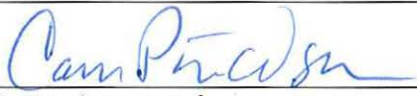


**Region 6 Compliance Assurance and Enforcement Division  
INSPECTION REPORT**

|                                        |                                                                                     |                          |              |
|----------------------------------------|-------------------------------------------------------------------------------------|--------------------------|--------------|
| Inspection Date(s):                    | 05/18/2017                                                                          |                          |              |
| Media:                                 | Water                                                                               |                          |              |
| Regulatory Program(s)                  | CWA 308[A][B]                                                                       |                          |              |
| Company Name:                          | City of Mansfield                                                                   |                          |              |
| Facility Name:                         | City of Mansfield Water Utilities Department                                        |                          |              |
| Facility Physical Location:            | 620 South Wisteria Street                                                           |                          |              |
| (city, state, zip code)                | Mansfield, Texas 76063                                                              |                          |              |
| Mailing address:                       | 620 South Wisteria Street                                                           |                          |              |
| (city, state, zip code)                | Mansfield, Texas 76063                                                              |                          |              |
| County/Parish:                         | Tarrant, Ellis and Johnson Counties                                                 |                          |              |
| Facility Contact:                      | Jeff Price                                                                          | Director                 |              |
|                                        | jeff.price@mansfieldtexas.gov                                                       |                          |              |
| FRS Number:                            | 110010934481                                                                        |                          |              |
| Identification/Permit Number:          | TXU000155                                                                           |                          |              |
| Media Number:                          | NA                                                                                  |                          |              |
| NAICS:                                 | 221320                                                                              |                          |              |
| SIC:                                   | 4952                                                                                |                          |              |
| Personnel participating in inspection: |                                                                                     |                          |              |
| Jeff Price                             | City of Mansfield                                                                   | Director of Utilities    | 817.932.3961 |
| David Moulton                          | City of Mansfield                                                                   | Compliance Manager       | 817.728.3616 |
| Alex Whiteway                          | City of Mansfield                                                                   | Operations Manager       | 817.728.3615 |
| Bart Vanamburgh                        | City of Mansfield                                                                   | Director of Public Works | 817.276.4233 |
| Alan Vaughn                            | USEPA/6EN-WM                                                                        | Environmental Engineer   | 214.665.7487 |
| David Long                             | USEPA/6EN-WM                                                                        | Environmental Scientist  | 214.665.7323 |
|                                        |                                                                                     |                          |              |
|                                        |                                                                                     |                          |              |
|                                        |                                                                                     |                          |              |
|                                        |                                                                                     |                          |              |
|                                        |                                                                                     |                          |              |
| EPA Lead Inspector<br>Signature/Date   |  |                          | 12/04/2017   |
|                                        | {Inspector name}                                                                    |                          | Date         |
| Supervisor<br>Signature/Date           |  |                          | 12/5/17      |
|                                        | {Supervisor name}                                                                   |                          | Date         |

## **Section I – INTRODUCTION**

### **PURPOSE OF THE INSPECTION**

A U.S. Environmental Protection Agency (USEPA) program review inspection was conducted in the City of Mansfield Water Utility offices located 620 South Wisteria Street, Mansfield, Texas 76063. The inspection was conducted under the guidelines established by the USEPA under the National Pollutant Discharge Elimination System (NPDES) for wastewater collection systems. The purpose of this inspection was to inspect and review the City of Mansfield's current Sanitary Sewer Overflow (SSO) response protocols and their application of a Capacity, Management, Operations and Maintenance (CMOM) program and how the program is used to insure proper operation and maintenance of their collection system. An entry briefing was conducted by EPA-Region 6 inspectors David Long and Alan Vaughn at 9:00 a.m. on May 18, 2017 at the City of Mansfield Wastewater Utilities offices. The inspectors met with Jeff Price, Director of Utilities, and Alex Whiteway, Operations Manager. Additional City of Mansfield were also present and are listed in Appendix 1. An invitation to Greg Diehl, Inspector with the Texas Commission on Environmental Quality, had also been extended, but he chose not to attend. During the entry briefing, the EPA inspectors provided credentials and explained the purpose of the inspection, as well as set the timeline for the day and verified the availability of documents that had been requested the week before.

At the conclusion of the inspection, an exit briefing was conducted that explained the suggestions and areas of concerns noted during the inspection that are detailed in this report. This report is based on information supplied by the City representatives, observations made by the U.S. EPA inspectors, records and reports maintained by the City, the State of Texas and the USEPA.

### **FACILITY DESCRIPTION**

The City of Mansfield is approximately 40 square miles in size and includes a population of 67,628 residents which are provided wastewater services through approximately 275 miles of sewer lines. The wastewater collection system includes 15 lift stations and sewer pipes ranging in size from four to 42 inches in diameter. Over 95 percent of the collection system is comprised of PVC pipe. The remaining system includes less than one percent vitrified clay and ductile iron. The remaining four percent is comprised of smaller percentages each of cast, polyethylene, fiberglass reinforced pipe, and reinforced concrete pipe. A Supervisor Control and Data Acquisition (SCADA) system is housed at the Water Utilities offices and continuously monitors the City's 15 lift stations and four additional satellite monitored manholes, otherwise, all 15 lift stations are physically visited once a week. While all lift stations are monitored, only two stations have dedicated emergency generators in the event of an electric grid failure. However, the remaining lift stations are all equipped with quick connect lines for either electric power supplied by portable generators or sewage lines to lift sewage from the lift station's wet well to the connecting sewer lines via gas operated portable water pumps.

The City of Mansfield collection system has one point of entry to the Trinity River Authority's Central Wastewater Treatment Plant and is currently installing a second connection line to the TRA Mountain Creek facility. The City of Mansfield has experienced four (4) SSOs since 2015. Problem areas of the collection system, where SSOs occur more frequently, are placed on a 30-day preventative maintenance schedule and cleaned to reduce overflows.

The City of Mansfield is not a subscriber to the TCEQ Sanitary Sewer Overflow Initiative and has not developed a CMOM, but has developed protocols for FOG (Fats, Oil, Grease) Ordinance to address grease waste from restaurants and private properties, new construction inspection protocols, and a Sewer Overflow Response Plan (SORP). In addition, Mansfield has developed and updates a Wastewater Master Plan every five years. The Wastewater Master Plan is updated by contract with Freese and Nichols who examine collection system growth, capital funding needs, and deficiencies found during each five-year cycle to ensure that capacity and condition of the collection system is maintained. Finally, Mansfield expends approximately \$400,000 dollars per year on their Capital Improvement Plan (CIP) to cover capital improvements, manhole rehabilitation projects, and emergency and planned collection system line maintenance and replacement. However, it should be noted that the City of Mansfield collects approximately one million dollars per year from sewer fees which is available to the CIP.

## **Section II - OBSERVATIONS**

Following the review of their SSO Program, the EPA inspectors requested site tours of Mansfield's SCADA (supervisory control and data acquisition) office, call center, lift stations, and CCTV mobile unit used to video record the status of their wastewater collection system. A review of each of those sites revealed the following observations:

1. SCADA office: Mansfield operators are present 24 hours per day and seven days a week at the SCADA office control desk. The operators are responsible for the monitoring of the operational status of each lift station and are also responsible for addressing after hour calls that would normally be routed to the Call Center during the day. For collection system and lift station related issues, the SCADA desk operator has five normal operation hour crews and three operators available to respond to emergency repairs, jet washing and vacuuming, as well as two additional crews dedicated to CCTV and one crew for lift station maintenance. The crews' trainings and activities are outlined in various written SOPs (i.e., SORP) and written SOPs have been developed to document work performed in response to phone calls regarding sanitary sewer overflows.
2. Utility Call Center: Call Center personnel are on duty only 8:00 a.m. to 5:00 p.m. Monday through Friday. When phone calls regarding sanitary sewer overflows are received, the operator will forward the call to the SCADA desk to respond to the call and will log the call into their computer database. Approximately 20% of sanitary sewer issue calls are received directly by the Utility Service Center. The Utility Call Center is currently working on a formal Procedures and Policies manual for complaint response, but has not yet completed the project.

3. **Lift Stations:** Lift stations are physically visited each Monday and are monitored 24/7 via the city's SCADA system. While only two of the city's 15 lift stations have their own backup power source, the City of Mansfield demonstrated sufficient ability prevent overflows via quick connection points and portable pumps.
4. **CCTV Units:** The City of Mansfield maintains two CCTV four inch units which are used to verify condition of the collection system and insure that "hot spots" have been properly cleaned. Mansfield has not instituted Pipeline Assessment Certification Program (PACP) to manage and insure the integrity of the sanitary sewer pipes in their collection system. However, since their collection system is relatively new and they perform a collection system study every five years, the need for such a program is reduced.

### **Section III – AREAS OF CONCERN**

At the conclusion of the inspection, the EPA inspectors met with the representatives from the City of Mansfield for an exit interview at 1:30 p.m. on May 18, 2017. At that time, the inspectors provided details of the inspection and reviewed issues noted in the inspection that might require additional follow-up or correction. These issues included:

1. The City of Mansfield has not developed SOPs for the Call Center or SCADA desk to address SSO response. It was recommended by EPA staff that the development of such documents would benefit their program

The inspectors exited the site at 2:15 p.m.

### **Section IV – FOLLOW UP**

None required. A copy of the inspection report will be sent to the City of Mansfield contact, Jeff Price, Mansfield Director of Utilities.

### **Section V – LIST OF APPENDICES**

Appendix 1 – City of Mansfield SSO Inspection Checklist

Appendix 2 - Meeting/Inspection Attendee List

Appendix 3 – City of Mansfield Supplied Documents

- A. Lift Station Maintenance Protocol
- B. SSO Response Protocol
- C. TCEQ SSO Reports 2015 - 2017





8:55 Am

[illegible]

Initials/Date \_\_\_\_\_/\_\_\_\_\_



# EPA SSO Inspection Checklist

**Name of Municipality; City of Mansfield**

## **Collection System Description**

1. Describe the collection system.

The City of Mansfield has 275.09 miles of sewer pipe ranging from 4" to 42" in size. The City collects and discharges its effluent flows to the Trinity River Authority for treatment. We are contracted for the majority of our flow through the Central Regional System, but have recently contracted capacity in the Mountain Creek System.

2. What is the population of the service area:

- Number of residents 67,628
- Commercial connections 802
- Residential sewer connections 17,447
- Any septic systems? YES If yes, how many? 310

3. How many miles of sanitary sewer mains are in the collection system? 275.09

4. What is the age of the collection system? The oldest known segment of piping is 55yrs. The vast majority of our collection system is much newer than that as described later in this document.

%VC  $\approx$  .56

%DI  $\approx$  0.02

%PVC  $\approx$  95.68

%Other  $\approx$  3.74

5. Does the collection system experience problems during dry weather? No  
Describe or provide documentation:

6. Does the collection system experience problems during wet weather? No  
Describe or provide documentation: The collection system does experience some, I&I during wet weather events. We have identified some of the I&I, to be contributable to open construction trenches and pipe, due to residential construction. We have identified manholes in the system that have I&I and schedule them for repair or replacement based on condition assessment.

7. What is your sanitary sewer overflow (SSO) notification procedure?  
We do not have an internal policy for SSO notifications. We follow the TCEQ rules for reporting unauthorized discharges. We will make a phone call to our TCEQ regional office within 24 hours of unauthorized discharge. We will then follow up with a written report on TCEQ noncompliance notification form. As of August 2016, we have begun using TCEQ form 20756 for reporting all spills less than 1000 gallons.

What is reported?

We have in the past reported every spill that entered into a waterway regardless of size. With that said the majority of sewer spills we receive are small and are maintained on a private property or contained before a waterway.

8. Are all SSOs reported, regardless of size? If no, why not? Refer to remarks on question number seven.



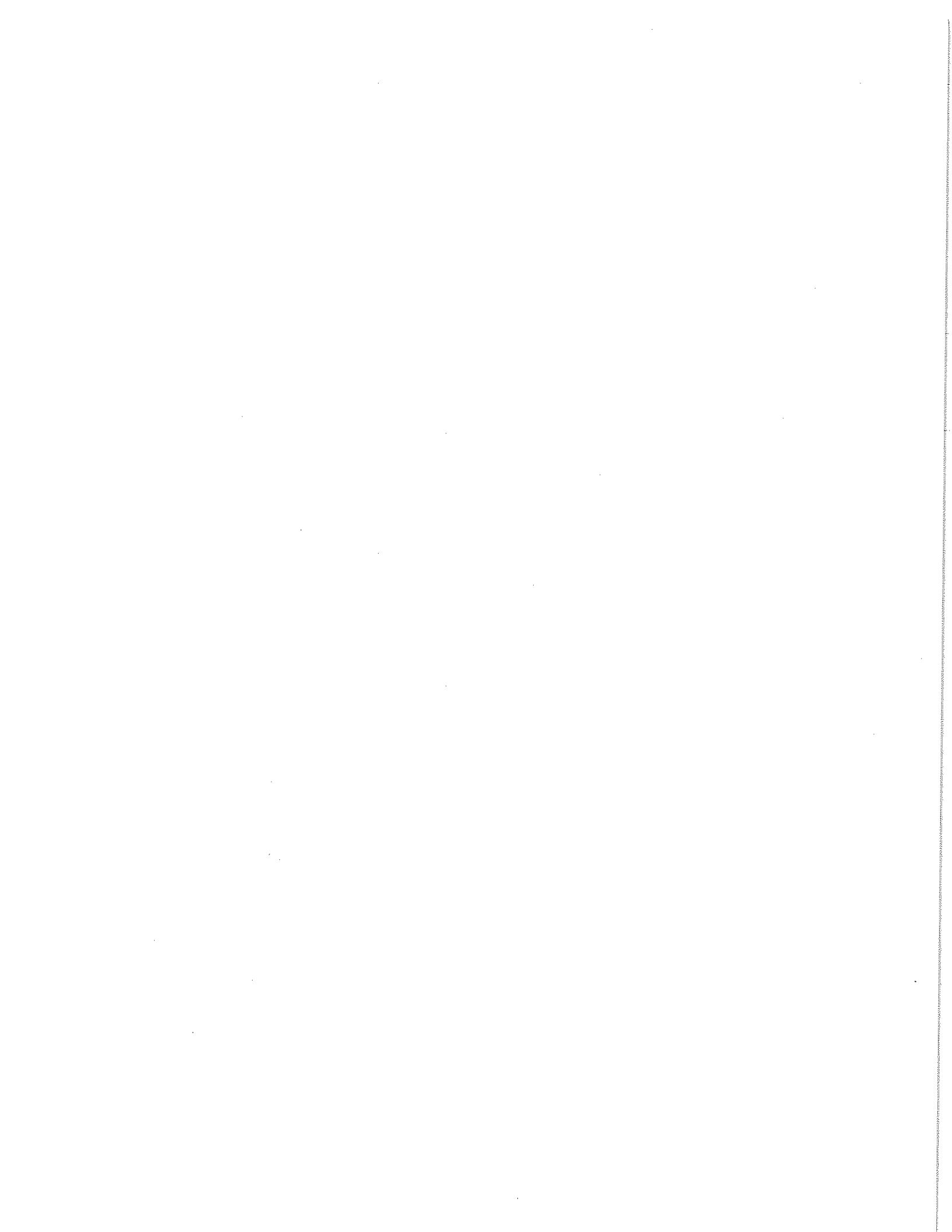
## EPA SSO Inspection Checklist

### Lift/Pump Stations

1. How many lift stations are in the system? 15
  - How many have backup power sources? 15
  - Describe:  
Two of our lift stations have on site generators with auto switch gears. For the remaining thirteen, we maintain a generator at our service center of size to run those stations. In the event of a power outage, we can deploy that generator within an hour of notification to that site. If more than one station went down at a time we would utilize bypass pumping as our lift stations are equipped with a bypass connection on the force main.
2. Describe how pump/lift stations are inspected and monitored?  
Lift stations are monitored by SCADA round the clock and visited at least weekly for site and visual inspection.
3. Is a SCADA system used? Yes If so, what parameters are monitored?  
SCADA monitors well levels, amps, starts and stops, runtimes, and all alarms.
4. What provisions have been made for emergencies?  
We have operators monitoring SCADA around the clock. We have three people who are on standby each week in the event of an emergency.
5. Emergency Power? Yes
  - Critical Processes? Automatic switch gears on two lift stations with sufficient capacity in each station to allow time for response to all alarms.
  - SCADA? Battery backup with an hour of operation an alarm will notify operator.
  - Other? Maintain contacts for bypass pumping in the event of widespread power outages. We are set up to utilize gas and diesel pumps to bypass pump from wet well to force main.
6. Describe any automated emergency notification/response process.  
SCADA controls most of the automated notifications. In the event of an alarm, the standby person is the notified directly. The notification is also set to roll from the standby person to the department manager in the event an alarm isn't acknowledged. We also have visual and audible alarms on each of the stations with an emergency contact number attached to the gate to the station.

### Satellite Systems

1. Does the collection system receive flow from satellite systems? No  
If yes, continue with questions 2-4
2. Is flow from satellite systems monitored? \_\_\_\_\_  
If yes, how? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
3. Describe any known problems with the satellite collection system (hydraulic flow, wastewater concentration, ordinances, etc.)? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
4. Who is responsible for satellite systems, enforcement, and response? \_\_\_\_\_



## EPA SSO Inspection Checklist

• Enforcement? \_\_\_\_\_

• Response? \_\_\_\_\_

### Performance Indicators

1. Summarize the Capacity, Management, Operations, and Maintenance (CMOM) components utilized by the facility and satellite systems, if applicable. We do not participate in a CMOM program.
2. Does the utility participate in the TCEQ Sanitary Sewer Overflow Initiative (SSOi)? No
  - If yes, please provide the latest SSOi Annual Report.
  - If no, why not? \_\_\_\_\_
3. What Standard Operational Procedures (SOP) are developed and used?
  - X SCADA? • X Valve maintenance?
  - X Routine Inspections/Maintenance? • X Fleet Management?
  - X Root Control? • X Clean-up?
  - X Lift/Pump Stations? • \_\_\_\_\_ Other? \_\_\_\_\_
4. Has an infiltration & inflow (I/I) analyses or sanitary system evaluation survey been performed? N
  - If yes, describe (and provide a copy of any associated reports) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
    - \_\_\_\_\_ Smoke Testing? \_\_\_\_\_
    - \_\_\_\_\_ Dye Testing? \_\_\_\_\_
    - \_\_\_\_\_ CCTV? \_\_\_\_\_
    - \_\_\_\_\_ Peaking Factors? \_\_\_\_\_
  - If not, why not?  
The majority of our collections system has been installed or improved since the year 2000. Having a majority of our system so new has allowed us to evaluate the system condition in house. We are currently in the process of a condition assessment and inspections of our large interceptor. Early returns have been very good.
5. Describe the sewer cleaning and inspection goals.

We have several cleaning and inspection goals of note. Our compliance department has an inspector dedicated to grease trap inspections and cleaning. His major responsibility is to ensure all commercial facilities that create FOG's keep their traps below 25% of its wetted capacity in solids. The same department manages the pre-treatment program with all permitted industries. Our Utility Inspector conducts inspections on all new construction to prevent damaged sewer services during and upon completion.

  - X Hot Spots, we maintain what we call a trouble shoot list. Locations get put in this list when they begin to develop a pattern of repeat calls, that once diagnosed may not constitute immediate repair or replacement. These locations will get cleaned once every month, and CCTV inspected every year.
6. Describe any training for receiving, documenting, and responding to sewer calls.
  - Discharge Estimates? We utilize the TCEQ approved methods for estimating overflows.
  - Safety/Confined Space? We put all of our Crew Leaders through competent person training and hold weekly safety training.
  - Lockout/Tagout? Is part of safety training.



**EPA**  
**SSO Inspection Checklist**

- Reporting? All Crew Leaders are required to be double certified in both water distribution and waste water collection, where they learn and pass an exam on TCEQ rules for reporting.
- Treatment/Clean-up? Our Operation Manager and Superintendent provide direction and training for all spill containment and clean up, as well as oversee the majority of those efforts.
- Other? \_\_\_\_\_

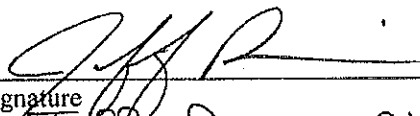
7. Describe any Asset Management process in place for the collection system.  
We utilize a work order management system called MyGov to track work and develop data for analyzing. We also maintain a 10 year strategic plan for our infrastructure replacement and development. Every five years we update our waste-water master plan and model.
8. Describe the funding status.
- Emergency Repairs: A small contingency is maintained in the operational budget for lift station and minor emergency repairs. In the event of large emergency repairs, we would tap our reserve fund or construction bond funds.
  - Operation & Maintenance: Funded through sewer rates
  - Rehabilitation: Funded through operations & maintenance as well as bond construction funds
  - Rates: We utilize a base and volumetric structure for sewer rates
  - Other? \_\_\_\_\_
9. Describe any formal approach to target areas for Capital Improvement Projects.  
There are really two approaches that are critical to developing our Capital Improvement Projects. First, we develop our Waste-Water Master Plan to align all capital projects with anticipated growth and future system needs. We also match our capital improvements to our capital roadway projects. The goal is to replace all infrastructures as needed when the roads get replaced.
10. Please provide any other relevant information.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**CERTIFICATION**

I certify under penalty of law that I have examined and am familiar with the information provided and in any enclosed documents, including all attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are, to the best of my knowledge and belief, true, accurate, and complete.

Date 9/9/16

Signature   
Print name and Title Jeff Price, Director of Utilities





## **Lift Station Maintenance**

### **COUNTRY MEADOW LIFT STATION**

- Pull the pumps in the wet well quarterly (3 months) for maintenance and inspection of the volute and impeller
- If necessary take the volute case off and remove debris if any or solids inside the pump that may cause the pumps to perform at higher amps
- Inspect the wet well for any solids or items in the water such as muni-balls that may cause a clog in one of the pumps
- Wash down the wet well and break down grease inside the well
- Pull the floats and remove any grease build up that may interfere with the float's functions to start the pumps
- Churn all grease inside the wet well quarterly (3 months) or as needed then pump down the wet well to allow the pumps to pump the grease out of the wet well
- Exercise valve at lift station quarterly (3 months)

### **COPPER COVE LIFT STATION**

- Pull the pumps in the wet well quarterly (3 months) for maintenance and inspection of the volute and impeller
- If necessary take the volute case off and remove debris if any or solids inside the pump that may cause the pumps to perform at higher amps
- Inspect the wet well for any solids or items in the water such as muni-balls that may cause a clog in one of the pumps
- Wash down the wet well and break down grease inside the well
- Pull the floats and remove any grease build up that may interfere with the float's functions to start the pumps
- Churn all grease inside the wet well quarterly (3 months) or as needed then pump down the wet well to allow the pumps to pump the grease out of the wet well
- Exercise valve at lift station quarterly (3 months)

### **DAY MIAR LIFT STATION**

- Pull the pumps in the wet well quarterly (3 months) for maintenance and inspection of the volute and impeller
- If necessary take the volute case off and remove debris if any or solids inside the pump that may cause the pumps to perform at higher amps
- Inspect the wet well for any solids or items in the water such as muni-balls that may cause a clog in one of the pumps
- Wash down the wet well and break down grease inside the well
- Pull the floats and remove any grease build up that may interfere with the float's functions to start the pumps
- Churn all grease inside the wet well quarterly (3 months) or as needed then pump down the wet well to allow the pumps to pump the grease out of the wet well
- Exercise valve at lift station quarterly (3 months)





## **Lift Station Maintenance**

### **GARDEN HEIGHTS LIFT STATION**

- Pull the pumps in the wet well quarterly (3 months) for maintenance and inspection of the volute and impeller
- If necessary take the volute case off and remove debris if any or solids inside the pump that may cause the pumps to perform at higher amps
- Inspect the wet well for any solids or items in the water such as muni-balls that may cause a clog in one of the pumps
- Wash down the wet well and break down grease inside the well
- Pull the floats and remove any grease build up that may interfere with the float's functions to start the pumps
- Churn all grease inside the wet well quarterly (3 months) or as needed then pump down the wet well to allow the pumps to pump the grease out of the wet well
- Exercise valve at lift station quarterly (3 months)

### **HERITAGE LIFT STATION**

- Pull the pumps in the wet well quarterly (3 months) for maintenance and inspection of the volute and impeller
- If necessary take the volute case off and remove debris if any or solids inside the pump that may cause the pumps to perform at higher amps
- Inspect the wet well for any solids or items in the water such as muni-balls that may cause a clog in one of the pumps
- Wash down the wet well and break down grease inside the well
- Pull the floats and remove any grease build up that may interfere with the float's functions to start the pumps
- Churn all grease inside the wet well quarterly (3 months) or as needed then pump down the wet well to allow the pumps to pump the grease out of the wet well
- Exercise valve at lift station quarterly (3 months)

### **HOLLAND LIFT STATION**

- Pull the pumps in the wet well quarterly (3 months) for maintenance and inspection of the volute and impeller
- If necessary take the volute case off and remove debris if any or solids inside the pump that may cause the pumps to perform at higher amps
- Inspect the wet well for any solids or items in the water such as muni-balls that may cause a clog in one of the pumps
- Wash down the wet well and break down grease inside the well
- Pull the floats and remove any grease build up that may interfere with the float's functions to start the pumps
- Churn all grease inside the wet well quarterly (3 months) or as needed then pump down the wet well to allow the pumps to pump the grease out of the wet well





## **Lift Station Maintenance**

- Exercise valve at lift station quarterly (3 months)
- Open and clean the check valves quarterly (3 months) located in the exterior of the lift station and remove all debris and solids inside and dispose of properly

### **LAKEVIEW LIFT STATION**

- Pull the pumps in the wet well quarterly (3 months) for maintenance and inspection of the volute and impeller
- If necessary take the volute case off and remove debris if any or solids inside the pump that may cause the pumps to perform at higher amps
- Inspect the wet well for any solids or items in the water such as muni-balls that may cause a clog in one of the pumps
- Wash down the wet well and break down grease inside the well
- Pull the floats and remove any grease build up that may interfere with the float's functions to start the pumps
- Churn all grease inside the wet well quarterly (3 months) or as needed then pump down the wet well to allow the pumps to pump the grease out of the wet well
- Exercise valve at lift station quarterly (3 months)

### **LONE STAR LIFT STATION**

- Pull the pumps in the wet well quarterly (3 months) for maintenance and inspection of the volute and impeller
- If necessary take the volute case off and remove debris if any or solids inside the pump that may cause the pumps to perform at higher amps
- Inspect the wet well for any solids or items in the water such as muni-balls that may cause a clog in one of the pumps
- Wash down the wet well and break down grease inside the well
- Pull the floats and remove any grease build up that may interfere with the float's functions to start the pumps
- Churn all grease inside the wet well quarterly (3 months) or as needed then pump down the wet well to allow the pumps to pump the grease out of the wet well
- Exercise valve at lift station quarterly (3 months)

### **MANORDALE LIFT STATION**

- Pull the pumps in the wet well quarterly (3 months) for maintenance and inspection of the volute and impeller
- Pull and inspect the Gridbee air mixer inside the wet well
- If necessary take the volute case off and remove debris if any or solids inside the pump that may cause the pumps to perform at higher amps
- Inspect the wet well for any solids or items in the water such as muni-balls that may cause a clog in one of the pumps
- Wash down the wet well and break down grease inside the well





## **Lift Station Maintenance**

- Pull the floats and remove any grease build up the may interfere with the float's functions to start the pumps
- Churn all grease inside the wet well quarterly (3 months) or as needed then pump down the wet well to allow the pumps to pump the grease out of the wet well
- Exercise valve at lift station quarterly (3 months)

### **MOODY/ RETTA LIFT STATION**

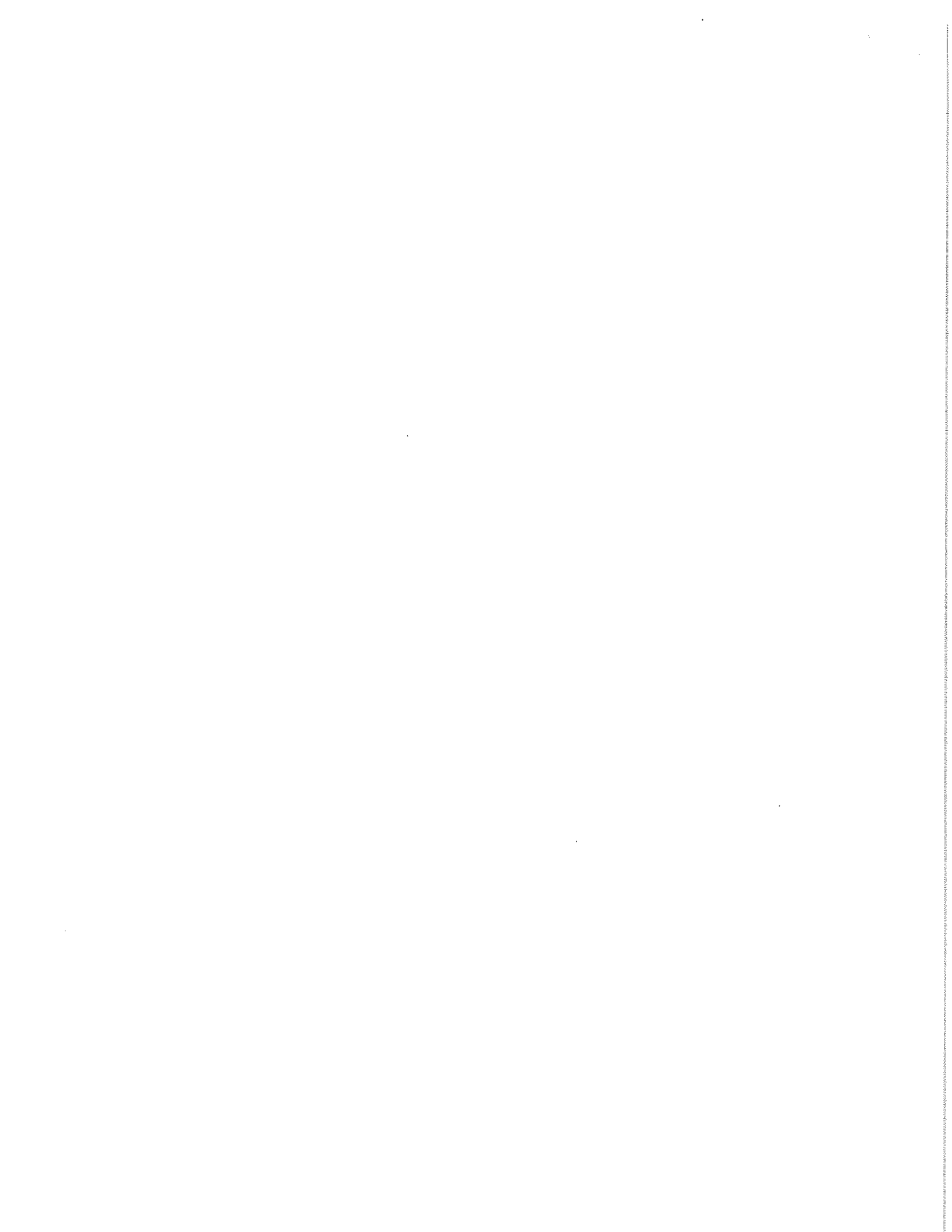
- Pull the pumps in the wet well quarterly (3 months) for maintenance and inspection of the volute and impeller
- If necessary take the volute case off and remove debris if any or solids inside the pump that may cause the pumps to perform at higher amps
- Inspect the wet well for any solids or items in the water such as muni-balls that may cause a clog in one of the pumps
- Wash down the wet well and break down grease inside the well
- Pull the floats and remove any grease build up the may interfere with the float's functions to start the pumps
- Churn all grease inside the wet well quarterly (3 months) or as needed then pump down the wet well to allow the pumps to pump the grease out of the wet well
- Exercise valve at lift station quarterly (3 months)

### **SEETON LIFT STATION**

- Pull the pumps in the wet well quarterly (3 months) for maintenance and inspection of the volute and impeller
- If necessary take the volute case off and remove debris if any or solids inside the pump that may cause the pumps to perform at higher amps
- Inspect the wet well for any solids or items in the water such as muni-balls that may cause a clog in one of the pumps
- Wash down the wet well and break down grease inside the well
- Pull the floats and remove any grease build up the may interfere with the float's functions to start the pumps
- Churn all grease inside the wet well quarterly (3 months) or as needed then pump down the wet well to allow the pumps to pump the grease out of the wet well
- Exercise valve at lift station quarterly (3 months)

### **SOUTH POINTE LIFT STATION**

- Pull the pumps in the wet well quarterly (3 months) for maintenance and inspection of the volute and impeller
- If necessary take the volute case off and remove debris if any or solids inside the pump that may cause the pumps to perform at higher amps
- Inspect the wet well for any solids or items in the water such as muni-balls that may cause a clog in one of the pumps
- Wash down the wet well and break down grease inside the well





## **Lift Station Maintenance**

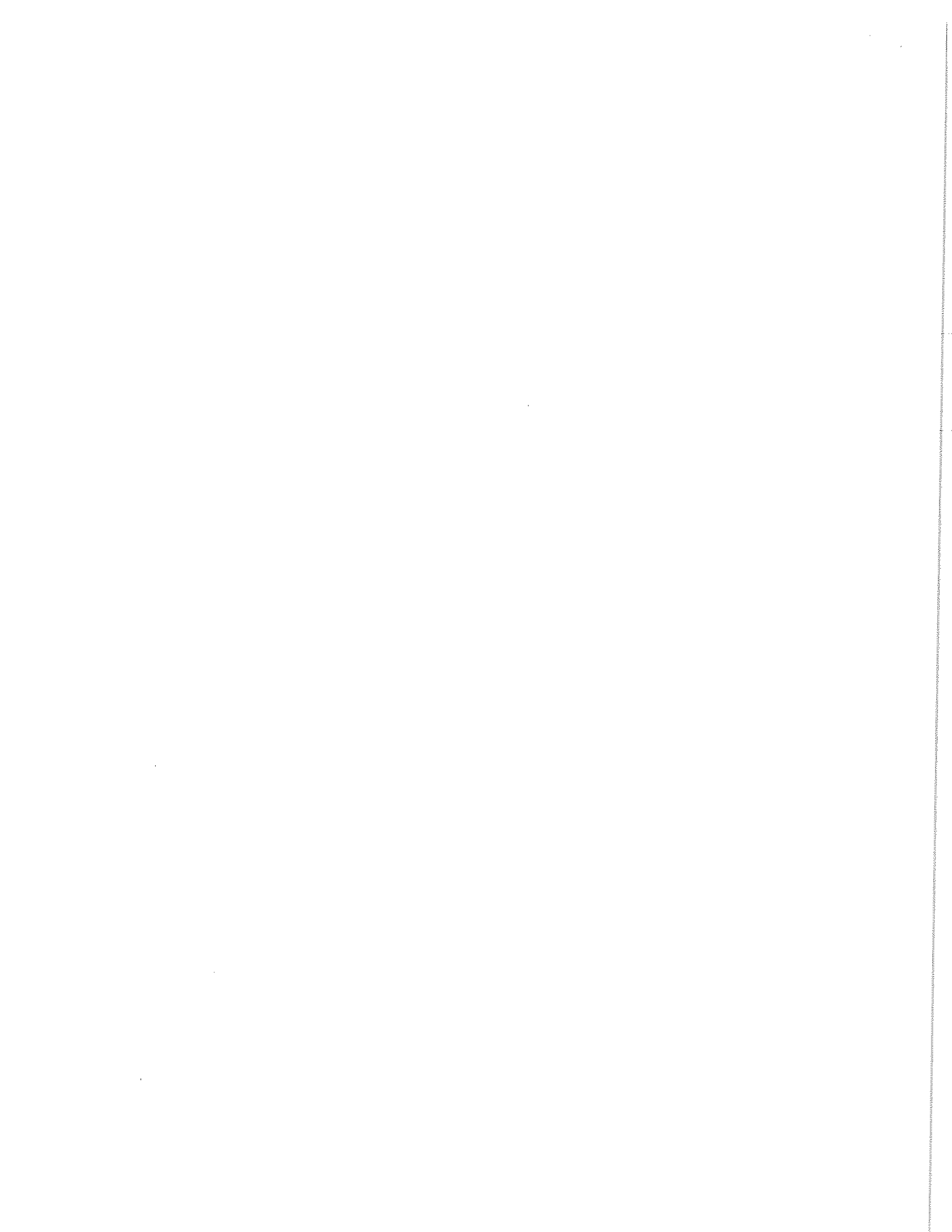
- Pull the floats and remove any grease build up the may interfere with the float's functions to start the pumps
- Churn all grease inside the wet well quarterly (3 months) or as needed then pump down the wet well to allow the pumps to pump the grease out of the wet well
- Exercise valve at lift station quarterly (3 months)
- \*Exercise the mixers inside the wet wells manually

### **TURNER WAY LIFT STATION**

- Pull the pumps in the wet well quarterly (3 months) for maintenance and inspection of the volute and impeller
- If necessary take the volute case off and remove debris if any or solids inside the pump that may cause the pumps to perform at higher amps
- Inspect the wet well for any solids or items in the water such as muni-balls that may cause a clog in one of the pumps
- Wash down the wet well and break down grease inside the well
- Pull the floats and remove any grease build up the may interfere with the float's functions to start the pumps
- Churn all grease inside the wet well quarterly (3 months) or as needed then pump down the wet well to allow the pumps to pump the grease out of the wet well
- Exercise valve at lift station quarterly (3 months)

### **HIGHWAYS 360 LIFT STATION**

- Pull the pumps in the wet well quarterly (3 months) for maintenance and inspection of the volute and impeller
- If necessary take the volute case off and remove debris if any or solids inside the pump that may cause the pumps to perform at higher amps
- Inspect the wet well for any solids or items in the water such as muni-balls that may cause a clog in one of the pumps
- Wash down the wet well and break down grease inside the well
- Pull the floats and remove any grease build up the may interfere with the float's functions to start the pumps
- Churn all grease inside the wet well quarterly (3 months) or as needed then pump down the wet well to allow the pumps to pump the grease out of the wet well
- Exercise valve at lift station quarterly (3 months)





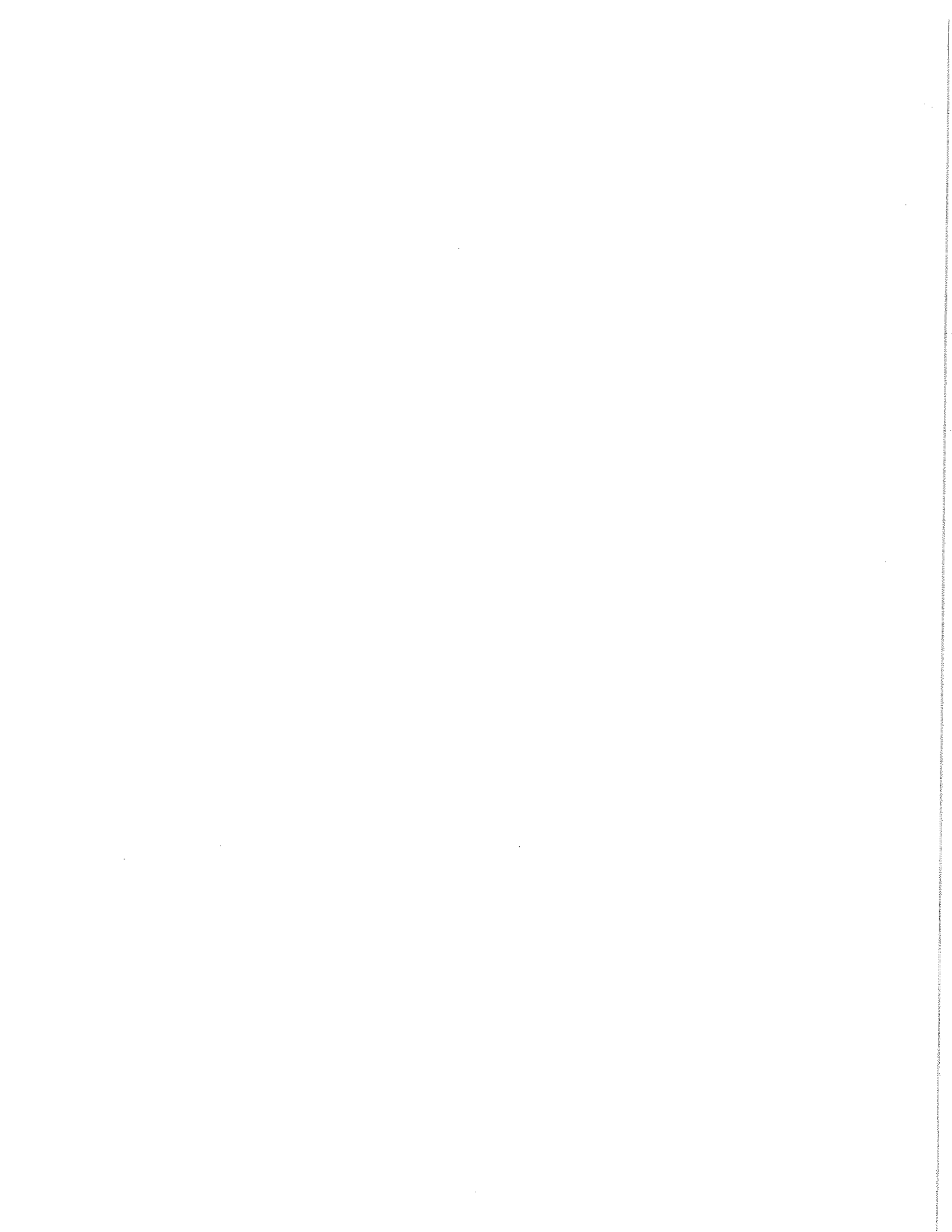
### **STANDARD OPERATING PROCEDURES FOR SEWER BACKUPS**

It is the City of Mansfield Utility Departments' goal to maintain a clean and smooth running collection system. Sewer backups and line breaks will occur. When these accidents happen it is our goal to respond in a timely manner. We must protect property, storm drains, streets, and other public areas. The following is the proper protocol to take when responding to a sewer overflow:

- Crews should respond to emergency calls within thirty minutes.
- Check residents curbside cleanout (if applicable) to see if it is holding.
- If curbside cleanout is not holding, check nearest city manhole.
- If both curbside cleanout and city main are not holding advise resident they must contact a plumber.
- If an overflow occurs (city or customer side) contain, collect, and properly dispose of wastewater.
- Complete TCEQ Accidental Discharge or Spill Monthly Summary Form.
- If over 1,000 gallons complete TCEQ Water Quality Noncompliance Notification.

A handwritten signature in blue ink, appearing to read 'Alex Whiteway', is written over a faint, circular official stamp.

Alex Whiteway  
Field Operations Manager





## Accidental Discharge or Spill Monthly Summary Form

\*See back of form for guidance for completion\*

### General Information:

Permittee: ☐

Subscriber: ☐

Regulated Entity Name: City of Mansfield Utilty's Dept.

Regulated Entity No: Click here to enter text.

Permit No: Click here to enter text.

EPA ID No: Click here to enter text.

TCEQ Region: Choose an item.

County: Tarrant

| Start Date<br>Start Time | End Date<br>End Time | Volume<br>(gallons) | Location  | Cause              | Steps taken to<br>reduce, eliminate,<br>and prevent<br>recurrence | Description/Content                                                                       | Standard Method for Volume<br>Calculation                    |
|--------------------------|----------------------|---------------------|-----------|--------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------|
| 5/8/2017<br>9:00 am      | 5/8/2017<br>2:00 pm  | 300gal              | 305 Stell | Grease<br>Blockage | Added to<br>trouble shoot<br>list for<br>monthly<br>cleaning      | 200' down stream of<br>manhole was a grease<br>blockage. Jetted and<br>unstopped blockage | Vacuumed 300 gal.<br>into City's 600 Gal.<br>vacuum trailer. |
|                          |                      |                     |           |                    |                                                                   |                                                                                           |                                                              |
|                          |                      |                     |           |                    |                                                                   |                                                                                           |                                                              |
|                          |                      |                     |           |                    |                                                                   |                                                                                           |                                                              |
|                          |                      |                     |           |                    |                                                                   |                                                                                           |                                                              |

Page 1

TCEQ-20756 (06-27-16)

Note: A copy of this form should be sent to your TCEQ Regional Office no later than the 20<sup>th</sup> day of the following month and the original to the TCEQ Compliance Monitoring Team (MC224), Enforcement Division, P.O. Box 13087, Austin, TX 78711-3087

\*If the accidental spill or discharge occurs at a Subscriber system (collection system only), use the RN associated to the collection system. If you are uncertain of your RN, you may call the TCEQ Regional Office for assistance.







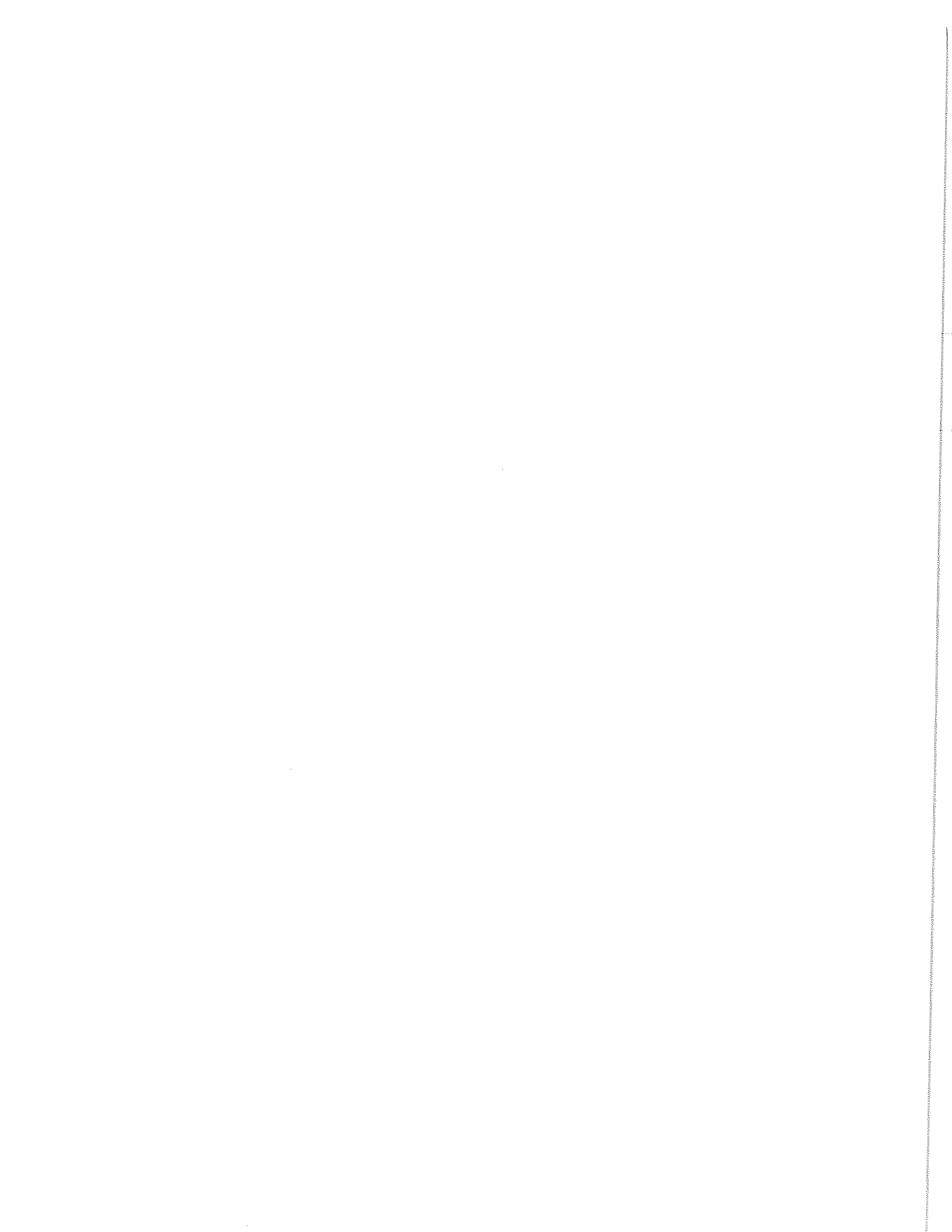
TITLE 30  
PART 1  
CHAPTER 327  
RULE §327.32

ENVIRONMENTAL QUALITY  
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY  
SPILL PREVENTION AND CONTROL  
Reporting Requirements for Certain Accidental Discharges or Spills of Treated or Untreated Wastewater at  
Wastewater Treatment Facilities or Collection Systems

- (a) The following words and terms, when used in this section, shall have the following meanings, unless the context clearly indicates otherwise.
- (1) Collection system--Pipes, conduits, lift stations, force mains, and all other constructions, devices, and appurtenant appliances used to transport domestic wastewater to a wastewater treatment facility.
- (2) History of noncompliance--History of non-reporting or reoccurrences of accidental discharges or spills of treated or untreated wastewater.
- (3) Local government--An incorporated city, a county, a river authority, or a water district or authority acting under Article III, Section 52, or Article XVI, Section 59 of the Texas Constitution.
- (4) Wastewater treatment facility--All contiguous land and fixtures, structures, and appurtenances used for storing, processing, and treating wastewater. A wastewater treatment facility does not include the collection system located outside of the fenced area around a wastewater treatment facility.
- (b) Except as provided by subsection (c) of this section, all accidental discharges or spills of treated or untreated wastewater shall be reported within 24 hours of the occurrence. A written submission shall be provided to the executive director within five days of the occurrence. The written submission shall contain a description of the accidental discharge or spill and its cause; the potential danger to human health or safety, or the environment; the duration of the accidental discharge or spill, including exact dates and times; if the cause of the accidental discharge or spill has not been corrected, the time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence, and to mitigate its adverse effects.



- (c) The responsible person of a wastewater treatment facility or collection system that is owned or operated by a local government may report accidental discharges or spills of treated or untreated wastewater that do not endanger human health or safety or the environment to the executive director as a monthly summary if each individual accidental discharge or spill:
  - (1) has a volume of 1,000 gallons or less;
  - (2) is not associated with another simultaneous accidental discharge or spill of treated or untreated wastewater;
  - (3) is controlled or removed before the accidental discharge or spill enters water in the state or adversely affects a public or private source of drinking water; and
  - (4) is not otherwise subject to local regulatory control and reporting requirements.
- (d) The responsible person shall submit a monthly summary by the 20th day of the month for each accidental discharge or spill that occurred during the previous month. The summary must include, at a minimum, the:
  - (1) location, volume and content of the accidental discharge or spill;
  - (2) description of the accidental discharge or spill;
  - (3) cause of the accidental discharge or spill;
  - (4) dates and times of the accidental discharge or spill; and
  - (5) steps taken to reduce, eliminate, and prevent recurrence of the accidental discharge or spill.
- (e) The responsible person must use one of the following methods for determining the volume of the discharge or spill.
  - (1) Visual estimate. If the accidental discharge or spill is less than 55 gallons, using a standard five-gallon bucket for reference, estimate the number of buckets that the discharge or spill would fill then multiply by five to obtain the number of gallons discharged or spilled. If the accidental discharge or spill is larger than 55 gallons, using a standard 55 gallon barrel for reference, estimate the number of barrels that the discharge or spill would fill and then multiply by 55 to obtain the number of gallons discharged or spilled.
  - (2) Measured volume. Identify the length, width, and depth of the contained accidental discharge or spill in feet and calculate the volume by multiplying length by width by depth by 7.5 (the conversion factor from cubic feet to gallons).
  - (3) Duration and flow rate. Identify separate estimates for the duration and the flow rate of the accidental discharge or spill. The estimated volume is calculated by multiplying the duration (hours or days) by the flow rate (gallons/hour or gallons/day).
  - (4) Other methods. The responsible person may use other volumetric calculation methodologies rather than those listed in paragraphs (1) - (3) of this subsection, so long as such methodologies include procedures to identify a duration, flow rate, depth, affected area, and total quantity of each spill (including, as appropriate, reference to estimation tools such as barrels, for example), and such methodology is consistent with standard and accepted industry practices. Such alternative methodologies must be identified in the responsible person's monthly report.
- (f) The responsible person must keep records of all accidental discharges or spills of treated or untreated wastewater reported under this section. The records must remain on-site for three years and be made immediately available to commission staff upon request.
- (g) The executive director may require more frequent reporting based on the responsible person's history of noncompliance.



**Source Note:** The provisions of this §327.32 adopted to be effective June 2, 2016, 41 TexReg 3914



## Water Quality Noncompliance Notification

\*See back of Form for Guidance for Completion\*

☒ Unauthorized Discharge

☐ Reportable Effluent Violation

☐ Other

### General Information

Entity Name: City of Mansfield

Telephone No: (817) 473-8411

☒ Permittee

☒ Subscriber

TCEQ Region: DFW

County: Tarrant

\*Permit Number: 2200018

### Noncompliance Summary

**Description of Noncompliance (include location, discharge route, and estimated volume of unauthorized discharge):**

A joint of six inch sewer pipe was washed away due to the rain. The creek is located behind the Walnut Creek Country Club Golf Course off of Danbury Dr. An estimated 50,000 gallons were released in to the creek.

**Cause of Noncompliance:** Due to the heavy rains the dirt underneath the sewer pipe started to erode. This removed all the bedding that was underneath the pipe.

**Duration:** Start Date and Time: April 21, 2016  
End Date and Time: April 22, 2016

**Or Date Expected to be Corrected:** Yes

**Potential Danger to Human Health and Safety or the Environment:** None

### Actions Taken

**Monitoring Data:** Data should be attached or submitted to TCEQ when available.

☐ Yes ☒ No Field Measurements  
☐ Yes ☒ No Laboratory Samples  
☐ Yes ☒ No Fish Kill If yes, estimated number killed:

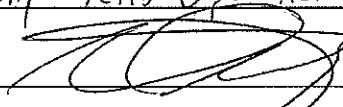
**Actions Taken to Mitigate Adverse Effects:** Once pipe was located we were able to install a new joint of pipe to stop the leak. Once leak was stopped we started to aerate the creek and reinforce the pipe with concrete.

**Actions Taken to Correct the Problem and Prevent Recurrence:** We repaired the sewer pipe and reinforced it with steel couplings. We installed a concrete wall beside it in order to protect it from the impact of rushing waters.

### Verification Information

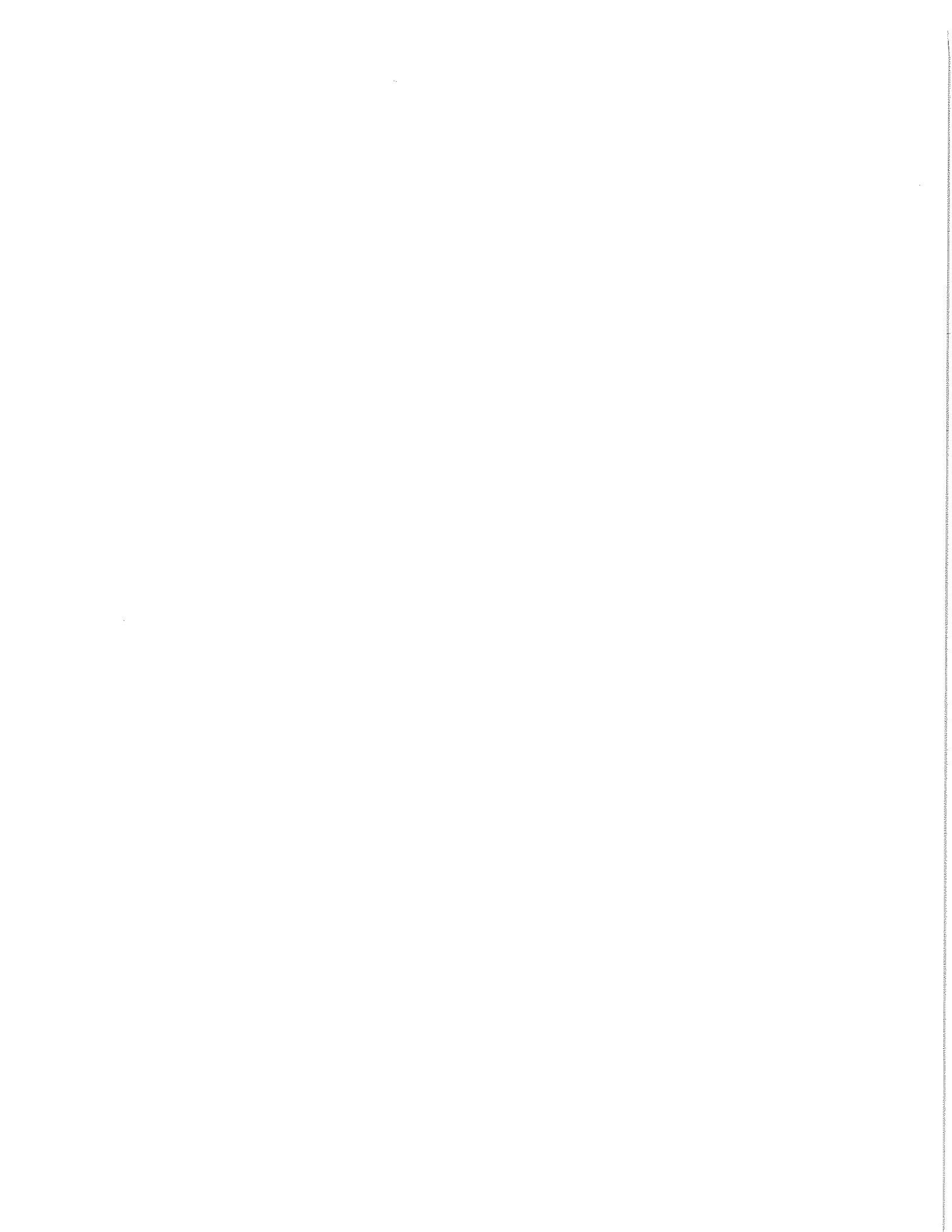
**Information Reported By (Name/Title):** Alex Whiteway Field Operations Manager

**Date Reported:** 4/25/2016

**Signature:** 

**Note:** If this form is being used for a 5-day written report, a copy of the form should be sent to the TCEQ Region Office, and the original to: TCEQ, Compliance Monitoring Team (MC224), Enforcement Division, P.O. Box 13087, Austin, TX 78711-3087.

\* If the noncompliance is an unauthorized discharge from a wastewater collection system, use the permit number of the treatment plant to which the collection system is tied. If you are uncertain of this permit number, you may call the TCEQ Regional Office for assistance.



# Water Quality Noncompliance Notification

\*See back of Form for Guidance for Completion\*

☒ Unauthorized Discharge      ☐ Reportable Effluent Violation      ☐ Other

## General Information

Entity Name: City of Mansfield

Telephone No: (817) 473-8411

☐ Permittee      ☐ Subscriber

TCEQ Region: DFW      County: Tarrant

\*Permit Number:

## Noncompliance Summary

Description of Noncompliance (include location, discharge route, and estimated volume of unauthorized discharge):  
1602 S HWY 360, Discharged 50 feet it to the woods, estimated volume is 10,000 gallons.

Cause of Noncompliance: The gate valve on the force man came apart.

Duration: Start Date and Time: 8:30 a.m. November 9, 2016      OR      Date Expected to be  
End Date and Time: 10:00a.m. November 9, 2016  
Corrected: November 9, 2016

Potential Danger to Human Health and Safety or the Environment: There was no danger the wastewater was blocked by a berm that interrupted the discharge from entering the creek.

## Actions Taken

Monitoring Data: Data should be attached or submitted to TCEQ when available.

☐ Yes    ☒ No    Field Measurements  
☐ Yes    ☒ No    Laboratory Samples  
☐ Yes    ☒ No    Fish Kill    If yes, estimated number killed:

Actions Taken to Mitigate Adverse Effects: All the wastewater was gathered up and disposed of.

Actions Taken to Correct the Problem and Prevent Recurrence: We installed new fittings and wrapped them with polyethylene.

## Verification Information

Information Reported By (Name/Title): Alex Whitney Operations Manager

Date Reported: 11/10/16      Signature: 

Note: If this form is being used for a 5-day written report, a copy of the form should be sent to the TCEQ Region Office, and the original to: TCEQ Compliance Monitoring Team (MC224), Enforcement Division, P.O. Box 13087, Austin, TX 78711-3087.

\* If the noncompliance is an unauthorized discharge from a wastewater collection system, use the permit number of the treatment plant to which the collection system is tied. If you are uncertain of this permit number, you may call the TCEQ Regional Office for assistance.





Jeff Price &lt;jeff.price@mansfield-tx.gov&gt;

---

**SSO from 11/10/16**

3 messages

Mon, Jan 2, 2017 at 12:51 PM

**Carol Moulton** <carol.moulton@tceq.texas.gov>  
To: "Jeff Price (jeff.price@mansfield-tx.gov)" <jeff.price@mansfield-tx.gov>

Hi Mr. Price,

I left a voice message for you on December 19, 2016 requesting a copy of the SSO notification form that you had called in November 10, 2016. In your initial notification voice message, you indicated that you had filled out the notice and sent the form. I have not received a copy in the Region 4 Office at this time.

Could you please send the form for the SSO that occurred 11/10/2016 to my attention? You may fax it to the number listed below, or attach as a PDF to a reply email.

For future follow up SSO notification forms, please send notifications forms to the fax number below or by email to [WWTeamR4@tceq.texas.gov](mailto:WWTeamR4@tceq.texas.gov).

Please let me know if you have any questions.

**Carol Moulton**

**Environmental Investigator, Water Quality Program**

**TCEQ Region 4 DFW**

Direct: [817/588-5894](tel:8175885894)

Main: [817/588-5800](tel:8175885800)

Fax: [817/558-5701](tel:8175585701)

[www.tceq.texas.gov](http://www.tceq.texas.gov)

Please consider whether it is necessary to print this e-mail

If you would like to comment on my customer service, you can use the following link:

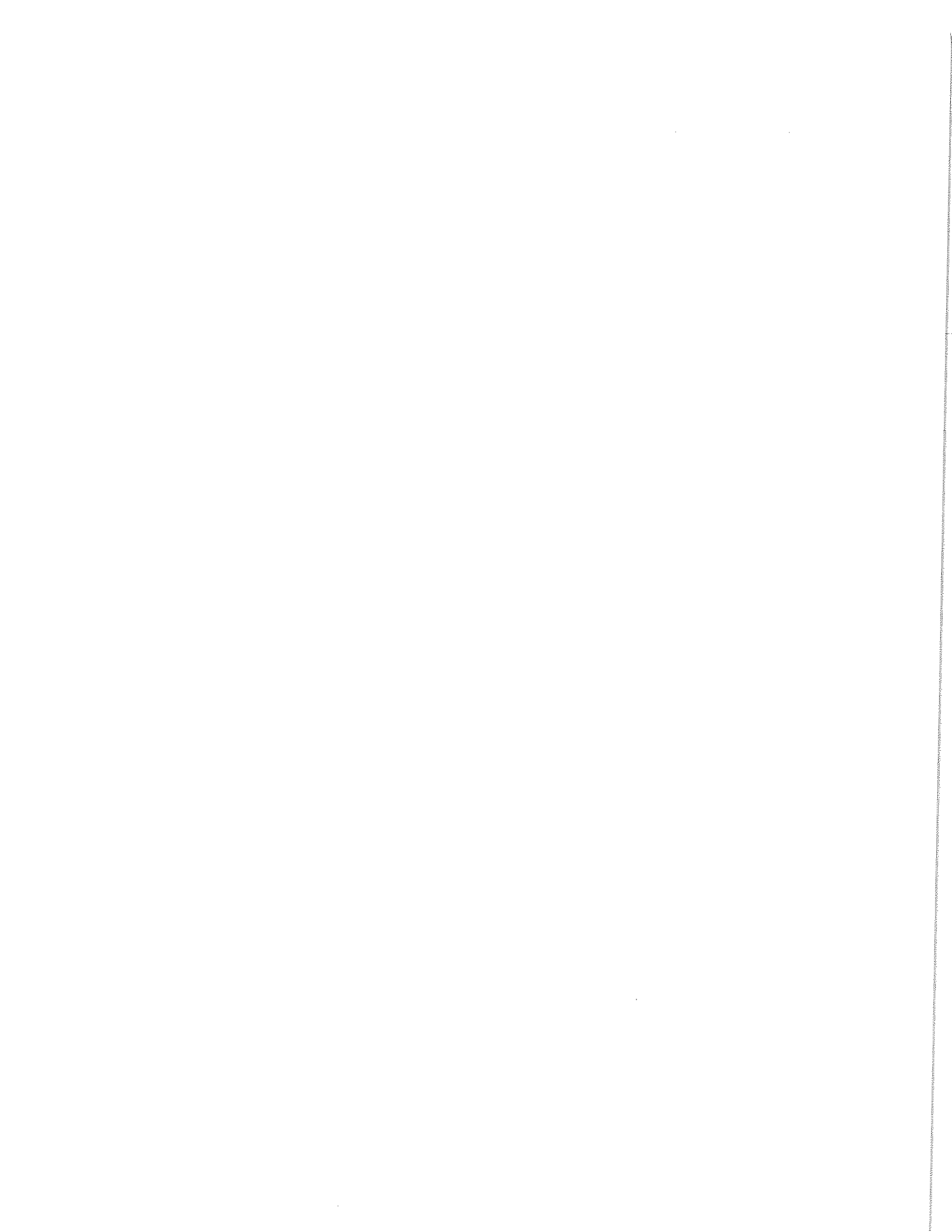
<http://www.tceq.texas.gov/customersurvey>; or you can contact my supervisor directly at: [Greg.Diehl@tceq.texas.gov](mailto:Greg.Diehl@tceq.texas.gov)

---

**Jeff Price** <jeff.price@mansfield-tx.gov>

Tue, Jan 3, 2017 at 4:48 PM

To: Carol Moulton <carol.moulton@tceq.texas.gov>, [wwteamr4@tceq.texas.gov](mailto:wwteamr4@tceq.texas.gov)



5/17/2017

City of Mansfield, Texas Mail - SSO from 11/10/16

Attached is the unauthorized discharge report.

PWS ID# 2200018, we are a subscriber to the TRA Central Regional Waster Water System.

[Quoted text hidden]

--

Jeff Price  
City of Mansfield  
Director of Utilities  
Office: [817-728-3602](tel:817-728-3602)  
Fax: [817-728-3639](tel:817-728-3639)



**doc02621220170103164649.pdf**  
94K

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**WWTeamR4** <WWTeamR4@tceq.texas.gov>  
To: "jeff.price@mansfield-tx.gov" <jeff.price@mansfield-tx.gov>

Tue, Jan 3, 2017 at 5:06 PM

Your message

To: WWTeamR4  
Subject: Re: SSO from 11/10/16  
Sent: Tuesday, January 03, 2017 10:48:02 PM (UTC+00:00) Monrovia, Reykjavik  
was read on Tuesday, January 03, 2017 11:06:17 PM (UTC+00:00) Monrovia, Reykjavik.



## Water Quality Noncompliance Notification

\*See back of Form for Guidance for Completion\*

☒ Unauthorized Discharge

☐ Reportable Effluent Violation

☐ Other

### General Information

Entity Name: City of Mansfield

Telephone No: (817) 728-3602

☒ Permittee

☐ Subscriber

TCEQ Region: 4

County:

\*Permit Number: 2200018

### Noncompliance Summary

**Description of Noncompliance (include location, discharge route, and estimated volume of unauthorized discharge):**

Noncompliance was due to the collapse of approximately 70' of 30" sewer interceptor. The break was located North of Walnut Creek East of North Street and West of Main Street. Discharge route is into an unnamed tributary then into Walnut Creek. We estimated 1.8 million gallons possibly escaped during the time between the pipe breaking, and the time crews located the break. This of course is just an estimate we have no way of verifying actual losses.

**Cause of Noncompliance:**

Cause is determined to be from soil saturation and erosion caused by extensive flooding in the past eight months. An unnamed tributary off of Walnut Creek eroded to the point of exposing and degrading support from around sewer interceptor.

**Duration:** Start Date and Time: 10/31/2015 Time ?

End Date and Time: 4/3/2015 3:00 PM

Corrected:

Or Date Expected to be

**Potential Danger to Human Health and Safety or the Environment:** None

### Actions Taken

**Monitoring Data:** Data should be attached or submitted to TCEQ when available.

☒ Yes ☐ No Field Measurements

☐ Yes ☒ No Laboratory Samples

☒ Yes ☐ No Fish Kill If yes, estimated number killed: 40

**Actions Taken to Mitigate Adverse Effects:** Walnut Creek was elevated and still receiving upstream runoff. Adverse effects were minimal. Crews began by damming the location and pumping utilizing pump trucks to move effluent from upstream of the break to a downstream location. This course of action prevented any further discharge into the Creek after approx. 3 p.m.

**Actions Taken to Correct the Problem and Prevent Recurrence:** We utilized an engineering consultant and utility contractor to design and complete a permanent repair.

### Verification Information

Information Reported By (Name/Title): Jeff Price Assistant Director of Utilities

Date Reported: 11/4/15 Signature: Jeff Price

**Note:** If this form is being used for a 5-day written report, a copy of the form should be sent to the TCEQ Region Office, and the original to: TCEQ, Compliance Monitoring Team (MC224), Enforcement Division, P.O. Box 13087, Austin, TX 78711-3087.

\* If the noncompliance is an unauthorized discharge from a wastewater collection system, use the permit number of the treatment plant to which the collection system is tied. If you are uncertain of this permit number, you may call the TCEQ Regional Office for assistance.

TCEQ - 00501 (Rev. 09-07-10)





### **30" SSO Report and Timeline**

**Discovery-** On Tuesday November 3, 2015 at about, 11:00 am David Brister (Sewer Crew Leader), Arnolando Ramirez (utility technician), Blake Ward (Tradesperson), and a Contractor from ACE were conducting a routine inspection of the 30" sewer line that crosses from North Street to Main Street. At this time, they discovered that about a 100-foot section of sewer pipe in closed in concrete casing collapsed and was discharging sewer in to Walnut Creek. David Brister contacted Alex Whiteway (Utility Field Operations Manager) to inform him of the break. At this, moment is when the containment process began.

**Containment-** At about 11:30am on Tuesday November 3, 2015 is when we began to start the containment process. Fifteen personnel were called in in order to begin to contain the sewage. Crews were dispatched to start to dam up the Creek in order to contain the sewer from further contaminating Walnut Creek. At the same time, the operations manager was contacting a contractor to conduct bypass pumping. Harold Bright from Maverick Pump Company was notified, and he was on site within thirty minutes (12:00pm). We also contacted Dal-Worth pump truck company to send six pump trucks out so we could start pumping two manholes. Maverick Pump Company began to fuse the 12" pipe together to extend out 1450 feet.

The pump trucks were on site within; one hour (1:00pm). We plugged off the 30" manhole on the south side of the railroad tracks and the 15" manhole on the east side of North Street directly across from 408 North Street at about 1:15pm. We had four trucks at the 30" manhole and two trucks at the 15" manhole. We had to adjust throughout the night as flows started to increase. Once the trucks were filled, they would drive approximately a quarter of a mile to Newt Patterson Street where we had four personnel standing by to stop traffic, so they could discharge into the manhole. We had pump trucks on site from 1:15pm Tuesday November 3, 2015 until 5:00pm Wednesday November 4, 2015. Each truck would haul about 3,500 gallons per trip, totaling 380,000 gallons. We were able to contain the sewage to the manholes until the bypass pumping was set up.



**Bypass Pumping-** Maverick Pump Company set up the bypass pumping at approximately 4:00pm on Wednesday November 4, 2015. Two 4" pumps were set up at the 15" manhole across from 408 North Street. We ran 750 feet of six-inch hose from the 15" manhole to the 30" manhole. We ran the hose on top of the bridge then had to go underneath the railroad tracks. From there we set up two eight-inch pumps at the 30" manhole on the south side of the railroad tracks. 1450 feet of 12" fused pipe were run from the 30" manhole on the south side of the railroad tracks to the thirty-inch manhole of the west side of Main Street approximately 800 feet from the broken pipe. Bypass pumping is working correctly with the contractor supervising the pumps and the line 24/7. We check fuel twice a day on the pumps and fill them up as needed.

**Permanent repair-** We contacted Venus Construction Tuesday November 3, 2015 to come in and prepare to conduct the repair of the line. On Friday November 6, 2015, representatives from Venus Construction along with the city engineer and consultants from Freese and Nichols met in order to discuss the proper way to repair the line. Attached you will find the detail for repairing the line as discussed in the field. Materials and equipment were on site 11/13/2015. Due to impending rain, Venus Construction wanted to wait until the 18<sup>th</sup> to begin the repair. We estimate to have the line repaired and back in service on or before 11/22/2015.

**Note:** On Friday the Oct. 6<sup>th</sup> we received the first report there had been a fish kill from a resident at Oliver Nature Park in Mansfield. Having walked the Creek from the spill to the edge of the City limits and finding no evidence of dead fish prior to the 6<sup>th</sup>, we assumed there had been none. Promptly after receiving the reported fish kill on Friday, we mobilized crews to retrieve them from Walnut Creek. We retrieved a total of 94 fish.

1 Carp  
6 Large Bass  
1 Large Catfish  
2 Small Catfish  
84 small to medium Brim/Perch

Jeff Price  
City of Mansfield  
Assistant Director of Utilities  
817-728-3602



Pictures of Creek the Day we found the Break



Walnut Creek Dr.



Pictures of Creek the Day we found the Break



One Mile from Break



Pictures of Creek the Day we found the Break



Oliver Nature Park



Walnut Creek Phillip Thompson

Soccer Complex

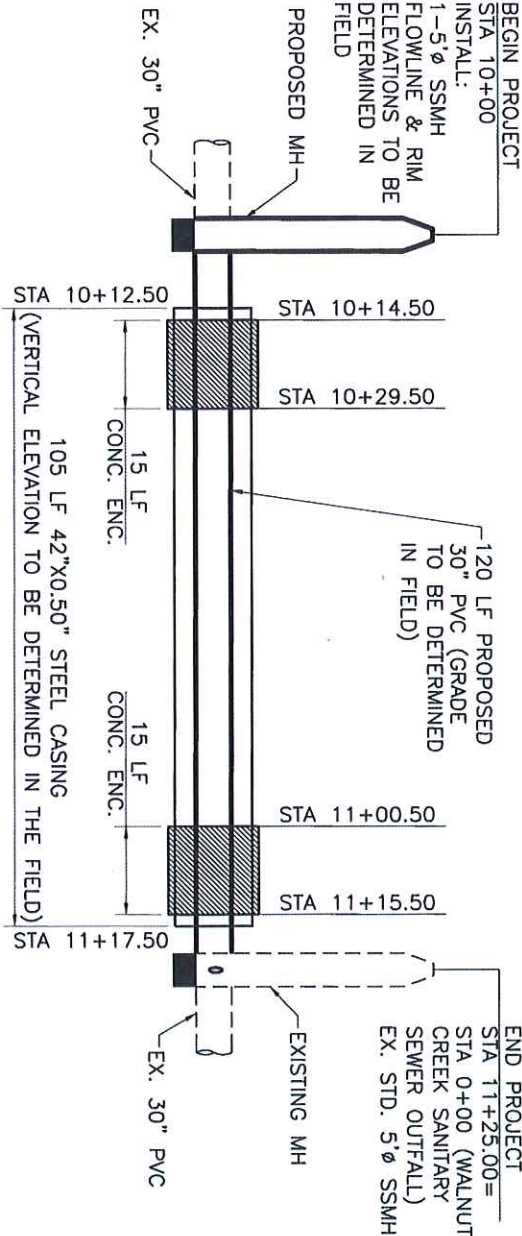


Pictures of Creek the Day we found the Break



Hwy 360





NOTES:

1. ABANDON AND PLUG EXISTING 12" PVC IN CREEK INCLUDING REMOVAL OF CONCRETE ENCASUREMENT.
2. REMOVE FALLEN AND DEAD TREES IN AREA REQUIRED TO RESHAPE TRIBUTARY.
3. RESHAPE TRIBUTARY TO THE EAST AS DIRECTED BY OWNER IN FIELD.
4. RESTORE BANK ON WEST SIDE OF TRIBUTARY.
5. INSTALL NEW MANHOLE ON EXISTING 15" SEWER, 50 FT. UPSTREAM AT EXISTING MANHOLE.
6. CONNECT EXISTING 4" SEWER SERVICE TO PROPOSED 15" PVC WITH 15"x6" TEE AND THEN 6"x4" REDUCER.
7. CONTRACTOR SHALL INSTALL CASING SPACERS ON PROPOSED 30" PVC SEWER PER MANUFACTURERS RECOMMENDATIONS. EACH END OF CASING SHALL BE SEALED.
8. PROPOSED MANHOLES SHALL BE CAST-IN-PLACE WITH BOLT DOWN LIDS.



Freese and Nichols, Inc.  
Texas Registered Engineering Firm F-2144

CITY OF MANSFIELD  
**EMERGENCY SEWER REPAIR**  
**WALNUT CREEK SANITARY SEWER OUTFALL**

**Freese and Nichols**  
4055 International Plaza, Suite 200  
Fort Worth, Texas 76109-4595  
Phone - (817) 735-7300  
Fax - (817) 735-7301  
Web - www.freese.com

|          |                      |
|----------|----------------------|
| FILE     | CV-ALL-FG-EXB101.dwg |
| DATE     | NOV. 2015            |
| SCALE    | NOT TO SCALE         |
| DESIGNED | RO                   |
| DRAFTED  | SB                   |



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

|                             |                                 |                             |                                      |                             |                  |
|-----------------------------|---------------------------------|-----------------------------|--------------------------------------|-----------------------------|------------------|
| Regulated Entity/ Site Name | City of Mansfield               |                             | TCEQ Add. ID No.<br>RN No (optional) | RN103098638                 |                  |
| Investigation Type          | Recon                           | Contact Made In House (Y/N) | Y                                    | Purpose of Investigation    | Recon SSO Bypass |
| Regulated Entity Contact    | Mr. Jeff Price                  |                             | Telephone No.                        | 817-728-3602                | Date Contacted   |
|                             | Assistant Director of Utilities |                             | FAX #/Email address                  | jeff.price@mansfield-tx.gov | FAX/Email date   |
|                             |                                 |                             |                                      |                             | 11/6/15          |

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.

| No. | Type <sup>1</sup> | Rule Citation (if known) | Description of Issue                                                                                                                                                                                                                                                                           |
|-----|-------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1   | AV                | Texas Water Code 26.121  | Failure to prevent the unauthorized discharge of wastewater that caused an environmental impact. Specifically an estimated 1.8 million gallons discharge from a ruptured sewer line into Walnut Creek between October 31 and November 3, 2015 and caused a fish kill of approximately 40 fish. |
| 2   |                   |                          |                                                                                                                                                                                                                                                                                                |
| 3   |                   |                          |                                                                                                                                                                                                                                                                                                |
| 4   |                   |                          |                                                                                                                                                                                                                                                                                                |
| 5   |                   |                          |                                                                                                                                                                                                                                                                                                |
| 6   |                   |                          |                                                                                                                                                                                                                                                                                                |

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. |                                                                                   |           |                                                         |
| Carol Moulton                                                                                                                                                                                                                                                                                                                             |  | 11-6-2015 | Jeff Price (via email)                                  |
| 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. Write Copy: Regulated Entity Representative Yellow Copy: TCEQ





Jeff Price &lt;jeff.price@mansfield-tx.gov&gt;

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**Mansfield SSO**

9 messages

**Jeff Price** <jeff.price@mansfield-tx.gov>

Wed, Nov 4, 2015 at 10:56 AM

To: carol.moulton@tceq.texas.gov

Carol,

Thank You for your assistance earlier, here is our media release for the SSO we had discussed earlier.

Sincerely,

--

Jeff Price  
City of Mansfield  
Assistant Director of Utilities  
Office: 817-728-3602  
Fax: 817-728-3639

**Media Release.pdf**

37K

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**Carol Moulton** <carol.moulton@tceq.texas.gov>

Wed, Nov 4, 2015 at 11:11 AM

To: Jeff Price &lt;jeff.price@mansfield-tx.gov&gt;

Thanks, Jeff.

Just to confirm, this is what you sent to the Public Information Office with the City to send to the media?

If you can, I would like to get a list of the media outlets and officials the release was sent to.

**Carol Moulton****Environmental Investigator, Water Quality Program****TCEQ Region 4 DFW**

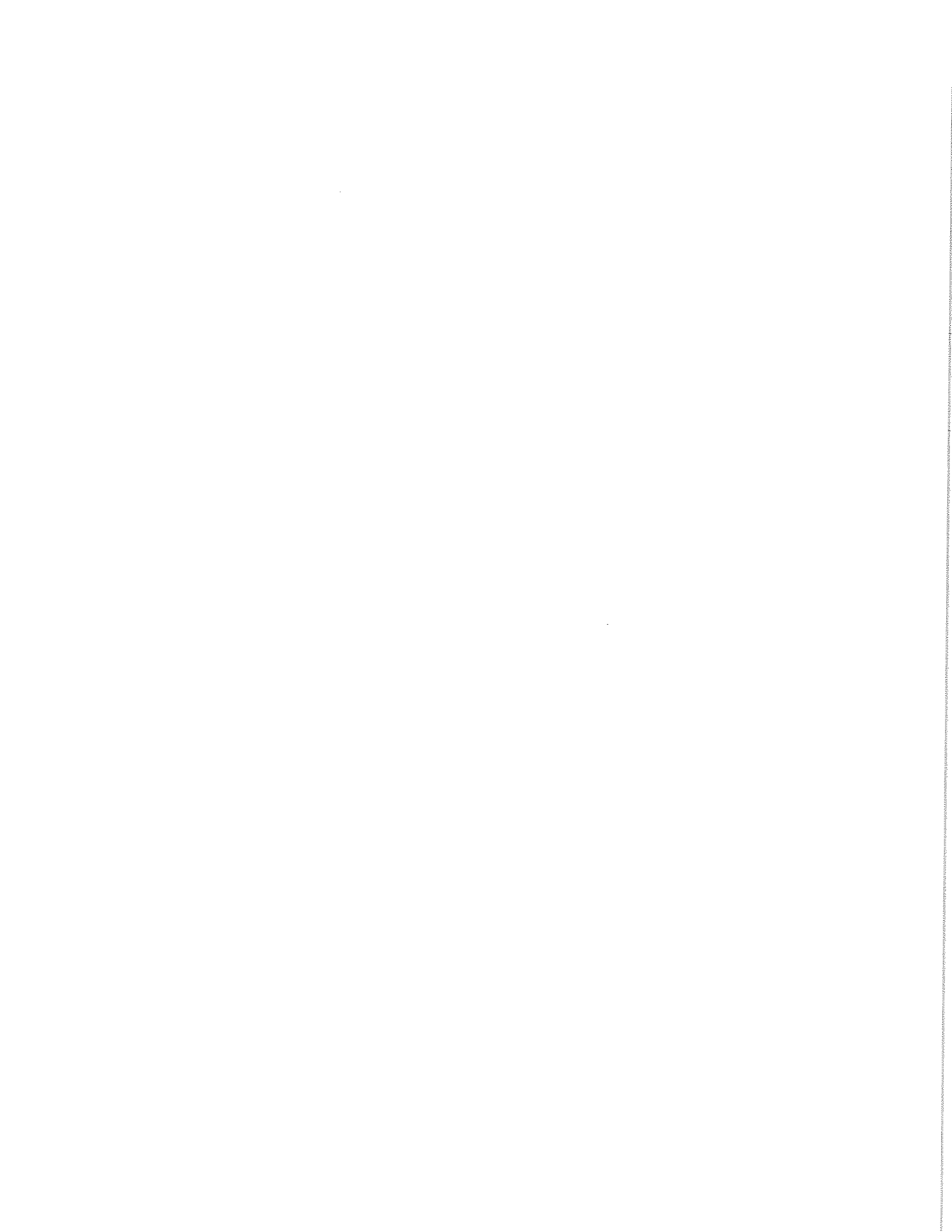
Direct: 817/588-5894

Main: 817/588-5800

Fax: 817/558-5701

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If you would like to comment on my customer service, you can use the following link:

<http://www.tceq.texas.gov/customersurvey>; or you can contact my supervisor directly at: [Greg.Diehl@tceq.texas.gov](mailto:Greg.Diehl@tceq.texas.gov)

**From:** Jeff Price [<mailto:jeff.price@mansfield-tx.gov>]

**Sent:** Wednesday, November 04, 2015 10:57 AM

**To:** Carol Moulton

**Subject:** Mansfield SSO

[Quoted text hidden]

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---

**Jeff Price** <[jeff.price@mansfield-tx.gov](mailto:jeff.price@mansfield-tx.gov)>  
To: Arianne Shipley <[arianne.shipley@mansfieldtexas.gov](mailto:arianne.shipley@mansfieldtexas.gov)>

Wed, Nov 4, 2015 at 11:17 AM



Can you get me this?

Sent from my iPhone

Begin forwarded message:

**From:** Carol Moulton <[carol.moulton@tceq.texas.gov](mailto:carol.moulton@tceq.texas.gov)>  
**Date:** November 4, 2015 at 11:11:42 AM CST  
**To:** Jeff Price <[jeff.price@mansfield-tx.gov](mailto:jeff.price@mansfield-tx.gov)>  
**Subject:** RE: Mansfield SSO

[Quoted text hidden]

---

**Arianne Shipley** <[arianne.shipley@mansfieldtexas.gov](mailto:arianne.shipley@mansfieldtexas.gov)>  
To: Jeff Price <[jeff.price@mansfield-tx.gov](mailto:jeff.price@mansfield-tx.gov)>

Wed, Nov 4, 2015 at 11:30 AM

Yes

[Quoted text hidden]

--

**Arianne M. Shipley, CPC**

Education Specialist Water Utilities Division  
& Keep Mansfield Beautiful Coordinator  
City of Mansfield  
[817-728-3612](tel:817-728-3612)

*Education is the most powerful weapon which you can use to change the world.*  
-Nelson Mandela

---

**Carol Moulton** <[carol.moulton@tceq.texas.gov](mailto:carol.moulton@tceq.texas.gov)>  
To: Jeff Price <[jeff.price@mansfield-tx.gov](mailto:jeff.price@mansfield-tx.gov)>

Wed, Nov 4, 2015 at 12:08 PM

Jeff,

One additional piece of paperwork. I attached the Water Quality noncompliance notification form. The City has already verbally notified the State within the 24 hour required timeframe. The form can be used to update any additional information for the required 5 day follow up, which is important for discharges that are ongoing at the time of initial notification. Alternatively, you may send in a written description of actions taken in a more narrative form if the details won't fit in the boxes provided on the form. Since you are a subscriber city, you do not need to send a copy of the form to Austin, just to the Region Office in Fort Worth.

Let me know if you have any additional questions regarding this form or follow up report. Also, you may save and use this form for any future unauthorized discharges that may occur from the collection system.

**Carol Moulton**

**Environmental Investigator, Water Quality Program**

**TCEQ Region 4 DFW**

Direct: [817/588-5894](tel:817/588-5894)

Main: [817/588-5800](tel:817/588-5800)

Fax: [817/558-5701](tel:817/558-5701)



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<http://www.tceq.texas.gov/customersurvey>; or you can contact my supervisor directly at: [Greg.Diehl@tceq.texas.gov](mailto:Greg.Diehl@tceq.texas.gov)

**From:** Jeff Price [<mailto:jeff.price@mansfield-tx.gov>]

**Sent:** Wednesday, November 04, 2015 10:57 AM

**To:** Carol Moulton

**Subject:** Mansfield SSO

Carol,

[Quoted text hidden]

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**TCEQ WQ Noncompliance Form 00501.doc**

69K

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**Jeff Price** <jeff.price@mansfield-tx.gov>  
To: Jimmy Moore <jimmy.moore@mansfield-tx.gov>

Thu, Nov 5, 2015 at 8:26 AM

----- Forwarded message -----

**From: Carol Moulton** <carol.moulton@tceq.texas.gov>

[Quoted text hidden]

[Quoted text hidden]



**TCEQ WQ Noncompliance Form 00501.doc**

69K

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**Carol Moulton** <carol.moulton@tceq.texas.gov>  
To: "Jeff Price (jeff.price@mansfield-tx.gov)" <jeff.price@mansfield-tx.gov>

Fri, Dec 18, 2015 at 2:07 PM

Good afternoon Mr. Price,

Could you review your correspondence with me to see if the attached form was filled out following the SSO and fish kill that occurred back in November? I cannot find a copy of the form in my investigation folder or in my email. Please forward me a signed copy at your earliest convenience.

Let me know if you have any questions.

**Carol Moulton**

**Environmental Investigator, Water Quality Program**

**TCEQ Region 4 DFW**

Direct: 817/588-5894

Main: 817/588-5800

Fax: 817/558-5701

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<http://www.tceq.texas.gov/customersurvey>; or you can contact my supervisor directly at: [Greg.Diehl@tceq.texas.gov](mailto:Greg.Diehl@tceq.texas.gov)

---

**From:** Carol Moulton  
**Sent:** Wednesday, November 04, 2015 12:08 PM  
**To:** 'Jeff Price' <[jeff.price@mansfield-tx.gov](mailto:jeff.price@mansfield-tx.gov)>  
**Subject:** RE: Mansfield SSO

Jeff,

One additional piece of paperwork. I attached the Water Quality noncompliance notification form. The City has already verbally notified the State within the 24 hour required timeframe. The form can be used to update any additional information for the required 5 day follow up, which is important for discharges that are ongoing at the time of initial notification. Alternatively, you may send in a written description of actions taken in a more narrative form if the details won't fit in the boxes provided on the form. Since you are a subscriber city, you do not need to send a copy of the form to Austin, just to the Region Office in Fort Worth.

Let me know if you have any additional questions regarding this form or follow up report. Also, you may save and use this form for any future unauthorized discharges that may occur from the collection system.

**Carol Moulton**  
**Environmental Investigator, Water Quality Program**  
**TCEQ Region 4 DFW**  
Direct: 817/588-5894  
Main: 817/588-5800  
Fax: 817/558-5701  
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<http://www.tceq.texas.gov/customersurvey>; or you can contact my supervisor directly at: [Greg.Diehl@tceq.texas.gov](mailto:Greg.Diehl@tceq.texas.gov)

**From:** Jeff Price [<mailto:jeff.price@mansfield-tx.gov>]  
**Sent:** Wednesday, November 04, 2015 10:57 AM  
**To:** Carol Moulton  
**Subject:** Mansfield SSO



Carol,

[Quoted text hidden]

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**TCEQ WQ Noncompliance Form 00501.doc**

69K

**Jeff Price** <jeff.price@mansfield-tx.gov>  
To: Carol Moulton <carol.moulton@tceq.texas.gov>

Mon, Dec 21, 2015 at 9:10 AM

I'm sorry, I thought you had received this already.

[Quoted text hidden]



**Noncompliance Notification 30 inch.pdf**



142K

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**Carol Moulton** <carol.moulton@tceq.texas.gov>  
To: Jeff Price <jeff.price@mansfield-tx.gov>

Mon, Dec 21, 2015 at 9:13 AM

Thank you very much for your quick response, Mr. Price.

Have a great week and happy holiday!

**Carol**

**817/588-5894**

**From:** Jeff Price [mailto:[jeff.price@mansfield-tx.gov](mailto:jeff.price@mansfield-tx.gov)]

**Sent:** Monday, December 21, 2015 9:10 AM

**To:** Carol Moulton <[carol.moulton@tceq.texas.gov](mailto:carol.moulton@tceq.texas.gov)>

**Subject:** Re: FW: Mansfield SSO

[Quoted text hidden]

