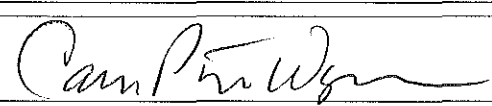


**Region 6 Compliance Assurance and Enforcement Division
INSPECTION REPORT**

Inspection Date(s):	03/30/2017		
Media:	Water		
Regulatory Program(s)	CWA 308[A][B]		
Company Name:	City of Grand Prairie Texas		
Facility Name:	City of Grand Prairie Public Works Department		
Facility Physical Location:	620 Small Street		
(city, state, zip code)	Grand Prairie, Texas 75050		
Mailing address:	620 Small Street		
(city, state, zip code)	Grand Prairie, Texas 75050		
County/Parish:	Dallas		
Facility Contact:	Jim Siddall	Water Utilities Operations Manager	
	jsiddall@gptx.org		
FRS Number:	110034308808		
Identification/Permit Number:	TXU000152		
Media Number:	NA		
NAICS:	221320		
SIC:	4952		
Personnel participating in inspection:			
David Long	USEPA/6EN-WM	Environmental Scientist	214.665.7323
Alan Vaughn	USEPA/6EN-WM	Environmental Engineer	214.665.7487
Jim Siddell	Grand Prairie Public Works	Operations Manager	972.237.8410
Barry Walsh	Grand Prairie Public Works	Water Utility Supervisor	972.237.8422
Cindy Mendez	Grand Prairie Environmental Services	Environmental Quality Manager	972.237.8225
Echo Rexroad	Grand Prairie Environmental Services	Senior Environmental Specialist	972.237.8082
EPA Lead Inspector Signature/Date	 {Inspector name}		11/29/2017 Date
Supervisor Signature/Date	 {Supervisor name}		11/29/17 Date

Section I – INTRODUCTION

PURPOSE OF THE INSPECTION

A U.S. Environmental Protection Agency (USEPA) program review inspection was conducted in the City of Grand Prairie Water Utility offices located at 620 Small Hill Drive, Grand Prairie, Texas 75050. 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 Grand Prairie'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 March 31, 2017 at the City of Grand Prairie Utility Services offices. The inspectors met with Jim Siddell, Water Utilities Operations Manager, and Barry Walsh, Utility Operations Supervisor. Additional City of Grand Prairie were also present and are listed in Appendix 1. 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.

PROGRAM DESCRIPTION

The City of Grand Prairie is approximately 81 square miles in size and includes a population of 184,620 residents which are provided wastewater services through approximately 378 miles of sewer lines. The wastewater collection system includes over 46,700 residential connections and 3,773 commercial connections, and 13 lift stations. The collection system is approximately 75 years old and it is believed that all lines have been replaced at least once over that time frame. Over 60 percent of the collection system is comprised of PVC pipe. The remaining system includes approximately 38 percent vitrified clay and smaller percentages each of ductile iron and other pipe material types. A Supervisory Control and Data Acquisition (SCADA) system is housed at the Water Utilities offices and continuously monitors the City's 13 lift stations and 40 manholes that have been equipped with satellite telemetry units. Otherwise, all lift stations are physically visited daily and in response to SCADA reports on problems occurring at any of their locations. In addition to the main SCADA desk at the Water Utility Offices, a second backup SCADA system is located at the Lakeridge Lift Station. While all lift stations are monitored, only three 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. In addition, the City of Grand Prairie owns 10 backup generators to power all lift stations in the event of total power failure.

The northern and central portions of the City of Grand Prairie collection system discharge to the Trinity River Authority's Central Wastewater Treatment Plant, but the southern portions discharge to the TRA Mountain Creek WWTP. The City of Grand Prairie wastewater collection system experienced eight SSOs in 2016, eight SSOs in 2015, and 17 SSOs in 2014. SSOs that occur from private laterals are investigated and the City of Grand Prairie provide free rotary routing of clogged private laterals to their residents. However, these overflows are not reported to the TCEQ, but records are maintained in a separate database which can provide the same information that is reported on a TCEQ SSO report form. Problem areas of the collection system, where SSOs occur more frequently, are placed on either a 30, 60, or 90-day preventative maintenance schedule and cleaned to reduce overflows. In addition, Grand Prairie has developed and regularly updates a Wastewater Master Plan to ensure capacity and condition of the collection system is maintained and annually exceeds the cleaning and maintenance of their collection system (CMOM requires 350,000 linear feet per year, but Grand Prairie cleans approximately 2.5 million linear feet annually). Finally, Grand Prairie expends approximately \$6 million dollars per year on their Asset Management Plan to cover operations and management, manhole rehabilitation projects, and emergency line maintenance and replacement. Grand Prairie also provides \$2 million per year for their Wastewater Master Plan to cover capital improvements. An additional \$5.7 million added to the 2017 budget to cover Texas Water Development Board "Green Projects."

As a contributor to a permitted wastewater treatment facility, the City of Grand Prairie is a subscriber to the TCEQ Sanitary Sewer Overflow Initiative and has developed various written protocols to meet the program's needs. These protocols include their CMOM, FOG (Fats, Oil, Grease) Ordinance to address grease waste from restaurants and private properties, and SSO response plans for both residential and commercial overflows. In addition, Grand Prairie has developed protocols and completed Sanitary Sewer Evaluation Surveys which included smoke and dye testing, and video examination of their collection system. The City of Grand Prairie currently uses contractors to provide CCTV service, however, a CCTV mobile unit has been funded and will be purchased in late 2017 or 2018.

Section II – OBSERVATIONS

Following the review of their SSO Program, the EPA inspectors requested site tours of Grand Prairie's SCADA (supervisory control and data acquisition) office and lift stations. A review of each of those sites revealed the following observations:

1. SCADA office: Grand Prairie 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 satellite equipped manholes. The SCADA office is also responsible for addressing all SSO related calls. Under their current SOP, all City Offices must forward SSO related call to the SCADA control desk for response. For collection system and lift station related issues, the SCADA desk operator has crews available to respond to emergency repairs, jet washing and vacuuming. The crews' trainings and activities are outlined in various

written SOPs and the EPA inspectors noted that all activities have well written SOPs to cover all aspects of this program.

2. Lift Stations: Lift stations are physically visited every day and are monitored 24/7 via the city's SCADA system. While only three of the city's 13 lift stations have their own backup power source, the City of Grand Prairie also has portable emergency generators for all 10 remaining lift stations (and portable pumps) and demonstrated sufficient ability prevent overflows via quick connection points at all of their lift stations.

Section III – AREAS OF CONCERN

At the conclusion of the inspection, the EPA inspectors met with the representatives from the City of Grand Prairie for an exit interview at 2:00 p.m. on March 31, 2017. At that time, the inspectors provided details of the inspection and reviewed and clarified information provided during the inspection. However, no issues were noted during this inspection and no additional follow-up should be required.

The inspectors exited the site at 2:30 p.m.

Section IV – FOLLOW UP

None required. A copy of the inspection report will be sent to the City of Grand Prairie contact, Jim Siddell, Grand Prairie Water Utilities Operations Manager.

Section V – LIST OF APPENDICES

Appendix 1 – Photo Log

Appendix 2 – City of Grand Prairie SSO Inspection Checklist

Appendix 3 - Meeting/Inspection Attendee List

Appendix 4 – City of Grand Prairie Supplied Documents

- A. 2015 SSO Initiative Annual Progress Report
- B. City of Grand Prairie SSO Response Plan
- C. TCEQ SSO Reports 2014 - 2017

Appendix 1

Photo Log

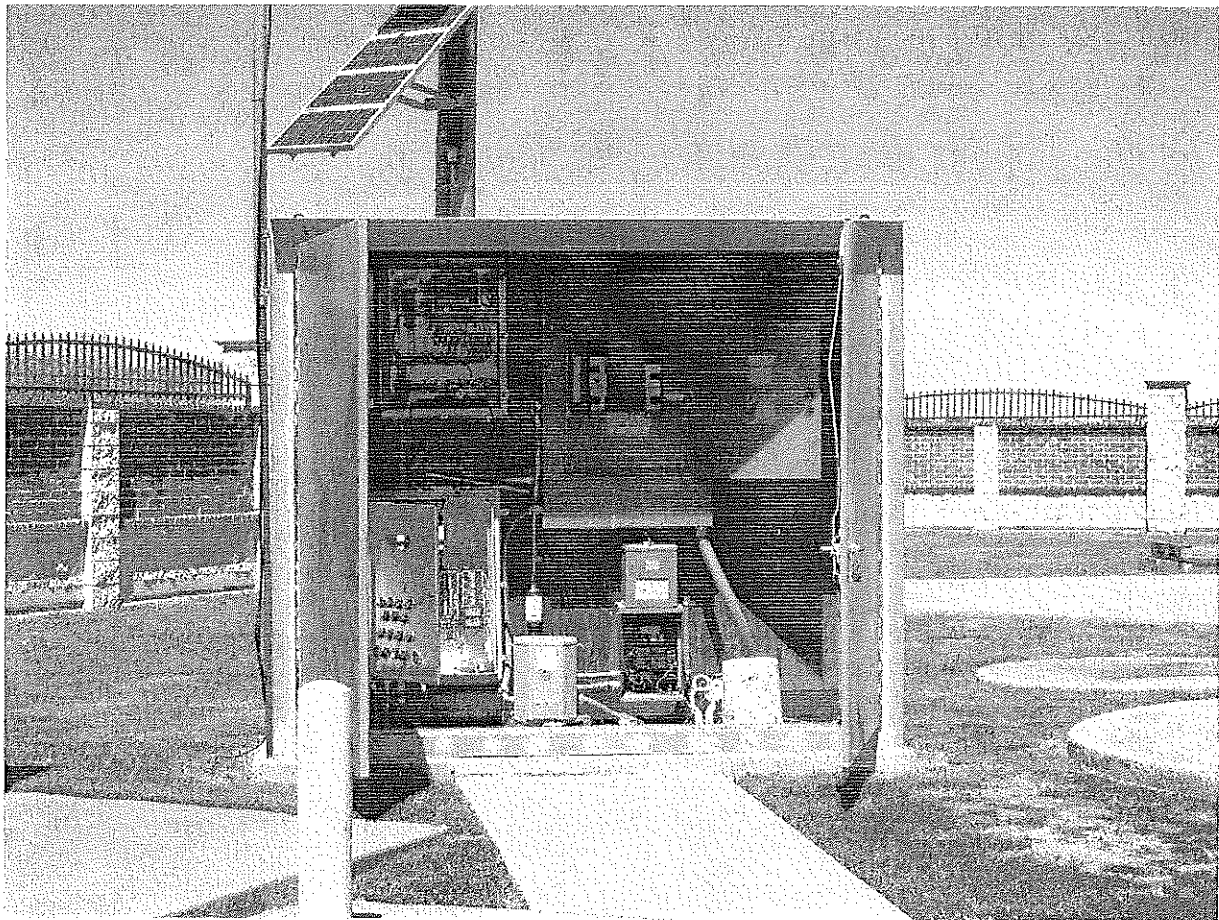


Photo File Name: P3300531.JPG

Date of Photo: March 30, 2017

Time of Photo: 1:13 p.m.

Photographer: David Long

Description: Control and SCADA monitoring controls for Lakeridge Lift Station and Emergency SCADA control center

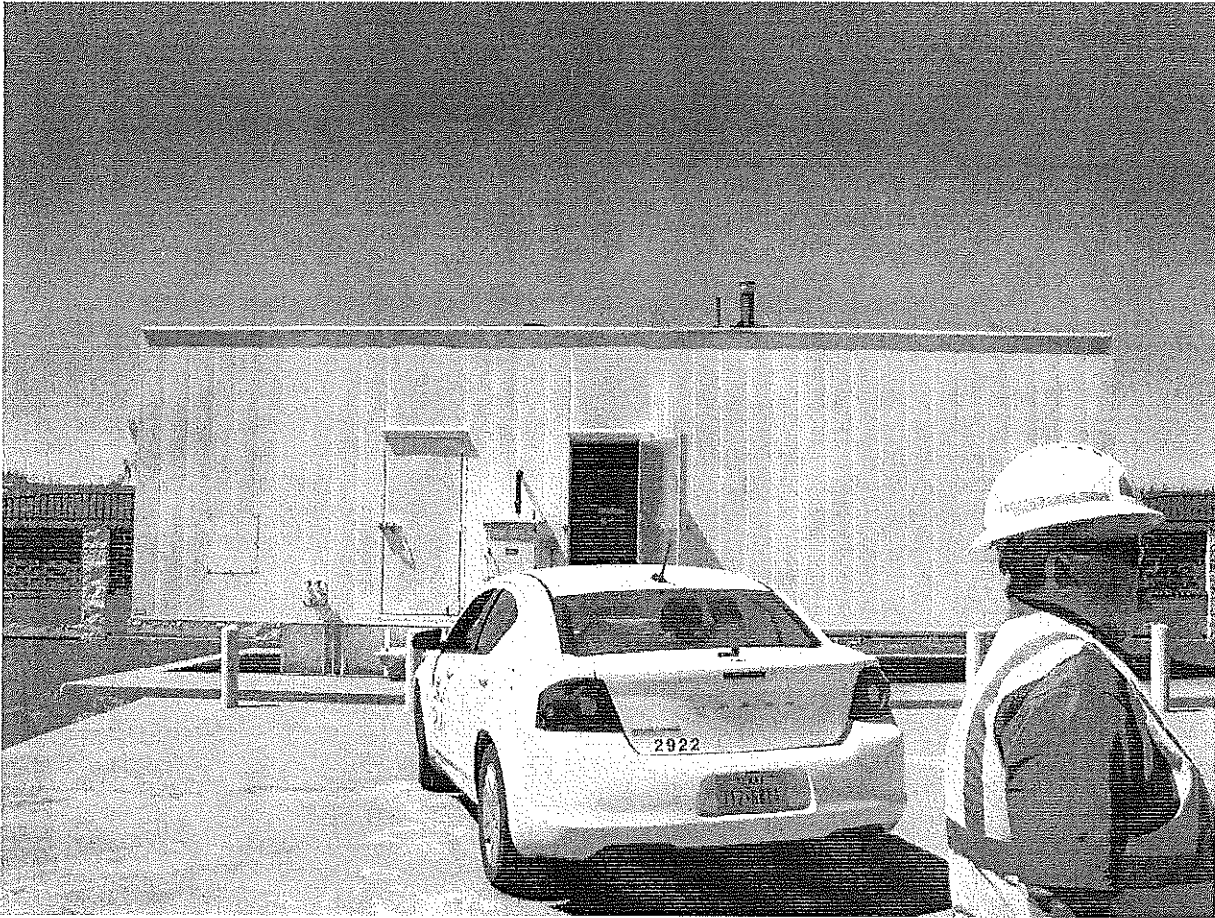


Photo File Name: P3300530.JPG

Date of Photo: March 30, 2017

Time of Photo: 1:13 p.m.

Photographer: David Long

Description: Emergency generator for Lakeridge lift station



Photo File Name: P3300528.JPG

Date of Photo: March 30, 2017

Time of Photo: 1:12 p.m.

Photographer: David Long

Description: Lakeridge lift station inside of decorative home facade

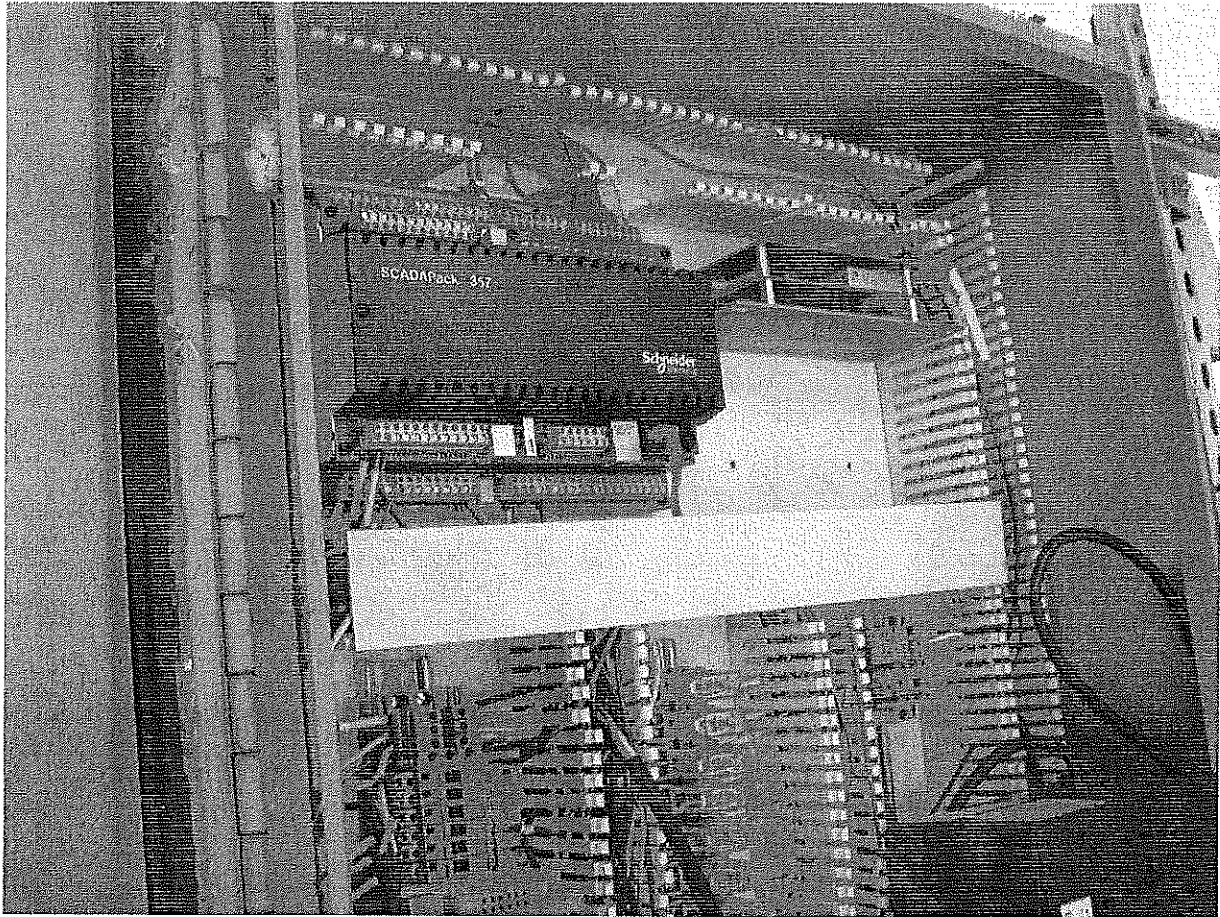


Photo File Name: P3300527.JPG

Date of Photo: March 30, 2017

Time of Photo: 11:24 a.m.

Photographer: David Long

Description: Close up of SCADA monitoring system at Performanceift station



Photo File Name: P3300526.JPG

Date of Photo: March 30, 2017

Time of Photo: 11:23 a.m.

Photographer: David Long

Description: Wastewater quick connect at Performance lift station

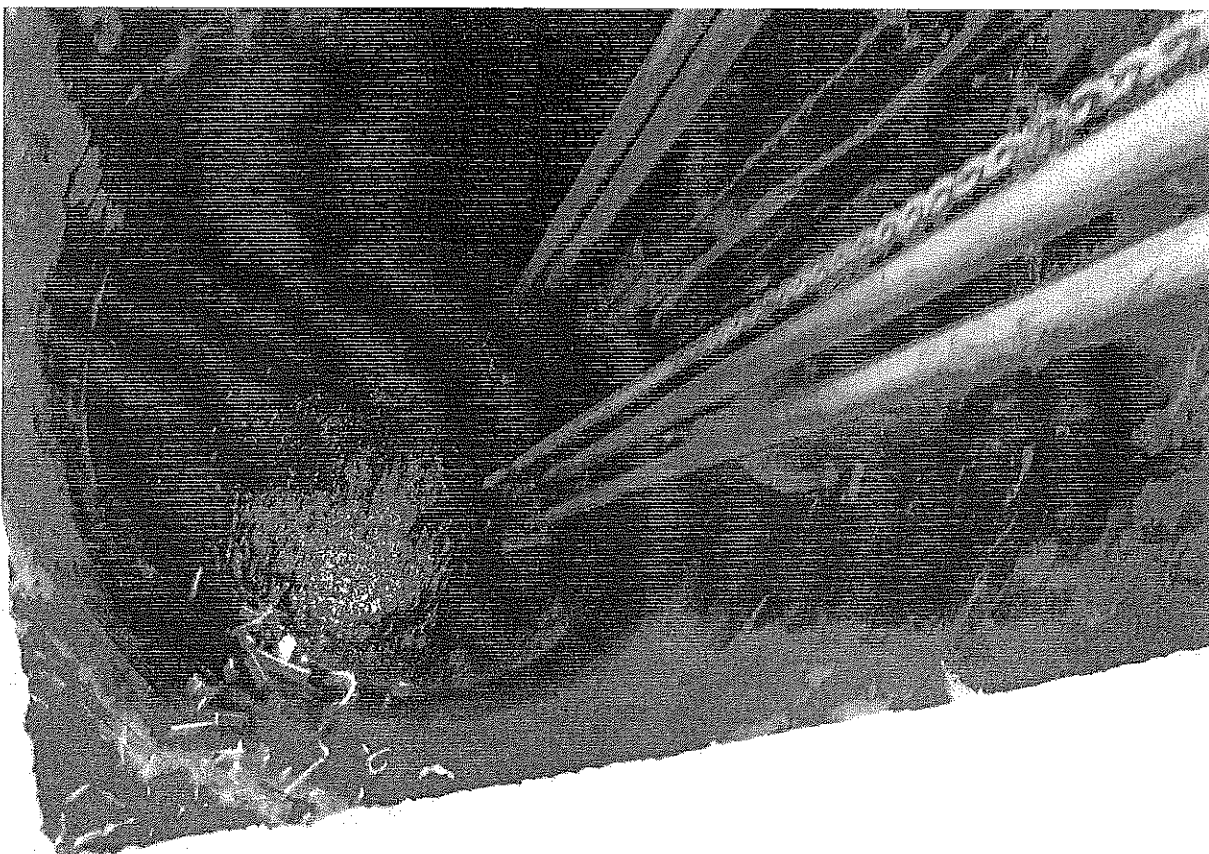


Photo File Name: P3300525.JPG

Date of Photo: March 30, 2017

Time of Photo: 11:22 a.m.

Photographer: David Long

Description: Wet well at Performance lift station – Note clean sides and lack of grease in well

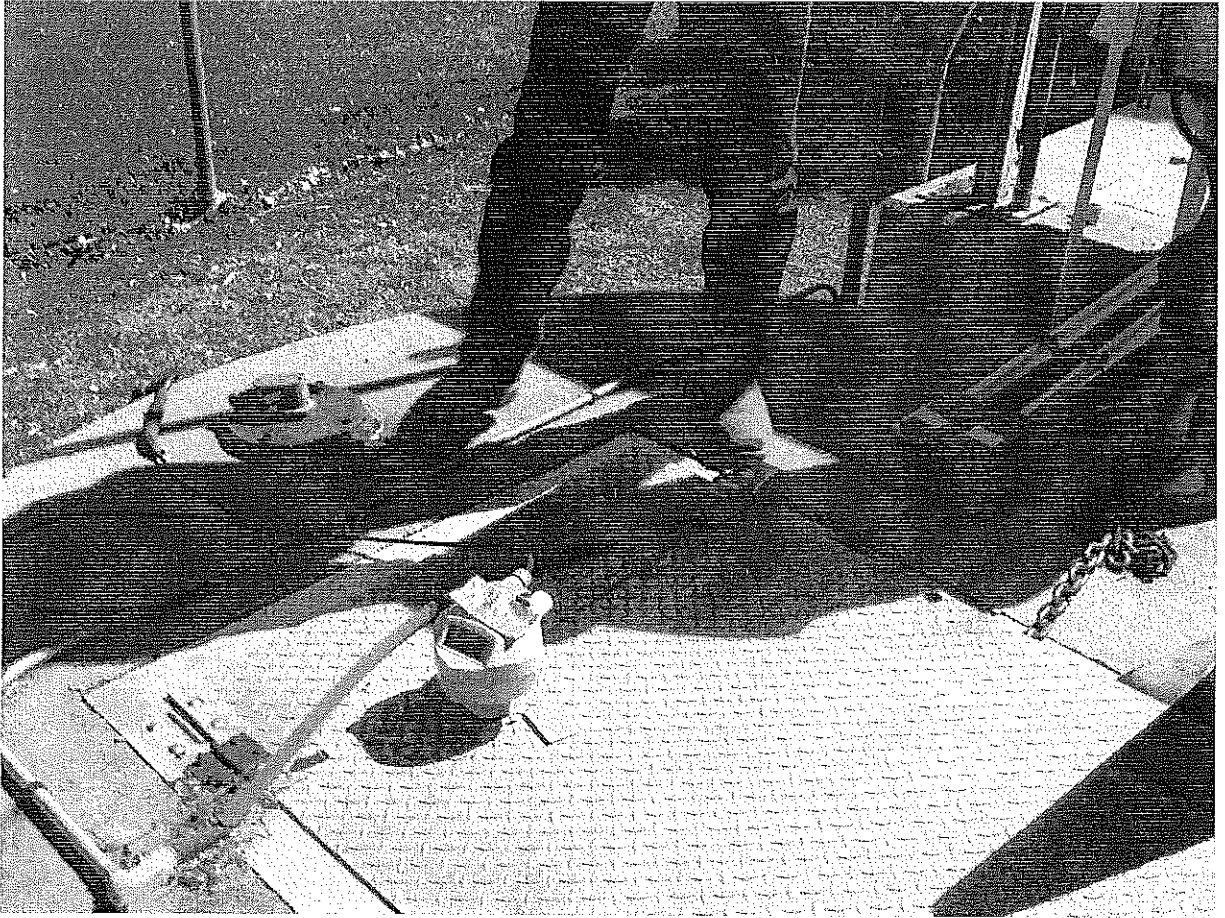


Photo File Name: P3300524.JPG

Date of Photo: March 30, 2017

Time of Photo: 11:21 a.m.

Photographer: David Long

Description: Sonar depth reader on Performance lift station wet well

Appendix 2
City of Grand Prairie SSO Inspection Checklist

EPA
SSO Inspection Checklist

3. Describe any known problems with the satellite collection system (hydraulic flow, wastewater concentration, ordinances, etc.)?

NA

4. Who is responsible for satellite systems, enforcement, and response?

NA

• Enforcement?

• Response?

Performance Indicators

1. Summarize the Capacity, Management, Operations, and Maintenance (CMOM) components utilized by the facility and satellite systems, if applicable:
Wastewater Master Plan Updated every 5 years. Annual wastewater line replacements \$2 million with an addition \$5.7 million on TWDB "green projects" list for 2017 (City Council Resolution and application approved on Sept. 20, 2016). Master Plan identified projects to remedy under capacity lines and maintenance priorities.

2. Does the utility participate in the TCEQ Sanitary Sewer Overflow Initiative (SSOI)? Yes

• 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 Routine Inspections/Maintenance?

• x Root Control?

• x Lift/Pump Stations?

• x Valve maintenance?

• x Fleet Management?

• x Clean-up?

• x Other? on call repair crews, regular evening crew.

4. Has an infiltration & inflow (I/I) analyses or sanitary system evaluation survey been performed? Yes

• If yes, describe (and provide a copy of any associated reports) Citywide I/I was evaluated as a part of the Wastewater Master Plan as copy of which is being sent herewith

• x Smoke Testing? Done periodically as needed by city staff.

• x Dye Testing? By city Staff as needed

• x CCTV? City staff as needed, some contract work.

• x Peaking Factors? Determined on each line as a part of Master Plan

• If not, why not?

5. Describe the sewer cleaning and inspection goals.

Daily preventative maintenance scheduled for grease control Various schedules for periodic cleaning as experience indicates-some lines on 30, 60 and 90 day schedules..

EPA SSO Inspection Checklist

- x Hot Spots? x Included in preventative maintenance
 - Annual Goals? 2,500,000 linear feet cleaned per year
6. Describe any training for receiving, documenting, and responding to sewer calls.
- Discharge Estimates? Chart for estimating pond volume and photos of Manholes overflowing with estimated volumes.
 - Safety/Confined Space? Annual training for all employees by TML and other certified safety professionals
 - Lockout/Tagout? Part of Safety Training Program
 - Reporting? Yes. 2x per year with wastewater operators
 - Treatment/Clean-up? Response by Utilities and Environmental Services –trained in bypassing lift stations out with portable pumps, dam up any spills into creeks pump into trucks to haul to sanitary sewer manholes and use of absorbent materials to clean up any residual sewage pumps could not get.
 - Services – first response by our personnel to determine if City or customer line stopped
 - Other? 24 Hour dispatch, stand-by crews
7. Describe any Asset Management process in place for the collection system.
- Completed in April 2016, the asset Management plan is an evaluation of the current wastewater collection assets operated by the City and Outlines a plan for addressing the replacement of aging pipelines in a programmatic fashion to ensure the system performance meets continuous service expectations. Can provide copy if needed-116 pages long.
8. Describe the funding status.
- Emergency Repairs: Included in Operations and Maintenance
 - Operation & Maintenance: \$4,500,000
 - Rehabilitation: \$1.5 million per year
 - Rates: Rate Study every year about \$5,000. Copy of current rates enclosed
 - Other?
9. Describe any formal approach to target areas for Capital Improvement Projects.
Wastewater Master Plan identifies Projects needing additional capacity. Deteriorated lines identified by O&M crews and replaced in Capital program (Rehabilitation). Also considered by consultant in Capital Improvements program as state in master plan. Use of Asset Management Plan.
10. Please provide any other relevant information.
 40 “smart cover” manhole lids to warn 24- Hour dispatcher of rising water in manholes via the SCADA System

CERTIFICATION

EPA SSO Inspection Checklist

8. Are all SSOs reported, regardless of size? Yes. If no, why not? _____

Lift/Pump Stations

- How many lift stations are in the system? 13 How many have backup power sources? 3 with permanent generators. We also have 10 portable generators for the smaller stations.
 - Describe: All have duplex pumps and by-passes for connecting an external pump from the wet well to the force main
1. Describe how pump/lift stations are inspected and monitored? Daily on-site inspection and alarms on SCADA system.
2. Is a SCADA system used? Yes If so, what parameters are monitored? wet well level, power, pump runs, emergency generators functionality ,intrusion alarms.
3. What provisions have been made for emergencies? 24 Hour Dispatch and SCADA monitoring, By-passes, emergency generators, and stand-by crews.
- Emergency Power? stand-by generators, 3 permanent on site, 10 portable with connections for generators
 - Critical Processes? Duplex pumps, secondary alternate (back-up) lift station at largest facility.
 - SCADA? Yes
 - Other? Back-up float, stock of spare parts and pumps. Redundant Force Main on largest Lift Station
4. Describe any automated emergency notification/response process. 24 hour dispatch, 24 Hours SCADA monitoring, SCADA Alarms, Stand-by Crews

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? NA
If _____ yes, _____ how?
NA

EPA
SSO Inspection Checklist

Name of Municipality Grand Prairie

Collection System Description

1. **Describe the collection system.** 378.4 miles of pipelines ranging in size from 4" diameter to 30" diameter. With about 3,020 inch-diameter miles. There are 5 major basins, each served by a TRA Interceptor. Within these basins are numerous sub-basins. The system serves nearly 185,000 customers with over 46,786 connections. The system overall has been in existence for over 75 years, but has significantly grown and most, if not all of the original piping has been replaced at least once. All of the city's lines connect to a TRA interceptor that transports sewage to the TRA Central Wastewater Treatment Plant, except in the area South of Joe Pool Lake, which is partially within the corporate limits, but mostly ETJ. This area is as yet undeveloped but the City has participated in the Construction of the Mountain Creek Treatment Plant which was subsequently dedicated to TRA. Much of this South Sector area is now provided with wastewater facilities that will discharge to the Mountain Creek Plant. However, there is currently no development in the area discharging to the plant. The ETJ area as well as the areas within the City are planned to be served by these facilities upon their development.
2. **What is the population of the service area:**
 - Number of residents 184,620
 - Commercial connections 3,773
 - Any septic systems? yes If yes, how many? unknown, estimated at
3. **How many miles of sanitary sewer mains are in the collection system?** 378.4
4. **What is the age of collection system?** 75+ varies with Development System began development over 75 years ago but original pipe mostly replaced and majority of City is much younger with newer infrastructure.
 - %VC $\approx$ 38.69%
 - %DI $\approx$.36%
 - %PVC $\approx$ 60.28%
 - %Other $\approx$.70%
5. **Does the collection system experience problems during dry weather?** yes
Describe or provide documentation: Some stoppages due to root growth and grease being addressed with a regular preventative maintenance program and line replacements every budget year
6. **Does the collection system experience problems during wet weather?** yes
Describe or provide documentation: Surcharging of the TRA interceptors backing up into our system. Similar on-going issues with roots and grease intrusions as in dry weather
7. **What is your sanitary sewer overflow (SSO) notification procedure?** TCEQ Notification within 24 hours by Fax and Voicemail.
What is reported? All overflows and sanitary sewer losses from the system regardless of volume or location. Estimated Volume, duration, location, action taken and clean-up methods.

EPA
SSO Inspection Checklist

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

Signature

Print name and Title

Appendix 3

Meeting/Inspection Attendee List

Name of City

Grand Prairie

Date 3/31/2017 Time 08:50 AM

[illegible]

Initials/Date _____/_____

Appendix 4A

2015 SSO Initiative Annual Progress Report



October 12, 2015

Order Compliance Team
C/O Bryan Sinclair, Manager
Enforcement Division, MC 149A
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087

RE: 2015 Annual Progress Report – SSO Initiative

Dear Mr. Sinclair and Colleagues:

Please accept this report in compliance with the annual reporting requirement per provision number 10 in the City of Grand Prairie's SSO Initiative Agreement dated October, 5, 2006. As you will note this letter provides a chronology that will allow you to easily look at the previous years' activities and provides an update for the immediate past year as distinguished by colored fonts..

To date the following provisions have been addressed either fully or partially:

Provision #1 Hydraulic Model Update – Executive Director recognizes the City has conducted a comprehensive evaluation of the system in 2002 and updates in 2005 (since the Agreement was approved a 2007/2008 Updates were performed as detailed below).

- No further action was required. However, the City has gone beyond this requirement with periodic updating of the model occurring as needed considering city growth and system changes. A 2007 update was completed and referenced in the 2007 report, resulting in some of the priority projects being changed as it indicated they may be when the original initiative was submitted in October, 2006 and in the 90 day update in January 2007. The 2007 Model Update has been further refined in 2008 by re-modeling the identified target projects utilizing flow monitoring during storm events and gathering actual field data (actual elevation data from manholes, to determine pipe slope, rather than assumption of a minimum slope as was previously done, resulting in a more accurate capacity determination). This has resulted in additional information and a reprioritization of projects, including an actual reduction the number (and total cost) of projects that were previously reported as having capacity issues. An excerpt from the Model Update performed by our consultant, *Espey & Associates* is provided herewith.

2009 Update: An attachment to the 2008 Annual Progress Report labeled "Table 6.06: CIP Comparison" was taken from a DRAFT CIP update performed by Espey & Associates dated June 2008. Subsequent to submittal of that Progress Report in October, 2008, the FINAL CIP update was submitted by Espey and Associates in November, 2008. Table 6.6 in this final version differs somewhat from the earlier draft and is enclosed herewith. You will note that the final table identifies projects 14,19,20,29,1 and 7 for a total estimated cost of \$1,930,000. Details on the status of these projects are included below under Provision #2 , 2009 update.

2010 Update:

No further updates of the hydraulic model necessary at this time, in regard to SSOs. However, an update was done in 2010 for the purpose of impact fee assessments and no additional overflow potential was noted.

2011 Update:

An analysis of the West Joe Pool Lake Service Area was performed and the hydraulic model updated for that area.

2012 Update

The hydraulic model was used to further analyze the system and identified the potential for SSOs in an outfall line. We have obtained a TWDB loan to replace and rehabilitate the line. That project is in design now and will be constructed in 2013.

2013 Update

The TWDB loan to rehabilitate the outfall line identified in 2012 has been approved and the project fully designed. However, TWDB has not yet responded on their review of the plans. As soon as we get the plans approved we will be receiving bids and going forward with Construction. This should eliminate any potential overflows on this line.

2014 Update

Construction is underway for the outfall line identified as a potential SSO source. It Was discovered that much of the SSO potential was actually located in a line owned by the City of Dallas but used exclusively by Grand Prairie. With Dallas' agreement, this line is included in the rehab project. In addition, an additional TWDB loan was obtained to rehab several other lines discovered as having potential overflow problems. These lines are now in design and a contract award is expected in 2015.

2015 Update

After construction was begun on the Grand Prairie and Dallas Lines (Fargo Project), we discovered that additional problems causing back-ups are located in the Trinity River Authority's

trunk line that receives flow from the Dallas line. TRA is now rehabilitating that line but estimates 15-17 weeks for its' replacement. In spite of the poor condition of the TRA line, we have not had any SSOs in 2015 at this location. Bids have been taken and construction authorized on the additional lines mentioned above. These should be completed within this Fiscal year.

We have undertaken an update of the Wastewater Master Plan which will be finished in early 2016 which will update the hydraulic models and identify any new capacity issues.

Provision #2 – Improvement projects identified during the 2005 hydraulic model update:

The original SSO Agreement (dated October 12, 2006) called for the City to do capacity improvements by constructing 20 projects totaling \$8.3 million over a ten year period. This was based on information from the 2005 Wastewater Master Plan Report indicating that such would effectively eliminate all capacity related overflows (You will note on the attachment that there were actually \$13.9 million in recommended system improvements, however, only \$8.3 million of these were capacity issues that might cause an overflow in the 5-year storm). As noted above, and shown on the attached excerpt from the report, the most recent model update has revealed a significantly reduced number of projects and cost (8 projects remaining at an estimated cost of \$2,360,000). This is partially because of projects completed and partially because of the model update utilizing actual field elevations to determine line capacities.

Based on this new data, priorities have been realigned and the following applies to the new project numbers as shown in the reprioritization (see attached spreadsheet).

- Projects 1,7,13, and14– A design contract for these projects was awarded by the City Council on Sept. 16, 2008. These projects will result in elimination of an estimated 12,950 gallons for I/I during the 5 year storm.
- Project 10 –This project had a measured SSO of 3,080 gallons during the 5 year storm. However, field investigations, including an internal CCTV examination shoed the line to be in good condition with the extraneous flow cause by a manhole lid off adjacent to an airport runway. The lid was replaced.
- Project 19 – This project is erroneously included in the report because of loading due to a lift station back up into the line (no overflows experienced). The problem is corrected by changing the pump runs times on the lift station.
- Project 20- Further investigation of this proposed project revealed that periodic overflows were actually caused by downstream condition of a City of Dallas/Trinity River Authority Line and upgrade of the Grand Prairie portion would not correct the problem. We are working with Dallas and TRA to resolve this issue.
- Project 29 – This project was recommended for Phase 2 by the consultant, as being needed by 2015. We will propose this project for the 2010 budget.

Construction on the above projects is scheduled for completion in late 2009.

2009 update: Project numbers 1 (Carrier Parkway- Hill St. to Roman Rd.), 7 (3rd St. Dorris to TRA line) and 13 (IH -30 west of 27th St.), all recommended for improvement by 2015, have been designed and anticipated to be under construction by November, 2009. Project 29 (Hensley Main St. to Bowles), discussed above in the 2008 update is recommended for replacement after 2020 in the final report (2015 in the earlier draft report). Because of this and current economic restraints, it is not included in 2010 projects as indicated above. We have not experienced any capacity problems or overflows on this line. Project 14 (Carrier Parkway I-20 to Bardin) is not being done. During design, it was discovered that capacity restriction was due to a point restriction that was repaired by in house crews.

2010 Update: Reference the attached Table 6.06 from our November 2008 Wastewater Master Plan Report. Project number 1 (Carrier Parkway – Hills St to Roman Road) has been completed. Project 7 (3rd St.- Dorris to TRA line) is under construction and nearing completion. Completion is anticipated in early 2011. These two projects addressed 4,203 linear feet of pipe that was shown on the model to be under required capacity. Project 13 (IH 30 west of 27th St.) was delayed because of planned development in the area and is being designed in conjunction with new street paving in the area. It should be constructed in 2011, upgrading an additional 3,176 linear feet of under capacity line.

In addition to the priority overflow projects listed on Table 6.06 above, some 22,023 linear feet in sanitary sewer line rehab was completed in 2009 due to structural problems that could have caused pipe line failure and subsequent overflows.

In addition to the above a new 9 MGD lift station on Lake Ridge Parkway was constructed to replace an old station that was approaching its' capacity limits.

2011 Update: Project 13 (I-30 west to 27th St. is currently under construction and will be completed this Fiscal Year, replacing 3,176 L.F. of under capacity line. Project 29 (Hensley-Main St. to Bowles) recommended for replacement by 2015 and considered for replacement in the 2010 and 2011 programs) has been further deferred due to budgetary constraints. No actual overflows have been experienced on this line. It is on a weekly maintenance program and being monitored regularly.

2012 Update: Project #20 (Fargo to TRA POE) was the subject of a TWDB "green" project which was approved during FY 12 by the TWDB and is currently under design. Construction is expected to occur in the late summer of 2013. The agreement called for this line to be addressed by 2015. The last remaining Project #29 Hensley Main St. to Bowles is being targeted for FY 2014.

2013 Update:
Project #20 has yet to be bid due to several delays in the design process See comments in provision #1 above.

2014 Update:

Project #20 construction is underway. Several additional small projects, identified by our on-going modeling efforts has resulted in a TWDB loan and are now in design

2015 Update:

See above explanation (under Provision #2) of the Fargo Project and Miscellaneous wastewater line replacements related to the TWDB loan. We expect the new Wastewater Master Plan to be completed in 2016 to identify and additional wastewater lines with capacity or structural issues that could result in SSOs.

We have additionally purchase and installed 50 “smart” manholes lids on lines with potential overflows due to reoccurring grease, structural or capacity issues that alerts our SCADA operators water is rising in the manholes allowing crews to respond before the manhole overflows. We had a total of 6 overflows in 2015.

Provision #3 – Public Education Programs Relating to Grease Control:

- Since October 07 - Movie Theater Ads – 105 times a week @26 screens (same as last year)

[Note we have changed these still ads to an animated message using a Department mascot – “Professor G.P. Goodwater”.]

Water Bill Inserts – Oct – Feb. Grease Messages

Newsletter Articles – 5

Newspaper Ads – 32 ads

Booth Set Ups – 7 booths,

Giveaways (advertising Grease control) – 1200+

Grease Control Door Tags Distributed – 700+

Civic Group Presentations – 1

Grease Control Door tags Distributed – 700+

2009 Update:

In 2008, 628 gallons of cooking oils and greases were collected at City Household Hazardous Waste Collection Events.

In 2009 so far, the City has collected 700 gallons of cooking oils.

In 2008. The City posted a video on the proper disposal of Cooking Oil developed through the North Central Texas Regional Stormwater Council on our website for viewing. In 2009, it will be run on the City's cable network channel.

In 2009, the City, in partnership with the North Texas Grease Abatement Council, developed and distributed a video entitled “Cease the Grease” for apartment complex managers.

In 2009, Environmental Quality published an article in a newsletter (see attached) on Sanitary Sewer Overflows. This newsletter, called "Food for Thought" is distributed to 1,000 food service managers a year.

Environmental Quality has a web page devoted to information on Cooking Oils at: <http://www.gptx.org/index.aspx?page=825>

2010 Update:

Water bill inserts, booths, Civic group presentations, Newsletter articles, giveaways, etc. have continued at approximately the same level as in previous years (established, regular, ongoing program)

The 2010 grease control program is reviewed in the attached two page document labeled "October 2010 Grease Control Awareness Program".

Our Environmental Services Department has levied 27 fines for failure to properly maintain grease traps.

9970 pounds of grease/cooking oil has been collected at our Household Hazardous Water events.

Environmental Services has distributed 1000 refrigerator magnets and 500 brochures promoting grease control and keeping it from the sewers.

GP PW Mascot- Professor Goodwater at Exhibits shows

Grease Control- Door Tags

Grease tags are placed on neighborhood doors in the vicinity of every restriction call

4 Mobile Flush Truck Units with Grease Control Message (24/7)

Grand Prairie Street Map and Website Advertising from July 2010-January 2012

New Movie Theater Contract- 1 year -Commercial Ads- October thru February- Grease Control Ad all 26 screens (both theaters). July- Mid October alternate between theaters w/outdoor conservation message)

October 2010- February 2011 Advertising -- GP Newsletter
Pipeline, Grand Design and Website

New Grease Control 2011 Calendar Magnets

City Hall-east and west wing
Development Center

Library

2011 Update:

Posted "Know Where It All Goes" video at
<http://www.gptx.org/Modules/ShowDocument.aspx?documentid=2095>

Collected 10,600 lbs of used cooking oil/grease at HHW events during 2011.

Distributed 300 Grease Release door hangers in neighborhoods where SSOs have occurred.

- December 2010-** **Advertising- Chamber of Commerce Community Directory and Referral Guide.**
- February 2011** **Clean and Green Campus Meeting- GPISD Science Teachers Meeting- Gave WWTR Brochures and Coloring Books, Crayons Jar openers**
- March 2011** **Newcomer's Packets- 250 Packets-** including WWTR brochures, Coloring booklets, pens, pencil, jar openers, calendar magnets with WWTR Message- 'Don't Clog the Main Keep Grease from the Drain'.

 New Employee Orientation- (NEO) 28 Packets include WWTR Message- water bottles, pens, pencils, brochures, calendar magnets
- April 2011** **PW Booths:**
 Summit Escapade- Grease calendar Magnets, key chain holders, water bottles, oven mittens
 Coin purses, Chip Clips, jar openers, Wastewater brochures, pens, pencils, tape measures, calculator rulers and fat free sewer brochures)

 Arbor Day Grease calendar Magnets, key chain holders, water bottles, oven mittens
 Coin purses, Chip Clips, jar openers, Wastewater brochures, pens, pencils, tape measures, calculator rulers and fat free sewer brochures)

 Rain barrel Class-Farmer's Market- Jar Openers

 Spring Fling- Farmer's Market- Grease calendar Magnets, key chain holders, water bottles, oven mittens

Coin purses, Chip Clips, jar openers, Wastewater brochures, pens, pencils, tape measures, calculator rulers and fat free sewer brochures)

May 2011

Cinco De Mayo Grease calendar Magnets, key chain holders, water bottles, oven mittens

Coin purses, Chip Clips, jar openers, Wastewater brochures, pens, pencils, tape measures, calculator rulers and fat free sewer brochures)

May fest- Grease calendar Magnets, key chain holders, water bottles, oven mittens

Coin purses, Chip Clips, jar openers, Wastewater brochures, pens, pencils, tape measures, calculator rulers and fat free sewer brochures).

July 2011

Rain barrel Class- Farmer's Market- Jar Openers

White Rock Water Association- GP Host- Giveaway Door Prizes

NEO Packets- 22 packets include WWTR Message- water bottles, pens, pencils, brochures, calendar magnets

August 2011

Newcomer's Packets 250 including WWTR brochures, Coloring booklets, pens, pencil, jar openers, calendar magnets with WWTR Message- 'Don't Clog the Main Keep Grease from the Drain'.

September 2011

Grease Release Billboard -I/30 & I/20 Professor Goodwater

Taste of Grand Prairie Community Spotlight-

Grease calendar Magnets, key chain holders, water bottles, oven mittens

coin purses, Chip Clips, jar openers, Wastewater brochures, pens, pencils, tape measures, calculator rulers and fat free sewer brochures)

October 2011

National Night Out In Westchester- Home Owners Association
Grease calendar Magnets, key chain holders, water bottles, oven mittens

coin purses, Chip Clips, jar openers, Wastewater brochures, pens, pencils, tape measures, calculator rulers and fat free sewer brochures).

Truck a Treat- Bowles Life Center- Grease calendar Magnets, key chain holders, water bottles, oven mittens

coin purses, Chip Clips, jar openers, Wastewater brochures, pens, pencils, tape measures, calculator rulers and fat free sewer brochures).

Mathew Road Baptist Church- Fall Carnival- Grease calendar Magnets, key chain holders, water bottles, oven mittens coin purses, Chip Clips, jar openers, Wastewater brochures, pens, pencils, tape measures, calculator rulers and fat free sewer brochure

2012 Update:

- 1) Distributed 1,000 "Food for Thought" Newsletter (Spring 2012) to food managers during food inspections which included article "Grease Trap Tips." Newsletter is published in English and Spanish and can be found online at: <http://www.gptx.org/Modules/ShowDocument.aspx?documentid=6043>
- 2) Distributed over 200 Grease Release door hangers in neighborhoods where SSOs have occurred.
- 3) Collected approximately 8,400 lbs. of used cooking oils/greases at Household Hazardous Waste Events from January – September 2012.
- 4) Linked to new video entitled "Cease the Grease: Home Edition" through city website at www.gptx.org/index.aspx?page=825

FY 2012 PW Grease Control Awareness Program: "Don't Clog the Main; Keep Grease From the Drain"

October 1, 2011- October 2012- Door Tags

Grease door tags are placed on neighborhood doors on every restriction call

October 2011- Added another mobile Flush Truck unit-advertising with the grease message

October 1, 2011- Commercials on existing Cinema Media contract
(26 screens-July 30- Mid October (outdoor and Grease control commercials alternate between theaters (Movie 10 and Movies 16)

October 1, 2011- Carter Blood Drive
(2012 Grease calendar Magnets)

Order Compliance Team, TCEQ

October 21, 2011- Framer's Market Festival

Booth (grease control calendar Magnets, key chain holders, water bottles, coin purses, Chip Clips, Jar openers, Wastewater brochures, Fat Free sewer brochures, pens and pencils)

October 30, 2011- Truck a Treat

(Grease calendar Magnets, key chain holders, water bottles, coin purses, Chip Clips, jar openers, Wastewater brochures, pens, pencils, tape measures, calculator rules)

November 2011– January 2012- message on customer water bill regarding grease during the holidays

April 14, 2012- Rain barrel class

(Grease Control message water bottles) 50 barrels and 55 customers

April 21, 2012- Spring Fling at Framer's Market

Grease calendar Magnets, key chain holders, water bottles, oven mittens coin purses, Chip Clips, jar openers, Wastewater brochures, pens, pencils, tape measures, calculator rules)

April 28, 2012- Main Street Festival- Green Kitchen set- ups giveaway (with the grease control message on them) in addition to the others: spatula, veggie peeler, measuring cup, measuring spoons, flexible cutting board, water mugs, oven mits, pens, pencils, Grease calendar Magnets, key chain holders, water bottles medicine tracker, coin purses, Chip Clips, jar openers, Wastewater brochures, pens, pencils, tape measures, calculator rules)

April 2012- New Employee Orientation

(new employee giveaway bags-fat free sewer brochures, oven mittens, pens, chip clips and coin purses)

April 30, 2012- Arbor day Celebration

Grease calendar Magnets, key chain holders, water bottles, oven mittens coin purses, Chip Clips, jar openers, Wastewater brochures, pens, pencils, tape measures, calculator rulers and fat free sewer brochures)

May 5, 2012- Cinco De Mayo-Kitchen set-ups: Grease calendar Magnets, key chain holders, water bottles, oven mittens coin purses, Chip Clips, jar openers, Wastewater brochures, pens, pencils, tape measures, calculator rules)

May 12, 2012- Crawfish Boil-giveaway items

May 19, 2012- Mayfest 8:00am-3:30pm

Order Compliance Team, TCEQ

Grease calendar Magnets, key chain holders, water bottles, oven mittens coin purses, Chip Clips, jar openers, Wastewater brochures, pens, pencils, tape measures, calculator rulers and fat free sewer brochures)

June 2012 –Rain barrel class

Jar openers and calendar magnets

June 16, 2012- Car Show at Farmer's Market- giveaway items

July 14, 2012- Tacos and Tejano Festival- PW Giveaways

July 2012-

July 2012-January 2013- Grand Prairie Street Map and Website

Advertising

Paid Grand Prairie Detailed Street Map Advertising and negotiated 18 mo. free advertising on Chamber of Commerce Website.

August 18, 2012- Hatch Chile Festival- giveaways

September 14, 2012- Rain barrel class

Jar openers, water bottles

September 27, 2012- Taste of Grand Prairie and Community Spotlight

Booth (2011 grease control calendar Magnets, key chain holders, water bottles, coin purses, Chip Clips, Jar openers, Wastewater brochures, Fat Free sewer brochures, pens, pencils, Calculator, Tape Measures, Organizers, Spoon Rest, Jar Openers, Coffee Mugs, Thermals, Water Bottles, Lunch Bags, Coin purses and ice scrapers

October 2, 2012 – Carter Blood Drive- jar openers w/ grease message

October 2012- Ordered salad lunch container with Grease control message to go with the other kitchen utensils giveaways

October 2012- ordered 2013 Calendar magnets w/ grease control calendar message, will be placed in

City Hall- east and west end
Development Center counter
Library
Landfill

October 2012-February 2013-Advertising w/grease message

Order Compliance Team, TCEQ

Grand Prairie Newsletter- Pipeline, Grand Design, website

October 20, 2012- scheduled for Pumpkin Craze event- grease info

October 31, 2012 – scheduled for Mathew Road Baptist Church and the City of Grand Prairie Event (2 booths of giveaways) Halloween night

October 2012- Negotiating New Movie Theater Contract -Commercials Ads- grease control

October- December -Grease Commercials all 16 screens, lobby area and internet IMBD info screen

October 2012- Household hazardous waste event at city development center- customers are invited to bring their grease among other items.

November 2012– January 2013- message on customer water bill regarding grease during the holidays

December 2012- Advertising

Paid Chamber of Commerce Community Directory and Referral Guide

2013 Update

October 1, 2012- October 2013- the following is all year long

Fulltime –Public Works Education Coordinator

GP Goodwater-Water Mascot dressed in Profess Einstein motif- customers can contact him at GPGoodwater@gptx.org

Grease Control Door Tags

Grease door tags are placed on neighborhood doors on every restriction call City's

Household Hazardous Waste Event throughout the year (based on registration) Supermarket Buggy's Advertisement (Kroger's)

"Don't Clog the Main; Keep Grease From the Drain"

Mobile Flush Trucks Units

4 Units with Grease message

September 2012-January 2014- Grand Prairie Street Map and Website Advertising

Paid Grand Prairie Detailed Street Map Advertising and negotiated 18 mo. free advertising on Chamber of Commerce Website.

Specific dates:

October 1, 2012- Commercials on existing Cinema Media contract

Order Compliance Team, TCEQ

(26 screens-July 30- Mid October (outdoor and Grease control commercials alternate between theaters (Movie 10 and Movies 16)

October 04, 2012- Carter Blood Drive-Giveaways
(2013 Grease calendar Magnets and 2013 Football Schedules with WWTR Message)

October 06, 2012- Rain barrel class
(2013 Grease Control Calendar Magnets/ 2013 Football Schedules with WWTR Message)

October 13, 2012 Farmer's Market Festival
Booth (grease control calendar Magnets, 2013 Football Schedules, key chain holders, water bottles, coin purses, Chip Clips, Jar openers, Wastewater brochures, Fat Free sewer brochures, kitchen utensils, cutting boards, spatulas, veggie peeler, pens and pencils)

October 19, 2012- 50's Expo
GP Summit- PW Booth Giveaways
Booth (grease control calendar Magnets, 2013 Football Schedules, key chain holders, water bottles, coin purses, Chip Clips, Jar openers, Wastewater brochures, Fat Free sewer brochures, kitchen utensils, cutting boards, spatulas, veggie peeler, pens and pencils)

October 20, 2012-Farmer's Market- Pumpkin Run
Booth (grease control calendar Magnets, 2013 Football Schedules, key chain holders, water bottles, coin purses, Chip Clips, Jar openers, Wastewater brochures, Fat Free sewer brochures, kitchen utensils, cutting boards, spatulas, veggie peeler, pens and pencils)

October 31, 2012 Truck a Treat
(Grease calendar Magnets, 2013 Football Schedules, key chain holders, water bottles, coin purses, Chip Clips, jar openers, Wastewater brochures, kitchen utensils, cutting boards, spatulas, veggie peeler, pens, pencils, tape measures, calculator rules)

November 1, 2012 -New Employee Orientation (NEO)
Giveaways with Grease Control Message-(new employee giveaway bags-fat free sewer brochures, oven mittens, pens, chip clips, kitchen utensils, cutting boards, spatulas, veggie peeler and coin purses)

December 1, 2012-Emergency Management Seminar
Shady Grove Church- PW Booth

March 28, 2013- New Employee Orientation (NEO)

Order Compliance Team, TCEQ

Giveaways with Grease Control Message-(new employee giveaway bags-fat free sewer brochures, oven mittens, kitchen utensils, cutting boards, spatulas, veggie peeler, pens, chip clips and coin purses)

April 13, 2013- Rain barrel Class
(2013 Grease Control Calendar Magnets/ jar openers)

April 17-18, 2013- Employees Work Zone Safety
Giveaways –Cups and mugs with WWTR Message

April 24, 2013- Lockheed Martin Employee Health Fair
2013 Grease calendar Magnets, key chain holders, water bottles, oven mittens coin purses, Chip Clips, jar openers, Wastewater brochures, and kitchen utensils, cutting boards, spatulas, veggie peeler, pens, pencils, tape measures, calculator rulers and fat free sewer brochures)

April 26, 2013- Arbor day Celebration
2013 Grease calendar Magnets, key chain holders, water bottles, oven mittens coin purses, Chip Clips, jar openers, Wastewater brochures, pens, pencils, tape measures, and calculator rulers, kitchen utensils, cutting boards, spatulas, veggie peeler and fat free sewer brochures)

May 4, 2013- Cinco De Mayo Celebration
2013 Grease calendar Magnets, key chain holders, water bottles, oven mittens coin purses, Chip Clips, jar openers, Wastewater brochures, pens, pencils, and tape measures, calculator rulers kitchen utensils, cutting boards, spatulas, veggie peeler and fat free sewer brochures)

May 18, 2013- Mayfest 8:00am-3:30pm
2013 Grease calendar Magnets, key chain holders, water bottles, oven mittens coin purses, Chip Clips, jar openers, kitchen utensils, cutting boards, spatulas, veggie peeler, Wastewater brochures, pens, pencils, tape measures, calculator rulers and fat free sewer brochures)

June 22, 2013 –Grand Peninsula
Neighborhood Association Event Outreach
2013 Grease calendar Magnets, key chain holders, water bottles, oven mittens coin purses, Chip Clips, jar openers, Wastewater brochures, pens, pencils, tape measures, calculator rulers and kitchen utensils, cutting boards, spatulas, veggie peeler, and fat free sewer brochures)

July 2, 2013- Child Care Network- Tour of Water Utilities /Wastewater Giveaways
2013 Grease calendar Magnets, key chain holders, water bottles, oven mittens coin purses, Chip Clips, jar openers, Wastewater brochures, pens, pencils, tape measures, calculator rulers and kitchen utensils, cutting boards, spatulas, veggie peeler, fat free sewer brochures)

Order Compliance Team, TCEQ

July 6, 2013- Housing and Neighborhood Services

Homeownership Fair Booth (grease control calendar Magnets, 2013 Football Schedules, key chain holders, water bottles, coin purses, Chip Clips, Jar openers, Wastewater brochures, Fat Free sewer brochures, kitchen utensils, cutting boards, spatulas, veggie peeler, fat free sewer brochures)

July 13, 2013- Purple Martin Annual Meeting – Giveaways

kitchen utensils, cutting boards, spatulas, veggie peeler,

August 2013- Ordered additional Grease Control Door tags

August 10, 2013-Pediatric Adolescent Center Back to School Health Fair

2013 Grease calendar Magnets, key chain holders, water bottles, oven mittens coin purses, Chip Clips, jar openers, Wastewater brochures, pens, pencils, tape measures, calculator rulers and kitchen utensils, cutting boards, spatulas, veggie peeler, fat free sewer brochures)

September 1, 2013- Put out 2014 grease control calendar magnets.

City Hall- east and west end
Development Center counter
Library
Landfill

September 12, 2013 – Carter Blood Drive- WWTR giveaways

September 14, 2013- Rain barrel class

Jar openers, new 2014 magnetic calendars

September 26, 2013- Taste of Grand Prairie and Community Spotlight

Booth (2014 grease control calendar Magnets, key chain holders, water bottles, coin purses, Chip Clips, Jar openers, Wastewater brochures, kitchen utensils, cutting boards, spatulas, veggie peeler, Fat Free sewer brochures, pens and pencils)

October 2013-February 2014-Advertising

Grand Prairie Newsletter- Pipeline, Grand Design, website

October 2013- New Movie Theater Contract -Commercials Ads

October- December -Grease Commercials 16 screens)

December 2013- Advertising

Paid Chamber of Commerce Community Directory and Referral Guide
For 12 months

Order Compliance Team, TCEQ

Distributed over 250 Grease Release door hangers in neighborhoods where SSOs have occurred.

- 5) Collected approximately 7,000 lbs. of used cooking oils/greases at Household Hazardous Waste Events from January – September 2013.

Linked to video entitled "Cease the Grease: Home Edition" through city website at www.gptx.org/index.aspx?page=825

2014 Update:

Due to the Water Utilities Public Information Coordinator leaving in mid-2014 under less than favorable conditions, we do not have an accounting of our Public Education Efforts. However, the efforts by the Utility were similar to those of 2013 up until April 2014, so the amount of information distributed, while still underway, was curtailed by the absence of this person to approximately half of the previous year.

Additional efforts by the Environmental Services Dept. included:

- 1) Distributed over 300 Grease Release door hangers in neighborhoods and 2 apartment complexes (Willow Tree Apartments and Fox Hollow Apartments) where SSOs have occurred.
- 2) Collected approximately 3,000 lbs. of used cooking oils/greases at Household Hazardous Waste Events from January -- September 2014.
- 3) Linked to video entitled "Cease the Grease: Home Edition" through city website at www.gptx.org/index.aspx?page=825.
- 4) Website information on cooking oils located at www.gptx.org/index.aspx?page=825.
- 5) Hand out Household Hazardous waste magnets at health fairs and to household hazardous waste participants (over 1,500 a year total) that promote that we collect cooking oils.



- 6) Hand out brochures entitled "Fat Free Sewers" in English and Spanish at environmental fairs and health fairs, approximately 200 per year.

2015 Update:

We have employed a new Public Information Officer allowing us to more aggressively pursue the Public Education Program. The following Public education is reported for 2015:

1. 9 booths have been set up over the last twelve months at various events throughout the City.

-Street N Treat (Farmer's Market) - Oct	-Westchester HOA
Block Party - June	
-Arbor Day (Kirby Creek Nature Center) - Nov	-GetFit Guy's Night
Out (Airhogs Ballpark) - June	
-Soup's On For Love (GPISD) - Feb	-Housing's Homeownership
Fair (RJC) - Aug	
-Earth Day (63rd Reserve Support Command) - April	-Flight of the
Monarch 2015 (Central Park) - Sept	
-Main Street Fest - April	

I think our involvement in city-sponsored community events is important because we get the opportunity to educate our citizens and businesses by making them aware of the importance of our programs such as water conservation, grease control, brush pick up, and street/sidewalk repairs. Most citizens do not know what Public Works does and we have to explain what our department does and they are always surprised at all we do and offer them.

I did find that the HOA block parties did not have enough attendance which made it not really worth coming out to these community events. Having to pay over-time to the UCS ladies to come and help out is not worth it.

2. Presentations given, including rain barrel classes

I have given 2 presentations this past year. We had 1 rain barrel class in June 2015 which was a huge success with almost 20 participants. The participants loved the art (painting the barrels). One other class was scheduled prior but the class in March was canceled due to the barrels not being delivered on time (inclement weather up north).

Also, I gave a presentation at the Managers & Supervisors Training on Leadership in July 2015.

3. Estimated number of brochures, giveaways promoting our goals

Over the last 12 months I have given out over 1000 brochures regarding water conservation (indoor & outdoor), xeriscaping, and grease control.

Giveaways having related messages are listed below:

Order Compliance Team, TCEQ

450-pens
600-pencils
450-chip clips
450-jar openers
300-bottle openers
500-eyeglass cleaners
50-coffee tumblers
20-aluminum water bottles
20-fruit fusion acrylic cups
50-small water bottles
100-stress relievers
200-water drop shaped notepads
300-gliders
400-bookmarks
20-green coffee mugs
200-cellphone adhesive pockets
100-sunglasses
70-tire air gauges
50-coasters
200-stress relievers
100-school kits
25-school calculators
30-light up balls
250-mood kid cups
200-nylon bags

Environmental Services Dept. Grease Control Efforts:

- 1) Distributed over 200 Grease Release door hangers in neighborhoods where SSOs have occurred.
- 2) Collected approximately 5,000 lbs. of used cooking oils/greases at Household Hazardous Waste Events from January – September 2015.
- 3) Linked to video entitled “Cease the Grease: Home Edition” through city website at www.gptx.org/index.aspx?page=825
Website information on cooking oils located at
www.gptx.org/index.aspx?page=825
See below for copy of website info.

Cooking Oils

Font Size [Share & Bookmark](#) [Feedback](#) [Print](#)

Environmental Quality | 206 W. Church St., 2nd Floor | P.O. Box 534045 | Grand Prairie, TX 75053
Phone 972-237-8055 | Fax 972-237-8228



Video (.mov)

What should I do with my used cooking oil and why?



Trouble viewing videos?
[QuickTime Free Download](#)

Don't Get Clogged!

Fats, oils and grease and food scraps don't mix well with water. When flushed, these materials can build up and block the entire sewer pipeline and cause raw sewage overflows into your home, lawns, streets, parks and rivers which creates health risks, destroys the environment, and costs YOU money.

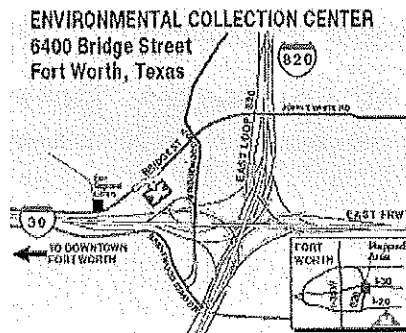


Wondering what to do with your used cooking oil?

The Environmental Collection Center at 6400 Bridge St. in Fort Worth will accept waste oil and other household hazardous waste at no charge to Grand Prairie residents (bring proof of residency) Thursday through Friday, 11 a.m. to 7 p.m., or Saturday at 9 a.m. to 3 p.m. Please feel free to call 817-871-5257 for more details.



Don't feel like driving to Fort Worth? Grand Prairie residents may register for the next Household Hazardous Waste collection event by calling The City of Grand Prairie Environmental Quality Division at (972) 237-8055 or by clicking



- 5) Hand out Household Hazardous waste magnets at health fairs and to household hazardous waste participants (over 1,500 a year total) that promote that we collect cooking oils.



- 6) Hand out brochures entitled "Fat Free Sewers" in English and Spanish at environmental fairs and health fairs, approximately 200 per year.

Provision #6

- 1) Between January and September 2015, 30 citations have been written to food establishments for failure to pump their grease traps in accordance with our ordinance. Currently, \$2,730 has been paid in fines and 9 cases are pending in municipal court.
- 2) Approximately 208 oil and grease samples were collected from industrial facilities with a total of 3 violations.

Provision #4 – Preventative Maintenance (sewer line cleaning/degreasing)

- Since October 2007 – 2,496,690 linear feet cleaned (1,000,000 required). This compares to 1,436,067 last year. We also rehabilitated 8 manholes and televised 50,960 linear feet of wastewater lines (no requirement). 17,954 L.F. were televised last year.

2009 Update:

Preventative Maintenance (sewer line cleaning/degreasing)

Since October 2008 (through Aug 30 2009) 2,227,109 linear feet cleaned (1,000,000 required). This compares to 2,496,690 feet last year. We also rehabilitated/replaced 83 manholes and televised 79,810 feet of wastewater lines (no requirement) 50,960 were televised last year.

2010 Update:

Preventive Maintenance (cleaning) of Sanitary Sewer mains in 2010 was 2,475,404. Linear Feet televised was 47,150. All manholes associate with the wastewater main replacements documented above were replaced.

2011 Update:

Preventive Maintenance (cleaning) of Sanitary Sewer mains in 2011 was 305,681 linear feet. Linear Feet televised was 68,351.

2012 Update:

Preventive Maintenance: 2,850,500 linear feet of sewer main cleaned, 104,510 L.F. of service lines cleaned and 86,607 L.F. televised

2013 Update

Preventative Maintenance: 2,322,373 linear feet of sewer mains cleaned; 113,271 L.F. Service lines Cleaned and 81857 LF televised.

2014 Update:

An enhanced preventative maintenance program that cleaned 3,480,648 linear feet of sewer mains this year as compared to only 2,322,373 linear feet last year.

2015 Update:

We cleaned 2,421,048 linear feet of sewer lines during our preventative maintenance program this year. This is down from the previous year, less frequent cleaning is necessary due to line replacements and better grease control. Another factor is a new work order system that separates line stoppage relief from preventative main cleaning, which were counted together in the old work order system..

Provision #5 – Additional of Preventative Maintenance Crew and Equipment

The additional crew and equipment were acquired and accounts for the significant increase in footage cleaned this year. This completes this provision.

Provision # 6 – Food Ordinance & Grease Fines:

- A revised food establishment ordinance was prepared and passed by the City Council in 2007 that specifies the frequency of grease trap pumping required. Window fines for grease violations have been increased from \$450 to \$1,000. This completes this provision.

2009 Update:

In 2009 so far, Environmental Quality has issued 12 citations for failing to pump a grease trap within the required timeframe.

2011 Update:

- 1) Since January 2011, 18 citations were written to food establishments for failure to pump the grease trap in accordance with our ordinance.
- 2) Over 300 oil and grease samples were collected from industrial facilities this year, including food manufacturers, and only 8 violations were found. 3 citations were issued.

No sample exceeded 328 mg/L. This is a direct result of our strict enforcement policies for violating our ordinance.

2012 ate:

- 1) Since January 2012, 20 citations have been written to Food establishments for failure to pump their grease traps in accordance with our ordinance.
- 3) Over 250 oil and grease samples were collected from industrial facilities with a total of 8 violations. 668 mg/L was the highest amount found in discharge from our monitored facilities.
- 4) \$3,192 in fines has been collected from 3 oil and grease citations in 2012 thus far.

2013 ate:

- 1) Between January and September 2013, 25 citations have been written to food establishments for failure to pump their grease traps in accordance with our ordinance.
- 2) Over 200 oil and grease samples were collected from industrial facilities with a total of 17 violations.
- 3) \$1,064 in fines has been collected from 1 oil and grease citation in 2013 thus far. Four cases are pending court dates and 2 facilities are on compliance agreements to come into compliance.

2014 Update:

- 1) Between January and September 2014, 20 citations have been written to food establishments for failure to pump their grease traps in accordance with our ordinance. Currently, \$4060 has been paid in fines and 9 cases are pending in municipal court.
- 2) Approximately 214 oil and grease samples were collected from industrial facilities with a total of 18 violations.
- 3) Since January 2014, \$6,132 in fines has been collected from 5 oil and grease citations in 2014 issued to industrial facilities. Four cases are pending court dates. Eight Notice of Violations were issued to industrial facilities for violations.

Provision #7 – Software to Monitor System Hydraulics

The city has purchased *Infoworks CS 9.0* from Wallingford, inc. in order to monitor system hydraulics and run “what if” scenarios. One of our senior engineers has been trained in the use of this software and we also have retained a consultant to assist as needed. This completes this provision.

Provision #8 –In Fiscal year 2010, the City shall reevaluate the effectiveness of the preventative maintenance program and if needed, add additional preventative crew and equipment.

2012 Update: The PM program has resulted over the past three years has in a reduction from .075 overflows per mile of pipe to .017 overflows per mile or a 77 % reduction

Provision #9 – Evaluation of Effectiveness of Grease Control Program on an Annual Basis

- In FY 06 (Oct. 05 Through Sept. 06) there were 62 SSOs, 42 (68%) of which were grease related. There were 624.3 miles of pipe in the system, with .099 overflows per mile.
- In FY 07 (Oct. 06 To date) there have been 43 SSOs, 24 (56%) of which were grease related. There were 643.5 miles of pipe in the system, with .067 overflows per mile.
- In FY 08 (Oct. 07 through Sept. 08) there have been 43 SSOs, 31 (72%) of which were grease related. There are 676.9 miles of pipe in the system, with .063 overflows per mile.

2009 Update:

In FY 09 (Oct 08 through Aug 09) there have been 47 SSOs, 31 (66%) of which were grease related. There are 623 miles of pipe in the system, with .075 overflows per mile.

2010 Update:

In FY 10 there have been 37 overflows, a reduction of 21% from the previous year

2011 Update: The number of mainline stoppages was down from 211 to 112. Total annual overflows were 25 compared to 37 the previous year (32% reduction).

2012 Update:

During FY 2012 there were 23 SSOs on the system, 11 were caused by grease, an 8% reduction from the previous year. There were 134 main line stoppages an increase from 2011. There are 632 miles of Sanitary sewer with .017 overflows per mile

2013 Update:

During FY 2013 there were 19 SSOs, a 17% reduction from the previous year. There were 173 main line stoppages, an increase of 29%, although few resulted in overflows. There are miles of sanitary sewer mains with overflows per mile. We believe the

increased stoppages were due primarily to a reduction in preventative maintenance cleaning of 22% necessary due to equipment maintenance and work load issues.

2014 Update:

During 2014 there were 20 SSOs, about the same as the previous years. However, there were only 36 main line stoppages, a reduction of 79%. This dramatic reduction is the direct result of an enhanced preventative maintenance program that cleaned 3,480,648 linear feet of sewer mains this year as compared to only 2,643,831 linear feet last year. There are 745.8 miles of sanitary sewer lines resulting in .026 overflows per mile.

Update for 2015:

There were only 9 SSOs during FY 2015 due to continued progress in replacing mainlines, concentration on grease control and the use of smart lids on manholes.

Provision #10 – Progress Reports

Previous updates were submitted on January 12, 2007 and October, 2007. This is the 2008 Annual Report.

This is the 2009 Update, created by annotating the 2008 Report.

A 2010 Update was provided..

2011 -Annual Updates are being provided.

This is the 2012 Update.

This is the 2013 Progress Report

2014Update is contained herein

2015 update supplied herein

Provision #11 – Certification of Compliance with Provisions #2 through #10 by 12/31/2016

- This provision is not due until 2016.

Provision #12 Extensions

- No extensions have been requested or anticipated at this time.

Order Compliance Team, TCEQ

I believe the above information covers all of the information needed/required for the 2015 Annual Progress Report. Please contact me at the addresses/phone listed below if you need further information, more detail or would like clarification.

Thank you.

Sincerely,

Ron McCuller
Public Works Director
206 W. Church Street
P.O. Box 534045
Grand Prairie, Texas 75053-4045
rmcculle@gptx.org
(972)237-8066 telephone
(972) 237-8116 fax

CC: Anna Doll, Deputy City Manager
Jim Cummings, Environmental Services Director
Doug Cuny, Customer Service Manager
Jim Siddall, Operations Manager

Appendix 4B
City of Grand Prairie SSO Response Plan



**City of Grand Prairie
Department of Utility Services
Environmental Services/Water Quality**

**SANITARY SEWER OVERFLOW RESPONSE PLAN
Revision Level C/December 2004**

I. AUTHORITY

Texas Administrative Code §319.301 through §319.303: Subchapter C Public Notice of Spills or Accidental Discharges from Wastewater Facilities Owned or Operated By Local Governments.

II. GENERAL

The Sanitary Sewer Overflow Response Plan (SSORP) is designed to ensure that every report of a confirmed sewage overflow is immediately dispatched to the appropriate crews and City departments so that the negative effects on public health, will be minimized. The SSORP further includes safety provisions pursuant to the directions provided by the TCEQ and notification and reporting requirements to the appropriate local, state and federal authorities. For purposes of this SSORP, "confirmed sewage spill" is also sometimes referred to as "sanitary sewer overflow," "overflow," or "SSO." The effective date of this plan is June 1, 2000.

A. Objectives

The primary objectives of the SSORP are to protect public health and the environment, satisfy regulatory agencies and waste discharge permit conditions which address procedures for managing sewer overflows, and minimize risk of enforcement actions against the City of Grand Prairie.

Additional objectives of the SSORP are as follows:

- Provide appropriate customer service;
- Protect wastewater treatment plant and collection system personnel;
- Protect the collection system, wastewater treatment facilities, and all appurtenances; and
- Protect private and public property.

This plan shall not supersede existing emergency plans or standard operating procedures (SOPs) unless directed by the Director of Utility Services and/or Director of Environmental Services.

B. Organization of Plan

The key elements of the SSORP are addressed individually as follows:

Section III	Sanitary Sewer Overflow Response Procedure
Section IV	Public Advisory Procedure
Section V	Regulatory Agency Notification Procedure
Section VI	Media Notification Procedure
Section VII	Distribution and Maintenance of SSORP

III. OVERFLOW RESPONSE PROCEDURE

The Overflow Response Procedure presents a strategy for the City of Grand Prairie to mobilize labor, materials, tools, equipment and personnel to correct or repair any conditions causing or contributing to an unpermitted discharge. The plan considers a wide range of potential system failures which could create an overflow to surface waters, land, or buildings.

A. Receipt of Information Regarding an SSO

An overflow may be detected by utility employees or by others. The Utility Dispatch Center is primarily responsible for receiving phone calls from the public of possible sewer overflows from the wastewater collection system, and for forwarding work orders to the Wastewater Collection Division.

Telephone calls from the public reporting possible sewer overflows are received by utility dispatchers at the Water Utility Administration Building, 620 Small Hill, Grand Prairie, TX. The emergency phone line is staffed 24 hours per day, 365 days a year. Additionally, the City of Grand Prairie has several programs for educating the public to report overflows they observe and the phone number to be called. The procedure for these calls is as follows:

1. The telephone operator obtains and records all relevant information available regarding the overflow on a Water Utilities General Work Order (Appendix A-1) which includes:
 - a. Time and date call was received;
 - b. Specific location;
 - c. Description of problem;
 - d. Time possible overflow was noticed by the caller;
 - e. Caller's name and phone number;
 - f. Observations of the caller (e.g., odor, duration, back or front of property); and
 - g. Other relevant information that will enable the responding investigator and crews, if required, to quickly locate, assess and stop the overflow.

2. The staff receiving the call records the overflow information, creates a General Work Order, and records the dispatch to the crew onto the Radio Dispatch Log (Appendix A-2).
3. Pump station failures are monitored and received by Utility Dispatchers through the Utility's Supervisory Control and Data Acquisition (SCADA) system. The operator on duty immediately conveys all information regarding alarms to Utility Field Staff to initiate the investigation.
4. Sewer overflows detected by any personnel in the course of their normal duties are reported immediately to the utility dispatcher. Dispatching personnel record all relevant overflow information and dispatch appropriate field personnel and additional response crews as needed.
5. Utility field personnel confirm the overflow. Until verified, the report of a possible spill will not be referred to as a "sanitary sewer overflow."
6. If the "sanitary sewer overflow" reaches U.S. waters, then the dispatcher informs the Environmental Services Department during regular business hours at (972) 237-8055. After hours, the dispatcher will call Emergency Dispatch at 8700 and request that Environmental Services be contacted. U.S. Waters is defined as lakes, ponds, impounding reservoirs, springs, rivers, streams, creeks, and all other bodies of surface waters, and including the beds and banks of all watercourses and bodies of surface water, that are wholly or partially inside the jurisdiction of the state.

B. Dispatch of Appropriate Crews to Site of Sanitary Sewer Overflow

Failure of any element within the wastewater collection system that threatens to cause or causes an SSO triggers an immediate response to isolate and correct the problem. Crews and equipment are available to respond to any SSO locations. Crews are immediately dispatched to any site of a reported SSO. Also, additional maintenance personnel on-call are continuously available in the event extra crews are needed.

1. Dispatching Crews

- a. Dispatchers receive notification of sewer overflows as outlined in Section A "Receipt of Information Regarding an SSO" and dispatch a crew leader and/or the appropriate crews and resources as required.
- b. Dispatchers notify the appropriate supervisor through radio communications and written activity log regarding sewer overflows and field crew locations.

2. Contact with Environmental Services Department

- a. The Environmental Services Department will be notified of all SSOs to US Water during regular business hours and after hours. The on-call Specialist will respond to all SSOs to US waters over 250 gallons.
- b. Information to be provided to the Environmental Specialist by the Utility Dispatcher:
 1. Location of SSO – including county
 2. Start and Stop time of SSO
 3. Amount discharged
 4. Discharge route and whether it reached a storm drain or water body
 5. Cause of overflow (i.e. grease, roots)
 6. Whether sewage is recoverable
 7. Action that utility took (i.e. open hydrant, dam creek)
 8. When the line will be pulled down.

3. Crew Instructions and Work Orders

- a. Dispatchers contact responding crews by radio, phones or pagers (for after-hours responses). Utility Services receives instructions from crew leaders or their supervisors regarding the appropriate crews, materials, supplies, and equipment needed.
- b. Dispatchers verify that the entire message has been received and acknowledged by the crews who were dispatched. Follow all standard communications procedures. All employees being dispatched to the site of an SSO proceed immediately to the site of the overflow. Report any delays or conflicts in assignments immediately to the supervisor for resolution.
- c. In all cases response crews report their findings, including possible damage to private and public property, to Utility Dispatch and the Wastewater Collection Field Supervisor immediately upon making their investigation. If Utility Dispatch has not received findings from the field crew within one hour of being dispatched, the Utility Dispatcher contacts the response crew to determine the status of the investigation.
- d. The Utility Dispatcher refers all pertinent information to the next shift, including any details of the problems described by customers.

4. Additional Resources

- a. The Wastewater Collection Field Supervisor receives and conveys to appropriate parties requests for additional personnel, material, supplies, and equipment from crews working at the site of a sewer overflow.

5. Preliminary Assessment of Damage to Private and Public Property

- a. The focus is to resolve the problem. The response crews use discretion in assisting the property owner/occupant as reasonably as they can. Be aware that the City of Grand Prairie could face increased liability for any further damages inflicted to private property during such assistance. The response crew can, under appropriate circumstances, enter private property for purposes of assessing damage. Take appropriate still photographs and video footage, if possible, of the outdoor area of the sewer overflow and impacted area in order to thoroughly document the nature and extent of impacts. Forward available photographs to the Wastewater Collection Section of the Utility Services Department for filing with the Water Utility Sanitary Sewer Overflow Report (Appendix A-3).

6. Field Supervision and Inspection

- a. The supervisor of the crew leader who confirmed the sewer overflow, visits the site of the overflow, if possible, to ensure that provisions of this overflow response plan and other directives are being met.
- b. The supervisor of the crew leader is responsible for confirming that the Water Utility Sanitary Sewer Overflow Report is provided to the Wastewater Collection Division of the Utility Services Department and the Environmental Services Department within the specified time.

7. Coordination with Hazardous Material Response

- a. If a suspicious substance (e.g., oil sheen, foamy residue) is found on the ground surface, or should a suspicious odor (e.g., gasoline) not common to the sewer system be detected, the crew leader or response crew immediately contacts central dispatch at (972) 237-8400. Central dispatch will notify Emergency Dispatch at (972) 237-8700. The dispatcher will notify the supervisor. Anytime a suspected hazardous material has been discharged to the environment, Emergency Dispatch will contact the on-call Environmental Specialist to respond.
- b. Should the supervisor determine the need to alert the hazardous material response team, the crew leader or crew will await the arrival

of the Environmental Services Department's on-call specialist, the City contracted hazardous material response team or fire department to take over the scene. **Any vehicle engine, portable pump or open flame (e.g., cigarette lighter) can provide the ignition for an explosion or fire should flammable fluids or vapors be present. Keep a safe distance and observe caution until assistance arrives. All vehicles shall be kept up-wind of the suspected fluids or vapors.**

- c. Upon arrival of the Environmental Services Specialist, hazardous material response team, or Fire Department, the crew leader or crew takes direction from the incident commander (usually a battalion chief of the Fire Department). Only when that authority determines it is safe and appropriate for the crew leader and crew to proceed will they then proceed under the SSORP with the containment, clean-up activities and correction.

C. Overflow Correction, Containment, and Clean-Up

Sanitary Sewer Overflows (SSO) of various volumes occurs from time to time in spite of concerted prevention efforts. Spills may result from blocked sewers, pipe failures, or mechanical malfunctions among other natural or man-made causes. The City of Grand Prairie is constantly on alert and ready to respond upon notification and confirmation of an overflow.

This section describes specific actions to be performed by the crews during an SSO.

The objectives are:

1. To protect public health, environment and property from sewage overflows and restore surrounding area back to normal as soon as possible;
2. To establish perimeters and control zones with appropriate traffic cones and barricades, vehicles or use of natural topography (e.g., hills, berms);
3. To promptly notify the regulatory agency's communication center of preliminary overflow information and potential impacts;
4. To contain the sewer overflow to the maximum extent possible including preventing the discharge of sewage into surface waters; and
5. To minimize the City of Grand Prairie's exposure to any regulatory agency penalties and fines.

Under most circumstances, the City of Grand Prairie handles all response actions with its own maintenance forces. They have the skills and experience to respond rapidly and in

the most appropriate manner. An important issue with respect to an emergency response is to ensure that the temporary actions necessary to divert flows and repair the problem do not produce a problem elsewhere in the system. For example, repair of a force main could require the temporary shutdown of the pump station and diversion of the flow at an upstream location. If the closure is not handled properly, sewage system backups may create other overflows.

Circumstances may arise when the City of Grand Prairie would benefit from the support of private-sector construction assistance. This may be true in the case of large diameter pipes buried to depths requiring excavation, sheet piling and de-watering. The City of Grand Prairie may also choose to use private contractors for open excavation operations that might exceed one day to complete.

1. Responsibilities of Response Crew Upon Arrival

The responsibility of the first personnel arriving at the site of a sewer overflow is to protect the health and safety of the public by mitigating the impact of the overflow to the extent possible. Should the overflow not be the responsibility of the City of Grand Prairie but there is imminent danger to public health, public or private property, or to the quality of waters of the U.S., then the City of Grand Prairie takes prudent emergency action until the responsible party assumes responsibility and provides actions. Upon arrival at an SSO, the response crew:

- a. Determines the cause of the overflow, e.g. sewer line blockage, pump station mechanical or electrical failure, sewer line break, etc.;
- c. Identifies and requests, if necessary, assistance or additional resources to correct the overflow or to assist in the determine of its cause;
- d. Contacts the Environmental Services Department at (972) 237-8055. They may be reached on a 24-hour basis through 911 Emergency Dispatch at (972) 237-8700.
- e. Determine if the overflow has reached US waters or if it may have reached US water through a storm drain. Attempt to divert flow away from any waterways.
- f. Takes immediate steps to stop the overflow, e.g. relieves pipeline blockage, manually operates pump station controls, repairs pipe, etc. Extraordinary steps may be considered where overflows from private property threaten public health and safety (e.g., an overflow running off of private property into the public right-of-way); and
- g. Requests additional personnel, materials, supplies, or equipment that will expedite and minimize the impact of the overflow.

2. Initial Measures for Containment

Upon arrival to an SSO, the response crew should initiate measures to contain the overflowing sewage, and recover sewage, which has already been discharged, minimizing impact to public health or the environment by:

- a. Determining the immediate destination of the overflow, e.g. storm drain, street curb gutter, body of water, creek bed, etc.;
- b. Identifying and requesting the necessary materials and equipment to contain or isolate the overflow, if not readily available; and
- c. Taking immediate steps to contain the overflow, e.g., block or bag storm drains, recover through vacuum truck, divert into downstream manhole, etc.

3. Additional Measures Under Potentially Prolonged Overflow Conditions

In the event of a prolonged sewer line blockage or a sewer line collapse, set up a portable by-pass pumping operation around the obstruction.

- a. Take appropriate measures to determine the proper size and number of pumps required to effectively handle the sewage flow.
- b. Implement continuous or periodic monitoring of the by-pass pumping operation as required.
- c. Address regulatory agency issues in conjunction with emergency repairs.
- d. The Environmental Services Staff may help determine the extent of the impairment to a water body through water quality field testing such as pH monitoring, ammonia field tests, and dissolved oxygen monitoring.

4. Cleanup

Overflow sites are to be thoroughly cleaned after an overflow. No readily identified residue (e.g., sewage solids, papers, rags, plastics, rubber products) is to remain.

- a. Where practical, thoroughly flush the area and clean of any sewage or wash-down water. Solids and debris are to be flushed, swept, raked, picked-up, and transported for proper disposal.

- b. Secure the overflow to prevent contact by members of the public until the site has been thoroughly cleaned. If posting is required, refer to Section IV.
- c. Where appropriate, disinfect and deodorize the overflow site.
- d. Where sewage has resulted in ponding, pump the pond dry and dispose of the residue in accordance with applicable regulations and policies.
- e. If a ponded area contains sewage which cannot be pumped dry, it may be treated with bleach. If sewage has discharged into a body of water that may contain fish or other aquatic life, do not use bleach or other appropriate disinfectant. Consult with the Environmental Services personnel on site first.
- f. Use of portable aerators may be required where complete recovery of sewage is not practical and where severe oxygen depletion in existing surface water is expected.

D. Water Utility Sanitary Sewer Overflow Report

The Wastewater Collection Field Operations Supervisor completes a Water Utility Sanitary Sewer Overflow Report (Appendix A-3). Utility Dispatch promptly notifies the Wastewater Collection Division when the overflow is eliminated. Information regarding the sewer overflow includes the following:

- 1. Indication that the sewage overflow had reached surface waters, i.e., all overflows where sewage was observed running to surface waters, or there was obvious indication (e.g. sewage residue) that sewage flowed to surface waters; and
- 2. Indication that the sewage overflow had not reached surface waters. Guidance in characterizing these overflows to include:
 - a. Sewage overflows to covered storm drains (with no public access) where personnel verify, by inspection, that the entire volume is contained in a sump or impoundment and where complete clean-up occurs leaving no residue.
 - b. Preplanned or emergency maintenance jobs involving bypass pumping if access by the public to a bypass channel is restricted and subsequent complete clean-up occurs leaving no residue (Any preplanned bypass under these circumstances will not be considered an overflow.); and

- c. Overflows where observation or on-site evidence clearly indicates all sewage was retained on land and did not reach a surface water and where complete cleanup occurs leaving no residue.
- 3. Determination of the start time of the sewer overflow by one of the following methods:
 - a. Date and time information received and/or reported to have begun and later substantiated by a crew leader or response crew;
 - b. Visual observation; or
 - c. Pump station and lift station flow charts and other recorded data.
- 4. Determination of the stop time of the sewer overflow by one of the following methods:
 - a. When the blockage is cleared or flow is controlled or contained; or
 - b. The arrival time of the crew leader or response crew, if the overflow stopped between the time it was reported and the time of arrival.

5. Visual observations

An estimation of the rate of sewer overflow in gallons per minute (GPM) by one of the following criteria:

- a. Direct observations of the overflow; or
 - b. Measurement of actual overflow from the sewer main.
- 6. Determination of the volume of the sewer overflow:
 - a. When the rate of overflow is known, multiply the duration of the overflow by the overflow rate; or
 - b. When the rate of overflow is not known, investigate the surrounding area for evidence of ponding or other indications of overflow volume.
- 7. Photographs of the event, when possible.
- 8. Assessment of any damage to the exterior areas of public/private property. Personnel shall, under appropriate circumstances, enter

private property for purposes of estimating damage to structures, floor and wall coverings, and personal property.

E. Customer Satisfaction

The supervisor, crew leader, or response crew confirming the overflow follows up in person or by telephone with the citizen(s) reporting the overflow. The cause of the overflow and its resolution will be disclosed.

IV. PUBLIC ADVISORY PROCEDURE

This section describes the actions the City of Grand Prairie takes, in cooperation with the TCEQ, to limit public access to areas potentially impacted by unpermitted discharges of pollutants to surface water bodies from the wastewater collection system.

A. Temporary Signage

The City of Grand Prairie has primary responsibility for determining when to post of polluted surface water bodies or ground surfaces that result from uncontrolled wastewater discharges from its facilities. The postings do not necessarily prohibit use of recreational areas, unless posted otherwise, but provide a warning of potential public health risks due to sewage contamination.

B. Other Public Notification

Should the posting of surface water bodies or ground surfaces subjected to a sewer overflow be deemed necessary by the Water Operations Manager, he/she also determines the need for further public notification through the use of pre-scripted notices made available to the printed or electronic news media for immediate publication or airing, or by other measures (e.g., front door hangers).

V. REGULATORY AGENCY NOTIFICATION PLAN

The Regulatory Agency Notification Plan establishes procedures, which the City of Grand Prairie follows to provide formal notice to the TCEQ and EPA as necessary in the event of SSOs. The reporting criteria below explains to whom various forms of notification should be made, and lists agencies/individuals to be contacted.

Agency notifications will be performed in conjunction with other internal notifications. The procedures for providing notification to the media of an SSO are presented in Section VI - Media Notification Procedure. Internal notification and mobilization of personnel are detailed in Section III - Overflow Response Procedure.

Using data supplied during the verification process and updates from the response crew, the Wastewater Collection Field Operations Supervisor prepares initial and final Water Utility Sanitary Sewer Overflow Report. This report is available to those desiring additional information or written confirmation.

Prepare written notification in a "hard copy" version within the first week of each month for the previous month. The Environmental Services Department is responsible for meeting the 24-hour oral or fax notification requirement. The Wastewater Collection Field Operations Supervisor prepares written notification to the appropriate regulatory agencies and others of any confirmed overflows. The Water Operations Manager signs these notifications.

A. Primary Notification

1. Whether an Environmental Specialist responds or not, the Environmental Services Department will be responsible for notifying the TCEQ of all SSOs to US waters within 24 hours by phone to the local Region 4 office in Fort Worth at (817) 588-5800 (Appendix B-1). A fax may be sent to (817) 588-5700. After hours, the Specialist will leave a message with the TCEQ. The phone notification will include the following information:
 - a. Person making report
 - b. Location of SSO
 - c. Creek name/Segment (if known)
 - d. Amount discharged
2. Within five days, the Environmental Services Department/Specialist will send a copy of the TCEQ Water Quality Noncompliance Notification (Appendix B-2) to the local office and the original to the Austin office at the following locations:

Local Office

TCEQ Region 4
2301 Gravel Drive
Fort Worth, Texas 78611-6951

Austin Office

Water & Multimedia Section Manager (MC149)
Enforcement Division
TCEQ
P.O. Box 13087
Austin, Texas 78711-3087

Both copies will be sent by overnight/return receipt to ensure that reporting requirements are met.

A copy of the report can also be faxed if necessary to the Regional Office at (817) 588-5700.

B. Secondary Notification

After those parties identified in Section A. Immediate Notification have been contacted, the Wastewater Collection Field Operations Supervisor contacts other agencies, as necessary, as well as other interested and possibly impacted parties.

Entity	Contact	Phone
Trinity River Authority	Bill Cyrus	(972) 263-2251
City of Arlington (Office Hours)	Dan Corley (stormwater)	(817) 459-6534
City of Arlington (After Hours)	Water Utility Dispatch	(817) 459-5900
City of Midlothian	Water Utility Steve Chutchian or Ben Wilson	(972) 723-3038

C. Media Notification Requirements

Texas Administrative Code 319.302 requires that in addition to noncompliance notification to the commission, the owner of a facility, through its responsible individual, must notify appropriate local government officials and the local media (Appendix C-2) whenever one of the following types of spills occurs from the facility:

1. A spill, regardless of volume, that the facility owner knows or has reason to know will adversely affect a public or private source of drinking water:
2. A spill with a volume of 50,000 gallons or more.

An example of the news release is found in Appendix C-3.

VI. MEDIA NOTIFICATION PROCEDURE

When an overflow has been confirmed and is a threat to public health or meets the criteria mentioned above, take the following actions, if necessary, to notify the media:

1. Crew leader or response crew verifies overflow and reports back to the Water Operations Manager.
2. The Director of Utility Services informs the Public Information Office [PIO]. PIO contact names and numbers are listed below. The PIO shall be the "first-line" of response to the media for any overflow.
3. Director of Utility Services fills out the Notice of Spill from a Wastewater Facility (Appendix C-3)) as required by 30 TAC 319.303.
4. After hours and weekend sewer overflows are reported to the PIO at the number(s).
5. Calls received by the dispatcher from the media at any time are referred to the PIO.

6. The following personnel are authorized to be interviewed by the media and are the designated primary spokespersons:

Public Information Officers

Contact Name	Office	Pager	Mobile	Home
Amy Sprinkles Director of Marketing	(972) 237-8140	(972) 859-2461	(214) 240-2557	(972) 237-9514
Ron McCuller Public Works Director	(972) 237-8066	(972) 859-2400	(214) 808-8527	(972) 262-1274
Jim Cummings Environmental Services Director	(972) 237-8058	(972) 545-3010	(817) 319-0651	(817) 260-5089

VII. DISTRIBUTION AND MAINTENANCE OF SSORP

Any updates to the SSORP reflect changes in policies and procedures as may be required to achieve its objectives and/or to meet new regulatory requirements.

A. Submittal and Availability of SSORP

Distribute copies of the SSORP and any amendments to the following departments and functional positions:

Department/Division	Functional Position	Name
Public Works	Director	Ron McCuller
Public Works/Utility Services	Manager	Jim Siddall
Environmental Services	Director	Jim Cummings
Environmental Services/Water Quality	Manager	Gary Gilliland
Fire Department	Chief	Cliff Nelson
Marketing	Director	Amy Sprinkles

Familiarize all other personnel who may become incidentally involved in responding to overflows with the SSORP.

B. Review and Update of SSORP

Review the SSORP annually and amend as appropriate. The City of Grand Prairie should:

- Update the SSORP with the issuance of a revised or new TPDES;
- Conduct annual training sessions with appropriate personnel; and
- Review and update, as needed, the various contact person lists included in the SSORP.

Appendix A-1

Appendix A-2

Appendix A-3

Appendix B-1

Appendix B-2

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Water Quality Noncompliance Notification

' Unauthorized discharge ' Reportable effluent violation ' Other

GENERAL INFORMATION

Name of entity: Telephone no.: ()

Type of entity: ' Permittee ' Subscriber

Permit number*: TCEQ region: County:

* If the noncompliance is an unauthorized discharge from a wastewater collection system, enter the permit number of the treatment plant to which the collection system is tied.

NONCOMPLIANCE SUMMARY

Description of noncompliance (if an unauthorized discharge, include location, discharge route, and estimated volume):

Cause of noncompliance:

Duration: Start date and time: End date and time:

or Date expected to be corrected:

Potential danger to human health and safety or the environment:

ACTIONS TAKEN

Monitoring data: If collected, attach the data to this form or submit the data separately to the TCEQ when available.

Field measurements? ' Yes ' No

Laboratory samples? ' Yes ' No

Fish kill? ' Yes ' No (If yes, estimated number killed:)

Actions taken to mitigate adverse effects:

Actions taken to correct the problem and prevent recurrence:

VERIFICATION INFORMATION

Information reported by (name/title): Date reported:

Signature:

Note: If you are using this form to submit a 5-day written report, then you should:

! send **a copy** to the TCEQ regional office, and

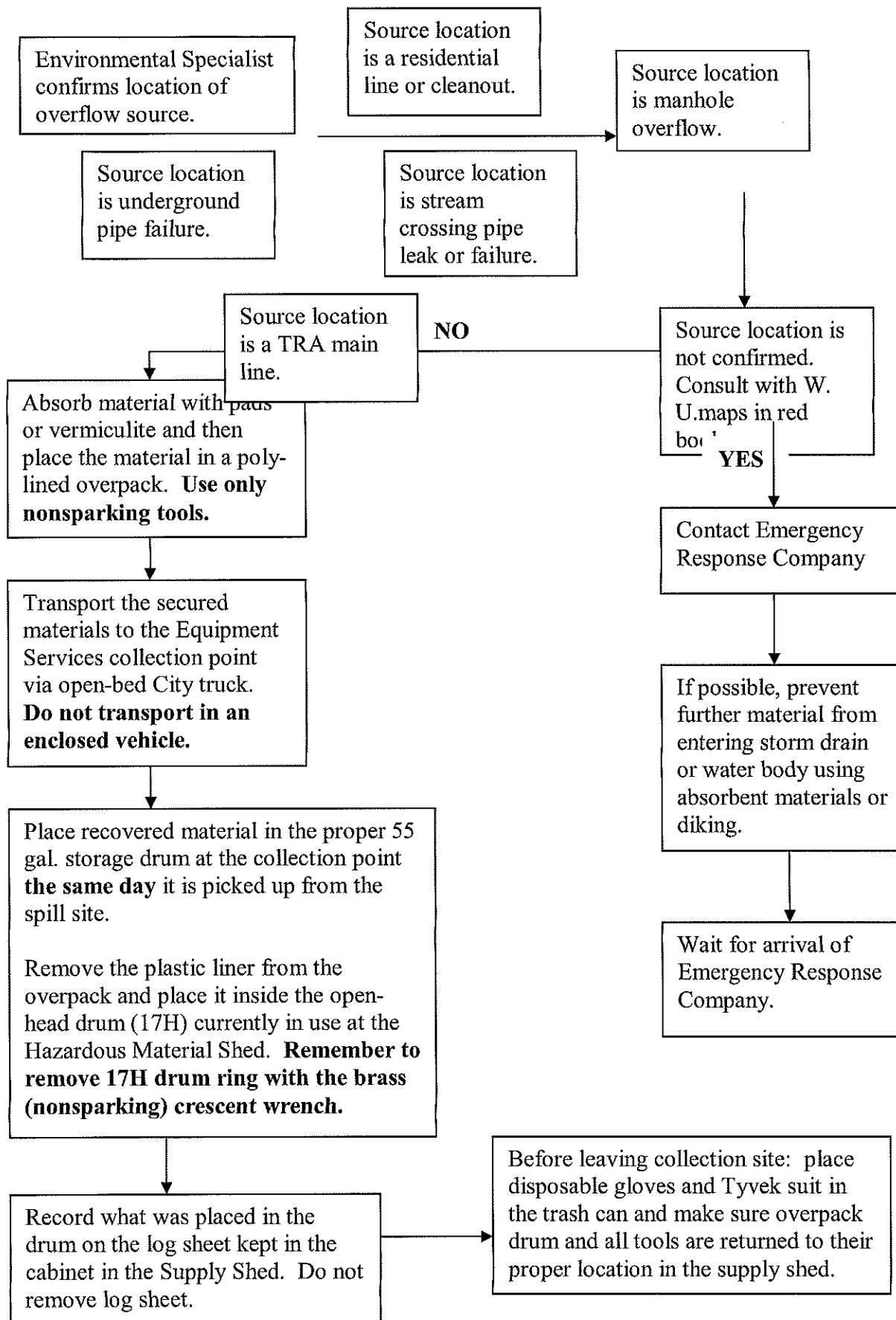
! send **the original** to: TCEQ

Water Quality Compliance Monitoring Team MC 224

Enforcement Division

P.O. Box 13087

Austin, TX 78711-3087



Appendix C-1

