



December 12, 2020

Texas Commission on Environmental Quality
Stormwater & Pretreatment Team Leader (MC -148)
P. O. Box 13087
Austin, Texas 78711- 3087

Texas Commission on Environmental Quality
Water Section Manager
2309 Gravel Drive
Fort Worth, Texas 76118-6951

Re: Phase II MS4 Annual Report Transmittal for the City of Grapevine
TPDES Permit Authorization: TXR040114

Dear Team Leader:

This letter serves to transmit the required annual report for the Texas Pollutant Discharge Elimination System Small Municipal Separate Storm Sewer System General Permit, Authorization Number TXR040114 for the City of Grapevine.

The annual report is for Year 2. The reporting period's beginning October 1, 2019 and ending September 30, 2020.

A separate Notice of Change has not been submitted based on the fact that changes have not been proposed for the next permit year.

As required by the general permit, a copy of the report has also been mailed to the TCEQ's regional office, for Region 4, in Fort Worth, Texas.

Sincerely,

Gregory Moss, Environmental Specialist II
City of Grapevine
501 Shady Brook Dr.
Grapevine TX 76051
817-410-3334
dstoffels@grapevinetexas.gov

cc: Bryan Beck, Director of Public Works, City of Grapevine
Keith Miertschin, Assistant Director of Operations, Public Works, City of Grapevine
Dewey Stoffels, Environmental Manager, City of Grapevine

Enclosure: Phase II (Small) MS4 Annual Report for TPDES Permit Number TXR040114



PUBLIC WORKS DEPARTMENT

Phase II (Small) MS4 Annual Report Form

TPDES General Permit Number TXR040000

A. General Information

Authorization Number: TXR040114

Reporting Year (year will be either 1, 2, 3, 4, or 5): 2

Annual Reporting Year Option Selected by MS4:

Fiscal Year: X

Last day of fiscal year: September 30th

Reporting period beginning date:

October 1, 2019

Reporting period end date:

September 30th, 2020

MS4 Operator Level 3

Name of MS4: City of Grapevine

Contact Name: Gregory Moss, Environmental Specialist II

Telephone Number: 817-410-3334

Mailing Address: City of Grapevine, 501 Shady Brook Drive, Grapevine, Texas 76051

E-mail Address: gmoss@grapevinetexas.gov

A copy of the annual report was submitted to the TCEQ Region: YES X NO ___

Region the annual report was submitted to: TCEQ Region 4

B. Narrative Provisions (Part IV Section B.2.(a))

1. Provide information on the status of complying with permit conditions: (TXR040000 Part IV.B.2)

	Yes	No	Explain
Permittee is currently in compliance with the SWMP as submitted to and approved by the TCEQ.	X		The City of Grapevine is currently in Compliance with its SWMP as submitted to the TCEQ
Permittee is currently in compliance with recordkeeping and reporting requirements.	X		The City of Grapevine is currently in compliance with all record keeping and reporting requirements.
Permittee meets the eligibility requirements of the permit (e.g., TMDL requirements, Edwards Aquifer limitations, compliance history, etc.)	X		The City of Grapevine meets all of its eligibility requirements.
Permittee conducted an annual review of its SWMP in conjunction with preparation of the annual report	X		The City of Grapevine SWMP was reviewed prior to and in conjunction with this Year 2 annual report.

2. Provide a general assessment of the appropriateness of the selected BMPs. You may use the table below to meet this requirement:

MCM	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (yes or no). Explain.
1: Public Education, Outreach and Involvement	Stormwater Management Plan and Annual Report Availability	Yes. Posting of the City's Stormwater Management Plan and Annual Reports on the City's website provides residents and other interested parties with access to the City's means and methods of preventing stormwater pollution. It may also open dialogue between parties to improve the program.
1: Public Education, Outreach and Involvement	Stormwater Website/ Newsletters/ Social Media	Yes. Updating the City newsletter, social media, stormwater website is way to provide students and the local community with a basic understanding of environmental rules and initiatives as it relates to stormwater management, as well as providing general information about stormwater.
1: Public Education, Outreach and Involvement	Participate in Stormwater Public Education Task Force	Yes. Participation in the Public Education Task Force is way for the City of Grapevine to provide its residents with a basic understanding of environmental rules and initiatives as it relates to the stormwater in the community through new and innovative techniques that have been developed in and around the North Texas area. These types of programs are an effective way to keep Grapevine moving forward in its promotion of educating the public on stormwater related issues.
1: Public Education, Outreach and Involvement	Community Volunteers	Yes. Community volunteer involvement provides the community with a sense of ownership in the City's stormwater program.
1: Public Education, Outreach and Involvement	Roadside Watershed Signs	Yes. Roadside signs are a source of information for residents and visitors to know what watershed they are in and where potential pollutants may drain to.
1: Public Education, Outreach and Involvement	Storm Drain Marking	Yes. Storm drain markers are an effective way to educate the public on where stormwater enters and exits the storm drainage system and what areas may be affected by stormwater pollution. They are a visible reminder to both residents and visitors of stormwater conveyances around the City. Storm drain markers are also an effective way to provide the public with information on how to report illicit discharges.
1: Public Education, Outreach and Involvement	Stormwater Education Presentation	Yes. Presentations are an effective way to provide the public with stormwater information. By conducting stormwater presentations, the City is able to provide stormwater information in an effective manner to residents and students alike.
1: Public Education, Outreach and Involvement	Stream and Shoreline Cleanup	Yes. Removal of trash and debris keeps this material from polluting the storm drain system through public involvement.
1: Public Education, Outreach and Involvement	Environmental Audits	Yes. Conducting environmental audits provides audited businesses with educational material that includes stormwater related materials. These industrial audits also focus on reducing issues with FOG and maintenance of grease/ grit traps.

MCM	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (yes or no). Explain.
2: Illicit Discharge Detection and Elimination	Maintain Up-to-Date MS4 Map	Yes. Maintaining up-to-date Ms4 maps gives the City a proper inventory of storm drain structures and provides a resource for tracking IDDE events.
2: Illicit Discharge Detection and Elimination	City Field Staff IDDE Training	Yes. Providing annual training to Municipal field staff regarding identifying and responding to illicit discharges reduces response times to these events.
2: Illicit Discharge Detection and Elimination	Participate in the Illicit Discharge Detection and Elimination Task Force	Yes. Allows the City to stay up-to-date and maintain contacts within the stormwater industry, particularly with IDDE.
2: Illicit Discharge Detection and Elimination	Public Reporting of IDDE	Yes. Maintain a record of and track the number of and responses to IDDE events within the MS4.
2: Illicit Discharge Detection and Elimination	Environmental Audits	Yes. Conducting environmental audits provides audited businesses with educational material that includes stormwater related materials.
2: Illicit Discharge Detection and Elimination	Household Hazardous Waste Program	Yes. Provides residents with an appropriate place to dispose of household hazardous waste. Keeps potential pollutants out of the storm drain system.
3: Construction Site Stormwater Runoff Control	Staff Construction Site Stormwater Training	Yes. Provides necessary stormwater construction training to municipal staff involved in inspecting construction sites in the MS4.
3: Construction Site Stormwater Runoff Control	CSN and NOI Tracking	Yes. The tracking of active construction sites within the MS4 provides potential pollutant source information.
3: Construction Site Stormwater Runoff Control	Construction Site Erosion and Sediment Control Audits	Yes. Ensures construction site compliance with the Construction General Permit and to reduce the amount of sediment received from construction site activities.
3: Construction Site Stormwater Runoff Control	Active Construction Site Inventory	Yes. Maintaining an active construction site inventory allows the City to track sites that may contribute potential pollutants to stormwater.
3: Construction Site Stormwater Runoff Control	Review of Erosion and Sediment Control Plans	Yes. Review of plans allows the City determine if builders have adequate protection to prevent stormwater pollution prior to construction.
3: Construction Site Stormwater Runoff Control	Pre-Construction Meetings	Yes. Holding pre-construction meetings allows the City to present potential stormwater related issues to builders prior to start of work.
4: Post-Construction Stormwater Management in New Development and Redevelopment	Post-Construction BMP Maintenance	Yes. Maintenance of Post-Construction BMPs ensures that the BMPs continue to function as intended, providing pollution prevention measures.
4: Post-Construction Stormwater Management in New Development and Redevelopment	Post-Construction BMP Inventory	Yes. Maintaining a Post-Construction BMP Inventory allows the City to know where pollution prevention measures are located and allows tracking of maintenance.

MCM	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (yes or no). Explain.
4: Post-Construction Stormwater Management in New Development and Redevelopment	Smartscape	Yes. Xeriscaping and the planting of native plants provides the City with landscaping that utilizes little to no water and therefore has little to no runoff that may carry pollutants.
4: Post-Construction Stormwater Management in New Development and Redevelopment	Construction Site Plan Review	Yes. Reviewing of Construction Plans for post-construction BMPs allows the City to maintain an accurate BMP inventory, as well as ensuring that plats include maintenance responsibilities.
5: Pollution Prevention and Good Housekeeping for Municipal Operations	City Facility Pollution Prevention Audits	Yes. Auditing City facilities for pollution prevention ensures that these locations do not contribute to storm water pollution.
5: Pollution Prevention and Good Housekeeping for Municipal Operations	Pollution Prevention Training	Yes. Training employees in pollution prevention places responsibility on the individual to prevent pollution through their actions and at their facility.
5: Pollution Prevention and Good Housekeeping for Municipal Operations	Municipal Operations and Maintenance Assessment	Yes. Ensures municipal operations and activities do not contribute to stormwater pollution within the MS4.
5: Pollution Prevention and Good Housekeeping for Municipal Operations	Stormwater Controls for High Priority Facilities	Yes. Determines which, if any, "High Priority" facilities require stormwater controls above and beyond those currently installed in order to prevent stormwater pollution from municipal activities.
5: Pollution Prevention and Good Housekeeping for Municipal Operations	Storm Sewer System Operation and Maintenance	Yes. Ensures maintenance of storm sewer structures and infrastructure in optimal functionality.
5: Pollution Prevention and Good Housekeeping for Municipal Operations	Pollutant Reduction from Road Maintenance and Operations	Yes. Ensures removal of potential pollutants of concern from roadways and prevent them from entering the MS4.

MCM	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (yes or no). Explain.
TMDL	Participation in TCEQ SSOi Program	Yes. Continues participation in the SSOi program to meet the goals of the of the Bacteria Impairment TMDL the Big Bear Creek Watershed, specifically related Sanitary Sewer Systems.
TMDL	On-Site Sewage Facilities	Yes. Addresses the potential contribution of OSSF to the bacterial impairment of the watershed through identifying and addressing failing systems and addressing inadequate maintenance of OSSFs.
TMDL	Liquid Waste Hauling	Yes. Provides information on potential sources of pollution.
TMDL	Pet/ Animal Waste Management	Yes. Informs the public of the issues associated with animal waste and how to properly dispose of it.
pH	Water Quality Impairment	Yes. Will determine whether the City of Grapevine, as an MS4, is contributing to the pH impairment of Grapevine Lake (Segment 0826) and take any required corrective action, as necessary, should it be determined.

3. Describe progress towards achieving the goal of reducing the discharge of pollutants to the MEP. If no progress was made or the BMP did not result in a reduction in pollutants, provide an explanation. Use the table below to meet this requirement

MCM	BMP	Information Used	Quantity	Units	Does BMP Demonstrate a Direct Reduction in Pollutants? (Yes/No/Explain)
	pH-1	pH	24 samples (6 per quarter)	su	Yes. All pH monitoring data was within the normal range. Demonstrates that Grapevine has not contributed to the pH impairment of Grapevine Lake during this monitoring period.

Summary: The attached list (Attachment 1) of water quality sampling events during the Permit Year 2 time period (October 1, 2019 through September 30, 2020) show that the tested creeks within the City of Grapevine showed no impairment for the tested parameters during the sampling period. The City of Grapevine will continue administering the current Stormwater Monitoring Plan as is, due to the positive nature of the water quality within the City limits.

4. Provide the measurable goals for each of the MCMs, and an evaluation of the success of the implementation of the measurable goals:

MCM	Measurable Goal	Success
1: Public Education, Outreach and Involvement	Post Year 1 Annual Report to City Website.	Met Goal: Developed a website for posting Annual Report. https://www.grapevinetexas.gov/531/Stormwater-Watershed-Quality-Management
1: Public Education, Outreach and Involvement	Perform a website, newsletter, and/or social media updates at least six times/year	Exceeded Goal: Website, newsletter, and/or social media updated 43 times (6 required).
1: Public Education, Outreach and Involvement	Participate in 25% of PETF meetings/year	Exceeded Goal: Attended 100% (4 of 4) meetings.

1: Public Education, Outreach and Involvement	Inspect 20% of installed signs, repair/ replace (as needed).	Exceeded Goal: Inspected 38% (16 of 42) of installed signs.
1: Public Education, Outreach and Involvement	Inspect 20% of all installed storm drain markers.	Exceeded Goal: 20.2% of markers were inspected, replaced or newly installed.
1: Public Education, Outreach and Involvement	Provide at least 2 stormwater education presentations/ year	Exceeded Goal: Made 9 stormwater education presentations.
1: Public Education, Outreach and Involvement	Conduct at least 1 cleanup event/year	Exceeded Goal: Grapevine held 8 cleanup events.
1: Public Education, Outreach and Involvement	Conduct at least 25 environmental audits/ year	Exceeded Goal: Conducted 65 environmental audits.
2: Illicit Discharge Detection and Elimination	Update MS4 map with 100% of New Construction during the year	Met Goal.
2: Illicit Discharge Detection and Elimination	Conduct 1 IDDE training event per division with field crew/ year	Met Goal.
2: Illicit Discharge Detection and Elimination	Attend 25% of Task Force meetings	Exceeded Goal: Attended 100% (3 of 3) meetings.
2: Illicit Discharge Detection and Elimination	Provide list of IDDEs reported in annual report	Met Goal. See Attachment 2.
2: Illicit Discharge Detection and Elimination	Conduct at least 25 environmental audits/ year	Exceeded Goal: Conducted 65 environmental audits.
2: Illicit Discharge Detection and Elimination	Conduct at least 1 household hazardous waste event/ year	Met Goal.
3: Construction Site Stormwater Runoff Control	Perform 1 stormwater construction training event per year. Record any associated training attended.	Met Goal.
3: Construction Site Stormwater Runoff Control	Provide number of CSN and NOI provided to the City annually	Met Goal. See attachment 3.
3: Construction Site Stormwater Runoff Control	Conduct at least 12 construction site audits per year	Met Goal: 12 sites were audited
3: Construction Site Stormwater Runoff Control	Provide active construction site list with the annual report.	Met Goal. See attachment 4.
3: Construction Site Stormwater Runoff Control	Review 100% of plans each year and provide a list with the annual report.	Met Goal. See Attachment 5.
3: Construction Site Stormwater Runoff Control	Hold pre-construction meetings for 100% of projects. Provide a list with the annual report.	Met Goal. See Attachment 6.
4: Post-Construction Stormwater Management In New Development and Redevelopment	Conduct maintenance for 100% of city-owned BMPs, if required	Met Goal.

4: Post-Construction Stormwater Management In New Development and Redevelopment	Maintain an inventory of 100% of all newly constructed detention facilities	Met Goal.
4: Post-Construction Stormwater Management In New Development and Redevelopment	Maintain a map of Smartscape locations throughout the City	Met Goal.
4: Post-Construction Stormwater Management In New Development and Redevelopment	List of type and location of post-construction BMPs.	Met Goal.
4: Post-Construction Stormwater Management In New Development and Redevelopment	Provide map of all known constructed detention facilities with annual report.	Met Goal. See Attachment 7.
5: Pollution Prevention and Good Housekeeping for Municipal Operations	Conduct one audit of each "High Priority" facility per year	Met Goal. See Attachment 8.
5: Pollution Prevention and Good Housekeeping for Municipal Operations	Conduct 1 P2 training event per division with operations staff/ year	Met Goal.
5: Pollution Prevention and Good Housekeeping for Municipal Operations	Audit 100% of pollution prevention measures annually.	Met Goal.
5: Pollution Prevention and Good Housekeeping for Municipal Operations	Maintain a list of 100% of installed controls each year	Met Goal. See Attachment 9.
5: Pollution Prevention and Good Housekeeping for Municipal Operations	Conduct at least 400 storm sewer maintenance activities per year	Exceeded Goal: 912 Structures maintained.
5: Pollution Prevention and Good Housekeeping for Municipal Operations	Provide number of lane miles swept per year	Met Goal: Swept 15,398 lane miles.
TMDL	Provide SSOi annual report to the TCEQ	Met goal. See attachment 10.
TMDL	Provide a list OSSF issues within the City on an annual basis.	Met goal. See attachment 11.
TMDL	Provide number of waste haulers and number of manifests received annually.	Met goal. See attachment 12.
TMDL	List/ map areas/ types of areas that may have large numbers of animals within MS4.	Met goal.
pH	Provide resulting pH data to TCEQ	Met goal. See attachment 13.

C. Stormwater Monitoring Data (Part IV Section B.2.(b))

1. The MS4 has conducted monitoring of stormwater quality and submitted in the annual report (i.e. analytical and visual observations).

Yes No

- a. Explain below or attach a summary to submit along with any monitoring data used to evaluate the success of the SWMP at reducing pollutants to the maximum extent practicable. Be sure to include a discussion of results:

See Attachment 1 for monitoring data collected during Permit Year 2.

Summary: The attached list (Attachment 1) of water quality sampling events during the Permit Year 2 time period (October 1, 2019 through September 30, 2020 show that the tested creeks within the City of Grapevine showed no impairment for the tested parameters during the sampling period. The City of Grapevine will continue administering the current Stormwater Monitoring Plan as is, due to the positive nature of the water quality within the City limits.

D. Impaired Waterbodies (Part IV Section B.2.(c))

1. Identify whether an impaired water within the permitted area was added to the latest EPA-approved 303(d) list or the Texas Integrated Report of Surface Water Quality for CWA Sections 305(b) and 303(d). List any newly-identified impaired waters below by including the name of the water body and the cause of impairment.

There are no newly listed impairments within the City of Grapevine's permitted area after review of the 2020 EPA-approved 303(d) list or the 2020 Texas Integrated Report of Surface Water Quality for CWA Sections 305(b) and 303(d)

2. If applicable, explain below or attach a summary of any activities taken to address the discharge to impaired waterbodies, include any sampling results and a summary of the small MS4's BMPs used to address the pollutant of concern:

The City of Grapevine has developed the following activities in order to address potential discharges to the following impaired waterbodies:

Bacteria TMDL - 0841_01 and 0841B - Lower West Fork Trinity River and Bear Creek

BMP 1.7: Provide Stormwater Education Presentations in order to educate the Public on bacteria source reduction.

BMP 1.9: Conduct Environmental Audits in order to educate businesses/ industries/ contractors on bacteria source reduction.

BMP 2.4: Public reporting of IDDEs allows the MS4 to respond to potential illicit bacteria discharges.

BMP 2.6: Provide a HHW Program to provide the public with a venue for proper disposal of FOG (Fats, Oil, and Grease).

BMP TMDL-1: Participate in the SSOi program developed by the TCEQ in order to reduce the potential amount of bacteria contributed to these waterbodies from human activity (SSOs, in this case).

BMP TMDL-2: Review any complaints of OSSFs from information received from TCPH on an annual basis to reduce the potential amount of bacteria contributed to these waterbodies from human activity (OSSFs, in this case).

BMP TMDL-3: Track liquid waste haulers and businesses that require grease trap maintenance in order to reduce the number of SSOs contributed by these devices when left unmaintained.

BMP TMDL-4: Track large concentrations of animals in the City in order to educate owners on the potential bacteria contributions their animals may cause if left unattended.

pH Impairment – 0826 – Grapevine Lake

BMP pH-1: Monitor the pH levels of the 6 feeder streams to Grapevine Lake found within the City of Grapevine borders on a quarterly basis to ensure that the City is not contributing to the impairment.

3. Describe the implementation of targeted controls if the small MS4 discharges to an impaired water with an approved TMDL (Part II Section D.4.(a)):

The City of Grapevine is NOT a direct discharger to an impaired waterbody with an approved TMDL.

4. Report the benchmark identified by the MS4 and assessment activities (Part II Section D.4.(a)(6)):

Since the City of Grapevine does not directly discharge to the Big Bear Creek/ Lower West Fork Trinity River TMDL, no benchmark for bacteria has been set by the MS4.

The benchmark for pH in the streams discharging to Grapevine Lake is between 5-9 su. See Attachment 13 for collected pH values for Permit Year 2.

5. Provide an analysis of how selected BMPs will be effective in contributing to achieving the benchmark (Part II Section D.4.(a)(4)):

The analysis of pH values from collected water quality data will allow the City to determine potential pollutant of concern sources should the benchmark value be exceeded during a given monitoring period.

6. If applicable, report on focused BMPs to address impairment (Part II section D.4.(a)(5)):

Pollutant to Address	Description of Focused BMP	Comments/ Discussion
pH	Collect water quality data, specifically pH, on a quarterly bases from 6 feeder streams within the City.	The analysis of pH values from collected water quality data will allow the City to determine a potential pollutant of concern sources should the benchmark value be exceeded during a given monitoring period.

7. Describe progress in achieving the benchmark (Part II.D.4.(a)(6)):

Benchmark Indicator	Description/ Comments
pH (5-9 su)	All collected values were within this range (See attachment 13)..

E. Stormwater Activities (Part IV Section B.2.(d))

Describe any stormwater activities the MS4 operator has planned for the next reporting year. Use the table or attach a summary, as appropriate:

MCM	BMP	Stormwater Activity	Description/ Comments
1: Public Education, Outreach and Involvement	Stormwater Management Plan and Annual Report Availability	Post Year 2 Annual Report to City Website	The City of Grapevine current Stormwater Management Plan (SWMP) and associated Annual Reports will be made available for viewing via the City's Website (www.grapevinetexas.gov). The SWMP will be posted upon acceptance by the TCEQ and each annual report shall be posted upon acceptance by the TCEQ.
1: Public Education, Outreach and Involvement	Stormwater Website/ Newsletters/ Social Media	Update City website, newsletters and social media with stormwater material	The City of Grapevine will continue to update its website, newsletters, and social media with information pertaining to the prevention of stormwater pollution. Updates will consist of city specific and general stormwater education, as well as detailing outreach events that can affect stormwater issues.
1: Public Education, Outreach and Involvement	Participate in Stormwater Public Education Task Force	Attend Public Education Task Force Meetings.	The City of Grapevine will continue to participate in Public Education Task Force Meetings conducted by the North Central Texas Council of Governments. These meetings act as a round table for local participating governments to share ideas on stormwater education. Additionally, educational materials are distributed at events promoting environmental awareness messages.
1: Public Education, Outreach and Involvement	Community Volunteers	Utilize community volunteers in various events to reduce stormwater pollution.	The City of Grapevine will utilize community volunteers in various events that target stormwater pollution either directly or indirectly.
1: Public Education, Outreach and Involvement	Roadside Watershed Signs	Inspect installed signs for repair/ replacement.	The City of Grapevine will evaluate the current status of roadside watershed signs installed during previous permit terms. Signs will be inspected for damage and wear and will be repaired and/or replaced as necessary. Additionally, the storm drain system will be reviewed and new watershed signs will be placed in high visibility areas, as need.

MCM	BMP	Stormwater Activity	Description/ Comments
1: Public Education, Outreach and Involvement	Storm Drain Marking	Inspect installed storm drain markers for damage. Replace as necessary.	The City of Grapevine will evaluate the current status of Storm Drain Markers installed during the previous permit term. Markers will be inspected for damage and wear and will be repaired and/or replaced as necessary. Markers will be placed on new inlets, as necessary.
1: Public Education, Outreach and Involvement	Stormwater Education Presentations	Stormwater related public education presentation.	The City of Grapevine will provide a presentation of stormwater related educational material to the public. This will include, at minimum, a display board incorporating stormwater information, handouts/ flyers, and someone familiar with stormwater to answer any questions. Bacteria TMDL Notes: These presentations will also focus on outreach and education for residents and businesses that may contribute animal source bacteria to stormwater, as well as addressing sources of Fats, Oils and Grease (FOG).
1: Public Education, Outreach and Involvement	Stream and Shoreline Cleanup	Stream and shoreline cleanup	The City of Grapevine will conduct stream and shoreline cleanups throughout the year in order to remove trash, litter, debris, etc. from local waterways using volunteers. Shoreline cleanups involve the public in cleaning and maintaining local waterways and removing potential pollutants from the stormwater system.

MCM	BMP	Stormwater Activity	Description/ Comments
1: Public Education, Outreach and Involvement	Environmental Audits	Stormwater outreach material included with each environmental audit.	The City of Grapevine will conduct environmental audits of industrial locations, hotels, automotive locations, restaurant locations, construction sites and commercial properties. These audits will focus on pretreatment and stormwater aspects of the facility on which they are conducted. Bacteria TMDL Note: These industrial audits provide information on reducing issues with FOG and maintenance of grease/ grit traps for associated IDDEs.
2: Illicit Discharge Detection and Elimination	Maintain Up-to-Date MS4 Map	Update MS4 Map	The City of Grapevine will continue to update the MS4's map in GIS to include new and previously unrecognized storm drain infrastructure.
2: Illicit Discharge Detection and Elimination	City Field Staff IDDE Training	Train field staff in IDDE	The City of Grapevine will train its field staff in illicit discharge detection and elimination. Training will be conducted by qualified staff and will be provided on an annual basis. Sign-in sheets will be maintained as a record of each training event.
2: Illicit Discharge Detection and Elimination	Participate in the Illicit Discharge Detection and Elimination Task Force	Participate in the NCTCOG IDDE Task Force	To stay up-to-date and maintain contacts within the stormwater industry, particularly with IDDE.
2: Illicit Discharge Detection and Elimination	Public Reporting of IDDE	Track public reporting of IDDE	The City of Grapevine will continue to track all IDDE events reported to the municipality via its Cartegraph database system (or any future data management system). Reports from city staff, residents, visitors and businesses will be tracked and responded to accordingly. Bacteria TMDL Note: Reporting of SSOs will be included in the IDDE reporting for improved reporting purposes.

MCM	BMP	Stormwater Activity	Description/ Comments
2: Illicit Discharge Detection and Elimination	Environmental Audits	Stormwater outreach material included with each environmental audit.	The City of Grapevine will conduct environmental audits of industrial locations, hotels, automotive locations, restaurant locations, and commercial properties. These audits will focus on pretreatment and stormwater aspects of the facility on which they are conducted. These audits also review grease/ grit trap condition and maintenance.
2: Illicit Discharge Detection and Elimination	Household Hazardous Waste Program	Provide an event allowing proper disposal of household hazardous waste for residents.	The City of Grapevine will host an annual Household Hazardous Waste collection event to allow the residents of Grapevine to safely and effectively manage the disposal of hazardous waste that may otherwise be improperly disposed of, creating the potential to pollute to stormwater.
3: Construction Site Stormwater Runoff Control	Staff Construction Site Stormwater Training	Train applicable staff in stormwater construction requirements	Conduct training for municipal staff involved in inspecting any type of construction activity within the MS4. Training will be conducted by qualified personnel. Training will focus on the on stormwater issues as they relate to construction sites.
3: Construction Site Stormwater Runoff Control	CSN and NOI Tracking	Maintain all CSN and NOI delivered to the City on file.	The development and maintenance of a construction site inventory through the tracking of CSN and NOI received by the municipality. Inspection records and visual observations will also be used to maintain a current inventory of construction activity in the MS4.

MCM	BMP	Stormwater Activity	Description/ Comments
3: Construction Site Stormwater Runoff Control	Construction Site Erosion and Sediment Control Audits	Construction site erosion and sediment control audits.	The City's Environmental Services Division will conduct erosion and sediment control audits of random construction sites within the MS4. Audits will verify the site's compliance with the Construction General Permit and focus on the site's compliance with erosion and sediment control standards. These audits will be in addition to standard construction site inspection conducted by the City's Engineering Division.
3: Construction Site Stormwater Runoff Control	Active Construction Site Inventory	Maintain an electronic construction site inventory.	Maintaining an active inventory of all active construction sites in the MS4. This inventory will include all constructions sites in any phase of construction from grading to the issuance of the Certificate of Occupancy.
3: Construction Site Stormwater Runoff Control	Review of Erosion and Sediment Control Plans	Maintain an electronic construction site sediment control plan list.	Review of all erosion and sediment control plans by qualified personnel as part of pre-construction requirements, including determination of potential water quality impacts.
3: Construction Site Stormwater Runoff Control	Pre-Construction Meetings	Develop and maintain an electronic pre-construction meeting list.	Host Pre-Construction meetings with contractors/ property owners and present erosion and sediment control requirements and expectations.
4: Post-Construction Stormwater Management In New Development and Redevelopment	Post-Construction BMP Maintenance	Maintenance of City-owned BMPs.	Maintenance of a comprehensive post-construction BMP inventory and maintenance schedule for those BMPs that are City-owned and/ or operated. Conduct maintenance on and maintain records for City owned BMPs.
4: Post-Construction Stormwater Management In New Development and Redevelopment	Post-Construction BMP Inventory	Add notes to plat requiring private owners to provide annual inspection/ maintenance of privately owned detention facilities..	The maintenance of a comprehensive post-construction BMP inventory and maintenance schedule for those BMPs that are part of new construction and privately owned and/ or operated. Tracking of any violations or enforcement actions electronically.

MCM	BMP	Stormwater Activity	Description/ Comments
4: Post-Construction Stormwater Management In New Development and Redevelopment	Smartscape	Identify existing and new Smartscape locations throughout the City.	To encourage the use of Texas native plants in City development projects.
4: Post-Construction Stormwater Management In New Development and Redevelopment	Construction Site Plan Review	List of all plans reviewed and note of type and location of post-construction BMPs.	Review of construction site plans for locations of new post-construction BMPs, making sure the City is aware of the type and location of post-construction BMPs located within its MS4.
4: Post-Construction Stormwater Management In New Development and Redevelopment	Post-Construction BMP Map	Maintain a map of all known constructed detention facilities.	The development and maintenance of a comprehensive post-construction BMP map of all known publically and privately owned BMPs.
5: Pollution Prevention and Good Housekeeping for Municipal Operations	City Facility Pollution Prevention Audits	Inspect "High Priority" facilities.	Maintain an inventory and map of all City-owned and operated facilities. Determine those facilities are "High Priority" with respect to potential stormwater issues. Audit those "High Priority" facilities for P2 compliance. Assess facilities on a regular basis to determine potential additions to the "High Priority" list. Develop facility specific stormwater Pollution Prevention BMPs for each "High Priority" facility
5: Pollution Prevention and Good Housekeeping for Municipal Operations	Pollution Prevention Training	Train operations staff in P2.	To provide staff involved in daily operations with adequate P2 training to prevent stormwater related issues at the City's various facilities and properties. Training will be specific to the department/division. Training will be conducted by a member of the Environmental Services Division and records of attendance will be kept on file.

MCM	BMP	Stormwater Activity	Description/ Comments
5: Pollution Prevention and Good Housekeeping for Municipal Operations	Municipal Operations and Maintenance Assessment	Monitor pollution prevention measures enacted.	To audit and assess current municipal operations for potential stormwater pollution issues. Review current Tier II reports and departmental MSDS for potential pollutants of concern. Develop and implement pollution prevention measures for municipal activities. Audit activities for compliance with pollution prevention measures. Dispose of waste properly and safely, as necessary.
5: Pollution Prevention and Good Housekeeping for Municipal Operations	Stormwater Controls for High Priority Facilities	Determine if new controls are required. Install stormwater controls, as necessary.	Maintain a list of stormwater controls at each of the listed facilities. Determine whether new controls are required for each facility. If new controls are deemed necessary, install those controls. Refer to BMP 5.1 for the determination of "High Priority" facilities.
5: Pollution Prevention and Good Housekeeping for Municipal Operations	Storm Sewer System Operation and Maintenance	Perform storm sewer maintenance activities.	To inspect, document and maintain storm sewer structures and infrastructures to prevent and/or address issues with stormwater transport within the MS4. Identify problem areas or areas with recurring issues. Maintain stormwater BMPs for proper function.
5: Pollution Prevention and Good Housekeeping for Municipal Operations	Pollutant Reduction from Road Maintenance and Operations	Street Sweeping of all City streets.	Provide street sweeping for all accessible streets and parking lots in the MS4 in order to remove potential pollutants, including trash and litter from the swept area. An SOP describing focus and frequency will be developed and kept on file by the City
TMDL	Participation in TCEQ SSOi Program	Continued participation in the SSOi program.	To continue the City's participation in TCEQ's SSOi program, which includes details about the City's improvements to sanitary lines to reduce overflows, addressing of lift station inadequacies and strengthening of sanitary use requirements.

MCM	BMP	Stormwater Activity	Description/ Comments
TMDL	On-Site Sewage Facilities	Contact TCPH for a list of OSSF issues within the City.	Utilize Tarrant County Public Health (the OSSF Authority for this MS4) as a resource for identifying and addressing failing septic systems and addressing inadequate maintenance of OSSFs. Contact TCPH annually for a list of OSSFs and issue status of those OSSFs as applicable.
TMDL	Liquid Waste Hauling	Electronically record all liquid waste hauler manifests received by the City.	The MS4 will maintain electronic records of all liquid waste hauling manifests received by the City.
TMDL	Pet/ Animal Waste Management	Distribute outreach material to at least 33% of known animal livestock areas	In order to reduce the contribution of potential bacteria impairment within the MS4, the MS4 will locate and educate locations with high densities of pets or stock animals about ways to reduce animal waste from becoming an issue.
pH	Water Quality Impairment	Continue quarterly pH monitoring of 6 creeks discharging to segment 0826.	To monitor pH levels in the 6 larger creeks within the MS4 (Jones Branch, Dove Branch, Morehead Branch, Farris Branch, Cable Branch, and Silver Lake Branch) feeding in to Grapevine Lake (Segment 0826) on a quarterly basis to determine if the MS4 is contributing to this waterbodies impairment. Develop BMPs and measurable goals should this be determined.

F. SWMP Modifications (Part IV Section B.2.(e))

1. The SWMP and MCM implementation procedures are reviewed each year.

Yes No

2. Changes have been made or are proposed to the SWMP since the NOI or the last annual report, including changes in response to TCEQ's review.

Yes No

If "Yes," report on changes made to measurable goals and BMPs:

Not Applicable

G. Additional BMPs (Part IV Section B.2.(f))

Provide a description and schedule for implementation of additional BMPs that may be necessary, based on monitoring results, to ensure compliance with applicable TMDLs and implementation plans.

No additional BMPs are deemed necessary at this time.

H. Additional Information (Part IV Section B.2.(g))

1. Is the permittee relying on another entity/ies to satisfy some of its permit obligations?

Yes No

If "Yes," provide the name(s) of other entity/ies and an explanation of their responsibilities (add more spaces or pages if needed):

Name and Explanation: North Central Texas Council of Governments (NCTCOG). According to its SWMP, Grapevine must attend at least 25% of both the Public Education Task Force Meetings (BMP 1.1) and the Illicit Discharge Detection and Elimination Task Force Meetings (BMP 2.3) held by NCTCOG during the fiscal year.

Name and Explanation: Tarrant County Public Health (TCPH). According to its SWMP, Grapevine must utilize TCPH (the OSSF Authority for this MS4) as a resource for identifying and addressing failing septic systems and addressing inadequate maintenance of OSSFs (BMP TMDL-2) by contacting TCPH annually for a list of OSSFs and issue status of those OSSFs as applicable.

2.a. Is the named permittee sharing a SWMP with other entities?

Yes No

2.b. If 'yes,' is this a system-wide annual report including information for all permittees?

Yes No N/A

I. Construction Activities (Part IV Section B.2.(h-i))

1. The number of construction projects in the jurisdiction of the MS4 where the permittee was not the construction site operator (as provided in submittals to the MS4 operator via notices of intent or site notices): 13 (8 CSN-Small/ 5 CSN-Large/NOI)

2. Does the permittee utilize the optional seventh MCM related to construction?

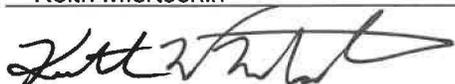
Yes No

J. Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Name (printed): Keith Miertschin

Title: Assistant Director of Operations, Public Works

Signature: 

Date: 12-15-2020

Attachment 1

Water Quality Data Collected
10/01/2019 through 9/30/2020

Creek	Major Drainage	Season	Sample Date	Time	Air Temp C	Water Temp C	pH (su)	Turbidity (NTU)	DO (mg/L)	Specific Cond (us)	Salinity (ppm)	TDS (mg/L)	Cl2 (mg/L)	Cu (mg/L)	Detergent (mg/L)	Phenol (mg/L)	Ammonia (mg/L)
Creek 23	BBC	Fall	12/17/2019	12:50	7	10.6	7.6	0	6.1	1064	0.54	691.6	ND	ND	ND	ND	<0.1
Creek 21	BBC	Fall	12/17/2019	10:15	0	12.3	7.7	0	9.6	1056	0.53	686.4	ND	ND	ND	ND	<0.1
Creek 17	BBC	Fall	12/17/2019	14:50	Dry	*	*	*	*	*	*	*	*	*	*	*	*
Creek 16	BBC	Fall	12/17/2019	13:30	7	10.2	7.6	0	6.8	1049	0.52	681.2	ND	ND	ND	ND	<0.1
Creek 18	BBC	Fall	12/17/2019	14:00	Dry	*	*	*	*	*	*	*	*	*	*	*	*
Creek 19	BBC	Fall	12/17/2019	14:30	9	10.9	7.8	5.6	6.2	1163	0.59	756	ND	ND	ND	ND	<0.1
Creek 20	BBC	Fall	12/17/2019	15:00	9	12.2	7.7	16	9.3	998	0.35	453.7	ND	ND	ND	ND	<0.1
Creek 14	BBC	Fall	12/17/2019	15:25	9	10.9	7.9	5.7	6.5	1174	0.6	763.1	ND	ND	ND	ND	<0.1
Big Bear Creek	BBC	Fall	12/17/2019	9:55	0	10.5	8.2	0.8	11.5	680	0.34	442	ND	ND	ND	ND	<0.1
Unnamed Tributary Little Bear Creek	LBC	Fall	12/17/2019	12:20	6	10.2	8	0	7.1	700	0.35	455	ND	ND	ND	ND	<0.1
Cottonwood Branch	DEC	Fall	12/16/2019	12:40	5	14.1	7.8	4.8	0.3	470	0.23	311	ND	ND	ND	ND	<0.1
Denton Creek	DEC	Fall	12/16/2019	12:00	5	14.1	7.9	5.7	10.6	501	0.25	325	ND	ND	ND	ND	<0.1
Hilton Branch	DEC	Fall	12/16/2019	12:20	5	14.6	7.5	5	8.1	464	0.23	301	ND	ND	ND	ND	<0.1
Silver Lake Branch	GPVL	Fall	12/16/2019	13:00	Dry	*	*	*	*	*	*	*	*	*	*	*	*
Cable Branch	GPVL	Fall	12/16/2019	13:10	5	18.1	7.8	0	7.6	2280	1.18	1482	ND	ND	ND	ND	<0.1
Farms Branch	GPVL	Fall	12/16/2019	13:40	5	19.2	7.4	0	6.4	890	0.44	579	ND	ND	ND	ND	<0.1
Morehead Branch	GPVL	Fall	12/16/2019	14:00	5	15.4	7.9	0	8.4	491	0.23	319	ND	ND	ND	ND	<0.1
Dove Branch	GPVL	Fall	12/16/2019	14:30	5	14.8	7.6	0	9.2	478	0.25	310	ND	ND	ND	ND	<0.1
Jones Branch	GPVL	Fall	12/16/2019	13:25	5	14.7	7.8	0	7.9	500	0.25	325	ND	ND	ND	ND	<0.1
Creek 23	BBC	Winter	2/25/2020	14:20	14	15.2	8.1	0	10.8	1111	0.58	667	ND	ND	ND	ND	<0.1
Creek 21	BBC	Winter	2/25/2020	12:20	12	15.7	7.9	0	10.9	1104	0.55	662	ND	ND	ND	ND	<0.1
Creek 17	BBC	Winter	2/25/2020	14:45	14	14.9	8	0	10.4	1004	0.48	602	ND	ND	ND	ND	<0.1
Creek 16	BBC	Winter	2/25/2020	15:10	14	15.3	8	0	10.8	1110	0.56	666	ND	ND	ND	ND	<0.1
Creek 18	BBC	Winter	2/25/2020	13:50	Dry	*	*	*	*	*	*	*	*	*	*	*	*
Creek 19	BBC	Winter	2/25/2020	13:30	14	15.5	8.2	0	9.8	1071	0.54	643	ND	ND	ND	ND	<0.1
Creek 20	BBC	Winter	2/25/2020	13:10	13	15.1	8.1	0	9.7	1081	0.55	649	ND	ND	ND	ND	<0.1
Creek 14	BBC	Winter	2/25/2020	12:00	12	14.1	8	0	10.8	1148	0.58	688	ND	ND	ND	ND	<0.1
Big Bear Creek	BBC	Winter	2/25/2020	12:40	12	13.2	8	9.5	10.4	730	0.38	438	ND	ND	ND	ND	<0.1
Unnamed Tributary Little Bear Creek	LBC	Winter	2/25/2020	15:40	14	13.5	7.9	0	9.9	1068	0.53	641	ND	ND	ND	ND	<0.1
Cottonwood Branch	DEC	Winter	2/24/2020	10:30	13	13.6	8	7.1	10.1	748	0.37	489	ND	ND	ND	ND	<0.1
Denton Creek	DEC	Winter	2/24/2020	9:30	12	14.8	8.1	8.4	11.6	1055	0.53	633	ND	ND	ND	ND	<0.1
Hilton Branch	DEC	Winter	2/24/2020	10:00	12	12.1	7.6	4.1	8.9	764	0.37	458	ND	ND	ND	ND	<0.1
Silver Lake Branch	GPVL	Winter	2/24/2020	11:00	Dry	*	*	*	*	*	*	*	*	*	*	*	*
Cable Branch	GPVL	Winter	2/25/2020	9:30	8	12.1	7	0	9.2	2448	1.28	1469	ND	ND	ND	ND	<0.1
Farms Branch	GPVL	Winter	2/25/2020	10:30	11	13.7	7.7	1.6	9.7	1089	0.55	653	ND	ND	ND	ND	<0.1
Morehead Branch	GPVL	Winter	2/25/2020	10:00	9	16.5	7.8	0	8.7	1043	0.5	626	ND	ND	ND	ND	<0.1
Dove Branch	GPVL	Winter	2/24/2020	14:30	18	17.8	8.1	4	10.9	933	0.46	560	ND	ND	ND	ND	<0.1
Jones Branch	GPVL	Winter	2/24/2020	14:00	19	16.5	7.9	4.1	9.8	875	0.42	525	ND	ND	ND	ND	<0.1
Creek 23	BBC	Spring	5/11/2020	9:25	Dry	*	*	*	*	*	*	*	*	*	*	*	*
Creek 21	BBC	Spring	5/11/2020	10:48	20	19.0	7.8	0	8.3	1045	0.52	627	ND	ND	ND	ND	<0.1
Creek 17	BBC	Spring	5/11/2020	9:40	17	18.0	8	0	7.9	1120	0.55	672	ND	ND	ND	ND	<0.1
Creek 16	BBC	Spring	5/11/2020	10:10	18	18.2	8.2	0	8.1	1135	0.56	681	ND	ND	ND	ND	<0.1
Creek 18	BBC	Spring	5/11/2020	8:20	Dry	*	*	*	*	*	*	*	*	*	*	*	*
Creek 19	BBC	Spring	5/11/2020	7:48	14	16.1	8.3	0	8.5	1037	0.54	652	ND	ND	ND	ND	<0.1
Creek 20	BBC	Spring	5/11/2020	9:15	16	17.8	8.1	0	7.8	1100	0.55	660	ND	ND	ND	ND	<0.1
Creek 14	BBC	Spring	5/11/2020	10:30	20	19.0	7.8	0	7.7	770	0.38	462	ND	ND	ND	ND	<0.1
Big Bear Creek	BBC	Spring	5/11/2020	11:00	20	20.9	8.1	0	8.3	750	0.37	450	ND	ND	ND	ND	<0.1
Unnamed Tributary Little Bear Creek	LBC	Spring	5/11/2020	7:10	16	18.1	8	0	7.1	1298	0.65	779	ND	ND	ND	ND	<0.1
Cottonwood Branch	DEC	Spring	5/11/2020	12:45	25	19.8	8.1	0	8.1	768	0.38	461	ND	ND	ND	ND	<0.1
Denton Creek	DEC	Spring	5/11/2020	13:15	25	20.0	8	0	9.6	750	0.38	450	ND	ND	ND	ND	<0.1
Hilton Branch	DEC	Spring	5/11/2020	13:45	25	19.5	7.6	0	8.7	780	0.39	468	ND	ND	ND	ND	<0.1
Silver Lake Branch	GPVL	Spring	5/11/2020	14:15	Dry	*	*	*	*	*	*	*	*	*	*	*	*
Cable Branch	GPVL	Spring	5/11/2020	14:30	25	22.9	7.9	10.5	7.8	3503	1.84	2102	ND	ND	ND	ND	<0.1
Farms Branch	GPVL	Spring	5/11/2020	15:15	25	23.2	7.9	0	13.8	904	0.44	542	ND	ND	ND	ND	<0.1
Morehead Branch	GPVL	Spring	5/11/2020	14:55	25	24.6	7.9	0	8.1	962	0.47	577	ND	ND	ND	ND	<0.1
Dove Branch	GPVL	Spring	5/11/2020	15:55	25	22.1	8.3	0	8.4	827	0.46	558	ND	ND	ND	ND	<0.1
Jones Branch	GPVL	Spring	5/11/2020	15:35	25	22.4	8.2	0	9.1	950	0.47	570	ND	ND	ND	ND	<0.1
Creek 23	BBC	Summer	8/19/2020	10:10	Dry	*	*	*	*	*	*	*	*	*	*	*	*
Creek 21	BBC	Summer	8/19/2020	14:25	28	24.7	8	0	6.5	778	0.38	467	ND	ND	ND	ND	<0.1
Creek 17	BBC	Summer	8/19/2020	14:40	31	26.0	8.5	0	8.4	681	0.48	589	ND	ND	ND	ND	<0.1
Creek 16	BBC	Summer	8/19/2020	15:00	Dry	*	*	*	*	*	*	*	*	*	*	*	*
Creek 18	BBC	Summer	8/19/2020	13:50	Dry	*	*	*	*	*	*	*	*	*	*	*	*
Creek 19	BBC	Summer	8/19/2020	13:20	31	26.9	8.2	0	5	1070	0.53	642	ND	ND	ND	ND	<0.1
Creek 20	BBC	Summer	8/19/2020	15:15	31	25.9	8	0	6.1	980	0.48	588	ND	ND	ND	ND	<0.1
Creek 14	BBC	Summer	8/19/2020	9:40	Dry	*	*	*	*	*	*	*	*	*	*	*	*
Big Bear Creek	BBC	Summer	8/19/2020	11:00	27	26.0	7.9	0	5.1	674	0.33	404	ND	ND	ND	ND	<0.1
Unnamed Tributary Little Bear Creek	LBC	Summer	8/19/2020	12:50	31	25.0	7.7	0	7.6	661	0.47	577	ND	ND	ND	ND	<0.1
Cottonwood Branch	DEC	Summer	8/18/2020	8:40	27	24.9	7.1	0	7.5	891.6	0.5	535	ND	ND	ND	ND	<0.1
Denton Creek	DEC	Summer	8/18/2020	9:00	27	25.3	7	0	8.1	765.6	0.34	459	ND	ND	ND	ND	<0.1
Hilton Branch	DEC	Summer	8/18/2020	9:20	27	25.1	7.5	0	7.5	884.1	0.49	530	ND	ND	ND	ND	<0.1
Silver Lake Branch	GPVL	Summer	8/18/2020	10:00	Dry	*	*	*	*	*	*	*	*	*	*	*	*
Cable Branch	GPVL	Summer	8/18/2020	10:20	28	26.9	8.3	0	6.8	3263	1.7	1068	ND	ND	ND	ND	<0.1
Farms Branch	GPVL	Summer	8/18/2020	14:25	33	29.8	8.3	0	8.4	859	0.42	515	ND	ND	ND	ND	<0.1
Morehead Branch	GPVL	Summer	8/18/2020	14:00	33	30.9	8.1	0	7.6	959	0.47	575.4	ND	ND	ND	ND	<0.1
Dove Branch	GPVL	Summer	8/18/2020	14:50	Dry	*	*	*	*	*	*	*	*	*	*	*	*
Jones Branch	GPVL	Summer	8/18/2020	15:20	Dry	*	*	*	*	*	*	*	*	*	*	*	*

Attachment 2

List of Reported IDDEs 10/01/2019 through 9/30/2020

MEMORANDUM

City of Grapevine, TX

TO: *File*

FROM: *Gregg Moss, Environmental Specialist*

SUBJECT: *BMP 2.4 Public Reporting of IDDE*

DATE: *October 1, 2019*

(Last update: September 30, 2020)

Project Description: The City of Grapevine will continue to track all IDDE events reported to the municipality via its Cartegraph database system (or any future data management system). Reports from city staff, residents, visitors and businesses will be tracked and responded to accordingly. **Bacteria TMDL Note:** Reporting of SSOs will be included in the IDDE reporting for improved reporting purposes.

Objective: To maintain a record of the number of and responses to IDDE events within the MS4.

Activity to Implement: Track public reporting of IDDE.

Measurable Goal: Provide list of IDDEs reported in annual report.

Number of illicit discharges detected and resolved for PY 2020: 74

Acivity	Q1	Q2	Q3	Q4	PY 2020
Illicit Discharge	4	5	14	4	27
Pool Discharge	1	3	7	6	17
Potable Water Release	1	1	1	5	8
Sanitary Sewer Overflow	3	2	3	1	9
Spills	1		1	1	3
SSR Truck Leaks		1		1	2
T/R Truck Leaks	1	2	4	1	8
Total	11	14	30	19	74

Activity	Str. #	Street Name	Start Date	Stop Date	Notes
Sanitary Sewer Overflow	901	RUTH WALL RD	9/29/2019	10/2/2019	Loss of ~30,000 gallons of sewage to Silver Lake Branch due to a pipe rupture. Area was monitored and sparged. No fish kill within 72 hours. TCEQ notified.
T/R Truck Leaks	2719	SUMMER WIND DR	9/30/2019	10/2/2019	Received a complaint from resident that truck had leaked on street and tracked into her driveway. Route Supervisor was notified. Cleaning crew was to be sent out next morning. Address was inspected on 10/2/19 and appeared cleaned, resident was not home.
Illicit Discharge	750	SHADYBRO OK DR	10/1/2019	10/1/2019	ESD received a call from TCEQ (Alexandra Ridgeway, Env. Insp. II, alexandra.ridgeway@tceq.texas.gov v 817.588.5814) regarding an anonymous concrete dumping in Morehead branch at Shady Brook Dr. ESD responded immediately and observed no dumping in the creek. There has been recent shoring activity at this location and this could have been misinterpreted by the caller. Pictures are on file. The rest of the creek to the lake was also observed. Case has been closed.
Illicit Discharge	501	POST OAK RD	10/2/2019	11/12/2019	Matthew Green 972-874-6354 called to report his wife witnessed someone in a Maid Brigade Car at intersection of Post Oak Rd. & Eules Grapevine Rd. illegally dumping what appeared to be soapy water. NOV was issued to Maid Brigade (sent 10/4/2019) Maid Brigade of Northeast Tarrant County 632-A W. Bedford-Eules Road Hurst, TX 76053 817-510-3370

Spills	2136	SPUR TRL	10/10/2019	10/11/2019	Resident (Dale, 817-897-1598) called to inform City that sister's car was leaking gasoline that was headed to the storm drain. Streets responded and placed sand along curb and under car to collect leaking gas. ESD arrived and provided caller with absorbent pads and requested that when the wrecker arrived to have the remaining fuel removed prior to vehicle removal. Also, the resident was to pick up the sand prior to expected rain that night. ESD collected bags and disposed of contaminated sand appropriately.
Illicit Discharge	3279	STATE HWY 360	10/11/2019	10/11/2019	ESD received photos from the Utilities division of a Stripe-A-Zone power washing truck draining its tanks along the SH 360 service road. ESD inspected the area but recent rains had made the entire area wet. The company was called (Brandon Tellez, 817-291-0069) and notified of the situation. They were also notified that they would be receiving an NOV.
Illicit Discharge	950	TURNER RD	10/16/2019	10/16/2019	ESD received a call From Streets regarding potential gray water discharge from the outfall West of the Opryland Lift Station. Upon inspection it was determined that the water was coming from a ruptured irrigation line on the Gaylord property at the listed address. The Gaylord was notified to turn off the irrigation until the break was repaired.
Pool Discharge	2953	CANYON DR	10/22/2019	10/22/2019	Responded to a pool discharge at address. Spoke with the owner, Roy Robinson, regarding City rules for pool discharge. Stopped discharge. Sent Pool Letter.
Potable Water Release	3700	IRA WOODS AVE E	10/31/2019	11/1/2019	Loss of 10 gal/min due to main strike by contractor. Water was dechlorinated upon arrival. No environmental impact observed or expected. State not notified.

Sanitary Sewer Overflow	3801	SHADY MEADOW DR	11/2/2019	11/5/2019	Loss of ~3000 gallons of sewage from manhole #1687 discharged to Big Bear Creek. No environmental impacts observed over a 72 hour period. Area was sparged for more than 24 hours as a precaution. TCEQ 24-hour and 5-day report submitted.
Sanitary Sewer Overflow	3801	SHADY MEADOW DR	11/2/2019	11/5/2019	Loss of ~3000 gallons of sewage from manhole #1687 discharged to Big Bear Creek. No environmental impacts observed over a 72 hour period. Area was sparged for more than 24 hours as a precaution. TCEQ 24-hour and 5-day report submitted.
T/R Truck Leaks	1724	WILDFLOWER TRAIL	1/3/2020	1/3/2020	Republic trucks leaking huge amounts of oil on the street, starting at 1724 thru 1718. She has called Republic in the past and it got better but now back to the old ways. Route Supervisor was notified about complaint. Crew was sent out to location to clean up oil from street. on Friday, 01/03/2020.
SSR Truck Leaks	719	CABERNET CT	1/6/2020	1/6/2020	When trash & recycle was emptied either Friday or Saturday...said so much oil was left on the containers and in the street she can't touch them. Needs someone to come and clean up the mess. Investigated complaint on Monday, 01/06/2020 and seen oil that was left from Recycle Truck on street in front of property and on recycle cart. Contacted Route Supervisor to send crew out to clean up oil from street and replace recycle cart.

Illicit Discharge	306	E DALLAS RD	1/13/2020	1/13/2020	Received a call from J. Coburn, Streets Foreman, regarding the discharge of n=sediment laden water to E dallas Rd from the DL Rogers office construction site. Josh had spoken with workers on the site and discharge had stopped by the time ESD arrived. ESD spoke with workers to reiterate that they cannot discharge sediment laden water to the street and the water would need to be filtered prior to discharge. ESD contacted the site superintendent Rick Losh (214-697-0002) and informed him of the situation. He said the discharge would be discontinued until it could be properly filtered, The site will receive a comprehensive ESC audit in the coming days.
Illicit Discharge	3000	DOVE LOOP RD	1/16/2020	1/16/2020	Resident (Deborah Henson, 817-422-2400) visited the MSC offices to notify the City of a potential illicit discharge situation at Dove Loop Boat Ramp. G. Moss responded to the complaint and observed a truck trailering a commercial water pump (Precision Pump Systems 817.912.5151 www.precisionpumpsystems.com) at the ramp. Speaking with the employee he was testing the pump prior to delivery by sucking lake water from the ramp and discharging the water back to the lake. No illicit discharge observed. The resident was notified of the findings.
Potable Water Release	120	N MAIN ST	2/3/2020	2/3/2020	Water main break due to directional strike by fiber crew. Loss of approximately 6,000 gallons of potable water to Cable Branch. Dechlorination was started immediately. G. Moss inspected Cable Branch, no adverse effects were observed. Reporting to the State not required.
Illicit Discharge	701	E STATE HWY 114	2/24/2020	3/2/2020	Issued NOV to Texas Toyota of Grapevine for discharging vehicle washwater to the MS4. NOV response was dated 3/2/2020 was

					received on 3/6/2020. Complaint closed.
Illicit Discharge	2409	CROCKETT CT	3/9/2020	3/9/2020	<p>ESD responded to the following e-mail:</p> <p>Hello Mr. Stoffels,</p> <p>Having worked at NCTCOG for many years and being involved in storm water programs, I am aware of these kinds of issues. So, let me ask you, what specific ordinance addresses citizens disposing of their leaves by pushing them down towards the creek?</p> <p>I live along the Jones Branch running north through the Austin Oaks neighborhood. A guy across the creek from me was doing this on Saturday but I didn't say anything. His address is 2409 Crockett Ct. Can someone address this please?</p> <p>Also, further upstream where the creek crosses under Bonham Trail, that is becoming quite an eye sore. The water is stagnant, has a lot of weeds, debris and is collecting a lot of trash as well. The homeowner at 500 Austin Creek Dr. is also not maintaining his part of the yard behind his back fence, so it is contributing to the mess.</p> <p>Can you look into this as well. I'll be speaking to my HOA about it as well, but there is only so much they can do with regards to the creek.</p> <p>Thanks,</p> <p>Scott Miller</p> <p>817-845-5450</p>

					<p>Mr. Krause:</p> <p>My name is Dewey Stoffels. I work for the City of Grapevine. The reason I'm emailing you is regarding a report from someone in the neighborhood.</p> <p>Someone suggested that they witnessed someone at 2409 Crockett Ct. pushing leaves down toward the creek.</p> <p>Please do give me a phone call when you get a chance.</p> <p>Dewey</p> <p>Jason Paul Krause phone number is 817-296-6810....</p> <p>Gregg:</p> <p>Don't worry about this one....</p> <p>He return called said the leaves were piled up for kid to play in.... I encouraged him to have them bagged up for disposal when appropriate...</p> <p>Dewey</p>
Sanitary Sewer Overflow	2378	DOVE RD	3/16/20 20	3/17/20 20	Level Monitor failed at Dove 2 Lift Station causing back pressure upstream. Failure at aerial crossing adjacent to lake (405 gallons) and at a manhole adjacent to Jones Branch (7,875 gallons) were quickly repaired. No environmental issues observed. Report sent to TCEQ the afternoon of 3/17/2020.
Pool Discharge	3241	OAK TREE LN	3/16/20 20	3/16/20 20	Utilities reported pool discharge and spoke with homeowner. Homeowner discontinued discharge. Sent Pool Informational Letter on 3/17/20.

Illicit Discharge	1000	W DOVE LOOP RD	3/19/20 20	3/19/20 20	ESD received a complaint of a foul odor at the Dove Loop bridge over Morehead Branch. The complainant was concerned that the source may be sewage related. D. Stoffels and G. Moss responded to the site at approximately 10:00am, shortly after the complaint was received. Upon arrival a faint odor was noticed. A sample was pulled and showed DO at 8.5 mg/L and Ammonia was <0.1 mg/L indicating that there is no likelihood that an SSO is the cause of the odor. The Lake level is currently at flood stage (+10.93) and is pushing water back up the creek. The area has debris and vegetation in the creek and along the shoreline due to recent rains and lake elevation. The water is not flowing normally in this area due to the lake elevation. Spawning carp were observed in the vegetation along the shoreline. The WWTP is also conducting a dewatering project that may be contributing to the odor. The odor source is considered to be due to natural causes.
Pool Discharge	1201	KILLARNEY LN	3/24/20 20	3/24/20 20	ESD was notified by Code compliance of discharge at address. Spoke with homeowner who moved hose to cleanout. Also sent pool letter to address.
Sanitary Sewer Overflow	3603	LABRADOR BAY	3/27/20 20	3/27/20 20	Loss of 15 gallons of sewage from Labrador Lift Station due to reading failure. trace amount entered drainage to the West, usually a pond but currently lake due to flooding. DO and Ammonia tested fine. No adverse environmental effects observed. Reported to TCEQ.
Pool Discharge	1927	BEAR RUN DR	3/28/20 20	3/30/20 20	PD notified code compliance that they responded to a swimming pool complaint. Requested information of possible code violations. G. Moss supplied information to Code and PD about pool discharges and issued a letter to the resident about proper pool discharging.

T/R Truck Leaks	715	PRESTON PL	3/31/2020	3/31/2020	Received call from resident that a truck was leaking coolant on street. G. Moss responded and observed broken down tuck leaking coolant at listed address. spill had been contained and had not entered storm drain system. Driver was waiting for shop crew. J. Sanchez, Republic route supervisor, was notified and was sending a cleanup crew to clean street of coolant.
Illicit Discharge	1614	CHAPARRA L CT	4/9/2020	4/9/2020	<p>CMO received the following complaint from Ms May. Environmental allowed Code to handle the situation.</p> <p>From: Scott Williams <scottw@grapevintexas.gov></p> <p>Date: April 9, 2020 at 13:03:27 CDT</p> <p>To: Morris Carrejo <mcarrejo@grapevintexas.gov></p> <p>Cc: Dewey Stoffels <dstoffels@grapevintexas.gov></p> <p>Subject: RE: Mrs. Betty May</p> <p>I think we should try that, but I don't know that we can enforce it if he pushes back. I don't think there is anything in the lot to lot drainage ordinance that prohibits a lot from draining to another lot. My question would be: why would it be wet now? It hasn't rained in days.</p> <p>J. Scott Williams Development Director City of Grapevine 200 S. Main Street Grapevine Texas 76051 (817) 410-3158</p>

				<p>From: Morris Carrejo</p> <p>Sent: Thursday, April 9, 2020 1:00 PM</p> <p>To: Scott Williams <scottw@grapevintexas.gov></p> <p>Subject: Re: Mrs. Betty May</p> <p>Sir, I just finished my visit with Ms. Betty May and inspected the rear yard at her house and found it to be soaked of water. Looking through the fence in between the boards I found the neighbor has a drain line that is connected to the rain gutter and is pointed to Ms. Mays rear yard. Opening case file and sending notice to the neighbor to correct this issue. Ms. May was advised of the outcome and told of the action to be taken.</p> <p>Morris Carrejo</p> <p>Get Outlook for iOS</p> <hr/> <p>From: Scott Williams <scottw@grapevintexas.gov></p> <p>Sent: Thursday, April 9, 2020 12:44:52 PM</p> <p>To: James Adams <jadams@grapevintexas.gov></p> <p>Cc: Morris Carrejo <mcarrejo@grapevintexas.gov>; Dewey Stoffels <dstoffels@grapevintexas.gov></p> <p>Subject: RE: Mrs. Betty May</p> <p>Yes, that's probably good – keep the same people involved. We need to try to get this put to bed. If it is</p>
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					<p>just that the runoff flows downhill, we need to tell her that. If there is a pool discharge issue, we need to get very serious about making the neighbor correct it.</p> <p>J. Scott Williams</p> <p>Development Director</p> <p>City of Grapevine</p> <p>200 S. Main Street</p> <p>Grapevine Texas 76051</p> <p>(817) 410-3158</p> <p>From: James Adams</p> <p>Sent: Thursday, April 9, 2020 12:40 PM</p> <p>To: Scott Williams <scottw@grapevintexas.gov></p> <p>Subject: Re: Mrs. Betty May</p> <p>Yeah, Mo called me on the phone after the last e-mail and told me he had investigated the incident previously and wanted to handle it again.</p>
Illicit Discharge	129	FALL CREEK	4/10/20 20	4/10/20 20	<p>Citizen, James Lange 129 Fall Creek would like a call back 817.313.4312 regarding water in his yard standing from the neighbor next door--he thinks it may be coming from pool pump/water pipe (his neighbor said it was not his problem).</p> <p>G. Moss, Environmental Specialist II, contacted Mr. Lange and explained that lot to lot issues are a civil matter and the City is usually only involved when discharge enters City ROW. Explained to the resident that we may involve Code Compliance if his neighbor would not help in fixing the issue, but that</p>

					they would also hold that lot to lot issues are not controlled by the City, but if there was an issue with the neighbors plumbing, they could do something about that. Resident was ok with explanation.
T/R Truck Leaks	3212	MAGNOLIA CT	4/16/2020	4/16/2020	Truck Leak: Councilmen Chris Coy called to complain about Republic truck leaking oil on his street in culdesac. Route Supervisor was notified about complaint. Cleaning crew was conacted and sent ot location to clean up spill on Thursday, 04/16/2020.
Illicit Discharge	4336	BRADFORD DR	4/21/2020	4/21/2020	Received a complaint regarding sewer smell coming from storm drain inlets along Bradford. All inlets were checked and had some debris/ leaf litter. Inlet at the corner of Bradford and Kenwood had water flow with no observable flow source. Some sulfur smell was noticed. Water was tested for ammonia(<0.1 mg/l), chlorine (ND), detergent(ND), DO (low) and pH (8.2). Utilities were called and checked for sanitary infiltration. The storm and sanitary line were camera'ed and water was observed seeping through a seam in the storm line. Source is assumed to be groundwater and smell is thought to be from sediment and decaying matter in the system which is receiving constant water. Drainage was called to determine if flow at the outfall could be reestablished, since the system will receive constant flow until the groundwater recedes.
Illicit Discharge	707	SABLE RIDGE LN	4/22/2020	4/22/2020	Received a compliant of orange colored water discharging from french drain pipe at listed address. Upon inspection the area has considerable groundwater discharge and apparent high iron levels as there is significant black/orange staining throughout the neighborhood. water meter boxes were fool of water and stained orange. Sheen in water fractured indicating iron-fixing bacteria

					present. Caller was notified of findings as was the resident.
Potable Water Release	411	W DALLAS RD	5/4/2020	5/4/2020	Loss of ~40,000 gallons of potable water due to a boring strike on a 6" main. Dechlorination began immediately upon arrival. Water discharged to Morehead Branch. Water tested for DO (7.5 mg/L) and chlorine residual (ND) at Dove Rd. prior to lake. No adverse effects observed or expected.
Illicit Discharge	1200	HILLWOOD WAY	5/5/2020	5/11/2020	<p>A request from Engineering regarding erosion control at the listed property due to removal of landscaping at side of house. Spoke with Homeowner (William Orona, 682-206-1501, wdorona@gmail.com) regarding stabilizing sediment. Homeowner will instal erosion control matting or sod this weekend. Follow-up inspection Monday 5/11.</p> <p>As of 5/11/2020, Straw erosion control matting has been placed along the borders of the property fulfilling the request for stabilization.</p> <p>Complaint closed</p>
Illicit Discharge	707	SABLE RIDGE LN	5/8/2020	5/8/2020	Contacted resident BD Copeland (bdcopeland@gmail.com 817-714-4998) and re-iterated the information that was told to his wife via email on 4/23. Forwarded the information to him via e-mail.
Pool Discharge	403	E WORTH ST	5/11/2020	5/11/2020	<p>Received a complaint of pool discharge at listed address. Spoke with tech on site and explained City discharge rules. Also contacted owner via phone :</p> <p>Jeremy Clark:</p> <p>Tel: (817) 682-0383</p> <p>jeremy@jettpools.com</p> <p>and explained the rules as well. He said he understood and would add it to their notes for Grapevine.</p>

					Pool discharge notice will be sent to company.
Illicit Discharge	3231	SUMMERFIELD DR	5/14/2020	5/15/2020	Contractor had placed stockpiles in street adjacent to a storm drain. Streets notified ESD and Code of the issue. Code responded first and required the contractor to have the stockpiles removed by EOB 5/15/2020. ESD left the issue for Code to handle but followed up with drive by of site to make sure piles were removed.
T/R Truck Leaks	904	FALL CREEK	5/15/2020	5/15/2020	Republic Trash Truck-left steam of liquid in front of home @ 904 Fall Creek going down to entrance of Silverlake Subdivision entrance-Meghan Jordan 972.623.7314 wants entire street cleaned. Route Supervisor was notified about complaint and cleaning crew sent out to location for clean up of spill on Friday, 05/15/2020.
Spills	3800	FAIRWAY DR	5/15/2020	5/15/2020	Received a call from dispatch requesting cleanup of 5 gallons of paint on Fairway Dr at the entrance to Grapevine Municipal Golf Course. Upon arrival (~3:55pm) a majority of the paint had dried due to heavy traffic having driven over it and spreading it out. Two one gallon paint lids were observed. Kitty litter was spread over the thickest areas for traction. Paint could not be removed.
T/R Truck Leaks	108	MYRTLE CREEK	5/18/2020	5/18/2020	Trash truck leaking oil on Myrtle Creek culdesac and much more throughout Silverlake Neighborhood. Route Supervisor was notified about complaint and cleanup crew was sent to location on Monday, 05/18/2020.
T/R Truck Leaks	516	AUSTIN CREEK DR	5/20/2020	5/20/2020	516 Austin Creek-Republic Truck left trail/puddle of brake fluid/grease on streets throughout Austin Oaks neighborhood and Winding Creek neighborhood streets yesterday Scott Miller @ 817.845.5450. Route Supervisor was notified about complaint. Republic sent crew out on

					Wednesday, 05/20/2020 to clean up spill from streets in neighborhood.
Illicit Discharge	5307	SHADOW RIDGE	5/21/2020	5/21/2020	Received a call from Bill Coltrin, Meter Reader, regarding concrete mixing at the listed address. Requested support from Morris Carrejo for translation. Contractors were working on a retaining wall. No evidence of discharge. Contractors were told to cover stockpiles in rainy conditions, no washing out in curblines and to sweep remnants at end of project.
Illicit Discharge	3223	WINTERGREEN TER	5/26/2020	5/26/2020	Received an e-mail from Paul Lee asking for a drive-by of the listed address due to a complaint about sediment coming off site. Site was inspected and pictures and suggestions were emailed to Paul and shared with the Superintendent on-site, Richard Rodriguez, David Lewis Builders. (See file)
Illicit Discharge	5211	FAIRMOUNT DR	5/26/2020	5/26/2020	Received a call regarding a potential pool discharge at the listed address. Upon arrival and speaking with the homeowner, the discharge was rainwater being pumped from the backyard due to flooding. This is an allowable discharge.
Illicit Discharge	3489	STATE HWY 121	5/26/2020	6/1/2020	Daniel Steinshouer, Engineering, requested assistance on tracking at the Paycom construction site. Requested Morris Carrejo, Code Enforcement, assist. Spoke with Joe Vogel, Superintendent, regarding extensive tracking and curb inlet protection inundated with sediment. Informed him that street needed proper cleaning and current inlet protection requires replacement after the excessive sediment was removed. Daniel had previously told him that no vehicles were to access the site. G. Moss informed Fire that the fire lane no longer existed and fire equipment could not access the site properly. Follow-up 5/27.

Pool Discharge	1501	CIMARRON TRL	6/2/2020	6/2/2020	Received a complaint of pool discharging along sidewalk on Dove Rd. No discharge present upon inspection. No one home. Sent homeowner Pool Discharge letter.
Illicit Discharge	1200	HILLWOOD WAY	6/9/2020	6/15/2020	Code Compliance requested assistance at this address again regarding the side of the house due to tree removal, large amount of dirt removal and lack of erosion control. Spoke with the homeowner again, as the installed erosion control was no longer effective. Homeowner was to replace the erosion control. 6/15/2020: Homeowner had started to stabilize with sod. Complaint closed for ESD. Remaining issues left to Code Compliance.
Pool Discharge	2823	NEWCASTLE DR	6/11/2020	6/12/2020	Received the following email from John Robertson, Engineering: Don Kaker called. He lives at 1926 Camelot, near Scott Dyer's house. He has a drainage concern, that's I'll ask Josh about, but there is a house that is adjacent to him that he says discharges pool backwash into the ditch running along the north side of his home. Can you please look at 2823 Newcastle Dr for the illicit pool backwash discharge into the ditch? Investigation: I visited the address this morning. I have been out to this house before about pool draining. I spoke with the homeowner then and her pool does not drain to the back of the property. There is no evidence of backwash residue that I can see in the drainage pipe. I will forward our pool draining letter to the homeowner just to cover our bases. Let me know if you have any questions. Mailed letter on 6/12/2020

Illicit Discharge	1614	CHAPARRA L CT	6/15/2020	6/15/2020	Spoke with Ms. May along with Morris Carrejo, code Compliance, following a complaint by her about her neighbor at 1608. There was no evidence of water discharge during this specific investigation. We were allowed in to the backyard of 1608 by the homeowners son, no evidence of any sort of discharge form this property. Speaking with Ms. May she continually referred to the water standing in the past tense. Due to lack of any evidence we requested Ms. May contact us as the event is happening in order to determine exactly what the issue is.
Sanitary Sewer Overflow	2077	HOLT WAY	6/16/2020	6/16/2020	Loss of ~10 gallons of sewage due to blockage (construction debris). Most of the loss evaporated. Reported to TCEQ.
Pool Discharge	3025	MOUNTAIN VIEW CT	6/16/2020	6/17/2020	Poll letter (not NOV) sent to company by Jimmy Brock for discharging to MS4
Sanitary Sewer Overflow	1701	W STATE HWY 114	6/20/2020	6/22/2020	Loss of 1,000 gallons to bar ditch behind Sam's Club due to clog in line. Spill pumped back to system. Reported via phone to TCEQ (20201882) and 5-day notice sent two days later.
Pool Discharge	3003	OLD MILL RUN	6/22/2020	6/24/2020	Discharge had stopped by the time J. Brock had arrived. Pool discharge letter sent to homeowner.
Illicit Discharge	1200	HILLWOOD WAY	6/24/2020	6/26/2020	Code Compliance (Morris Carrejo) again asked for a meeting at the listed address. Upon arrival, there was evidence of sediment leaving the property. Mr. Carrejo informed me that he would be taking enforcement action against the resident and requested a list of erosion control based ordinances. I did not meet with the resident at this point as all actions were to be taken by Code Enforcement. I supplied a list of potential infractions to Mr. Carrejo on 6/26.
Pool Discharge	1215	BALL ST	6/24/2020	6/24/2020	Pool discharge from listed address. Pool letter sent to resident.

Sanitary Sewer Overflow	1056	TEXAN TRL	6/25/2020	6/25/2020	Loss of <100 gallons of sewage from manhole due to grease blockage. Blockage cleared. No environmental effects observed or expected. TCEQ notified.
Pool Discharge	3225	FANNIN LN	6/29/2020	6/30/2020	Evidence of pool discharge/backwash in curblin from address. Pool letter sent to resident.
Pool Discharge	2917	SOUTHRIDGE DR	7/6/2020	7/7/2020	Utilities reported a pool discharge at the listed address. Homeowner sent pool letter.
Potable Water Release	2700	GRAPEVINE MILLS BLVD N	7/9/2020	7/9/2020	Loss of approximately 30,000 gallons of potable water to Hilton/Denton Creek receiving waters. Dechlorination had occurred. Creek was checked. No chlorine detected and no aquatic life impacted. No report to State.
Spills	2937	TUMBLEWEED TRL	7/10/2020	7/10/2020	Resident (Mike 817-946-7390) called with a complaint that a FedEx truck had spilled a 30' stretch of hydraulic/ transmission fluid in front of his house. Responded, spoke with resident and used absorbent to collect as much of the spill as possible. Complaint closed.
Pool Discharge	2125	STEEPLEWOOD DR	7/16/2020	7/17/2020	Pool discharge from listed address. Was spoken to by Utilities and moved discharge to cleanout. Sent Pool Letter.
Illicit Discharge	3014	WOODHAVEN DR	7/20/2020	7/20/2020	Received a complaint of pond dredging discharging sludge to sanitary sewer. J. Brock responded and observed dredging materials discharging to roll off containers with water draining back to pond. No issue observed.
Pool Discharge	3105	BIRCH ST	7/24/2020	7/27/2020	Utilities observed a pool discharge and requested that the homeowner stop the discharge. Sent pool letter.
Pool Discharge	2928	SOUTHRIDGE DR	7/24/2020	7/27/2020	Utilities reported pool discharge and requested homeowner to stop discharge. Sent pool letter.
Pool Discharge	2713	INDIAN OAK DR	8/12/2020	8/20/2020	Code Enforcement reported a pool discharge at the listed address. NOV issued to A&M Plaster for discharge. Awaiting response.

Potable Water Release	1469	W STATE HWY 114	8/16/2020	8/18/2020	The City of Grapevine had a water main break at 6:00am today (Sunday 8/16/2020). The length of time of the release was about an hour with an estimated release of 24,000 gallons of potable water due to a pipe failure. The location of the release was 1469 W Hwy 114. Dechlorination began immediately upon arrival. Discharge was to a drainage in Farris Branch. The discharge is not expected to adversely affect the environment and will be monitored over the next 24-48 hrs. Reported to TCEQ as a precaution.
Sanitary Sewer Overflow	2900	N KIMBALL AVE	8/17/2020	8/18/2020	Loss of ~300 gallons of sewage due to contractor strike on force main. The spill was immediately contained and did not enter the City's MS4. Reported to TCEQ.
Illicit Discharge	1614	CHAPARRAL CT	8/19/2020	8/19/2020	ESD (D. Stoffels) received a call from Michael Sessions, TCEQ, who had received and "anonymous" complaint call regarding pool/sprinkler discharge to the listed address. Mr. Sessions was informed that this is an on going issue between the resident at the address and her neighbor and the ESD had been out numerous times to attend to the issue.
Potable Water Release	1251	METROPLACEDR	8/25/2020	8/26/2020	Release of between 700-1000 gallon of potable water do to a line fracture. Pipe was repaired. No environmental effects observed or expected. TCEQ did not require to be notified.

Illicit Discharge	1701	DOVE LOOP RD	9/6/2020	9/8/2020	Was notified of a private SSO at Marina Del Rey Apts (1701 Dove Loop Rd, Heidi Clark 817-481-4588, marinadelreymgr@valiantresidential.com). The spill was approximately 50 gallons of sewage that remained on the property and did not enter the City's MS4. The property manager was in the process of having a plumber fix the blockage and clean up the standing sewage. (Note: This event happened the night of 9/6/2020. ESD was not notified of the event until Tuesday (11/8/2020) morning. Had this not remained on site and traveled into the City's MS4 the City may have been in reporting violation for this spill. Utilities are aware of this misstep and have taken action to correct it.
Pool Discharge	3433	STONECRE ST DR	9/8/2020	9/9/2020	issued pool letter to Dana Kolling at 3433 Stonecrest for pool discharge.
Illicit Discharge	1200	MINTERS CHAPEL RD	9/11/2020	9/25/2020	Received a call from GVPD regarding the release of approximately 100 gallons of vodka (alcohol) from the listed address (Ste 500, Alliance Operating Services) from the loading dock across the parking lot with some entering the storm drain. The owner (Linda Galbraith, 817-430-9300, lgalbraith@allianceops.com) stated that the bottles were damaged so the contents had to be disposed of. The outfall and associated creek were observed and there was no noticeable effect on the aquatic environment or fauna. The material was readily evaporating from the surface of the parking lot, as well. The officer decided not to issue a citation, ESD will be issuing a NOV instead. NOV Response received 9/25/2020

T/R Truck Leaks	2602	KIMBERLY DR	9/15/2020	9/24/2020	<p>Trash Truck Leak: Resident reported that truck finished collecting trash on Monday (Trash Route 444) in the neighborhood and stopped in front of his house and truck leaked hydraulic fluid on the pavement.</p> <p>Please respond back to Environmental Services with answers to the questions below:</p> <ol style="list-style-type: none"> 1. The possible causes(s) of the problem(s). 2. The steps being taken to make sure this incident does not happen again in the future. <p>Route Supervisor was notified about complaint. Supervisor said the cleanup crew was in route to location to clean up spill, Tuesday, 09/15/2020 and number for trash truck is 3623.</p>
SSR Truck Leaks	719	CABERNET CT	9/18/2020	9/18/2020	Recycle truck left grease/oil/fluids all over the road. Route Supervisor was notified about complaint. Supervisor sent clean up crew to location to clean up spill on Friday, 09/18/2020.
Potable Water Release	4104	BEACON HILL CT	9/20/2020	9/21/2020	Water main break at listed address discharged ~5,000 gallons of potable water to Creek 1 drainage. Water was dechlorinated upon crew arrival. Colleyville was notified of the release and receiving ponds (N of Glade Rd between Roberts Rd and Pool Rd.) were observed by both Grapevine and Colleyville personnel. No environmental effects observed or expected.
Potable Water Release	3000	GRAPEVIN E MILLS PKWY	9/30/2020	9/30/2020	Loss of 3.5 million gallons of potable water from a water main break in the Grapevine Mills due to pipe failure. Associated with fish kill (see file).

Attachment 3

Number of CSN and NOI Provided to the City Annually
10/01/2019 through 9/30/2020

MEMORANDUM

City of Grapevine, TX

TO: *File*

FROM: *Gregg Moss, Environmental Specialist*

SUBJECT: *BMP 3.2 CSN and NOI Tracking*

DATE: *October 1, 2019*

(Last update: September 30, 2020)

Project Description: The development and maintenance of a construction site inventory through the tracking of CSN and NOI received by the municipality. Inspection records and visual observations will also be used to maintain a current inventory of construction activity in the MS4.

Objective: Tracking of CSN and NOI received by the MS4.

Activity to Implement: Maintain all CSN and NOI delivered to the City on file.

Measurable Goal: Provide number of CSN and NOI provided to the City annually.

of CSN – Small Site received during permit year: 8

of CSN – Large Site received during permit year: 5

Small site CSN received for:

500	SHADYBROOK DR	12/27/2019	Grapevine Animal Shelter
3091	DOVE RD	12/26/2019	Grapevine Fire Station #2
3100	TIMBERLINE DR	12/26/2019	Grapevine Fire Station #3
3601	WILLIAM D TATE AVE	2/14/2020	Oak Hills Plaza
409	JONES ST	3/31/2020	Grapevine Hill Estates
2301	WESTGATE PLAZA	1/15/2020	Medical Office site at 2301 Westgate Plaza
2114	N KIMBALL AVE	5/20/2020	Kimball Glen Estates
1100	KUBOTA DR	5/21/2020	Southland

Large site CSN received for:

2103	ANDERSON GIBSON RD	11/18/2019	Carter Addition
101	E GLADE RD	1/24/2020	The Preserve
1057	TEXAN TRL	3/10/2020	ONCOR Line Work (Vineyard Substation to ACOE Office)
800	MUSTANG DR	2/21/2020	Mustang Drive Public Improvements
2301	WILLIAM D TATE AVE	6/24/2020	Grapevine Honda

Attachment 4

Inventory of Active Construction Sites as of 9/30/2020

MEMORANDUM

City of Grapevine, TX

TO: *File*

FROM: *Gregg Moss, Environmental Specialist*

SUBJECT: *BMP 3.4 Active Construction Site Inventory*

DATE: *October 1, 2019*

(Last update: Sept 30, 2020)

Project Description: Maintaining an active inventory of all active construction sites in the MS4. This inventory will include all constructions sites in any phase of construction from grading to the issuance of the Certificate of Occupancy.

Objective: To ensure the MS4 maintains and recognizes the active construction sites in its jurisdiction. This list will provide the MS4 with a list of potential pollutant contributors to its stormwater system.

Activity to Implement: Develop and maintain an electronic construction site inventory.

Measurable Goal: Provide active construction site list with the annual report.

Current (as of 9/30/20) Number of Active Construction Sites: 32

Project Name	Location
Abba's Acres	Intersection of Meadowmere and Kimball Road
The Baker and The Wallis Apartments	3155 Stars and Stripes Way
Big Bear Creek Dog Park (City Project)	3234 SH360
DCT Fellowship West Ph II	3175 Bass Pro Drive
DL Rogers Annex	306 Dallas Rd.
Glade and Euleess-Grapevine Road Office	1000 W Glade Rd
Grapevine Animal Shelter	500 Shady Brook Dr
Grapevine Fire Station No. 2	3091 Dove Rd.
Grapevine Fire Station No. 3	3100 Timberline Dr.
Grapevine Hill Addition	Jones Street (off N Dooley)
Grapevine Honda	2301 William D Tate Ave
Grapevine Station North (801)	801 N Northwest Hwy
Grapevine Station North (1001)	1001 N Northwest Hwy
Hilton Garden Inn Expansion	2200 Bass Pro Court
Jefferson at Silverlake	Bass Pro Court and Hwy 26
Kimball Glen Estates	2114 N Kimball Ave
Kubota Parking Lot	1000 Kubota Dr.
Mustang Drive Improvements	800 Block of Mustang Drive
Oak Hills Plaza	3601 William D Tate
Oaks at Lonesome Dove Residential Development	3300 Lonesome Dove Rd
ONCOR Vineyards Switching Station	1057 Texas Trail
Park Hills Estates	901 N Park Blvd
Paycom	3489 State Highway 121
The Preserve	101 East Glade Rd
Reserve at Bear Creek	4201 State Highway 360
The Shops at Grapevine Mills Crossing	3540 Grapevine Mills Boulevard North
Southland Group	1100 Kubota Dr
Statham Estates	315 N Main St.
Summit Climbing Gym	3105 William D Tate
Tex Rail	Main St. & Hudgins
TexRail 12" Waterline	Main St. & Hudgins
2301 Westgate Plaza - Medical Office	2301 Westgate Plaza
Updated: 9/30/2020	

Attachment 5

List of Erosion and Sediment Control Plans Reviewed 10/01/2019 through 9/30/2020

MEMORANDUM

City of Grapevine, TX

TO: File

FROM: Gregg Moss, Environmental Specialist

SUBJECT: BMP 3.5 Review of Erosion and Sediment Control Plans

DATE: October 1, 2019

(Last update: Sept 30, 2020)

Project Description: Review of all erosion and sediment control plans by qualified personnel as part of pre-construction requirements, including determination of potential water quality impacts.

Objective: To ensure that new construction sites meet minimum erosion control requirements prior to the initiation of construction activities.

Activity to Implement: Develop and maintain an electronic erosion and site sediment control plan list.

Measurable Goal: Provide a list of reviewed plans with the annual report.

Number of ESC plans reviewed during PY 2020: 21

Address	Street	Date	Site Name
306	E DALLAS RD	10/1/2019	D.L. Horton
2311	LONESOME DOVE RD	10/24/2019	Foxfire Crossing
315	N MAIN ST	11/19/2019	Statham Estates
1060	TEXAN TRL	11/27/2019	GRACE property
3594	GRAPEVINE MILLS BLVD N	12/3/2019	7-11 (Grapevine Mills)
601	W WALL ST	12/6/2019	Fire Line Project
2301	WILLIAM D TATE AVE	12/30/2019	Grapevine Honda
3851	GRAPEVINE MILLS PKWY	1/8/2020	Q-Speed Car Wash
3509	GRAPEVINE MILLS BLVD N	2/10/2020	Standrock Resort and Waterpark
3105	WILLIAM D TATE AVE	2/10/2020	Summit Climbing Grapevine
2103	ANDERSON GIBSON RD	2/14/2020	Carter Addition - Offsite Sanitary Sewer
1414	N DOVE RD	2/27/2020	Dove Road Country Store
900	WILDWOOD LN	3/9/2020	Wildwood Crossing Addition
1414	DOVE RD	3/16/2020	Dove Road Country Store (Revised)
3509	GRAPEVINE MILLS BLVD N	3/16/2020	Stand Rock Resort and Hotel
2000	GRAPEVINE MILLS BLVD N	3/23/2020	Southland
2114	N KIMBALL AVE	4/28/2020	Kimball Glen
3851	GRAPEVINE MILLS PKWY	6/1/2020	Riverwalk Veterinary Clinic
2351	WILLIAM D TATE AVE	7/7/2020	Volkswagen of Grapevine
2301	WILLIAM D TATE AVE	7/31/2020	Grapevine Honda
2351	WILLIAM D TATE AVE	8/20/2020	Volkswagen of Grapevine

Attachment 6

List of Pre-Construction Meetings Held 10/01/2019 through 9/30/2020

MEMORANDUM

City of Grapevine, TX

TO: File

FROM: Gregg Moss, Environmental Specialist

SUBJECT: BMP 3.6 Pre-Construction Meetings

DATE: October 1, 2019

(Last update: Sept 30, 2020)

Project Description: Host Pre-Construction meetings with contractors/ property owners and present erosion and sediment control requirements and expectations.

Objective: To ensure that new construction sites meet minimum erosion control requirements prior to the initiation of construction activities. Use meeting as an educational tool to inform builders of requirements and expectations.

Activity to Implement: Develop and maintain an electronic construction site inventory.

Measurable Goal: Provide active construction site list with the annual report.

Number of Pre-Construction Meetings held in PY 2020: 1

#	Street	Date	Site
306	E DALLAS RD	10/1/2019	D.L. Rogers Corp Office
1044	TEXAN TRL	10/1/2019	McMillan James Office and Warehouse
2013	ANDERSON GIBSON RD	11/5/2019	Carter Addition
315	N MAIN ST	11/19/2019	Statham Estates subdivision
3079	PARR LN	12/2/2019	Eggers Addition.
601	W WALL ST	12/17/2019	fire line install
2301	WESTGATE PLAZA	12/19/2019	Medical Office Building and Detention Pond Rehabilitation
2805	BASS PRO DR	12/26/2019	Waffle House (Bass Pro Drive)
1000	KUBOTA DR	1/21/2020	Kubota Parking Lot
800	MUSTANG DR	2/13/2020	Mustang Drive Improvements (secondary to DFW warehouse construction).
2311	LONESOME DOVE RD	2/27/2020	Fox Fire Crossing
1057	TEXAN TRL	3/31/2020	ONCOR Vineyard Substation
2310	N KIMBALL RD	4/28/2020	Kimball Glen
2301	WILLIAM D TATE AVE	5/5/2020	Grapevine Honda
1100	KUBOTA DR	5/7/2020	Southland
3105	WILLIAM D TATE AVE	6/4/2020	Summit Climbing Grapevine
1000	W GLADE RD	9/1/2020	Glade Road Business Center

Attachment 7

Current Post-Construction BMP Map as of 9/30/2020

MEMORANDUM

City of Grapevine, TX

TO: *File*

FROM: *Gregg Moss, Environmental Specialist*

SUBJECT: *BMP 4.5 Post-construction BMP Map*

DATE: *October 1, 2019*

(Last update: Sept 30, 2020)

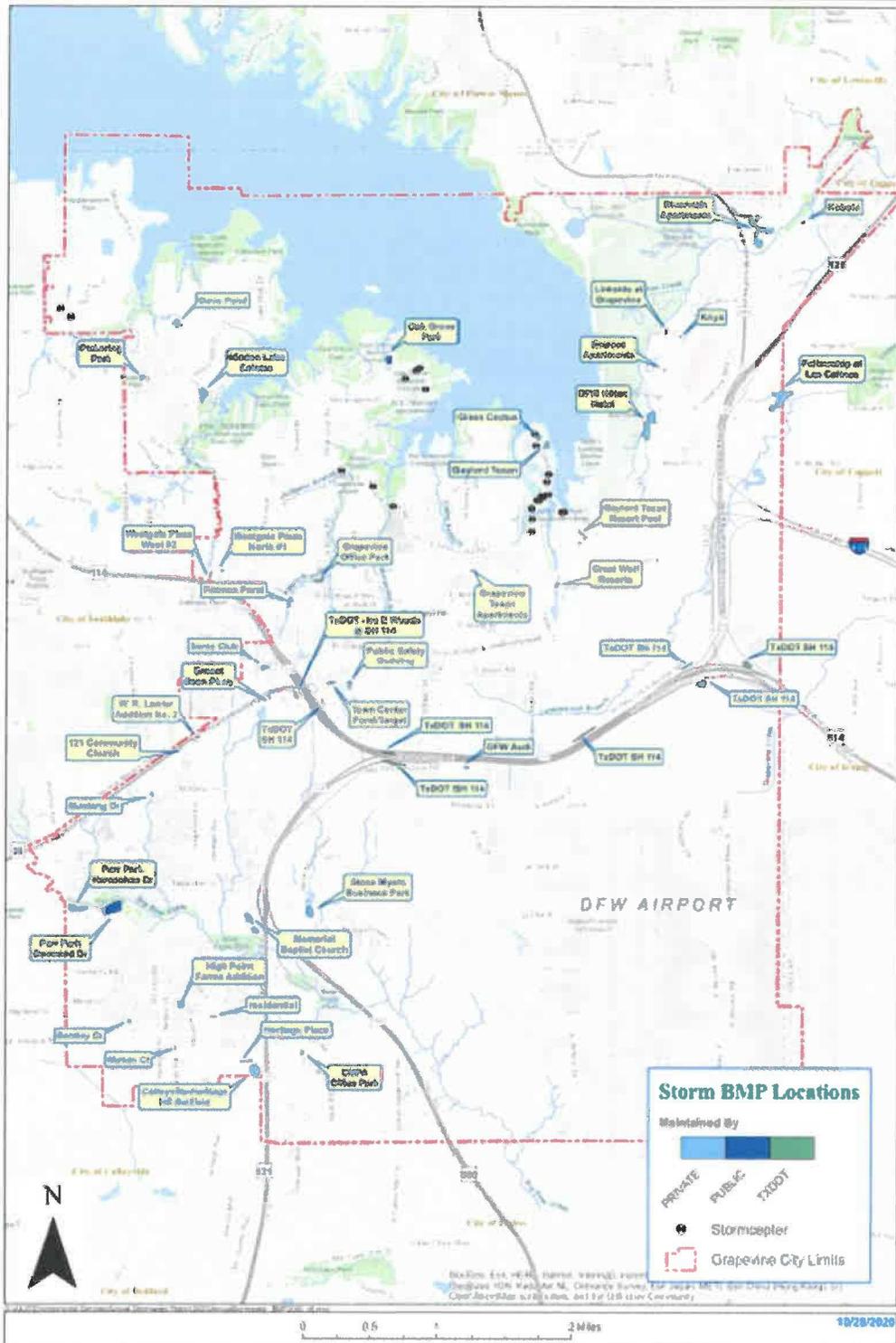
Project Description: The development and maintenance of a comprehensive post-construction BMP map of all known publically and privately owned BMPs.

Objective: To ensure that all publically and privately owned post-construction control BMPs are mapped and the location and discharge points are known.

Activity to Implement: Develop a map of all known constructed detention facilities.

Measurable Goal: Provide map of all known constructed detention facilities with annual report.

City of Grapevine Storm - BMP



Attachment 8

List of Pollution Prevention Audits of Municipal Facilities 10/01/2019 through 9/30/2020

MEMORANDUM

City of Grapevine, TX

TO: *File*

FROM: *Gregg Moss, Environmental Specialist*

SUBJECT: *BMP 5.1 City Facility Pollution Prevention Audits*

DATE: *October 1, 2019*

(Last update: August 17, 2020)

Project Description: Develop an inventory and map of all City-owned and operated facilities. Determine those facilities are "High Priority" with respect to potential stormwater issues. Develop P2 SOPs and audit those facilities for P2 compliance.

Objective: To determine which City facilities fall into the category of "High Priority" and develop adequate pollution plans for those facilities. Audit those locations for compliance with pollution prevention SOPs.

Activity to Implement: Inspect "High Priority" Facilities.

Measurable Goal: Conduct one audit of each "High Priority" facility per year.

Attached is a list of the facility audits conducted (all audit forms are on file).

Facility Name	Facility Address	Facility Primary Department	Facility Contact	Date of Inspection(s)	Facility Disposition	Documentation Required	Notes
Municipal Service Center	501 Shady Brook Dr	Public Works - Operations	Keith Miertschin	12/18/19, 2/7/20, 5/8/20, 8/17/20	Full Inspection (See File)	Municipal Facility Audit	Location has material storage
Waste Water Treatment Plant	602 Shady Brook Dr	Public Works - Utilities	Jeff Hatch	5/29/2020	Full Inspection (See File)	Municipal Facility Audit	
Water Treatment Plant	2600 Fairway Dr	Public Works - Utilities	Karl Moellering	5/29/2020	Full Inspection (See File)	Municipal Facility Audit	
Golf Maintenance Facility	3800 Fairway Dr	Finance - Golf	Merlin Tielkemeier	5/29/2020	Full Inspection (See File)	Municipal Facility Audit	Location has material storage
Grapevine Vintage Railroad	203 W Dallas Rd	CVB	Matthew Keefover	6/3/2020	Full Inspection (See File)	Municipal Facility Audit	
Fire Station #1	601 Boyd Dr	DPS	Darrell Brown	5/23/2020	Zero Discharge	Municipal Facility Checklist	
Fire Station #2	2801 Panhandle Dr	DPS	Darrell Brown	5/23/2020	Zero Discharge	Municipal Facility Checklist	
Fire Station #3	2627 Briarwood Dr	DPS	Darrell Brown	5/23/2020	Zero Discharge	Municipal Facility Checklist	
Fire Station #4	4500 Merlot Ave	DPS	Darrell Brown	5/23/2020	Zero Discharge	Municipal Facility Checklist	
Fire Station #5	2801 N Grapevine Mills Blvd	DPS	Darrell Brown	5/23/2020	Zero Discharge	Municipal Facility Checklist	
Grapevine Public Safety Building	1007 Ira E Woods Ave	DPS	Todd Dearing	5/22/2020	Zero Discharge	Municipal Facility Checklist	
Grapevine Animal Shelter	500 Shady Brook Dr	DPS	Kristina Valentine	5/22/2020	Zero Discharge	Municipal Facility Checklist	Currently under construction
Grapevine Botanical Gardens	411 Ball Street	Parks and Recreation	Trace Worthy	5/22/2020	Zero Discharge	Municipal Facility Checklist	
Dove Pool Park	7000 Dove Rd	Parks and Recreation	Kurt Hardin	5/22/2020	Zero Discharge	Municipal Facility Checklist	Location has an outdoor pool
Pleasant Glade Pool	1805 Hall Johnson Rd	Parks and Recreation	Kurt Hardin	5/22/2020	Zero Discharge	Municipal Facility Checklist	Location has an outdoor pool
Bear Creek Park	3230 SH360	Parks and Recreation	Tony Steele	5/22/2020	Zero Discharge	Municipal Facility Checklist	Location has dog park with splash pad
Meadowmere Park	3000 Meadowmere Ln	Parks and Recreation	Randy Sell	5/22/2020	Zero Discharge	Municipal Facility Checklist	
Nash Farm	626 Ball St	CVB	Cody Joliff	5/26/2020	Zero Discharge	Municipal Facility Checklist	
Oak Grove Ball Park	2520 Oak Grove Loop S	Parks and Recreation	Rusty Walker	5/26/2020	Zero Discharge	Municipal Facility Checklist	Location has material storage
Oak Grove Softball Complex	2700 Dove Loop Rd	Parks and Recreation	Rusty Walker	5/1/2020	Zero Discharge	Municipal Facility Checklist	Location has material storage
Parr Park	3010 Parr Ln	Parks and Recreation	Tony Steele	5/26/2020	Zero Discharge	Municipal Facility Checklist	Location has a splash pad
Vineyards Campground	1501 N Dooley	Parks and Recreation	Randy Sell	5/26/2020	Zero Discharge	Municipal Facility Checklist	

Note: A Disposition of Zero Discharge means that any chemical storage or potential pollutants are stored inside, out of the weather and stormwater runoff. Facilities are still inspected on an annual basis.

Attachment 9

List of Stormwater Controls Status as of 9/30/2020

MEMORANDUM

City of Grapevine, TX

TO: *File*

FROM: *Gregg Moss, Environmental Specialist*

SUBJECT: *BMP 5.4 Stormwater Controls for High Priority Facilities*

DATE: *October 1, 2019*

(Last update: Sept 30, 2020)

Project Description: Identify and assess stormwater controls at each of the listed facilities. Determine whether new controls are required for each facility. If new controls are deemed necessary, install those controls. Refer to BMP 5.1 for the determination of “High Priority” facilities.

Objective: To determine which, if any, “High Priority” facilities require stormwater controls above and beyond those currently installed in order to prevent stormwater pollution from municipal activities.

Activity to Implement: Determine if new controls are required.

Measurable Goal: Provide a list of potential controls.

The following are potential Stormwater controls to be considered at “High Priority” facilities:

City Facilities			
NAME	ADDRESS	Department	Potential New Controls
Fire Station #2	2801 Panhandle Dr	Fire	None
Fire Station #1	601 Boyd Dr	Fire	None
Fire Station #3	2627 Briarwood	Fire	None
Fire Station #4	4500 Merlot Ave	Fire	None
Fire Station #5	2801 Grapevine Mills Bl	Fire	None
Department of Public Safety	1007 Ira E. Woods Ave	Public Safety	None
Animal Control	500 Shady Brook Dr	Public Safety	None
Water Treatment Plant	2600 Fairway Dr	Public Works	None
Wastewater Treatment Plant	602 Shady Brook Dr	Public Works	- Stabilize North side slope. - Increase Street Sweeping.
Municipal Service Center	501 Shady Brook Dr	Public Works	- Cover stockpiles. - Protect drains downhill of stockpiles. - Install device to remove sediment from vehicles exiting Auxiliary Yard.
DOVE CROSSING PARK	1701 Stoneway Dr	Parks	None
NAME	ADDRESS	Department	Potential New Controls
DOVE PARK - POOL	1509 Hood Ln	Parks	None

GRAPEVINE GOLF COURSE	3800 Fairway Dr	Parks	- Cover stockpiles.
HERITAGE PARK/BOTANICAL GARDEN	411 Ball St	Parks	None
MEADOWMERE PARK	3000 Meadowmere Ln	Parks	None
OAK GROVE PARK	Oak Grove Loop N & Soccer Rd	Parks	None
PARR PARK	3010 Parr Ln	Parks	None
PLEASANT GLADE POOL	1805 Hall Johnson Rd	Parks	None
ROCKLEDGE PARK	3851 Fairway Dr	Parks	None
THE VINEYARDS CAMPGROUND	1501 N Dooley St	Parks	None
NASH FARM	626 Ball St	CVB	None
GRAPEVINE VINTAGE RAILROAD	208 W. Dallas Rd.	CVB	None

Attachment 10

SSOi Reporting Information
As of 9/30/2020

Jon Niemann, Chairman
Emily Lindley, Commissioner
Bobby Janocka, Commissioner
Toby Baker, Executive Director



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

January 21, 2020

E-SIGNATURE #9171 9690 0935 0234 7126 46

Mr. Jeffrey Hatch, Wastewater Plant Manager
City of Grapevine
201 Shady Brook Dr.
Grapevine, Texas 76051-8214

Re: **Notice of SSO Plan Acceptance**
Sanitary Sewer Overflow (SSO) Initiative
Grapevine Wastewater Treatment Plant, Grapevine (Tarrant County), Texas
Regulated Entry No. 102614352, TCEQ ID No. WQ0010486-002, EPA ID No.: TX0032018

Dear Mr. Hatch:

The Texas Commission on Environmental Quality's (TCEQ) Dallas/Fort Worth (DFW) Region Office has completed the review of your Sanitary Sewer Overflow (SSO) Plan dated December 5, 2019. The plan appears to address the SSOs in your collection system. Based upon our review, your plan is approved and will be forwarded to the Enforcement Division for incorporation into an Agreement. Please note that upon receipt, the Enforcement Division will also review the plan and may request additional information if necessary, to formalize your SSO Plan into the Agreement.

In addition, you should be aware that participation in the TCEQ's SSO Initiative does not preclude federal enforcement action taken by the Environmental Protection Agency.

If you or members of your staff have any questions, please feel free to contact Ms. Carol Moulton at the DFW Region Office at (817) 588-5894.

Sincerely,

A handwritten signature in black ink, appearing to read "Greg Davis".

Greg Davis, Wastewater Team Leader
Dallas/Fort Worth Region Office
Texas Commission on Environmental Quality

GD/cm

TCEQ Region 4-Dallas/Fort Worth • 2309 Gravel Dr. • Fort Worth, Texas 76118-6951 • 817-588-5800 • Fax 817-588-5700

Austin Headquarters: 512-239-1000 • tceq.texas.gov • How is our customer service? tceq.texas.gov/customer/survey

printed on recycled paper

Attachment 11

List OSSF Issues Provided by Tarrant County 10/01/2019 through 9/30/2020

Gregg Moss

From: Rebecca L. Grassl-Petersen <RLGrassl-Petersen@TarrantCounty.com>
Sent: Friday, October 23, 2020 9:42 AM
To: Gregg Moss
Cc: Yvonne Brinkley
Subject: RE: FY 2020 OSSF Issues in Grapevine

*** EXTERNAL EMAIL COMMUNICATION - PLEASE USE CAUTION BEFORE CLICKING LINKS AND/OR OPENING ATTACHMENTS ***

Good Morning Gregg,

Yvonne got with me and there are no reported/permited OSSF's or complaints for Grapevine from 10-1-2019 to 9-30-2020

Please let us know if you have further questions.

Have a nice day,

Becca Grassl-Petersen, D.R.#8158
Stormwater Coordinator
TC-Environmental Division

Think Green and conserve paper. Only print when necessary.

From: Gregg Moss <gmoss@grapevintexas.gov>
Sent: Tuesday, October 20, 2020 9:30 AM
To: Yvonne Brinkley <YBrinkley@TarrantCounty.com>
Cc: Rebecca L. Grassl-Petersen <RLGrassl-Petersen@TarrantCounty.com>; David G. Jefferson <DGJefferson@TarrantCounty.com>
Subject: FY 2020 OSSF Issues in Grapevine

EXTERNAL EMAIL ALERT! Think Before You Click!

Yvonne

Can you tell me how many OSSF issues were reported to Tarrant County from 10-1-2019 to 9-30-2020 from Grapevine (76051)? We need the information for our annual stormwater report to TCEQ.

Thank you!

Gregg Moss MS, CPMSM, CSI
Environmental Specialist II
City of Grapevine
gmoss@grapevintexas.gov
O: 817-410-3330
F: 817-410-3051

Attachment 12

List of Liquid Waste Haulers and Number of Manifests Received 10/01/2019 through 9/30/2020

MEMORANDUM **City of Grapevine, TX**

TO: *File*

FROM: *Gregg Moss, Environmental Specialist*

SUBJECT: *BMP TMDL-3 Liquid Waste Hauling*

DATE: *October 1, 2019*

(Last update: Sept 30, 2020)

Project Description: The MS4 will maintain electronic records of all liquid waste hauling manifests received by the City.

Objective: To track liquid waste hauler use within the City/ MS4. Provides an additional resource when tracking potential sources of bacteria.

Activity to Implement: Electronically record all liquid waste hauler manifests received by the City.

Measurable Goal: Provide number of waste haulers and number of manifests received annually.

A total of 11 waste haulers submitted manifests during PY 2020.

A total of 486 manifests were received during PY 2020.

Attachment 13

Surface Water pH Sampling Results Conducted from
10/01/2019 through 9/30/2020

Creek Name	Major Drainage	Season	Date Sampled	Time	Air Temp	Stream Flow	Water Color	Water Temp (C)	pH (su)
Silver Lake Branch	GPVL	Fall	12/16/2019	13:00		Dry			
Cable Branch	GPVL	Fall	12/16/2019	13:10	5	Normal	Clear	18.1	7.8
Farris Branch	GPVL	Fall	12/16/2019	13:40	5	Normal	Brown	19.2	7.4
Morehead Branch	GPVL	Fall	12/16/2019	14:00	5	Normal	Green	15.4	7.9
Dove Branch	GPVL	Fall	12/16/2019	14:30	5	Normal	Clear	14.8	7.6
Jones Branch	GPVL	Fall	12/16/2019	13:25	5	Normal	Clear	14.7	7.8
Silver Lake Branch	GPVL	Winter	2/24/2020	11:00		Dry			
Cable Branch	GPVL	Winter	2/25/2020	9:30	8	Normal	Clear	12.1	7
Farris Branch	GPVL	Winter	2/25/2020	10:30	11	Normal	Brown	13.7	7.7
Morehead Branch	GPVL	Winter	2/25/2020	10:00	9	Normal	Brown	16.5	7.8
Dove Branch	GPVL	Winter	2/24/2020	14:30	18	Normal	Green	17.8	8.1
Jones Branch	GPVL	Winter	2/24/2020	14:00	18	Normal	Brown	16.5	7.9
Silver Lake Branch	GPVL	Spring	5/11/2020	14:15		Dry			
Cable Branch	GPVL	Spring	5/11/2020	14:30	25	Normal	Green	22.9	7.9
Farris Branch	GPVL	Spring	5/11/2020	15:15	25	Normal	Green	23.2	7.9
Morehead Branch	GPVL	Spring	5/11/2020	14:55	25	Normal	Clear	24.6	7.9
Dove Branch	GPVL	Spring	5/11/2020	15:55	25	Normal	Clear	22.1	8.3
Jones Branch	GPVL	Spring	5/11/2020	15:35	25	Normal	Clear	22.4	8.2
Silver Lake Branch	GPVL	Summer	8/18/2020	10:00	28	Dry			
Cable Branch	GPVL	Summer	8/18/2020	10:20	28	Normal	Clear	26.9	8.3
Farris Branch	GPVL	Summer	8/18/2020	14:25	33	Low	Green	29.8	8.3
Morehead Branch	GPVL	Summer	8/18/2020	14:00	33	Normal	Brown	30.9	8.1
Dove Branch	GPVL	Summer	8/18/2020	14:50	34	Dry			
Jones Branch	GPVL	Summer	8/18/2020	15:20	34	Dry			