end mains are being flushed in accordance with 30 TAC Chapter 290, to the Abilene Region Office, by the compliance due date.</b></p> | February 15, 2018 |
| 4 | 30 TAC 290.46(u)(2) | <p><b>Failure to maintain an accurate and up-to-date map of the distribution system.</b></p> <p>An accurate and up-to-date map of the distribution system shall be available so that valves and mains can be easily located during emergencies.</p> <p>During the comprehensive compliance investigation conducted on November 28 and December 7, 2017 it was noted that the facility did not have a map of the distribution system.</p> <p><b>Please submit an accurate and up-to-date map of the distribution system in accordance with 30 TAC Chapter 290, to the Abilene Region Office, by the compliance due date.</b></p>  | February 15, 2018 |

## SUMMARY OF INVESTIGATION FINDINGS

| Regulated Entity Name: Sunset Water System |  | TCEQ ID: 1690007   | Investigation Date: November 28 and December 7, 2017 |
|--|--|--|--|
| 5  | <p>30 TAC 290.46(m)(1),<br/>30 TAC<br/>290.46(m)(1)(A),<br/>30 TAC<br/>290.46(m)(1)(B)</p> | <p><b>Failure to conduct tank inspections.</b></p> <p>Each of the system's ground, elevated, and pressure tanks shall be inspected annually by water system personnel or a contracted inspection service.</p> <p>Ground and elevated storage tank inspections must determine that the vents are in place and properly screened, the roof hatches closed and locked, flap valves and gasketing provide adequate protection against insects, rodents, and other vermin, the interior and exterior coating systems are continuing to provide adequate protection to all metal surfaces, and the tank remains in a watertight condition.</p> <p>Pressure tank inspections must determine that the pressure release device and pressure gauge are working properly, the air-water ratio is being maintained at the proper level, the exterior coating systems are continuing to provide adequate protection to all metal surfaces, and the tank remains in watertight condition. Pressure tanks provided with an inspection port must have the interior surface inspected every five years.</p> <p>During the comprehensive compliance investigation conducted on November 28 and December 7, 2017, no tank inspections for either of the three ground storage tanks or two pressure tanks were provided. Documentation included in the file record review conducted on July 27, 2016 indicated that the interior of each of the pressure tanks were inspected on April 23, 2015.</p> <p><b>Please submit documentation noting that the interior/exterior of each of the three ground storage tanks and the exterior of each of the two pressure tanks have been inspected in accordance with 30 TAC Chapter 290, to the Abilene Region Office, by the compliance due date.</b></p> | February 15, 2018                                    |
| 6  | <p>30 TAC<br/>290.46(f)(3)(E)</p>  | <p><b>Failure to maintain the results of chemical analyses.</b></p> <p>The results of chemical analyses shall be retained for at least ten years.</p> <p>During the comprehensive compliance investigation conducted on November 28 and December 7, 2017 it was noted that the facility was unable to provide records of chemical analyses.</p> <p><b>Please submit chemical analyses records in accordance with 30 TAC Chapter 290, to the Abilene Region Office, by the compliance due date.</b></p>   | February 15, 2018                                    |

## SUMMARY OF INVESTIGATION FINDINGS

| Regulated Entity Name: Sunset Water System |                     | TCEQ ID: 1690007   | Investigation Date: November 28 and December 7, 2017 |
|--|---------------------|--|--|
| 7  | 30 TAC 290.43(c)(4) | <p><b>Failure to have a liquid level indicator on two of the three water storage tanks.</b></p> <p>All clearwells and water storage tanks shall have a liquid level indicator located at the tank site. The indicator can be a float with a moving target, an ultrasonic level indicator, or a pressure gauge calibrated in feet of water. If an elevated tank or standpipe has a float with moving target indicator, it must also have a pressure indicator located at ground level. Pressure gauges must not be less than three inches in diameter and calibrated at not more than two-foot intervals. Remote reading gauges at the owner's treatment plant or pumping station will not eliminate the requirement for a gauge at the tank site unless the tank is located at the plant or station.</p> <p>During the comprehensive compliance investigation conducted on November 28 and December 7, 2017 it was noted that two of the three ground storage tanks did not have a liquid level indicator. The tank located in the middle of the three tanks was noted to have a pressure gauge, located at the bottom of the tank.</p> <p><b>Please submit photographic documentation noting that a liquid level indicator has been installed on the two water storage tanks in accordance with 30 TAC Chapter 290, to the Abilene Region Office, by the compliance due date.</b></p> | February 15, 2018                                    |
| 8  | 30 TAC 290.43(d)(2) | <p><b>Failure to provide a pressure gauge on the 0.0015 MG pressure tank.</b></p> <p>All pressure tanks shall be provided with a pressure release device and an easily readable pressure gauge.</p> <p>During the comprehensive compliance investigation conducted on November 28 and December 7, 2017 it was noted that the 0.0015 MG pressure tank did not have a pressure gauge.</p> <p><b>Please submit photographic documentation noting that a pressure gauge has been installed on the 0.0015 MG pressure tank in accordance with 30 TAC Chapter 290, to the Abilene Region Office, by the compliance due date.</b></p>   | February 15, 2018                                    |

## SUMMARY OF INVESTIGATION FINDINGS

|  |                  |  |
|--|------------------|--|
| Regulated Entity Name: Sunset Water System | TCEQ ID: 1690007 | Investigation Date: November 28 and December 7, 2017 |
|--|------------------|--|

|   |                     |   |                   |
|---|---------------------|---|-------------------|
| 9 | 30 TAC 290.43(c)(2) | <p><b>Failure maintain locks on water storage tank hatches.</b></p> <p>All roof openings shall be designed in accordance with current AWWA standards. If an alternate 30-inch diameter access opening is not provided in a storage tank, the primary roof access opening shall not be less than 30 inches in diameter. Other roof openings required only for ventilating purposes during cleaning, repairing or painting operations shall be not less than 24 inches in diameter or as specified by the licensed professional engineer. An existing tank without a 30-inch diameter access opening must be modified to meet this requirement when major repair or maintenance is performed on the tank. Each access opening shall have a raised curbing at least four inches in height with a lockable cover that overlaps the curbing at least two inches in a downward direction. Where necessary, a gasket shall be used to make a positive seal when the hatch is closed. All hatches shall remain locked except during inspections and maintenance.</p> <p>During the comprehensive compliance investigation conducted on November 28 and December 7, 2017 it was noted that two of the three water storage tanks did not have locked roof hatches.</p> <p><b>Please submit photographic documentation noting that locks have been installed on the roof hatches of the water storage tanks in accordance with 30 TAC Chapter 290, to the Abilene Region Office, by the compliance due date.</b></p> | February 15, 2018 |
|---|---------------------|---|-------------------|

| Additional Issue |  |
|------------------|--|
| No.              | Description of Additional Issue and Corrective Action Recommendation   |
| 1                | Under the federal requirements for the Revised Total Coliform Rule, it is required that Sunset Water System develop a sample siting plan and submit a copy to the Texas Commission on Environmental Quality. |



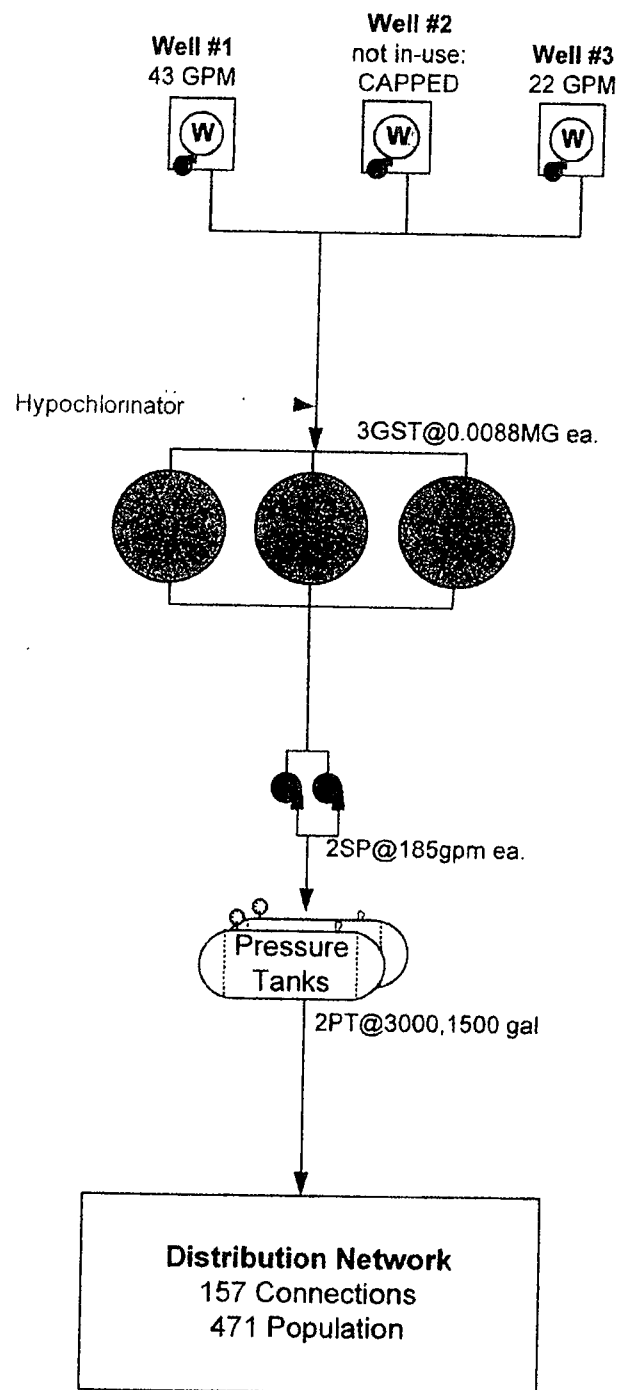
## SUMMARY OF INVESTIGATION FINDINGS

|  |                  |  |
|--|------------------|--|
| Regulated Entity Name: Sunset Water System | TCEQ ID: 1690007 | Investigation Date: November 28 and December 7, 2017 |
|--|------------------|--|

| Violations Being Tracked by the Enforcement Division |                               |  |
|--|-------------------------------|--|
| No.  | Requirement(s) Cited          | Description of Additional Issue and Corrective Action Recommendation   |
| 1  | 30 TAC<br>290.45(b)(1)(C)(ii) | <p><b>Failure to provide total storage capacity of 200 gallons per connection.</b></p> <p>During the comprehensive compliance investigation conducted on August 27, 2007, it was noted that Sunset Water System provides a ground storage capacity of 0.0264MG. Based on 152 retail connections, the system is to provide 0.030 MG ground storage capacity.</p> <p>During the comprehensive compliance investigation conducted on February 4, 2010, it was noted that Sunset WSC provides a ground storage capacity of 0.0264. Based on 143 retail connections, the system is to provide 0.029 MG ground storage capacity.</p> <p>During the comprehensive compliance investigation conducted on January 11, 2012, it was noted that Sunset WSC provides a ground storage capacity of 0.0264. Based on 150 retail connections, the system is to provide 0.030 MG ground storage capacity.</p> <p>During the comprehensive compliance investigation conducted on January 08, 2015, it was noted that Sunset WSC provides a ground storage capacity of 0.0264. Based on 159 retail connections, the system is to provide 0.032 MG ground storage capacity.</p> <p>During the complaint investigation conducted on July 7, 2016, it was noted that Sunset WSC provides a ground storage capacity of 0.0264. Based on 159 retail connections, the system is to provide 0.032 MG ground storage capacity.</p> <p><b>Failure to comply with Commission Order Docket No. 2007-1711-PWS-E. Please refer to Docket No. 2011-0824-PWS-E and the pending court order referenced in enforcement case number 41707.</b></p> |
| 2  | 30 TAC 290.43(c)(2)           | <p><b>Failure to have a roof access opening on all three (3) ground storage tanks 30 inches in diameter.</b></p> <p><b>Failure to comply with Commission Order Docket No. 2007-1711-PWS-E. Please refer to Docket No. 2011-0824-PWS-E and the pending court order referenced in enforcement case number 41707.</b></p>   |
| 3  | 30 TAC<br>290.46(s)(2)(C)(i)  | <p><b>Failure to verify the accuracy of the manual chlorine analyzer.</b></p> <p><b>Please refer to Docket No. 2011-0824-PWS-E and the pending court order referenced in enforcement case number 41707.</b></p>  |
| 4  | 30 TAC<br>290.46(u)(3)        | <p><b>Failure to maintain and keep available for review for Wells #1 and #3, records related to sealing information, including for pressure cementing, in the form of a cement bonding log or other documentation adequate to assure complete sealing of the annular space between the casing and the drill hole.</b></p> <p><b>Please refer to Docket No. 2011-0824-PWS-E and the pending court order referenced in enforcement case number 41707.</b></p>  |
| 5  | 30 TAC 290.46(u)              | <p><b>Failure to plug wells #2 and #3, or submit test results for approval proving that the wells are in a non-deteriorated condition.</b></p> <p><b>Failure to comply with Commission Order Docket No. 2007-1711-PWS-E. Please refer to Docket No. 2011-0824-PWS-E and the pending court order referenced in enforcement case number 41707.</b></p>   |

## SUMMARY OF INVESTIGATION FINDINGS

| Regulated Entity Name: Sunset Water System |                              | TCEQ ID: 1690007  | Investigation Date: November 28 and December 7, 2017 |
|--|------------------------------|---|--|
| 6  | 30 TAC<br>290.45(b)(1)(C)(i) | <p><b>Failure to meet a well capacity of 0.6 GPM per connection.</b></p> <p>On June 16, 2017 the TCEQ Abilene Regional Office was made aware of a water outage in Sunset, Texas that began on Wednesday June 14.</p> <p>During the complaint investigation conducted on June 19, 2017 it was noted that the facility is currently utilizing two wells to meet the water demands of Sunset. According to Billy Martin, water system operator, one well produces 25 gpm and the second produces 35 gpm of water. At the time of the investigation the well that produces 25 gpm was off-line as repairs on the well pump were being conducted.</p> <p>Based on the number of connections recorded during the January 8, 2015 comprehensive compliance investigation, Sunset Water System requires at least 0.137 MG of water a day. The total water production provided with both wells in service is 60 gpm, or 0.086 MG.</p> <p>During the order follow-up investigation conducted on August 8 and 15, 2017 it was noted that Sunset Water System does not meet the minimum water production requirement of 0.137 MG of water a day.</p> <p><b>Please refer to the pending court order referenced in enforcement case number 41707.</b></p> |  |
| 7  | 30 TAC<br>290.41(C)(3)(O)    | <p><b>Failure provide an intruder-resistant enclosure to well #2.</b></p> <p>During the complaint investigation conducted on July 7, 2016, it was noted that the door to the well house where well #2 is located was open upon arrival to the site. It was also noted that several of the cinderblocks, which comprise the structure of the well house, were missing.</p> <p>During the order follow-up investigation conducted on August 8 and 15, 2017 it was noted that the enclosure around well #2 was in the same condition as it was during the July 7, 2016 complaint investigation.</p> <p><b>Please refer to the pending court order referenced in enforcement case number 41707.</b></p>   |  |



SUNSET WSC  
TCEQ ID No. 1690007  
November 28 and December 7, 2017  
Samantha Harden

|                |  |
|----------------|--|
| Owner Type     | Owner Type Options: COUNTY, DISTRICT, FEDERAL GOVERNMENT, INVESTOR OWNED, MUNICIPALITY, NATIVE AMERICAN, PRIVATE, STATE GOVERNMENT, WATER SUPPLY CORPORATION |
| Investor Owned |  |

|               |  |
|---------------|--|
| System Type   | System Type Options: COMMUNITY, TRANSIENT/NON-COMMUNITY, NON-PUBLIC, NON-TRANSIENT/NON-COMMUNITY |
| C - Community |  |

| Population Type | Population Served | # of Connect | # I/C w/other PWS |
|-----------------|-------------------|--------------|-------------------|
| Residential     | 339 471           | 150 157      | 0                 |

| Total Product (MGD) | Average Daily Consump. | Max Daily Demand (MGD) | Total Storage (MG) | Elev. Storage (MG) | Service Pump Cap.    | Max.Purchase Cap. (MGD/GPM) | Pressure Tank Cap. (MG) |
|---------------------|------------------------|------------------------|--------------------|--------------------|----------------------|-----------------------------|-------------------------|
| 0.0936              | 0.0052 MGD             | 0.0125                 | 0.026              | NA                 | 370 GPM<br>0.533 MGD | NA                          | 0.0045                  |

| Activity Status | Inactivation Date |
|-----------------|-------------------|
| A - ACTIVE      |                   |

| Last Survey Date | Surveyor          | Survey Type     | Region  | County   |
|------------------|-------------------|-----------------|---------|----------|
| 01/08/2015       | JACOB WRIGHT      | Sanitary Survey | ABILENE | MONTAGUE |
| 01/11/2012       | JENNELLE, E CRANE | Sanitary Survey | ABILENE | MONTAGUE |
| 02/24/2010       | LINDA, C FIELDS   | Sanitary Survey | ABILENE | MONTAGUE |

11/28/17 Samantha Harden "

"

| (Treatment Plant) |  |                              |           |                   |                   |                       |                   |
|-------------------|--|------------------------------|-----------|-------------------|-------------------|-----------------------|-------------------|
| Entry Point       | EP Name/Source Summation (Activity Status) | Plant Name (Activity Status) | Plant Num | Chemical Mon Type | Chem Sample Point | Distribution Mon Type | Dist Sample Point |
| EP001             | TRT-TAP / Ground Water(A)                  | PS 1(A)                      | TP10358   |                   | NO                |                       | NO                |

|                   |                    |           |         |           |  |  |
|-------------------|--------------------|-----------|---------|-----------|--|--|
| Train:            |                    | Unnamed   |         |           |  |  |
| (Treatments)      |                    |           |         |           |  |  |
| Disinfection Zone | Treatment Sequence | Objective | Process | Treatment |  |  |

|   |                     |                                      |
|---|---------------------|--------------------------------------|
| Texas Commission on Environmental Quality | Office of Water     | Public Drinking Water Section        |
| County Map of TX                          | Water System Search | Office of Compliance and Enforcement |

12/12/2017

Texas Commission on Environmental Quality

12:12:02

DWW Water System Summary Sheet

|           |                     |                     |
|-----------|---------------------|---------------------|
| PWS ID    | PWS Name            | Central Registry RN |
| TX1690007 | SUNSET WATER SYSTEM | RN102693579         |

|                         |                     |
|-------------------------|---------------------|
| Organization/Customer * | Central Registry CN |
| FENOGLIO, DAVID, A      | CN601361512         |

\*Regulatory mail will be addressed to this organization/person

| All Water System Contacts                      |  |                 |              |
|--|--|-----------------|--------------|
| Type   | Contact  | Communication   |              |
| AC - Administrative Contact - OWNER            | FENOGLIO, DAVID, A<br>PO BOX 418<br>MONTAGUE, TX 76251-0418                            | Phone Type      | Value        |
|  |  | BUS - Business  | 940-894-3381 |
|  |  | FAX - Facsimile | 940-894-2907 |
| EC - Emergency Contact - COO                   | HARDIE, BUTCH<br>PO BOX 613<br>MANSFIELD, TX 76063-0613                                | Electronic Type | Value        |
|  |  | Phone Type      | Value        |
|  |  | BUS - Business  | 817-366-4313 |
| ECS - Emergency Contact - Secondary - OPERATOR | <i>Gregory Long</i><br>MARTIN, BILLY<br>2004 SOUTHWEST PKWY<br>GRANBURY, TX 76048-5672 | BUS - Business  | 817-579-8100 |
|  |  | MOB - Mobile    | 940-445-7725 |
|  |  | Phone Type      | Value        |
| OW - Owner - OWNER                             | FENOGLIO, DAVID, A<br>PO BOX 418<br>MONTAGUE, TX 76251-0418                            | BUS - Business  | 940-894-3381 |
|  |  | FAX - Facsimile | 940-894-2907 |
|  |  | Phone Type      | Value        |

|   |        |
|---|--------|
| Operator Grade                          | Number |
| GROUND WATER TREATMENT OPERATOR Grade C | 1      |

*Gregory Long NG0007058*

| Water Operator Licenses |  |           |
|-------------------------|--|-----------|
| License Holder:         | FENOGLIO, EDWARD ARNOLD                    |           |
| CURRENT                 | Class: C - GROUND WATER TREATMENT OPERATOR | WG0004743 |

|      |      |   |     |                       |
|------|------|---|-----|-----------------------|
| null | null | D | 423 | HYPOCHLORINATION, PRE |
|------|------|---|-----|-----------------------|

| (Active Sources)       |  |                    |             |                |            |           |
|------------------------|--|--------------------|-------------|----------------|------------|-----------|
| Source Number          | Source Name (Activity Status)          | Operational Status | Source Type | Depth          | Tested GPM | Rated GPM |
| G1690007A              | 1 - W FRONT ST / COTTAGE GROVE AVE (A) | P                  | G           | 480            | 55 GPM     | 55 GPM    |
| Drill Date             |  | Source Summary     |             |                |            |           |
| 01/01/1913             |  | PALEOZOIC ERATH    |             |                |            |           |
| GPS Latitude (decimal) | GPS Longitude (decimal)                | GPS Elevation      | GPS Date    | Seller         |            |           |
| 33.453787              | -97.766242                             | 999                | 05/09/2007  | Not Purchasing |            |           |
| Source Number          | Source Name (Activity Status)          | Operational Status | Source Type | Depth          | Tested GPM | Rated GPM |
| G1690007C              | 3 - STATE LOOP 511 (A)                 | E                  | G           | 500            | 70 GPM     | 70 GPM    |
| Drill Date             |  | Source Summary     |             |                |            |           |
| 01/01/1913             |  | PALEOZOIC ERATH    |             |                |            |           |
| GPS Latitude (decimal) | GPS Longitude (decimal)                | GPS Elevation      | GPS Date    | Seller         |            |           |
| 33.450647              | -97.766043                             | 990                | 05/09/2007  | Not Purchasing |            |           |

| (Inactive/Offline Sources) |      |        |       |
|----------------------------|------|--------|-------|
| SourceNumber               | Name | Status | Depth |

| (Treatment Plant) |  |                              |           |                   |                   |                       |                   |
|-------------------|--|------------------------------|-----------|-------------------|-------------------|-----------------------|-------------------|
| Entry Point       | EP Name/Source Summation (Activity Status) | Plant Name (Activity Status) | Plant Num | Chemical Mon Type | Chem Sample Point | Distribution Mon Type | Dist Sample Point |
| EP002             | TRT-TAP / Ground Water(I)                  | SUNSET PS 2(I)               | TP10357   |                   | NO                |                       | NO                |

|                   |                    |           |         |                       |
|-------------------|--------------------|-----------|---------|-----------------------|
| Train:            | Unnamed            |           |         |                       |
| (Treatments)      |                    |           |         |                       |
| Disinfection Zone | Treatment Sequence | Objective | Process | Treatment             |
| null              | null               | D         | 423     | HYPOCHLORINATION, PRE |

## (Active Sources)

| (Inactive/Offline Sources) |                      |        |       |
|----------------------------|----------------------|--------|-------|
| SourceNumber               | Name                 | Status | Depth |
| G1690007B                  | 2 - PS 2 / S HWY 101 | O      | 485   |

| Code Explanations   |
|---|
| Monitoring Type Codes: (GW) GROUNDWATER , (GUP) GROUNDWATER UNDER THE INFLUENCE - PURCHASED , (SWP) SURFACE WATER - PURCHASED , (GU) GROUNDWATER UNDER THE INFLUENCE OF SURFACE WATER , (N) NO SOURCES , (SW) SURFACE WATER |
| Activity Status Codes: (A) ACTIVE , (D) DELETED/DISSOLVED , (I) INACTIVE , (P) PROPOSED ,   |
| Operational Status Codes: (E) EMERGENCY , (I) INTERIM/PEAK (O) OTHER , (P) PERMANENT , (S) SEASONAL   |
| Source Types: (G) GROUND WATER , (S) SURFACE WATER , (U) GROUND WATER UNDER THE INFLUENCE   |

- End of Report -

At the time of your query this data was the most current information available from our database, which is in real time. Every effort was made to retrieve it according to your query. Thank-you for using DWW.

**PUBLIC WATER SYSTEM DATA**

|                 |                     |         |           |
|-----------------|---------------------|---------|-----------|
| Name of System: | SUNSET WATER SYSTEM |         |           |
| CCN Number:     |                     | PWS ID: | 1690007   |
| Classification: | Not Applicable      | Type:   | Community |
| Region Number:  | 3                   |         |           |

|                              |    |                  |  |
|------------------------------|----|------------------|--|
| Interconnect with Other PWS: | No | Name of PWS I/C: |  |
| Type I/C:                    |    |                  |  |

|                             |     |                |     |
|-----------------------------|-----|----------------|-----|
| Retail Service Connections: |     | Retail Meters: | 157 |
| Retail Population:          | 471 |                |     |

|                          |  |                                |  |
|--------------------------|--|--------------------------------|--|
| Wholesale Master Meters: |  | Wholesale Service Connections: |  |
| Wholesale Population:    |  |                                |  |

|                      |                   |  |  |
|----------------------|-------------------|--|--|
| Total Well Capacity: | 65 GPM 0.0936 MGD |  |  |
| Raw Capacity:        | GPM MGD           |  |  |

|                         |        |                         |          |
|-------------------------|--------|-------------------------|----------|
| Total Elevated Storage: | MG     | Total Storage Capacity: | 0.026 MG |
| Pressure Tank Capacity: | 0.0045 |                         |          |

|                              |                          |                               |                          |
|------------------------------|--------------------------|-------------------------------|--------------------------|
| Maximum Daily Usage:         | 0.0125 MGD               | Date:                         | 09/09/9999               |
| Average Daily Usage:         | 0.0052 MGD               | Time Period:                  | 09/30/2016 to 09/26/2017 |
| Wholesale Contract:          |                          | Maximum Purchase Rate :       |                          |
| No. of Samples Required:     | 1                        | No. of Samples Submitted:     | 1                        |
| No. of Raw Samples Required: | 0                        | No. of Raw Samples Submitted: | 0                        |
| Non-Comm Dates of Operation: | 09/09/9999 to 09/09/9999 |                               |                          |

**WATER STORAGE TANKS**

| Type | Capacity | Material | Location                                    |
|------|----------|----------|---|
| GR   | 0.0088   | ST       | PS #1 WEST FRONT STR. AND COTTAGE GROVE AVE |
| GR   | 0.0088   | ST       | PS #1 WEST FRONT STR. AND COTTAGE GROVE AVE |
| GR   | 0.0088   | ST       | PS #1 WEST FRONT STR. AND COTTAGE GROVE AVE |

**WATER SOURCES**

| EP No. | Source Code | Owner's Name | Location                   | Status | Pump Type  | Tot. GPM | Est. GPM | Test/Est. GPM Date |
|--------|-------------|--------------|----------------------------|--------|------------|----------|----------|--------------------|
| 1      | G1690007B   | 2            | STATE HWY 101              |        | Capped SUB |          |          | 04/05/2010         |
| 1      | G1690007A   | 1            | W FRONT/COTTAGE GROVE AVE. | O      | SUB        | 43       | 43       | 04/05/2010         |
| 1      | G1690007C   | 3            | STATE LOOP 511             | O      | SUB        | 22       | 22       | 04/05/2010         |

**SERVICE PUMPS**

| Pump Number | Output | Location                                    |
|-------------|--------|---|
| 1           | 185    | PS #1 WEST FRONT STR. AND COTTAGE GROVE AVE |



2

185

PS #1 WEST FRONT STR. AND COTTAGE GROVE AVE

**SYSTEM CAPACITIES****Pressure Plane Number:** 1 **Name:** SUNSET WSC

| System Capacity  |        |                 | Realized     | Pressure  |
|--|--------|-----------------|--------------|-----------|
| Well Production  | 0.6    | GPM Conn X 157  | Conn = 94    | GPM 65    |
| Elevated Pressure Storage  | 20     | Gal/Conn X 157  | Conn = 0.003 | MG 0.0045 |
| Ground/Total Storage   | 200    | Gal/Conn X 157  | Conn = 0.031 | MG 0.026  |
| Service Pump Capacity  | 2.0    | GPM/Conn X 157  | Conn = 314   | GPM 370   |
| Service Pump Peaking Factor  | 0.0125 | MDD/1440 X 1.85 | ** 16        | GPM 185   |
| Tested PSI: 57 Tested CL2: 0.39 Free Location: Phillips 66 Gas Station |        |                 |              |           |

### TCEQ EXIT INTERVIEW FORM: Potential Violations and/or Records Request

|                                   |                     |                                    |                            |  |   |
|-----------------------------------|---------------------|------------------------------------|----------------------------|--|---|
| <b>Regulated Entity/Site Name</b> | Sunset Water System |                                    |                            | <b>TCEQ Add. ID No.<br/>RN No (optional)</b> | 1690007                                     |
| <b>Investigation Type</b>         | CCI                 | <b>Contact Made In-House (Y/N)</b> | Y                          | <b>Purpose of Investigation</b>              | Comprehensive compliance                    |
| <b>Regulated Entity Contact</b>   | Jan Johnson         |                                    | <b>Telephone No.</b>       | 817-579-8100                                 | <b>Investigation Date</b> 11/28/17, 12/7/17 |
|                                   |                     |                                    | <b>FAX #/Email address</b> | jan@texasrainmgmt.com                        | <b>FAX/Email date</b> 12/8/17               |

NOTICE: The information provided in this form is intended to provide clarity to issues that have arisen during the investigation process between the TCEQ and the regulated entity named above and does not represent final TCEQ findings related to violations. Any potential or alleged violations discovered after the date on this form will be communicated to the regulated entity representative prior to the issuance of a notice of violation or enforcement. Conclusions drawn from this investigation, including additional violations or potential violations discovered (if any) during the course of this investigation, will be documented in a final investigation report.

| Issue |                   | For Records Request, identify the necessary records, the company contact and date due to the agency. For Alleged and Potential Violation issues, include the rule in question with the clearly described potential problem. Other type of issues: fully describe. |  |
|-------|-------------------|---|--|
| No.   | Type <sup>1</sup> | Rule Citation (if known)  | Description of Issue   |
| 1     | AV                | 30 TAC 290.46(f)(3)(A)(ii)(III)   | Failure to maintain a record of the amount of water distributed each week  |
| 2     | AV                | 30 TAC 290.110(c)(4)(A)   | Failure to monitor the chlorine residual throughout distribution at least once every seven days.   |
| 3     | AV                | 30 TAC 290.46(l)  | Failure to flush dead-end mains.   |
| 4     | AV                | 30 TAC 290.46(n)(2)   | Failure to maintain an accurate and up-to-date map of the distribution.  |
| 5     | AV                | 30 TAC 290.46(m)(1), 30 TAC 290.46(m)(1)(A), 30 TAC 290.46(m)(1)(B)   | Failure to conduct tank inspections.   |
| 6     | AV                | 30 TAC 290.46(f)(3)(E)  | Failure to maintain the results of chemical analyses.  |
| 7     | AV                | 30 TAC 290.46(u)  | Failure to check well #2 for non-deterioration every five years.   |
| 8     | AV                | 30 TAC 290.43(c)(4)   | Failure to have a liquid level indicator on all water storage tanks.   |
| 9     | AV                | 30 TAC 290.43(d)(2)   | Failure to provide a pressure gauge on the 0.0015 MG pressure tank.  |
| 10    | AV                | 30 TAC 290.43(c)(2)   | Failure maintain locks on water storage tank hatches.  |
| 11    | O                 |   | Under the federal requirements for the Revised Total Coliform Rule, it is required that Sunset Water System develop a sample siting plan and submit a copy to the Texas Commission on Environmental Quality. |

Note 1: Issue Type Can Be One or More of: AV (Alleged Violation), PV (Potential Violation), O (Other), or RR (Records Request)

|   |                              |  |
|---|------------------------------|--|
| Did the TCEQ document the regulated entity named above operating without proper authorization?              | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Did the investigator advise the regulated entity representative that continued operation is not authorized? | <input type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |

Document Acknowledgment. Signature on this document establishes only that the regulated entity (RE) representative received a copy of this document and associated continuation pages on the date noted. If contact was made by telephone, the document will be sent via FAX or Email to RE; therefore, the RE signature is not required.

|                                      |      |   |      |
|--------------------------------------|------|---|------|
| Samantha Harden                      |      |   |      |
| Investigator Name (Signed & Printed) | Date | Regulated Entity Representative Name (Signed & Printed) | Date |

If you have questions about any information on this form, please contact your local TCEQ Regional Office.

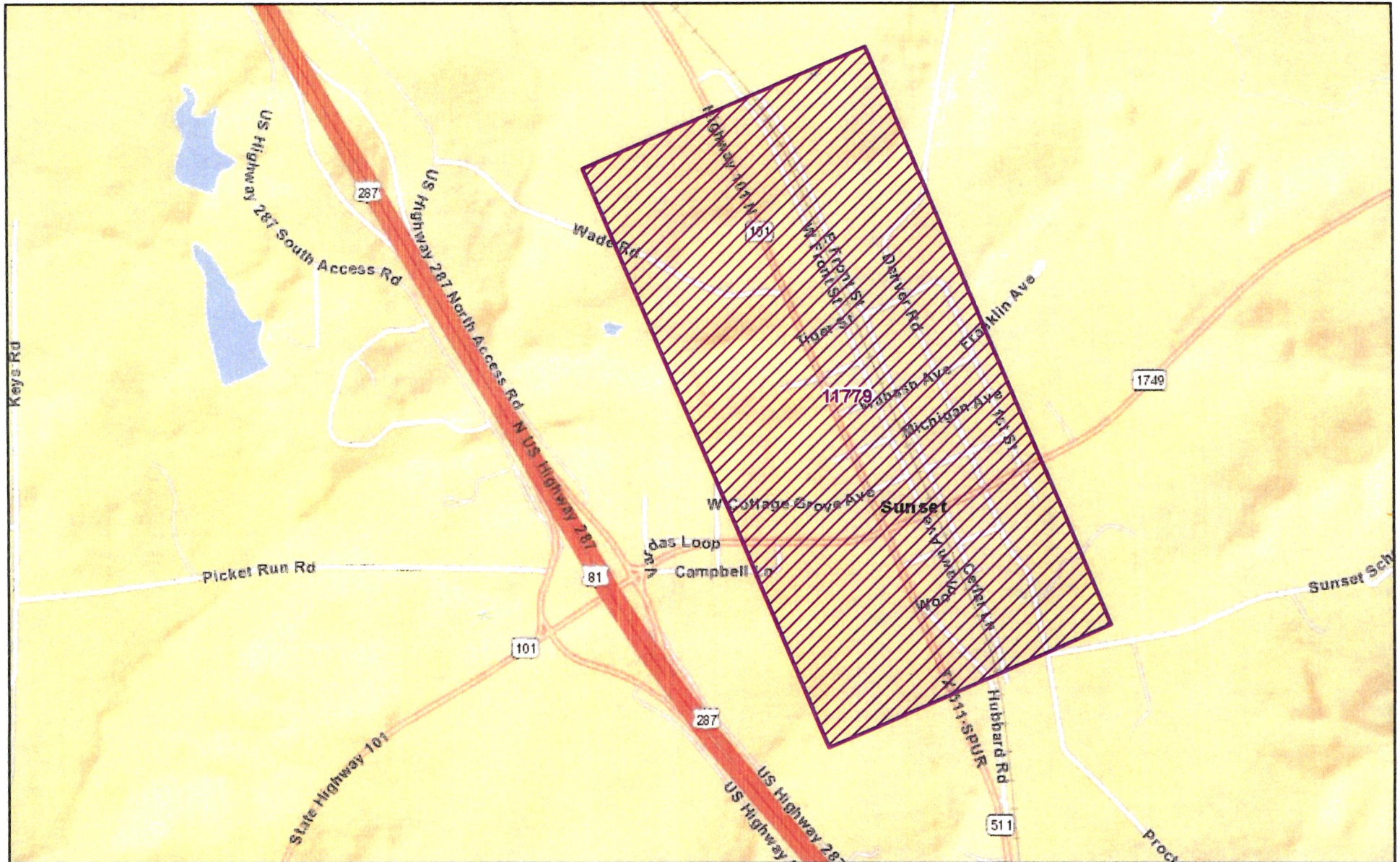
Individuals are entitled to request and review their personal information that the agency gathers on its forms. They may also have any errors in their information corrected. To review such information, call 512/239-3282.

White Copy: Regulated Entity Representative  
TCEQ 20085 (4/08)

Yellow Copy: TCEQ

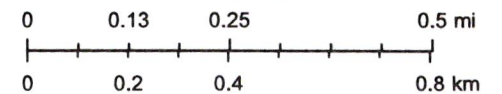
(Note: use additional pages as necessary) Page \_1\_ of \_1\_

# Sunset Small Scale Map



July 20, 2020

1:18,056

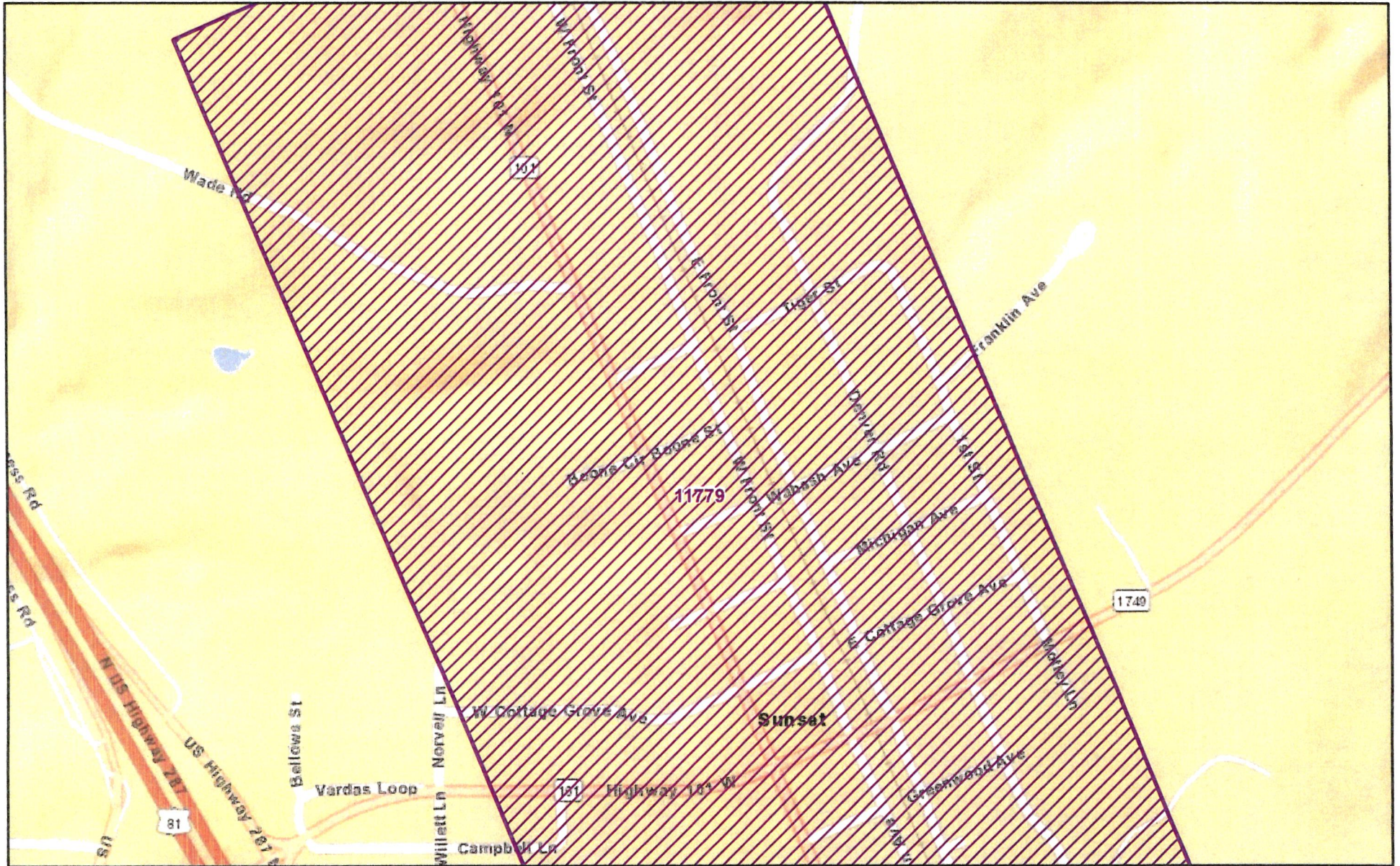


Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan,



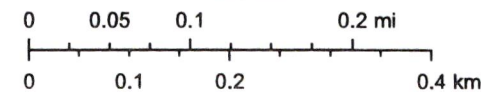
# Sunset Large Scale Map

attachment K



July 20, 2020

1:9,028



Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan,