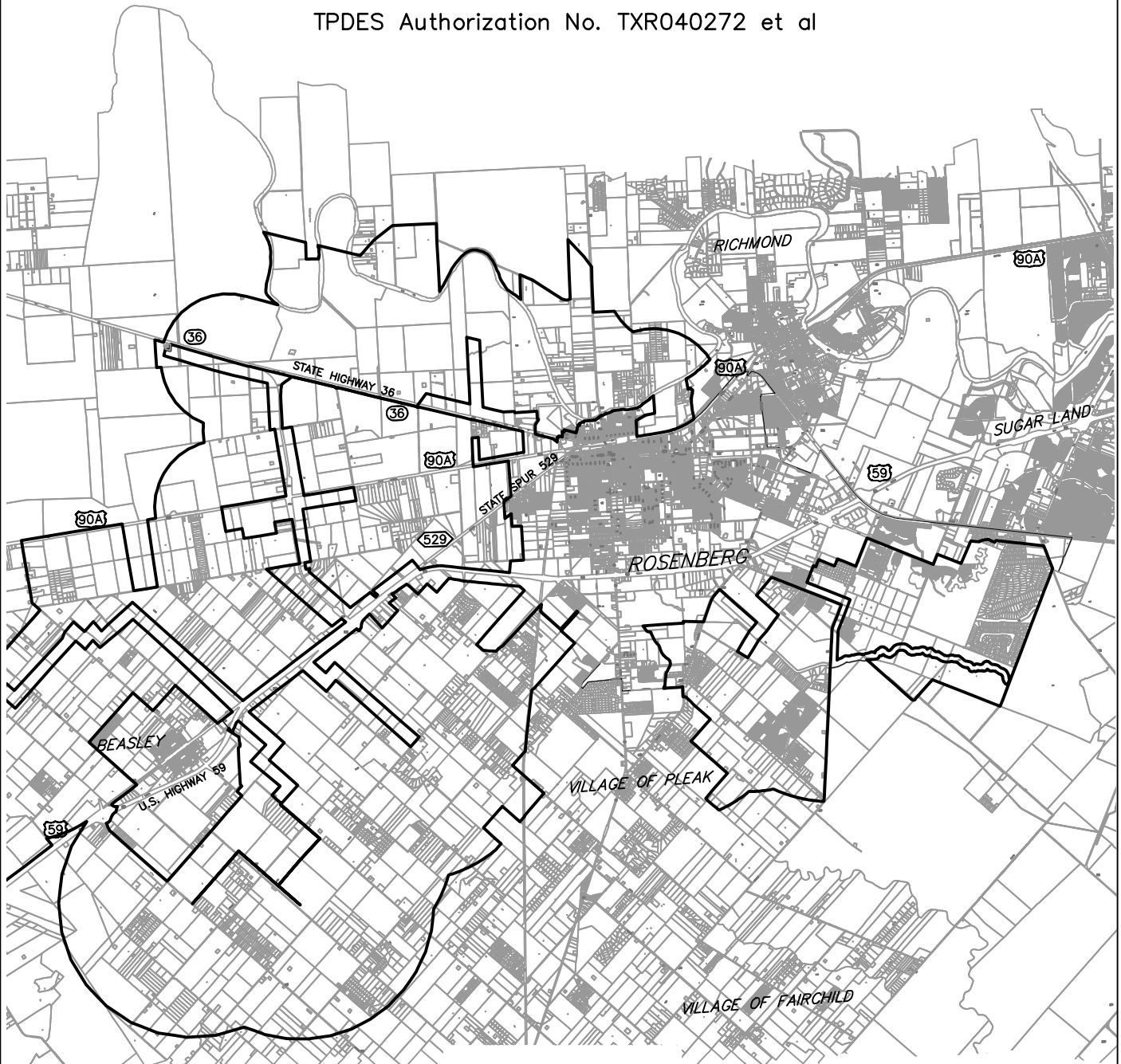


MS4 PHASE II ANNUAL REPORT PERMIT YEAR 4: 2022 FOR CITY OF ROSENBERG & JOINT DISTRICTS

FORT BEND COUNTY, TEXAS
TPDES Authorization No. TXR040272 et al



MARCH 2023
Job No. R0001-0059-02



QUIDDITY

Texas Board of Professional Engineers and Land Surveyors Registration Nos. F-23290 & 10046100
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Phase II (Small) MS4 Annual Report Form
TPDES General Permit Number TXR040000

A. General Information

Authorization Numbers: TXR040272 – City of Rosenberg

TXR040588 – Fort Bend County MUD No. 144

TXR040582 – Fort Bend County MUD No. 147

TXR040481 – Fort Bend County MUD No. 159

TXR040551 – Fort Bend County MUD No. 167

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

Annual Reporting Year Option Selected by MS4:

Calendar Year: X

Permit Year:

Fiscal Year: Last day of fiscal year:

Reporting period beginning date: (month/date/year): January 1, 2022

Reporting period end date: (month/date/year): December 31, 2022

Operator Level: Level 2

Name of MS4: Main MS4 Administrator - City of Rosenberg (the names of the 4 Joint MS4 Districts is Provided Above and in Section H)

Contact Name: Liz Stone with Quiddity Engineering

Telephone Number: (281) 363-4039

Mailing Address: 1575 Sawdust Road, Suite 400, The Woodlands, TX 77380

E-mail Address: lstone@quiddity.com

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

Region the annual report was submitted to: TCEQ Region: 12 - Houston

B. Status of Compliance with the MS4 GP and SWMP

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.	Yes		The MS4s submitted their SWMP to TCEQ by the requested deadline, and SWMP is currently in review by the TCEQ; Annual Report was completed based on the SWMP that was submitted at this time.
Permittee is currently in compliance with recordkeeping and reporting requirements.	Yes		The MS4s have submitted a concise annual report and retained applicable records as outlined in the TPDES General Permit No. TXR040000.
Permittee meets the eligibility requirements of the permit (e.g., TMDL requirements, Edwards Aquifer limitations, compliance history, etc.).	Yes		The MS4s meets all eligibility requirements outlined in the TPDES General Permit No. TXR040000.
Permittee conducted an annual review of its SWMP in conjunction with preparation of the annual report.	Yes		The MS4s have conducted an annual review of the SWMP as outlined in the TPDES General Permit No. TXR040000.

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

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)
1.	3.1 Utility Bill Inserts	YES. The City distributed approximately 20,400 newsletters with educational information for residents concerning Fats, Oils, and Grease (FOG) proper disposal and collection guidelines for trash, green and bulk waste, and recycling practices. .

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)
1.	3.2 Utilize MS4 Website	<p>YES. This City has a dedicated stormwater management website https://www.rosenbergtx.gov/332/Storm-Water-Management which has various public education information that pertains to Household Hazardous Waste (HHW) and general housekeeping practices. Additionally, the City has a stormwater quality video developed by the City of Garland, Texas posted on their website. The City posted their previous Annual Reports on their website, too. The City's monthly "Insider" newsletter is also posted to their website which has several education articles geared towards residents and advertises events that residents can participate in to improve their impact on the storm sewer system (https://tx-rosenberg.civicplus.com/175/Communications).</p>
1.	4.1 Storm Drain Marking	<p>YES. Approximately 30 inlets were marked by volunteers in Permit Year 4. The City will continue to offer volunteers the opportunity to mark new inlets or replace missing/illegible markers, as needed, in the upcoming permit years.</p>
1.	4.2 Volunteer Recycling Program	<p>YES. The City continued the weekly, volunteer recycling program for residents within the City's service area. Additionally, the City provides recycling guidelines on their website (Recycling Rosenberg, TX (rosenbergtx.gov)). The City also held a Paper Shredding event in March 2022 and a Tire Collection event in October 2022. The materials collected for both events were properly recycled.</p>
2.	3.1 Maps of Inlets, Storm Sewer Lines, Outfalls, Surface Waters & Structural Controls	<p>YES. The City's map was evaluated and minor updates were needed during Permit Year 4. The joint Districts own stormwater detention facilities and do not utilize storm sewer maps.</p>

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)
2.	4.1 Training for Illicit Discharge Detection & Elimination	YES. An MS4 Training Session was conducted on July 12, 2022 through a webinar by an MS4 Consultant. The training presentation described the impacts stormwater discharges have on local water ways and how to identify illicit discharges, illegal connections, and illegal dumping. The recorded presentation was also placed on the Consultant's website https://quiddity.com/municipal-separate-storm-sewer-system-training/ . A sign-in sheet and certificate of attendance were documented for the attendees.
2.	5.1 Public Reporting Using Utility Bill Inserts	YES. Each monthly distribution of the City's newsletters "Rosenberg Insider" has a phone number for Citizen Relations for residents to report illicit discharges and other pollution violations. The City distributed approximately 10,200 copies of the newsletter every month.
2.	5.2 Public Reporting Using Electronic Education	YES. The City continued to post their reporting hotline phone number on their dedicated stormwater quality webpage. Additionally, the City has a general email for the public to submit complaints or potential violations; these can include code enforcement as it may relate to stormwater quality concerns.
3.	6.1 Training for Construction Site Stormwater Runoff Control	YES. An MS4 Training Session was conducted on July 12, 2022 through a webinar by an MS4 Consultant. The training presentation provided educational training on how to identify construction site issues and enforcement procedures to ensure applicable construction sites to maintain in compliance with the Construction General Permit TPDES TXR150000. The recorded presentation was also placed on the Consultant's website https://quiddity.com/municipal-separate-storm-sewer-system-training/ . A sign-in sheet and certificate of attendance were documented for the attendees.

MCM(s)	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)
4.	6.1 Training for Post-Construction Stormwater Controls	YES. An MS4 Training Session was conducted on July 12, 2022 through a webinar by an MS4 Consultant. The training presentation provided educational training on the post-construction site stormwater runoff control program and the guidance document that is referenced. The recorded presentation was also placed on the Consultant's website https://quiddity.com/municipal-separate-storm-sewer-system-training/ . A sign-in sheet and certificate of attendance were documented for the attendees.
5.	4.1 Training for Pollution Prevention & Good Housekeeping	YES. An MS4 Training Session was conducted on July 12, 2022 through a webinar by the MS4 Consultant. The presentation provided educational training to those who are responsible for implementing municipal pollution prevention measures and good housekeeping principals. The recorded presentation was also placed on the Consultant's website https://quiddity.com/municipal-separate-storm-sewer-system-training/ . A sign-in sheet and certificate of attendance were documented for the attendees.
5.	5.1 Disposal of Waste	YES. Approximately, seven (7) spill response kits are readily available at various City facilities to reduce non-allowable discharges into the MS4. The City ensured that all waste collected at their facilities were properly disposed in accordance with 30 TAC Chapter 330 and 335.
5.	7.1 Municipal Operation & Maintenance Activities	YES. The City performed various operation and maintenance activities on their facilities to ensure that runoff could not be categorized as an illicit discharge.

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 the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
1.	3.1	Utility Bill Inserts	20,400	Educational Articles/Events	NO. In Permit Year 4, the City distributed approximately, 20,400 various educational material in the City's "Insider" newsletter. Though this BMP does not result in a direct reduction of pollutants, educational inserts provide information on good housekeeping principles and pollution prevention measures.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
1.	3.2	Utilize MS4	1 1 1	Dedicated MS4 Website Utilize MS4 Social Media Accounts Fats, Oils, and Grease (FOG) Dedicated Webpage	NO. The City has a dedicated stormwater quality website https://www.rosenbergtx.gov/332/Storm-Water-Management that has various education resources available for the public. The City's posted their previous Annual Reports on their SWMP website, too, as required by the General Permit. The City also posted some educational items and events on their social media accounts. Digital copies of the City's "Insider" newsletter are also available online. The City also has a dedicated Fats, Oils, and Grease (FOG) webpage (https://www.rosenbergtx.gov/604/FOG-Program-Fats-Oils-Grease) aimed at residential and commercial users. While these BMPs do not directly reduce pollutants into the receiving stream it helps to educate the public.
1.	4.1	Storm Drain Marking	3,047	Inlet Markers	YES. In Permit Year 4, 30 inlet markers were placed which increased the total amount installed in the City to approximately 3,047. Since these are placed on inlets which are directly connected to the MS4, this BMP can have a direct impact in the reducing of pollutants.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
1.	4.2	Recycling Program	52 1 106 718	Weekly Paper Shredding Event 65-gallon Containers of Shredded Paper Tires Collected for Recycling	YES. A weekly volunteer recycling program continued to be provided for all users within the city service area. In March 2022, the City held a Paper Shredding event which shredded approximately 106, 65-gallon poly cart of paper. In October 2022, the City held a Tire Collection event that collected 718 tires. These programs allow direct public involvement to reduce pollutants in the storm sewer system and promotes good housekeeping principals.
1.	5.1	Opportunity for Public Comment	12	Public Opportunity	YES. Permit Year 4 BMPs can be discussed at least monthly at the City's Council Meetings that are open to the public. This allows the public to provide comments/questions about the program. The council meetings are also shown on the City's Municipal Television Channel both live and on-demand. This BMP can have a direct reduction in pollutants, but it depends on the manner of the comment. No comments were received in Permit Year 4.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
2.	3.1	Maps of Inlets, Storm Sewer Lines, Outfalls, Surface Waters, & Structural Controls	1	MS4 Map	NO. The City's map was evaluated and minor updates were needed in Permit Year 4. The joint MS4s own stormwater detention facilities and do not utilize storm sewer maps. This BMP does not directly demonstrate a reduction in pollutants.
2.	4.1	Training for Illicit Discharge Detection and Elimination	1	Training Program	YES. The MS4 Training Session was conducted on July 12, 2022. The training presentation can have a direct reduction in pollutants by helping field personnel identify an illicit discharge.
2.	5.1	Public Reporting Using Utility Bill Insert	10,200	Educational Inserts	YES. The City distributed educational inserts/newsletters to residents which included a telephone number to report pollution violations. This BMP can directly impact the reduction of pollutants in stormwater.
2.	5.2	Public Reporting Using Electronic Education	1	Active Hotline Phone Number	YES. The City continued to post their reporting phone number on their dedicated stormwater quality webpage.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
2	6.1.	Responding to Illicit Discharge	5	Illicit Discharges	YES. Approximately, five (5) incidents of illicit discharges and illegal dumping were reported during Permit Year 4. The City promptly responded to the cases and conducted appropriate actions. This BMP can directly impact the reduction of pollutants in stormwater.
2	6.2.	Source Investigation of Illicit Discharge	5	Illicit Discharges	YES. The five (5) incidents of illicit discharges and illegal dumping were investigated by the City. City staff visually investigated the affected areas to decide a course of action. This BMP can directly impact the reduction of pollutants in stormwater.
2	6.3.	Source Elimination of Illicit Discharge	5	Illicit Discharges	YES. The five (5) incidents of illicit discharges and illegal dumping were promptly eliminated by properly removing the illicit material. No violations were issued by the City, but the property owners were issued invoices by the City to pay for the cleanup. This BMP can directly impact the reduction of pollutants in stormwater.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
2.	7.1	Evaluate the City Ordinance	1	Ordinance	YES. Recommendation on the City's Ordinance were presented in Permit Year 3. These comments were evaluated in Permit Year 4, and if agreed by the City a draft Ordinance will be prepared for formal consideration and adoption in an upcoming permit year. It can have a direct reduction in pollutants.
3.	3.1	Evaluate the City Ordinance	1	Ordinance	YES. Recommendation on the City's Ordinance were presented in Permit Year 3. These comments were evaluated in Permit Year 4, and if agreed by the City a draft Ordinance will be prepared for formal consideration and adoption in an upcoming permit year. It can have a direct reduction in pollutants.
3.	4.1	Construction Site Plan Review	74	Infrastructure Permit	NO. A total of 74 Infrastructure Permits were compiled by the City in Permit Year 4. An Infrastructure Permit needs to be obtained for all construction activities in the City's jurisdiction. While these reviews are helpful in reducing pollutants into the receiving waters, they do not directly impact the MS4.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
3.	5.1	Construction Site Inspection & Enforcement	Varies	Construction Site Inspections	YES. The City performed varied construction site inspections to verify appropriate BMPs were placed as stated from their plan review drawings. An exact number is not available. The inspections have a direct reduction in pollutants.
3.	6.1	Training for Construction Site Storm Water Runoff Control	1	Training Program	YES. The MS4 Training Session was conducted on July 12, 2022. The training presentation can have a direct reduction in pollutants by helping field personnel identify an illicit discharge and other construction site concerns.
3.	7.1	Guidance Manual for Construction Site Storm Water Runoff Control	1	Guidance Manual	NO. The "Storm Water Management Handbook for Construction Activities" created by local agencies was utilized to aid in implementing construction site BMPs. While the guidance manual provides information on how to implement erosion and sediment controls, soil stabilization, and best management practices it does not have a direct reduction in pollutants.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
3.	8.1	Inventory of Construction Site	1	Inventory Document	NO. The City maintained an inventory of all active, permitted construction sites that occurred in Permit Year 4. This is available upon request but does not directly reduce pollutants.
4.	3.1	Evaluate the City Ordinance	1	Ordinance	YES. Recommendation on the City's Ordinance were presented in Permit Year 3. These comments were evaluated in Permit Year 4, and if agreed by the City a draft Ordinance will be prepared for formal consideration and adoption in an upcoming permit year. It can have a direct reduction in pollutants.
4.	4.1	Guidance Manual for Post-Construction Storm Water Controls	1	Guidance Manual	NO. The "Storm Water Management Handbook for Construction Activities" created by local agencies was utilized to aid in implementing post-construction BMPs. While the guidance manual provides information on how to implement post-construction best management practices it does not have a direct reduction in pollutants.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
4.	6.1	Training for Post-Construction Storm Water Controls	1	Training Program	YES. The MS4 Training Session was conducted on July 12, 2022. The training presentation can have a direct reduction in pollutants by helping field personnel identify an illicit discharge from permanent stormwater control features.
5.	3.1	Inventory of Facilities & Storm Water Structural Controls	1	List of Municipal Facilities	NO. The City's list of facilities was evaluated and minor updates were made in Permit Year 4. The joint MS4s only own stormwater detention facilities and do not utilize an inventory list. The City's list does not have a direct reduction in pollutants in the MS4.
5.	4.1	Training for Pollution Prevention & Good Housekeeping	1	Training Program	YES. The MS4 Training Program was conducted on July 12, 2022. The training presentation can have a direct reduction in pollutants by helping field personnel conduct municipal activities that do not negatively impact the MS4.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
5.	5.1	Disposal of Waste	7	Spill Response Kits	YES. The City provided seven (7) spill response kits at City facilities to prevent illicit discharges from entering the storm sewer system. The City ensured all municipal waste materials removed are properly disposed in accordance with 30 TAC Chapter 330 and 335. These BMPs can have a direct reduction in pollutants.
5.	7.1	Municipal Operation & Maintenance Activities	1	List of Pollutants of Concern & Prevention Measures	YES. The City reviewed the list of possible pollutants of concern and pollution prevention measures for the facilities listed in the inventory document in BMP 5.3.1; minor changes were recommended. This list does not directly reduce pollutants in the receiving water bodies.
5.	7.2	Inspections & Assessments on Facilities	20	Facility Checklists	YES. The City performed approximately twenty (20) facility stormwater quality checklists at various City buildings and facilities twice a year. These observations verified that stormwater quality controls and BMPs are functioning properly. This list does not directly reduce pollutants in the receiving water bodies.

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

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
1.	3.1 Utility Bill Inserts – Distribute to 100% of the MS4 Biannually	MET GOAL. A total of 20,400 educational inserts were distributed two times in the permit year to 100% of the MS4 community. These inserts provided various information about recycling, green waste collection, and their Fats, Oil and Grease (FOG) program.
1.	3.2 Utilize MS4 Website – post Annual Report and promote educational material	EXCEEDED GOAL. The City provided readily viewable stormwater quality educational material on the City’s dedicated stormwater program website https://www.rosenbergtx.gov/332/Storm-Water-Management . The City also posted their submitted Annual Reports on this webpage, too. The City utilized their social media accounts by posting relevant education information and upcoming events, too. The “Insider” newsletter is also available in digital form on the City’s website https://tx-rosenberg.civicplus.com/175/Communications . The City also has a dedicated Fats, Oils, and Grease (FOG) webpage (https://www.rosenbergtx.gov/604/FOG-Program-Fats-Oils-Grease) that is publicized in the “Insider” newsletter. This measurable goal was exceeded because the City posted additional information on their website than declared in their SWMP.
1.	4.1 Storm Drain Marking – report 100% of installed markers & promote program annually	MET GOAL. To date, approximately 3,047 inlet markers have been installed mainly by volunteers. In Permit Year 4, 30 markers were placed on City inlets.

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
1.	4.2 Volunteer Recycling Program – provide program for 100% of the MS4 community	EXCEEDED GOAL. The weekly volunteer recycling program allows public involvement, reduction in pollutants in the storm sewer system and promotes good housekeeping. In addition to curbside residential recycling, the City also hosted a Paper-Shredding Event and a Tire Collection Event. The City exceeded their measurable goal since they offered additional recycling events throughout the permit year.
1.	5.1 Opportunity for Public Comment – hold at least monthly City Council Meetings	MET GOAL. The City holds regular monthly (12) City Council Meetings that are open to the public. All interested parties within the MS4 area can comment on the SWMP at this time. In addition, the SWMP, Notice of Intent, General Permit and Fact Sheet are electronically available upon request. No comments were received in Permit Year 4.
2.	3.1 Maps of Inlets, Storm Sewer Lines, Outfalls, Surface Waters, & Structural Controls – evaluate and update annually	MET GOAL. The MS4 map was evaluated and minor updates were needed in Permit Year 4. The joint Districts own stormwater detention facilities and do not utilize storm sewer maps.
2.	4.1 Training for Illicit Discharge Detection & Elimination – hold one training session annually	MET GOAL. The MS4 held one (1) training session on July 12, 2022. A sign-in sheet was documented for the attendees.
2.	5.1 Public Reporting Using Utility Bill Inserts – Advertise City Contact Information Biannually	MET GOAL. Educational inserts were distributed to the community which included City contact information to report illicit discharges, illegal dumping, construction runoff issues and other environmental concerns. These inserts were distributed two times in Permit Year 2 so this measurable goal was met.

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
2.	5.2 Public Reporting using Electronic Education – verify contact information annually	MET GOAL. Electronic educational material posted on the City’s SWMP website includes City contact information to report illicit discharges, illegal dumping, construction runoff issues and other environmental concerns.
2.	6.1 Responding to Illicit Discharges & Spills – respond to 100% of reported potential illicit discharges	MET GOAL. The City responded to all (5) reported incidents of illicit discharges and illegal dumping in Permit Year 4.
2.	6.2 Source Investigation of Illicit Discharges - respond to 100% of reported potential illicit discharges	MET GOAL. Five (5) incidents of illicit discharges and illegal dumping were investigated in Permit Year 4. City personnel inspected the affected areas and visually confirmed pollutants had not entered the receiving waterbody.
2.	6.3 Source Elimination of Illicit Discharges - eliminate 100% of reported potential illicit discharges	MET GOAL. The five (5) reported illicit discharges and illegal dumping activities for Permit Year 4 were promptly eliminated and the affected areas were cleaned up, if necessary.
2.	7.1 Evaluation of Ordinance for Illicit Discharge Detention Detection & Elimination – Review Rate Order annually	MET GOAL. The City reviewed their Ordinance in Permit Year 3 and revisions were recommended. These comments were evaluated in Permit Year 4, and if agreed by the City a draft Ordinance will be prepared for formal consideration and adoption in the upcoming permit year.
2.	8.1 Septic System Identification & Inspection – inspect 100% of applicable systems	MET GOAL. The City has a program in place to inspect new or problematic septic systems that are located within the city limits. In Permit Year 4, zero (0) septic systems were identified and inspected.

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
3.	3.1 Evaluation of Ordinance for Construction Site Storm Water Runoff Control – Review Rate Order annually	MET GOAL. The City reviewed their Ordinance in Permit Year 3 and revisions were recommended. These comments were evaluated in Permit Year 4, and if agreed by the City a draft Ordinance will be prepared for formal consideration and adoption in the upcoming permit year.
3.	4.1 Construction Site Plan Review – review 100% of applicable site plan reviews	MET GOAL. The City reviewed 100% of applicable infrastructure permits and approximately 74 reviews were performed.
3.	5.1 Construction Site Inspection & Enforcement – inspect 100% of applicable construction sites	MET GOAL. The City inspected 100% of applicable construction sites in Permit Year 4. The exact amount is not available.
3.	6.1 Training for Construction Site Storm Water Runoff Control – hold one training session annually	MET GOAL. The MS4 held one (1) training session on July 12, 2022. A sign-in sheet was documented for the attendees.
3.	7.1 Guidance Manual for Construction Site Storm Water Runoff Control – continue utilizing	MET GOAL. The “Storm Water Management Handbook for Construction Activities” was utilized to aid in implementing construction site BMPs.
3.	8.1 Inventory of Construction Sites – review and update, as needed	MET GOAL. A site inventory list for all permitted public and private construction projects resulting in a land disturbance greater than or equal to one acre was updated until the end of construction activities, as needed. This list is available upon request.

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
4.	3.1 Evaluation of Ordinance to Address Post-Construction Storm Water Management in New Development and Redevelopment – Review Rate Order annually	MET GOAL. The City reviewed their Ordinance in Permit Year 3 and revisions were recommended. These comments were evaluated in Permit Year 4, and if agreed by the City a draft Ordinance will be prepared for formal consideration and adoption in the upcoming permit year.
4.	4.1 Guidance Manual for Post-Construction Storm Water Controls – continue implementing	MET GOAL. The “Storm Water Management Handbook for Construction Activities” was utilized to aid in implementing post-construction BMPs.
4.	5.1 Inspection Program for Post-Construction Storm Water Controls – inspect 100% of applicable construction sites	MET GOAL. The City has a program in place to inspect 100% of applicable completed, permanent post-construction BMPs in Permit Year 4. No structures were identified this permit year.
4.	6.1 Training for Post-Construction Storm Water Controls – hold one training session annually	MET GOAL. The MS4 held one (1) training session on July 12, 2022 through a webinar. A sign-in sheet was documented for the attendees.
5.	3.1 Inventory of Facilities & Storm Water Structural Controls – maintain and update	MET GOAL. The City’s list of facilities and stormwater structural controls was evaluated and minor updates were needed in Permit Year 4.
5.	4.1 Training for Pollution Prevention & Good Housekeeping – hold one training session annually	MET GOAL. The MS4 held one (1) training session on July 12, 2022. A sign-in sheet was documented for the attendees.

MCM(s)	Measurable Goal(s)	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
5.	5.1 Disposal of Waste – document number of spill response kits	MET GOAL. The City provided seven (7) spill response kits at City facilities to prevent illicit discharges from entering the storm sewer system. The City ensures all waste materials removed from the City limits are properly disposed and do not contribute as illicit discharges within the City.
5.	6.1 Contractor Oversight – Research Phase	MET GOAL. The City began researching and reviewing the standard contract language to use in all public projects for Contractors who perform maintenance work on City facilities. It is anticipated that the City will include new language in the upcoming permit year.
5.	7.1 Municipal Operation & Maintenance Activities – summarize O&M activities annually	MET GOAL. The City performed routine municipal operation and maintenance activities, as needed, and made necessary repairs or improvements in Permit Year 4. These activities varied throughout the year and were not specifically documented for this program.
5.	7.2 Inspections & Assessments on Facilities – inspect 100% of facilities annually	MET GOAL. The City continued to implement bi-annual inspections to verify that activities and procedures performed at the City’s facilities do not negatively impact the receiving water bodies. No deficiencies were noted during these inspections. The City continued their street sweeper program. Most City-owned curb and gutter streets are swept at least monthly.

C. Stormwater Data Summary

Provide a summary of all information used, including any lab results (if sampling was conducted) to assess the success of the SWMP at reducing the discharge of pollutants to the MEP. For example, did the MS4 conduct visual inspections, clean the inlets, look for illicit discharge, clean streets, look for flow during dry weather, etc.?

The City of Rosenberg and Joint MS4s are not required to perform analytical stormwater quality sampling per TCEQ TPDES General Permit No. TXR040000. The MS4s have provided qualitative information as proof of successfully achieving the measurable goals and benchmarks.

The City distributed approximately 20,400 stormwater educational articles or inserts to their users in Permit Year 4. The inserts provided general information to promote good housekeeping practices, advertised City-sponsored recycling and clean-up events, and educated the reader about Fats, Oils, and Grease (FOG). The educational inserts also gave a phone number for residents to report illicit discharges, illegal dumping, and other code enforcement concerns.

The City of Rosenberg has a dedicated stormwater quality website, <https://www.rosenbergtx.gov/332/Storm-Water-Management>. This site has various educational resources available for the general public such as proper swimming pool draining, alternatives for eco-friendly general housekeeping practices, previous copies of submitted Annual Reports, and a “Only Rain in the Storm Drain” video sponsored by the City of Garland, Texas. The City will continue utilizing this website and edit content as needed. The City also provided some informative posts on their social media accounts such as Facebook and Twitter.

Approximately five (5) incidents of illicit discharges and illegal dumping were reported in Permit Year 4. These issues were reported by either citizens and/or City personnel. For the illegal dumping incidents, various debris such as tires and other miscellaneous trash were illegally dumped in various locations throughout the City. In these cases, the property owners were contacted and if they were unable to pick up the material, then the City collected the refuse and invoiced property owners for this work.

The City inspects their facilities bi-annually for stormwater quality issues. No deficiencies were observed in Permit Year 4. The City confirmed that many municipal practices and procedures such as materials handling and storage, equipment maintenance, waste storage, and other municipal activities are being properly conducted so stormwater runoff will not be impaired.

D. Impaired Waterbodies

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.

The City of Rosenberg and joint MS4 Districts discharge stormwater into unclassified segment 1202_02 – Brazos River Below Navasota River. This particular classified segment is not listed in the latest EPA-approved 303(d) list or the *2022 Texas Integrated Report Index of Water Quality Impairments* which was approved by the EPA on July 7, 2022.

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

N/A

3. Describe the implementation of targeted controls if the small MS4 discharges to an impaired water body with an approved TMDL.

N/A

4. Report the benchmark identified by the MS4 and assessment activities:

Benchmark Parameter	Benchmark Value	Description of additional sampling or other assessment activities	Year(s) conducted
N/A	N/A	N/A	N/A

5. Provide an analysis of how the selected BMPs will be effective in contributing to achieving the benchmark:

Benchmark Parameter	Selected BMP	Contribution to achieving Benchmark
N/A	N/A	N/A

6. If applicable, report on focused BMPs to address impairment for bacteria:

Description of bacteria-focused BMP	Comments/Discussion
N/A	N/A

7. Assess the progress to determine BMP's effectiveness in achieving the benchmark.

Benchmark Indicator	Description/Comments
N/A	N/A

E. Stormwater Activities

Describe activities planned for the next reporting year:

MCM(s)	BMP	Stormwater Activity	Description/Comments
1.	1.3.1	Utility Bill Inserts	Update/revise the education material, as needed, and distribute at least biannually to 100% of the community.
1.	1.3.2	Utilize MS4 Website	Post the approved SWMP (when available) and submitted Annual Report to the website. Continue to provide electronic educational material.
1.	1.4.1	Storm Drain Marking	Continue to offer volunteers the opportunity to place inlet markers. Report 100% of installed markers annually.
1.	1.4.2	Volunteer Recycling Program	Continue the volunteer recycling program throughout the year and report 100% of users or frequency or pick-up.
1.	1.5.1	Opportunity for Public Comment	Continue to hold bi-monthly public meetings where the public can ask questions/comments about the SWMP. If available, the public notice will be published in accordance with the General Permit.
2.	2.3.1	Maps of Inlets, Storm Sewer Lines, Outfalls, Surface Waters & Structural Control	Update/revise the map if new data related to the storm sewer system is identified.

MCM(s)	BMP	Stormwater Activity	Description / Comments
2.	2.4.1	Training for Illicit Discharge Detection & Elimination	Hold at least one (1) training session annually and offer the training program to appropriate staff.
2.	2.5.1	Public Reporting Using Utility Bill Inserts	Advertise the current contact information for the City and distribute to 100% of the users biannually.
2.	2.5.2	Public Reporting Using Electronic Education	Advertise/verify the current contact information for the City on its website.
2.	2.6.1	Responding to Illicit Discharges & Spills	Respond to 100% of reported illicit discharges annually. Evaluate procedures for responding and conducting appropriate actions and update, if needed.
2.	2.6.2	Source Investigation of Illicit Discharge	Investigate 100% of reported illicit discharges. Evaluate investigation procedures and update, if needed.
2.	2.6.3	Source Elimination of Illicit Discharges	Eliminate 100% of reported illicit discharges, if applicable. Evaluate procedures and update, if needed.
2.	2.7.1	Evaluation of Ordinance for Illicit Discharge Detection Detection & Elimination	Evaluate the comments received on the City Ordinance in Permit Year 3 and if agreed a draft City Ordinance will be prepared for formal consideration and adoption.
2.	2.8.1	Septic System Identification & Inspection	Inspect 100% of new and non-functioning, identified septic systems.
3.	3.3.3	Evaluation of Ordinance for Construction Site Storm Water Runoff Control	Evaluate the comments received on the City Ordinance in Permit Year 3 and if agreed a draft City Ordinance will be prepared for formal consideration and adoption.
3.	3.4.1	Construction Site Plan Review	Continue to conduct plan reviews of 100% of applicable submittals.

MCM(s)	BMP	Stormwater Activity	Description / Comments
3.	3.5.1	Construction Site Inspection & Enforcement	Continue to conduct construction site inspections on 100% of applicable construction sites.
3.	3.6.1	Training for Construction Site Storm Water Runoff Control	Hold at least one (1) training session annually and offer the training program to appropriate staff.
3.	3.7.1	Guidance Manual for Construction Site Storm Water Runoff Control	Continue utilizing the guidance manual to aid in implementing at 100% of applicable, construction sites.
3.	3.8.1	Inventory of Construction Sites	Continue to document 100% of permitted public and private construction sites on an inventory list.
4.	4.3.1	Evaluation of Ordinance to Address Post-Construction Storm Water Management in New Development and Redevelopment	Evaluate the comments received on the City Ordinance in Permit Year 3 and if agreed a draft City Ordinance will be prepared for formal consideration and adoption.
4.	4.4.1	Guidance Manual for Post-Construction Storm Water Controls	Continue utilizing the guidance manual to aid in implementing post-construction BMPs at 100% of applicable sites.
4.	4.5.1	Inspection Program for Post-Construction Storm Water Controls	Continue to conduct inspections on 100% of applicable, complete construction projects.
4.	4.6.1	Training for Post-Construction Storm Water Controls	Hold at least one (1) training session annually and offer the training program to appropriate staff.
5.	5.3.1	Inventory of Facilities & Storm Water Structural Controls	Continue to maintain a City inventory list of 100% permittee-owned facilities and stormwater structural controls and update, as needed.

MCM(s)	BMP	Stormwater Activity	Description / Comments
5.	5.4.1	Training for Pollution Prevention & Good Housekeeping	Hold at least one (1) training session annually and offer the training program to appropriate staff.
5.	5.5.1	Disposal of Waste	Continue to ensure spill response kits are available for the MS4. Ensure all waste is properly disposed and does not contribute as illicit material.
5.	5.6.1	Contractor Oversight	Finalize language to insert in new legal documents for MS4 contractors to use the appropriate BMPs, control measures, and/or standard operating procedures to minimize potential runoff pollution.
5.	5.7.1	Municipal Operation & Maintenance Activities	Identify and evaluate all operation and maintenance activities for their potential to discharge pollutants in stormwater.

F. SWMP Modifications

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:

MCM(s)	Measurable Goal(s) or BMP(s)	Implemented or Proposed Changes (Submit NOC as needed)
Please reference attached email for additional information.		

Note: If changes include additions or substitutions of BMPs, include a written analysis explaining why the original BMP is ineffective or not feasible, and why the replacement BMP is expected to achieve the goals of the original BMP.

TCEQ requested changes to the SWMP upon TCEQ’s technical review of the submitted SWMP. These changes affected all of the BMPs and their measureable goals. In lieu of providing the entire, revised proposed changes in the table above, the MS4s recommend referencing an email dated August 6, 2021 between Dan Siebeneicher (Dan.siebeneicher@tceq.texas.gov) and Liz Stone (lstone@jonescarter.com) entitled *RE: Rosenberg SWMP NOD 2*. This correspondence has been provided at the end of this Annual Report without the attachments.

3. Explain additional changes or proposed changes not previously mentioned (i.e. dates, contacts, procedures, annexation of land, etc.). N/A

G. Additional BMPs for TMDLs and I-Plans

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.

BMP	Description	Implementation Schedule (start date, etc.)	Status/Completion Date(completed, in progress, not started)
N/A	N/A	N/A	N/A

H. Additional Information

1. Is the permittee relying on another entity to satisfy any permit obligations?

Yes No

If “Yes,” provide the name(s) of other entities and an explanation of their responsibilities (add more spaces or pages if needed).

Please see the table below in 2.b. for the names of the other entities and an explanation of their responsibilities. All “MUD” classified Permittees in the table are responsible for managing their respective MUD-owned conveyances within the City of Rosenberg.

2.a. Is the permittee part of a group 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

If "Yes," list all associated authorization numbers, permittee names, and SWMP responsibilities of each member (add additional spaces or pages if needed):

Authorization Number	Permittee Name	SWMP Responsibilities
TXR040272	City of Rosenberg	Coordinate with the 4-Joints MS4s/MUDs to develop and implement BMPs identified in the SWMP.
TXR040588	Fort Bend County MUD No. 144	This Permittee is only responsible for managing its respective Permittee-owned stormwater conveyances. Accordingly, the Permittee will continue to rely on the City of Rosenberg for all other SWMP implementation efforts.
TXR040582	Fort Bend County MUD No. 147	This Permittee is only responsible for managing its respective Permittee-owned stormwater conveyances. Accordingly, the Permittee will continue to rely on the City of Rosenberg for all other SWMP implementation efforts.
TXR040481	Fort Bend County MUD No. 159	This Permittee is only responsible for managing its respective Permittee-owned stormwater conveyances. Accordingly, the Permittee will continue to rely on the City of Rosenberg for all other SWMP implementation efforts.

Authorization Number	Permittee Name	SWMP Responsibilities
TXR040551	Fort Bend County MUD No. 167	This Permittee is only responsible for managing its respective Permittee-owned stormwater conveyances. Accordingly, the Permittee will continue to rely on the City of Rosenberg for all other SWMP implementation efforts.

I. Construction Activities

1. The number of construction activities that occurred in the jurisdictional area of the MS4 (Large and Small Site Notices submitted by construction site operators):

The City is unable to quantify the number of construction activities that occurred within their jurisdictional area nor the number of large nor small site notices submitted by construction site operators.

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

Yes No

- 2b. If "yes," then provide the following information for this permit year:

The number of municipal construction activities authorized under this general permit.	N/A
The total number of acres disturbed for municipal construction projects.	N/A

Note: *Though the seventh MCM is optional, implementation must be requested on the NOI or on a NOC and approved by the TCEQ.*

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): Rigoberto Calzoncin

Signature:  _____

Title: Executive Director of Public Services

Date: 2-27-23

Name of MS4: **City of Rosenberg MS4**

Authorization Number: **TXR040272**

Note: If this is this a system-wide annual report including information for all permittees, each permittee shall sign and certify the annual report in accordance with 30 TAC §305.128 (relating to Signatories to Reports).

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): Ted Teinert

Signature: Ted Teinert

Title: President

Date: 2/23/23

Name of MS4: **Fort Bend County MUD 144 MS4**

Authorization Number: **TXR040588**

Note: If this is this a system-wide annual report including information for all permittees, each permittee shall sign and certify the annual report in accordance with 30 TAC §305.128 (relating to Signatories to Reports).

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): Julie Cuenod

Signature: Julie Cuenod

Title: President

Date: 2.21.23

Name of MS4: **Fort Bend County MUD 147 MS4**

Authorization Number: **TXR040582**

Note: If this is this a system-wide annual report including information for all permittees, each permittee shall sign and certify the annual report in accordance with 30 TAC §305.128 (relating to Signatories to Reports).

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): Robert M. Preiss

Signature: 

Title: President

Date: 3-2-2023

Name of MS4: **Fort Bend County MUD 159 MS4**

Authorization Number: **TXR040481**

Note: If this is this a system-wide annual report including information for all permittees, each permittee shall sign and certify the annual report in accordance with 30 TAC §305.128 (relating to Signatories to Reports).

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): Daniella Tiller

Signature: 

Title: President

Date: March 2/2023

Name of MS4: **Fort Bend County MUD 167 MS4**

Authorization Number: **TXR040551**

Note: If this is this a system-wide annual report including information for all permittees, each permittee shall sign and certify the annual report in accordance with 30 TAC §305.128 (relating to Signatories to Reports).

Liz Stone

From: Dan Siebeneicher <Dan.Siebeneicher@tceq.texas.gov>
Sent: Friday, August 6, 2021 8:55 AM
To: Liz Stone
Subject: RE: Rosenberg SWMP NOD 2

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good Morning Liz,

I have reviewed the revised SWMP for Rosenberg and the 4 Fort Bend County MUDs

I have determined that the SWMP meets TXR040000 Permit requirements.

Thanks for the revised implementation schedule

Dan

From: Liz Stone <lstone@jonescarter.com>
Sent: Thursday, August 5, 2021 3:29 PM
To: Dan Siebeneicher <Dan.Siebeneicher@tceq.texas.gov>
Subject: RE: Rosenberg SWMP NOD 2

Dan – attached are the requested revisions to the City of Rosenberg’s and Joint Districts SWMP (City of Rosenberg TXR040272).

Hopefully, all your comments were addressed satisfactorily. If additional revisions are needed, I would appreciate scheduling a phone call with you to go over them and verifying what is acceptable by TCEQ.

Thank you for your patience and insight,

Liz Stone, CPESC
Project Manager
lstone@jonescarter.com

JONES | CARTER

1575 Sawdust Road, Suite 400
The Woodlands, Texas 77380
Telephone 281.363.4039 Ext. 1504
Direct 713.389.1592
I will be out of the office Aug. 9-13th

From: Dan Siebeneicher <Dan.Siebeneicher@tceq.texas.gov>
Sent: Monday, July 19, 2021 1:13 PM

To: Liz Stone <lstone@jonescarter.com>

Subject: FW: Rosenberg SWMP NOD 2


Importance: High


CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Please email the revised SWMP as soon as possible but no later Thursday, August 5, 2021

Thanks

Dan
Dan Siebeneicher
Environmental Permit Writer
Texas Commission on Environmental Quality
Water Quality Division
Stormwater Team (MC-148)
P.O. Box 13087
Austin, Texas 78711

 512.239.4749

 512.239.4430

 Dan.Siebeneicher@tceq.texas.gov

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Dan Siebeneicher
Sent: Monday, July 19, 2021 1:08 PM
To: Liz Stone <lstone@jonescarter.com>
Subject: Rosenberg SWMP NOD 2
Importance: High

Good morning Ms. Stone,

I have reviewed the City of Roseburg's revise SWMP

The City of Rosenberg's SWMP revisions.


The revisions needed are explained in the attached NOD 2 and reviewed SWMP The City of Rosenberg with comments and high items


Any questions call me.

Best regards

Dan

Dan Siebeneicher
Environmental Permit Writer
Texas Commission on Environmental Quality
Water Quality Division
Stormwater Team (MC-148)
P.O. Box 13087
Austin, Texas 78711

 512.239.4749

 512.239.4430

 Dan.Siebeneicher@tceq.texas.gov

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

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