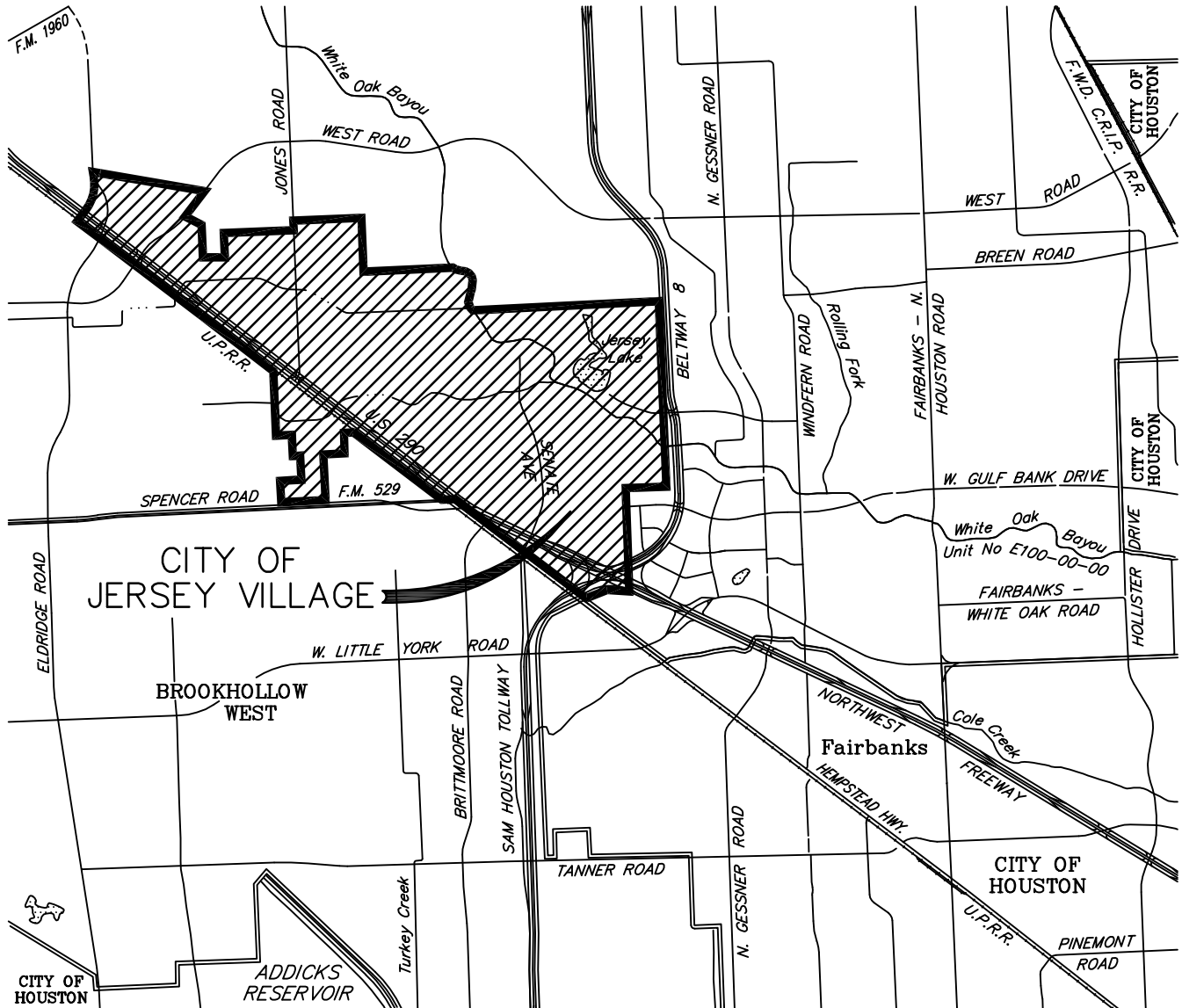


PHASE II MS4 ANNUAL REPORT PERMIT YEAR 3: 2020-2021

FOR CITY OF JERSEY VILLAGE

HARRIS COUNTY, TEXAS
Authorization No. TXR040227



December 2021
JC Job No. 05440-0003-00



JONES | CARTER

Texas Board of Professional Engineers Registration No. F-439
6330 West Loop South, Suite 150 • Bellaire, TX 77401 • 713.777.5337

Phase II (Small) MS4 Annual Report Form
TPDES General Permit Number TXR040000

A. General Information

Authorization Number: TXR040227

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

Annual Reporting Year Option Selected by MS4:

Calendar Year: _____

Permit Year: _____

Fiscal Year: X Last day of fiscal year: September 30

Reporting period beginning date: (month/date/year): October 1, 2020

Reporting period end date: (month/date/year): September 30, 2021

MS4 Operator Level: Level 1

Name of MS4: City of Jersey Village MS4

Contact Name: Liz Stone Telephone Number: (281) 363-4039

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

E-mail Address: mstone@jonescarter.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

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 MS4 submitted their SWMP to TCEQ by the requested deadline and the SWMP is currently in review by the TCEQ; all Permit Year 3 BMPs have been completed.
Permittee is currently in compliance with recordkeeping and reporting requirements.	Yes		The MS4 has 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 MS4 meets 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 MS4 has 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	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)
1. Public Education, Outreach & Involvement	3.1 Utility Bill Inserts	YES. The MS4 distributed approximately 7,233 storm water educational inserts in three (3) issues of the <i>Jersey Village Star</i> newsletter educating residents about proper PPE (personal protective equipment) disposal and providing information on the City's street sweeper including a map with its schedule.

MCM	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)
1. Public Education, Outreach & Involvement	3.2 Utilize MS4 Website	<p>YES. The MS4 has a dedicated website for their MS4 program https://www.jerseyvillagetx.com/page/pw.ms4. The City posted their previous Annual Reports, various storm water quality educational material, information about Fats, Oils, and Grease (FOG) and advertised the illicit discharge reporting phone number and inlet drain marking program. Additionally, the utility bill inserts (or newsletters) are also located on their website https://www.jerseyvillagetx.com/page/city.news. Recycling tips/guidelines, household hazardous waste (HHW), and electronic recycling information was also shared on the MS4's website https://www.jerseyvillagetx.com/page/pw.garbage. The MS4 will continue to utilize their website for the duration of the permitting term.</p>
1. Public Education, Outreach & Involvement	4.1 Storm Drain Marking	<p>YES. To date, approximately 300 inlet markers have been installed by volunteers. No markers were placed in Permit Year 3. The MS4 will continue promoting the inlet marking program to install new inlet markers in the upcoming permit year.</p>
1. Public Education, Outreach & Involvement	4.2 Recycling Program	<p>YES. A weekly, residential recycling program continued to be conducted for the MS4. Bulk waste items such as refrigerators (free of freon) and tree trimmings are also accepted. The recycling program reduces the amount of materials which are not properly disposed and may impact local waterways.</p>
2. Illicit Discharge, Detection & Elimination	3.1 Maps of Inlets, Storm Sewer Lines, Outfalls, Surface Water & Structural Controls	<p>YES. The map assists the City to track and document illicit discharges by identifying the approximate location of all inlets, outfalls, surface waters, and structural controls. The map was evaluated and no updates were needed during Permit Year 3.</p>

MCM	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)
2. Illicit Discharge, Detection & Elimination	4.1 Training for Illicit Discharge Detection & Elimination	YES. An MS4 Training Session was conducted on July 13, 2021 through a webinar. The training presentation described the impacts storm water discharges have on local waterways and how to identify illicit discharges, illegal connections, and illegal dumping. The recorded presentation was also placed on a consultant's website (https://www.jonescarter.com/municipal-separate-storm-sewer-system-training/). A digital sign-in sheet was documented for the attendees.
2. Illicit Discharge, Detection & Elimination	5.1 Public Reporting Using Utility Bill Inserts	YES. On the front cover of every monthly utility bill insert (or newsletter) are phone numbers to call to report code violations and other pollution concerns such as illicit discharges or illegal dumping.
2. Illicit Discharge, Detection & Elimination	5.2 Public Reporting Using Electronic Education	YES. The MS4 continued to post the phone number on the MS4's main webpage https://www.jerseyvillagetx.com/ to call if an illicit discharge is suspected. This phone number is also located near the top of their MS4 dedicated webpage https://www.jerseyvillagetx.com/page/pw.ms4 .
3. Construction Site Storm Water Runoff Control	6.1 Training for Construction Site Stormwater Runoff Control	YES. An MS4 Training Session was conducted on July 13, 2021 through a webinar that provided educational training on how to identify construction site issues and enforcement procedures to ensure all construction sites maintain in compliance with the Construction General Permit TPDES TXR150000. The recorded presentation was also placed on a consultant's website (https://www.jonescarter.com/municipal-separate-storm-sewer-system-training/). A digital sign-in sheet was documented for the attendees.

MCM	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)
4. Post-Construction Storm Water Management in New Development and Redevelopment	6.1 Training for Post-Construction Stormwater Controls	YES. An MS4 Training Session was conducted on July 13, 2021 through a webinar that provided educational training on the post-construction site storm water runoff control program, the guidance documents that are referenced, and how to inspect/maintain the MS4's permanent structural storm water controls. The recorded presentation was also placed on a consultant's website (https://www.jonescarter.com/municipal-separate-storm-sewer-system-training/). A digital sign-in sheet was documented for the attendees.
5. Pollution Prevention & Good Housekeeping for Municipal Operations	3.1 Street Sweeping Measures	YES. Approximately, 1,322 miles of city roads were cleaned in Permit Year 3. The City's street sweeper has an added feature to also vacuum minor stormwater runoff ponding. Additionally, as a public notification feature, the City posted a map on its website showing the street sweeper schedule and provided this information in a newsletter.
5. Pollution Prevention & Good Housekeeping for Municipal Operations	5.1 Training for Pollution Prevention & Good Housekeeping	YES. An MS4 Training Session was conducted on July 13, 2021 through a webinar that provided educational training to those who are responsible for implementing pollution prevention measures and good housekeeping principals in municipal activities and municipally owned facilities. The recorded presentation was also placed on a consultant's website (https://www.jonescarter.com/municipal-separate-storm-sewer-system-training/). A digital sign-in sheet was documented for the attendees.
5. Pollution Prevention & Good Housekeeping for Municipal Operations	6.1 Disposal of Waste	YES. All waste from facilities owned and operated by the MS4 were disposed in accordance with 30 TAC Chapters 330 or 335. Three (3) spill response kits were supplied for the MS4 throughout their jurisdiction for mobilization.

MCM	BMP	BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain)
5. Pollution Prevention & Good Housekeeping for Municipal Operations	8.1 Inspections & Assessment on Facilities	YES. The MS4 inspected their inventory equipment in Permit Year 3. No deficiencies were observed, so corrective actions were not warranted. These inspections will be performed annually.
5. Pollution Prevention & Good Housekeeping for Municipal Operations	8.2 Municipal Operation & Maintenance Activities	YES. The MS4 created a list of possible pollutants of concern and pollution prevention measures for facilities owned by the MS4. No additional pollution prevention measures were recommended to minimize the discharge of these pollutants for Permit Year 3.

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	7,233	<i>Jersey Village Star</i> Newsletters	NO. Three (3) monthly newsletters were distributed with customer's utility bill inserts that provided useful storm water quality educational material. Though this BMP does not result in a direct reduction of pollutants, providing storm water quality educational information raises the awareness of storm water pollution.

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 Website	1 1 3 1 1	Dedicated MS4 webpage Posted Annual Reports Posted Relevant <i>Jersey Village Star</i> Newsletters Posted Recycling Tips & Guidelines Dedicated FOG webpage	NO. The MS4's dedicated storm water quality webpage https://www.jerseyvillagetx.com/page/pw.ms4 has various educational resources available. The MS4's previous Annual Reports are also located at this link. The three (3) relevant newsletters that provide useful storm water quality educational material are also located online https://www.jerseyvillagetx.com/page/city.news . Additionally, the MS4 provided recycling tips/guidelines, household hazardous waste (HHW), and electronic recycling information, too. https://www.jerseyvillagetx.com/page/pw.garbage . In Permit Year 3, the MS4 continued to utilize and promote their dedicated Fats, Oil, and Grease (FOG) webpage to relay important information to commercial users https://www.jerseyvillagetx.com/page/F.O.G%20Program . While this BMP does not directly reduce pollutants into the receiving stream, it helps to educate the public.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
1.	5.1	Opportunity for Public Comment	12	Public (City Council) Meetings	YES. Residents, businesses, and other community members are given opportunities to provide comments on the SWMP at the monthly City Council Meetings. The SWMP, Notice of Intent, General Permit, and Fact Sheet are electronically available upon request. 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 3.
2.	3.1	Maps of Inlets, Storm Sewer Lines, Outfalls, Surface Waters, & Structural Controls	1	MS4 Map	NO. The MS4 map was evaluated and no updates were needed in Permit Year 3. This BMP does not demonstrate a direct reduction in pollutants, but assists with tracking illicit discharges.
2.	4.1	Training for Illicit Discharge Detection and Elimination	1	Training Session	YES. An annual MS4 Training Session was conducted on July 13, 2021 through a webinar by a City consultant. This training presentation has a direct reduction in pollutants since it describes the impacts storm water discharges have on local water ways and how to identify illicit discharges, illegal connections, and illegal dumping.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
2.	5.1	Public Reporting Using Utility Bill Insert	12	Issues of <i>Jersey Village Star</i> Newsletter	YES. Each monthly issue of the <i>Jersey Village Star</i> newsletter includes a telephone number to report illicit discharges and other pollution violations. This BMP can directly impact the reduction of pollutants in stormwater.
2.	5.2	Public Reporting Using Electronic Education	1	Website for Public Reporting Using Electronic Education	YES. The MS4 provides a phone number to report illicit discharges on the city's homepage https://www.jerseyvillagetx.com/ and on their dedicated storm water quality webpage https://www.jerseyvillagetx.com/page/pw.ms4 . This BMP can directly impact the reduction of pollutants in stormwater.
2.	6.1	Responding to Illicit Discharges	2	Incidents of Illegal Dumping	YES. The MS4 received two (2) notices of illegal dumping in Permit Year 3 and appropriately responded to them. This BMP directly demonstrates in the reduction of pollutants.
2.	6.2	Source Investigation of Illicit Discharges	2	Incidents of Illegal Dumping	YES. In Permit Year 3, the MS4 conducted investigations at the two (2) reported illegal dumping sites and concluded that the materials needed to be properly collected and disposed. This BMP directly demonstrates in the reduction of pollutants.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
2.	6.3	Source Elimination of Illicit Discharges	2	Incidents of Illegal Dumping	YES. The MS4 removed the illegal dumping materials for the two separate incidents. This BMP directly eliminated the possibility of pollutants entering the MS4.
2.	7.1	Evaluate the Ordinance for Illicit Discharge Detection & Elimination	1	Ordinance	YES. The City's Ordinance was amended in Permit Year 3 and the City continued its implementation. This BMP can have a direct reduction in pollutants.
3.	3.1	Evaluate the Ordinance for Construction Site Storm Water Runoff Control	1	Ordinance	YES. The City's Ordinance was amended in Permit Year 3 and the City continued its implementation. This BMP can have a direct reduction in pollutants.
3.	4.1	Construction Site Plan Review	4	Construction Drawings	NO. The City reviewed four (4) construction site plans for storm water quality and/or erosion control compliance in Permit Year 3. This BMP does not directly reduce pollutants in 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	23	Construction Site Inspections	YES. The City conducted approximately 23 construction inspections during Permit Year 3. The City assessed the construction sites to verify storm water quality and/or erosion control BMPs were onsite. This BMP does directly reduce pollutants in the MS4.
3.	6.1	Training for Construction Site Storm Water Runoff Control	1	Training Session	YES. An annual MS4 Training Session was conducted on July 13, 2021 through a webinar by a City consultant. This training presentation has a direct reduction in pollutants since it describes the impacts construction site storm water runoff can have, how to conduct construction site inspections and enforcement actions to ensure all construction sites maintain compliance with the Construction General Permit TPDES No. TXR150000.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
3.	7.1	Guidance Manual for Construction Site Storm Water Runoff Control	1	Guidance Manual	NO. The <i>Storm Water Management Handbook for Construction Activities</i> by Harris County, Harris County Flood Control District, and the City of Houston (et al) 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.
4.	3.1	Evaluate the Ordinance to Address Post-Construction Stormwater Runoff Control	1	Ordinance	YES. The City's Ordinance was amended in Permit Year 3 and the City continued its implementation. This BMP can have a direct reduction in pollutants.
4.	4.1	Guidance Manual for Post-Construction Storm Water Controls	1	Guidance Manual	NO. The <i>Storm Water Management Handbook for Construction Activities</i> by Harris County et al, was utilized to aid in implementing post-construction BMPs. While the resource provides information on how to provide long-term maintenance of post-construction storm water control measures, 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 Session	YES. An annual MS4 Training Session was conducted on July 13, 2021 through a webinar by a City consultant. This training presentation has a direct reduction in pollutants since it provides information on the post-construction site storm water runoff control program and how to inspect/maintain the MS4's permanent structural controls.
5.	3.1	Street Sweeping Measures	1,322	Miles of Streets Swept	YES. Approximately, 1,322 miles of city streets were cleaned during Permit Year 3. This BMP has a direct reduction of pollutants into the storm sewer system.
5.	4.1	Inventory of Facilities & Storm Water Structural Controls	1	List of Municipal Facilities	NO. The MS4's inventory list of facilities and storm water structural controls was evaluated and updated in Permit Year 3. However, this list does not have a direct reduction in pollutants in 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	Training for Pollution Prevention & Good Housekeeping	1	Training Session	YES. An MS4 Training Session was conducted on July 13, 2021 through a webinar by a City consultant. This training presentation has a direct reduction in pollutants since it provides information to those who are responsible for implementing pollution prevention measures and good housekeeping principals in municipal activities and at municipally owned facilities.
5.	6.1	Disposal of Waste	3	Spill Response Kits	YES. All waste from facilities owned and operated by the MS4 were disposed in accordance with 30 TAC Chapters 330 or 335. Three (3) spill response kits are available for the City's use. These BMPs have a direct reduction in pollutants.
5.	7.1	Contractor Oversight	1	Program Being Implemented	YES. In Permit Year 3, the MS4 developed contract language for new contractors performing maintenance work on City property. This program does have the potential to directly reduce pollutants in the MS4.

MCM	BMP	Information Used	Quantity	Units	Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain)
5.	8.1	Inspections & Assessments on Facilities	Various	Inventory Equipment Inspected	YES. The MS4 inspected various inventory equipment for storm water quality impairments during Permit Year 3. No deficiencies were observed during the inspections, so corrective actions were not warranted. This BMP can potentially reduce pollutants directly into the MS4.
5.	8.2	Municipal Operation & Maintenance Activities	1	List of Potential Pollutants of Concern	NO. The MS4 evaluated the MS4 facilities they own and operate and created a list of potential pollutants of concern that could be discharged from O&M activities. This does not demonstrate a direct reduction of pollutants.
5.	8.3	Assessment of Storm & Sanitary Sewer Systems	Various	Storm & Sanitary Sewer Improvements	YES. The MS4 made various storm and sanitary sewer system improvements in Permit Year 3. Some examples of storm sewer upgrades include completely rebuilding a manhole and surrounding pipes due to heavy inflow and infiltration and cleaning inlets when notices of trash were reported. Preventive maintenance for the sanitary sewer system included jetting of blocked or clogged lines. These BMPs demonstrate a direct reduction in pollutants.

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	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 community biannually	EXCEEDED GOAL. The MS4 distributed storm water quality articles three times to the community in Permit Year 3. This exceeded the measureable goal of biannual distribution.
1.	3.2 Utilize MS4 Website – post the submitted Annual Report & electronic educational material	EXCEEDED GOAL. The MS4 uploaded their previous Annual Reports on its storm water quality dedicated website https://www.jerseyvillagetx.com/page/pw.ms4 and posted various public education materials, too. Recycling tips and HHW and E-waste information was also posted on the website. The MS4 also continued to utilize a dedicated FOG webpage. The measureable goal for this BMP was exceeded because the MS4 posted additional information on their website than declared in their SWMP.
1.	4.1 Storm Drain Marking – report 100% of installed markers	MET GOAL. Approximately, 300 inlet markers have been placed to date by volunteers. The program was promoted by the MS4 on the website.
1.	4.2 Volunteer Recycling Program – continue program and document frequency	EXCEEDED GOAL. A weekly (52 pick-up events) volunteer recycling program continued to be conducted for all residents within the MS4. Additionally, this program allows for residential heavy trash and bulk waste removal. The MS4 also has pet waste stations at a City-owned golf course and along a nature trail behind the City’s dog park. The measureable goal for this BMP was exceeded because the MS4 offers regular household recycling, heavy trash/bulk waste removal, and pet waste stations.
1.	5.1 Opportunity for Public Comment – hold Monthly (12) City Council Meetings	MET GOAL. All monthly City Council Meetings are open to the public. All residents, businesses and other interested parties can comment on the SWMP. No comments were received in Permit Year 3.

MCM	Measurable Goal	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
2.	3.1 Maps of Inlets, Storm Sewer Lines, Outfalls, Surface Waters, and Structural Controls – evaluate annually and update, if needed	MET GOAL. The MS4 map which identifies the approximate location of inlets, outfalls, surface waters, and structural controls was evaluated and no updates were needed in Permit Year 3.
2.	4.1 Training for Illicit Discharge Detection & Elimination – hold one training session annually	MET GOAL. One (1) MS4 Training Session was conducted on July 13, 2021 through a webinar by a City consultant which was recorded and later posted to a public website. A digital sign-in sheet and certificate of completion were documented for the attendees.
2.	5.1 Public Reporting Using Utility Bill Inserts – distribute to 100% of community biannually	EXCEEDED GOAL. Each monthly issue of the <i>Jersey Village Star</i> newsletter includes a telephone number to report illicit discharges and other pollution violations. These are distributed monthly, which exceeds the measurable goal of biannual distribution.
2.	5.2 Public Reporting Using Electronic Education – verify contact information is available on website	MET GOAL. The MS4 provided a phone number to report illicit discharges on the City’s main webpage https://www.jerseyvillagetx.com/ and their dedicated MS4 website https://www.jerseyvillagetx.com/page/pw.ms4 .
2.	6.1 Responding to Illicit Discharges & Spills - respond to 100% of reported potential illicit discharges	MET GOAL. The MS4 responded to two (2) incidents of illegal dumping in Permit Year 3. These two were the only ones reported this year. The MS4 has a program in place to respond, detect, and address reported illicit discharges.
2.	6.2 Source Investigation of Illicit Discharges – investigate 100% of reported potential illicit discharges	MET GOAL. The MS4 investigated two (2) illegal dumping incidents in Permit Year 3. These were the only ones reported to them. The MS4 has a program in place to gather the appropriate information, prioritize the risk, and assess the situation.

MCM	Measurable Goal	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
2.	6.3 Source Elimination of Illicit Discharges - eliminate 100% of reported potential illicit discharges	MET GOAL. Two (2) incidents of illegal dumping were eliminated in Permit Year 3. These instances were safely removed to prevent unauthorized discharges from entering the MS4. These were the only issues reported to the MS4.
2.	7.1 Evaluate the Ordinance for Illicit Discharge Detection & Elimination – review and continue implementing	MET GOAL. The MS4’s Ordinance was amended in Permit Year 3 and continued to be implemented.
3.	3.1 Evaluate the Ordinance for Construction Site Storm Water Runoff Control – review and continue implementing	MET GOAL. The MS4’s Ordinance was amended in Permit Year 3 and continued to be implemented.
3.	4.1 Construction Site Plan Review – review 100% of applicable site plans	MET GOAL. Approximately, four (4) construction site plans or drawings were received and reviewed on applicable projects to prevent water quality impacts within the MS4.
3.	5.1 Construction Site Inspection & Enforcement – inspect 100% of applicable construction sites	MET GOAL. Approximately, 23 construction site inspections were performed to ensure storm water quality and erosion control measures were in place on site during Permit Year 3.
3.	6.1 Training for Construction Site Storm Water Runoff Control – hold one training session annually	MET GOAL. One (1) MS4 Training Session was conducted on July 13, 2021 through a webinar which was recorded and later posted to a public website. A digital sign-in sheet and certificate of completion were documented for the attendees.

MCM	Measurable Goal	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
3.	7.1 Guidance Manual for Construction Site Storm Water Runoff Control – continue utilizing	MET GOAL. The <i>Storm Water Management Handbook for Construction Activities</i> by Harris County et al, continued to be utilized to aid in implementing construction site BMPs.
4.	3.1 Evaluate the Ordinance to Address Post-Construction Stormwater Runoff Control – review and continue implementing	MET GOAL. The MS4’s Ordinance was amended in Permit Year 3 and continued to be implemented.
4.	4.1 Guidance Manual for Post-Construction Storm Water Controls – continue utilizing	MET GOAL. The <i>Storm Water Management Handbook for Construction Activities</i> by Harris County et al, continued to be utilized to aid in implementing post-construction BMPs.
4.	5.1 Inspection Program for Post-Construction Storm Water Controls – inspect 100% of post construction BMPs	MET GOAL. The MS4 performed zero (0) post-construction inspections to ensure permanent structural controls were properly constructed, reducing the potential impacts of illicit discharges, and ensuring the long-term functionality of the BMP is maintained.
4.	6.1 Training for Post-Construction Storm Water Controls – hold one training session annually	MET GOAL. One (1) MS4 Training Session was conducted on July 13, 2021 through a webinar which was recorded and later posted to a public website. A digital sign-in sheet and certificate of completion were documented for the attendees.
5.	3.1 Street Sweeping Measures – provide mileage of street swept	MET GOAL. Approximately, 1,322 miles of city streets were cleaned during Permit Year 3.

MCM	Measurable Goal	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
5.	4.1 Inventory of Facilities & Storm Water Structural Controls - inventory 100% of facilities owned/operated by MS4	MET GOAL. The MS4 updated their inventory list of facilities and storm water structural controls in Permit Year 3.
5.	5.1 Training for Pollution Prevention & Good Housekeeping – hold one training session annually	MET GOAL. One (1) MS4 Training Session was conducted on July 13, 2021 through a webinar which was recorded and later posted to a public website. A digital sign-in sheet and certificate of completion were documented for the attendees.
5.	6.1 Disposal of Waste – verify at least 1 spill response kit is available	EXCEEDED GOAL. All waste from facilities owned and operated by the MS4 were disposed in accordance with 30 TAC Chapters 330 or 335. Three (3) spill response kits were supplied to operational staff and will be stored at City facilities. This measurable goal was exceeded because the MS4 verified more than one (1) kit is available for use.
5.	7.1 Contractor Oversight – provide number of contractor oversights	MET GOAL. In Permit Year 3, the MS4 adopted new language to include in new contracts for contractors performing municipal activities on City property. Zero (0) new contracts in Permit Year 3 included this language since this BMP was implemented in Permit Year 3.
5.	8.1 Inspections & Assessments on Facilities – inspect 100% of permittee-owned facilities & controls	MET GOAL. The MS4 inspected and assessed the inventory equipment for deficiencies and needs for improvement. No instances of inadequacies were observed, so corrective actions were not warranted.
5.	8.2 Municipal Operation & Maintenance Activities – review list of pollutants of concern	MET GOAL. From the MS4’s inventory list of 5.4.1, the MS4 included a list of possible pollutants of concerns and non-structural pollution prevention measures for each MS4 facility to counter-effect these pollutants.

MCM	Measurable Goal	Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain.
5.	8.3 Assessment of Storm & Sanitary Sewer Systems – repair 100% of known sanitary sewer overflows	MET GOAL. The MS4 performed routine maintenance and repairs on their sanitary and storm sewer systems. Improvements were also made, as needed, to the storm and sanitary sewer infrastructure. The improvements varied and summarized in Sections C and D of this Annual Report.

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.?

Due to allocated resources the MS4 did not conduct sampling nor analytical monitoring from their storm water discharges during Permit Year 3. The MS4 has provided qualitative information as proof of successfully achieving the measureable goals and benchmarks.

The MS4’s street sweeper cleaned approximately 1,322 miles of city streets in Permit Year 3. The street sweeper was used before and/or after city-sponsored events, parades, and for regular maintenance of City-owned streets. This includes the street sweeper cleaning the exterior portion of inlets and collecting trash and debris located along the street curb. It will continue to be used in future permit years.

Two (2) issues of illegal dumping were reported in the MS4 in Permit Year 3. The MS4 promptly responded to these incidents and remedied the sites by collecting the trash and/or debris for proper disposal. Additionally, the City billed the property owner for the City’s effort to pick up the illegal material.

The MS4 is currently making major drainage improvements for six (6) streets in the City. These streets were lowered to increase their storm water storage capacity, the drainage piping was increased from 18" diameter to 36" diameter, and new oversized inlets were installed. A berm was built around the City-owned golf course to create a detention pond. A pump station with three (3) pumps and a standby generator was built to pump excess drainage into the golf course detention area. Many studies have shown that storm water quantity improvements positively impact storm water quality. So, it is expected that these drainage upgrades will reduce the amount of impairments in runoff leaving these locations.

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 Jersey Village MS4 discharges directly to classified segment 1017 White Oak Bayou Above Tidal. No other water bodies are within the permitted area so thus no newly identified impaired waters exist. Segment 1017 was already listed in a previous EPA-approved 303(d) list and *Texas Integrated Report- Texas 303(d) List (Category 5)*. The impairment of concern is bacteria. This information was included in the MS4's SWMP submitted to TCEQ in July 2019.

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.

All BMPs included in the SWMP have measureable goals focused on reducing pollutants of concern that may contribute to the impairment of bacteria in waterbodies. All focused BMPs will be fully implemented by the end of Permit Year 5.

The MS4 continued practices to reduce bacteria from entering waterbodies by repairing sanitary sewer systems, educating the public about illicit discharges, illegal dumping and proper pet waste disposal, and enforcing their commercial FOG program.

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

The City will continue to make repairs and improvements to its sanitary sewer infrastructure to reduce sanitary sewer overflows and make updates as needed. The installation of SCADA (Supervisory Control and Data Acquisition) will greatly assist in real-time monitoring of the sanitary systems. This will in turn reduce the likelihood of overflows.

As part of the City's commercial FOG program, the City quarterly inspected 57 grease interceptors/traps at various commercial properties. The City inspectors also educate the property owners and/or onsite management team about the state requirements and BMPs for the grease traps/interceptors. Additionally, the City created a FOG-dedicated webpage aimed at commercial users <https://www.jerseyvillagetx.com/page/F.O.G%20Program> which refers them to the City's Ordinance language and provides basic information on interceptors/grease traps maintenance.

The City has five (5) pet waste stations at the City-owned golf course and along a City-owned nature trail behind the City dog park. These stations encourage proper pet waste disposal by supplying doggie bags.

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
Bacteria	9.14 x 10 ⁹ counts of E. coli bacteria in storm water runoff per day	Public outreach efforts reduce the probability of bacteria resulting from illicit discharges.	Permit Year 3
Bacteria	9.14 x 10 ⁹ counts of E. coli bacteria in storm water runoff per day	Restricting illicit discharges reduce the probability of bacteria resulting from illicit discharges.	Permit Year 3
Bacteria	9.14 x 10 ⁹ counts of E. coli bacteria in storm water runoff per day	Restricting illicit discharges from construction runoff reduces the probability of bacteria entering the storm sewer inlets.	Permit Year 3
Bacteria	9.14 x 10 ⁹ counts of E. coli bacteria in storm water runoff per day	Reviewing construction drawings for BMPs, which address erosion and sediment controls, reduces the probability of bacteria entering the storm sewer system.	Permit Year 3
Bacteria	9.14 x 10 ⁹ counts of E. coli bacteria in storm water runoff per day	Inspecting construction sites for illicit discharges reduces the probability of bacteria entering the storm sewer system.	Permit Year 3
Bacteria	9.14 x 10 ⁹ counts of E. coli bacteria in storm water runoff per day	Utilizing the guidance manual assists in the implementation of erosion and sediment controls, soil stabilization, and BMPs.	Permit Year 3
Bacteria	9.14 x 10 ⁹ counts of E. coli bacteria in storm water runoff per day	Restricting illicit discharge from post-construction runoff reduces the probability of bacteria entering the storm sewer inlets.	Permit Year 3
Bacteria	9.14 x 10 ⁹ counts of E. coli bacteria in storm water runoff per day	Evaluating completed construction sites to ensure structural controls were properly installed reduces the probability of bacteria entering the storm sewer system.	Permit Year 3

*Information obtained from TCEQ *Eighteen Total Maximum Daily Loads for Bacteria in Buffalo and Whiteoak Bayous and Tributaries*, approved by the EPA June 2009.

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
Bacteria	Public Education Program - Educational Materials and Public Outreach Efforts	Educational materials raised awareness of stormwater quality concerns and encourage public reporting when illicit discharges were identified and detected. The MS4's inlet marking program provides involvement in the SWMP and encourages participates to report illicit discharges and other environmental concerns.
Bacteria	Illicit Discharge and Elimination Program	The MS4 responds to all reported illicit discharges including illegal dumping incidents and other environmental code concerns. These instances are fully documented and remediated to the maximum extent practicable.
Bacteria	Construction Site Plan Review and Site Inspections	Restricting illicit discharges from construction activities reduces the probability of pollutants entering the storm sewer system.
Bacteria	Municipal Operations and Good Housekeeping Practices	Utilization of the street sweeper reduces the amount of pollutants entering the storm sewer system. Routine maintenance and inspection procedures of MS4 facilities assist in minimizing illicit discharges. If minor spills occur, the MS4 has immediate use of spill response kits.

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

Description of bacteria-focused BMP	Comments/Discussion
Sanitary Sewer Systems	The MS4 made various improvements and performed routine maintenance to the Wastewater Treatment Plant, lift stations, and sanitary sewer system. The MS4 added SCADA (Supervisory Control and Data Acquisition) to four (4) out of the six (6) City-owned lift stations for monitoring purposes. This assists in reducing the possibility of overflows and anticipating repairs prior to overflows occurring.

Description of bacteria-focused BMP	Comments/Discussion
On-Site Sewage Facilities (for entities with appropriate jurisdiction)	No on-site sewage facilities are knowingly located within the MS4 and the MS4 does not allow on-site sewage facilities within their jurisdiction.
Illicit Discharge and Dumping	<p>The City continued to implement their FOG program for commercial grease traps and interceptors. They created a FOG-dedicated webpage aimed at commercial users https://www.jerseyvillagetx.com/page/F.O.G%20Program.</p> <p>Additionally, the MS4 quarterly inspects 57 grease interceptors for adequate performance. The City Operators offer training to site representatives to explain state requirements as well as best management practices for these devices.</p>
Animal Sources	Zoos, horse stables, and other similar facilities are not knowingly located within the City of Jersey Village. In the future the MS4 will be conscious of these types of facilities should they be in their jurisdiction and will include them in the distribution of storm water quality education material that discuss proper animal waste disposal.
Residential Education	<p>Five (5) pet waste stations are located at the City-owned golf course and along a City-owned nature trail behind the City dog park. These stations encourage proper pet waste disposal by supplying doggie bags. The MS4's dedicated SWMP webpage discusses the proper disposal of pet waste to help protect waterbodies.</p> <p>The MS4 inspected approximately five (5) swimming pool connections to verify they are properly connected to the sanitary sewer system and not the storm sewer system. Additionally, the MS4 has swimming pool and spa discharge guidelines posted on their website to educate residents on the proper cleaning of pool filters and draining of pool water.</p>

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

Benchmark Indicator	Description/Comments
Number of Illicit Discharges Reported (including illegal dumping)	Two (2) incidents of illegal dumping were reported within the MS4 in Permit Year 3. The City rectified the issues and billed the property owner for compensation.
Number of Educational Materials Distributed to the Community	A total of 7,233 storm water education materials were distributed to residents within the MS4 service area. The information addressed good housekeeping principles, proper PPE and dog waste disposal, and provided a map and schedule for the street sweeper.
Number of Sanitary Sewer Overflows	Zero (0) sanitary sewer overflows were reported in Permit Year 3. If they had occurred, then the MS4 would have addressed the overflow(s) as required by the TCEQ.
Increased Legal Authority on Storm Sewer System	The City's Ordinance was revised in Permit Year 3. Updates were made to help clarify and enforce the City's storm water management program.

E. Stormwater Activities

Describe activities planned for the next reporting year:

MCM	BMP	Stormwater Activity	Description/Comments
1	1.3.1	Utility Bill Inserts	Update/revise the education material, as needed, and distribute biannually to 100% to the community.
1	1.3.2	Utilize MS4 Website	Post the approved SWMP and submitted Annual Report to the MS4's website, when available. Continue to provide educational information on the website.
1	1.4.1	Storm Drain Marking	Continue to promote opportunities to replace missing/illegible markers and provide quantity.
1	1.4.2	Volunteer Recycling Program	Continue the recycling program and provide the number of households or pick-up frequency.

MCM	BMP	Stormwater Activity	Description/Comments
1	1.5.1	Opportunity for Public Comment	If available, the public notice will be published in accordance with the General Permit. Continue monthly public meetings and consider any received public comments regarding implementation of the SWMP.
2	2.3.1	MS4 Map	Update/revise new data related to the storm sewer system, if identified.
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 and distribute to 100% of the MS4 service area biannually.
2	2.5.2	Public Reporting Using Electronic Education	Verify that the current contact information for the MS4 is correct on their website.
2	2.6.1	Responding to Illicit Discharges & Spills	Respond to 100% of reported illicit discharges.
2	2.6.2	Source Investigation of Illicit Discharges	Investigate 100% of reported illicit discharges.
2	2.6.3	Source Elimination of Illicit Discharges	Eliminate 100% of reported illicit discharges, if applicable.
2	2.7.1	Evaluate the Ordinance for Illicit Discharges	Review and update, if needed, the Ordinance for necessary changes to ensure compliance with the General Permit.
3	3.3.1	Evaluate the Ordinance for Construction Site Storm Water Runoff Control	Review and update, if needed, the Ordinance for necessary changes to ensure compliance with the General Permit.
3	3.4.1	Construction Site Plan Review	Continue to conduct plan reviews of 100% of applicable submittals.
3	3.5.1	Construction Site Inspections & Enforcement	Continue to conduct construction site inspections on 100% of applicable construction sites.

MCM	BMP	Stormwater Activity	Description/Comments
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 construction site BMPs, as necessary.
4	4.3.1	Evaluate the Ordinance to Address Post-Construction Runoff Control	Review and update, if needed, the Ordinance for necessary changes to ensure compliance with the General Permit.
4	4.4.1	Guidance Manual for Post-Construction Storm Water Controls	Continue utilizing the guidance manual to aid in implementing post-construction site BMPs, as necessary.
4	4.5.1	Inspection Program for Post-Construction Storm Water Runoff Controls	Continue to conduct inspections on 100% of applicable sites.
4	4.6.1	Training for Post-Construction Storm Water Runoff Controls	Hold at least one (1) training session annually and offer the training program to appropriate staff.
5	5.3.1	Street Sweeping Measures	Continue to utilize the street sweeper and document mileage accumulated.
5	5.4.1	Inventory of Facilities & Storm Water Structural Controls	Continue to maintain an MS4 inventory list of 100% permittee-owned facilities and storm water structural controls and update, as needed.
5	5.5.1	Training for Pollution Prevention & Good Housekeeping	Hold at least one (1) training session annually and offer the training program to appropriate staff.
5	5.6.1	Disposal of Waste	Verify a spill response kit(s) is available for the MS4 and that waste from municipal operations is removed in accordance with 30 TAC 330 and 335.

MCM	BMP	Stormwater Activity	Description/Comments
5	5.7.1	Contractor Oversight	Include language in Contractor legal documents to restrict illicit discharges that have the potential to negatively impact the MS4.
5	5.8.1	Inspections & Assessment on Facilities	Continue to inspect and document 100% of permittee-owned facilities and storm water structural controls.
5	5.8.2	Municipal Operation & Maintenance Activities	Identify and evaluate all operation and maintenance activities for their potential to discharge pollutants in stormwater.
5	5.8.3	Assessment of Storm & Sanitary Sewer Systems	Immediately address all known sanitary sewer overflows and report to the TCEQ. Document this information and seek trends to avoid future sanitary sewer overflow activity.

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 extensive changes to the SWMP upon TCEQ's technical review of the submitted SWMP. These changes affected all the BMPs and their measurable goals. In lieu of providing the entire, revised proposed changes in the table above, the MS4 references an

email dated January 7, 2020 between Dante Fekete (Dante.Fekete@tceq.texas.gov) and Liz Stone (mstone@jonescarter.com) entitled *RE: TXR040227 – City of Jersey Village*. This correspondence has been attached at the end of this annual report, minus 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). N/A

- 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? N/A

Yes No

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):

0 Large and Small Construction Site Notices were 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

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).

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): MARRY WARD

Signature (please use blue ink): 

Title : Director Public Works

Date : 11/18/21

Name of MS4 : **City of Jersey Village MS4**

Liz Stone

From: Dante Fekete <Dante.Fekete@tceq.texas.gov>
Sent: Tuesday, January 7, 2020 8:59 AM
To: Liz Stone
Subject: RE: TXR040227 - City of Jersey Village

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.

Thank you for the revisions. The review for TXR040227- The City of Jersey Village has now been completed. The Public Notice documents will be provided within the coming days.



Dante Fekete

Texas Commission on Environmental Quality

Stormwater Team, MC 148

Phone: 512.239.4502

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

From: Liz Stone <lstone@jonescarter.com>
Sent: Monday, January 6, 2020 2:30 PM
To: Dante Fekete <Dante.Fekete@tceq.texas.gov>
Subject: RE: TXR040227 - City of Jersey Village

Attached is the revised SWMP per your request. The "Benchmark" section name throughout the document was renamed to "Implementation Plan Reduction".

Please let me know if anything else is needed.

Thank you,

Liz Stone, CPESC
MS4 Engineer
mstone@jonescarter.com

JONES | CARTER

1575 Sawdust Road, Suite 400
The Woodlands, Texas 77380
Telephone 281.363.4039 Ext. 1504
Direct 713.389.1592

From: Dante Fekete [<mailto:Dante.Fekete@tceq.texas.gov>]
Sent: Monday, December 30, 2019 4:02 PM
To: Liz Stone <lstone@jonescarter.com>
Subject: RE: TXR040227 - City of Jersey Village

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 Afternoon Liz,

I have one final revision needing to be addressed. With this most recent revision of Jersey Village's SWMP, you've met all the TMDL requirements of the General Permit by addressing targeted controls and citing a Waste Load Allocation figure as the benchmark regulated permittees of the watershed will work towards.

To avoid the misunderstanding between the benchmark value and estimated potential load reductions listed at the end of each BMP, can you rename, Section [1.3.1.6](#) for example, to something with a different heading?

Thank you & Happy New Year,



Dante Fekete

Texas Commission on Environmental Quality

Stormwater Team, MC 148

Phone: 512.239.4502

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

From: Liz Stone <lstone@jonescarter.com>
Sent: Tuesday, December 17, 2019 8:48 AM
To: Dante Fekete <Dante.Fekete@tceq.texas.gov>
Subject: RE: TXR040227 - City of Jersey Village

Dante,

Attached is a new SWMP. I revised the two BMPs per your request. Please let me know if anything else needs to be done.

Thanks for your help,

Liz Stone, CPESC
MS4 Engineer
mstone@jonescarter.com

JONES | CARTER

1575 Sawdust Road, Suite 400

The Woodlands, Texas 77380
Telephone 281.363.4039 Ext. 1504
Direct 713.389.1592

From: Dante Fekete [<mailto:Dante.Fekete@tceq.texas.gov>]
Sent: Friday, December 13, 2019 11:56 AM
To: Liz Stone <MStone@jonescarter.com>
Subject: RE: TXR040227 - City of Jersey Village

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.

Liz,

After reviewing the updated SWMP, I have 2 minor revisions needing to be addressed:

Page 41- BMP 3c still describes 2 tasks performed by the permittee. Those tasks being training city personnel and performing inspections. Since BMP 3d addresses training, please revise 3c to only include the latter task.

Page 43- BMP 3d as it is currently written, would be satisfied if the permittee provided one training per year to one staff member. Please amend this BMP to require **all** appropriate staff to receive annual training.

Thank you for your understanding, and cooperation,



Dante Fekete

Texas Commission on Environmental Quality

Stormwater Team, MC 148

Phone: 512.239.4502

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

From: Dante Fekete
Sent: Thursday, December 12, 2019 2:32 PM
To: Liz Stone <MStone@jonescarter.com>
Subject: RE: TXR040227 - City of Jersey Village

Good afternoon Liz,

Thank you for the revisions.

The updated SWMP has now been recorded and added to Jersey Village's file. You will be hearing from me within the coming days to provide an update that the technical review process has been completed, or will need additional items addressed.

Regards,



Dante Fekete

Texas Commission on Environmental Quality

Stormwater Team, MC 148

Phone: 512.239.4502

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

From: Liz Stone <MStone@jonescarter.com>
Sent: Thursday, December 12, 2019 1:53 PM
To: Dante Fekete <Dante.Fekete@tceq.texas.gov>
Subject: RE: TXR040227 - City of Jersey Village

Dante,

Below in the original email in **red** are my responses to your inquiries regarding the SWMP for the City of Jersey Village MS4, TXR040227. Thank you for taking the time to clarify some items and following-up with an email. If the responses below need further explanation, please let me know.

Thank you,

Liz Stone, CPESC
MS4 Engineer
mstone@jonescarter.com

JONES | CARTER

1575 Sawdust Road, Suite 400
The Woodlands, Texas 77380
Telephone 281.363.4039 Ext. 1504
Direct 713.389.1592

From: Dante Fekete [<mailto:Dante.Fekete@tceq.texas.gov>]
Sent: Wednesday, November 20, 2019 4:43 PM
To: Liz Stone <MStone@jonescarter.com>
Subject: RE: TXR040227 - City of Jersey Village

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 Afternoon Liz,

Your extension request for a new **deadline of Dec. 13th has been granted.**

Please do not hesitate to contact me if you have any other questions or clarifications.

Regards,



Dante Fekete

Texas Commission on Environmental Quality

Stormwater Team, MC 148

Phone: 512.239.4502

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

From: Liz Stone <MStone@jonescarter.com>
Sent: Wednesday, November 20, 2019 1:41 PM
To: Dante Fekete <Dante.Fekete@tceq.texas.gov>
Subject: RE: TXR040227 - City of Jersey Village

The additional information requested is a lot – it affects all areas of the SWMP and may involve a complete revision.

Additionally, the MS4 (City of Jersey Village) needs to review the response, understand what their new obligations are, see if the revised BMPs are attainable (due to manpower and fiscal resources) and then grant approval. This process may take time.

Thank you,

Liz Stone, CPESC
MS4 Engineer
mstone@jonescarter.com

JONES | CARTER

1575 Sawdust Road, Suite 400
The Woodlands, Texas 77380
Telephone 281.363.4039 Ext. 1504
Direct 713.389.1592

From: Dante Fekete [<mailto:Dante.Fekete@tceq.texas.gov>]
Sent: Wednesday, November 20, 2019 9:35 AM
To: Liz Stone <MStone@jonescarter.com>
Subject: RE: TXR040227 - City of Jersey Village

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 must get approval from a supervisor in order to give you a final determination. Can you provide me any details of your extenuating circumstance explaining the need of an extension?

This is primarily to make sure we are not setting permittees & contacts up for failure when deciding due dates of NOD items.

Thank you in advance,



Dante Fekete

Texas Commission on Environmental Quality

Stormwater Team, MC 148

Phone: 512.239.4502

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

From: Liz Stone <MStone@jonescarter.com>
Sent: Tuesday, November 19, 2019 3:21 PM
To: Dante Fekete <Dante.Fekete@tceq.texas.gov>
Cc: Rebecca Villalba <rebecca.villalba@tceq.texas.gov>; Hanne Nielsen <hanne.nielsen@tceq.texas.gov>
Subject: RE: TXR040227 - City of Jersey Village

Good Afternoon Dante,

I respectfully request additional time to address the items below for the City of Jersey Village MS4 TXR040227. I will be unable to provide a response by Wednesday, Nov. 20th and request to extend the date to Friday, Dec. 13th. Please let me know if this is acceptable.

Contact me if we need to discuss.

Thank you,

Liz Stone, CPESC
MS4 Engineer
mstone@jonescarter.com

JONES | CARTER

1575 Sawdust Road, Suite 400
The Woodlands, Texas 77380
Telephone 281.363.4039 Ext. 1504
Direct 713.389.1592

From: Ryan Mohr [<mailto:Ryan.Mohr@tceq.texas.gov>]
Sent: Wednesday, October 30, 2019 11:20 AM
To: Liz Stone <MStone@jonescarter.com>
Cc: Rebecca Villalba <rebecca.villalba@tceq.texas.gov>; Hanne Nielsen <hanne.nielsen@tceq.texas.gov>
Subject: TXR040227 - City of Jersey Village

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.

Ms. Liz Stone,

I am the permit coordinator assigned to the application for coverage under TCEQ's Phase II MS4 General Permit, TXR040000 for the City of Jersey Village, and I am currently conducting a technical review of the City's Stormwater Management Program (SWMP).

Upon reviewing the SWMP I have found that there is some additional information that will be required to complete this review process. Please review the following information and provide a response by November 20, 2019.

1. Assessment of Program Elements

MS4 has a website and will post its SWMP and annual reports on it – Page 11 of the SWMP. Thank you for providing a web address where the SWMP and other educational materials can/will be located. However, www.jerseyvillage.info currently routes the user to the City's main page, www.jerseyvillagetx.com, where the former SWMP could not be located. Please confirm that this web-page will be active once the authorization is certified or please provide a working address.

The MS4's SWMP and other educational materials will be posted on its website in accordance with the General Permit. They are in the process of developing a dedicated storm water quality webpage so it is unknown at this time the actual URL for this webpage but it will be active when authorization is certified.

2. Review of Impaired Waterbodies and Total Maximum Daily Load (TMDL) Requirements – Throughout SWMP. Thank you for addressing the impairment for bacteria at the conclusion of each BMP. However, the Waste Load Allocation (WLA) will need to be included within the SWMP as well. In addition, the following items will need to be addressed with the implementation of additional BMPs or an explanation as to why it wouldn't be applicable to the MS4:

A revised SWMP is attached. WLA information has been included in this SWMP on page 3 with the LIMITATIONS ON PERMIT COVERAGE section.

- Sanitary Sewer Systems. Indicate BMPs: ***The MS4 has included a new BMP to address this requirement; BMP 5.8.3 Assessment of Storm & Sanitary Sewer Systems on page 71.***
 - Improvement to reduce overflow
 - Lift station inadequacies
 - Improve reporting of overflows
 - Strengthen sanitary sewage use requirements to reduce blockage from fats, oil and grease
- On-site Sewage Facilities (OSSFs). Indicate BMPs: ***The MS4 does not have on-site sewage facilities within their jurisdiction. If OSSFs are installed within their service area, the MS4 will address this issue then.***
 - Identify and address failing systems
 - Address inadequate maintenance of OSSFs

- Illicit discharge and dumping. Indicate BMPs:
 - Place additional efforts to reduce waste sources of bacteria
- Residential Education – Increase focus to educate residents on:
 - Fats, oils, and grease clogging sanitary sewer lines and resulting overflows ***The MS4 has included to educate the residents through BMP 1.3.1 Utility Bill Inserts on page 8.***
 - Decorative Ponds ***The MS4 does not keep track of these items nor do they own any themselves.***

3. Minimum Control Measure 2 (MCM 2)

A plan to detect and address non-stormwater discharges including illegal dumping into the MS4 - Page 26 of the SWMP. It appears that BMP2d, BMP2e, and BMP2h address how the MS4 will detect and respond to non-stormwater discharges. However, the inclusion of illegal dumping could not be located. Please provide an additional BMP to address illegal dumping or include it within an existing BMP.

Language was added into these BMPs to include illegal dumping.

4. Minimum Control Measure 3 (MCM 3)

Program prohibits illicit discharges such as washout water, fuels, oils, soaps, solvents, and dewatering activities. A BMP was not found that addressed the above requirement. Please provide the location where this can be found within the SWMP or include it in a new or existing BMP.

On page 41 BMP 3.5.1 Construction Site Inspection & Enforcement – this BMP had been revised to include “illicit discharges such as wastewater from washout activities, fuels, oils, soaps, solvents, dewatering activities and other pollutants.”.

5. Minimum Control Measure 5 (MCM 5)

Contractors hired by the MS4 must be required to comply with operating procedures, MS4 develop contractor oversight procedures - Page 65 of the SWMP. Thank you for addressing this requirement for construction contractors. However, please amend to include all contractor activities, not just construction.

BMP 5.7.1 Contractor Oversight on page 65 has been revised per the General Permit.

6. Measurable Goals – NPDES Rule – Phase II MS4 Remand Rule

Each Measurable Goal will need these three elements: BMP, Target, and a Deadline. Please tell us ahead of time, how much they will be doing of a certain thing each year. Here is an acceptable example:

BMP/Activity	Identifiable target	Deadline
Inspect construction sites	Inspect 80 % of active sites	Dec. 2019

The measurable goals for several of the BMPs do not meet the criteria of being clear, specific, and measurable. Measurable goals should be quantifiable and used to gauge the effectiveness of your SWMP. For additional guidance please refer to the attached EPA “Measurable Goals Guidance” factsheet. The current measurable goals include the *Activity* but lack an *Identifiable Target*. Please amend the following BMPs to include a quantifiable *Identifiable Target* and *Deadline*: 1.4.1, 1.4.2, 2.4.1, 2.6.2, 2.6.3, 3.5.1, 3.6.1, 3.7.1, 4.5.1, 5.6.1, 5.7.1, 5.8.1, and 5.8.2.

A revised SWMP has been attached with an Identifiable Target for each BMP stated above.

It appears that a few measurable goals incorporate multiple goals/activities and will need to be broken up into two separate BMPs in order to fit the measurable goal requirements. Please address BMPs: 2.6.2, 3.5.1, 3.6.1, 3.7.1, and 5.6.1.

As advised in your recent email dated Dec. 11th, the BMPs listed above have been revised to only include one measureable goal per BMP; they were not broken into individual BMPs. They are included in the attached SWMP.

If you need any additional information, please feel free to contact me at 512-239-4549.

Best Regards,




Ryan E. Mohr

TCEQ Stormwater Team, MC 148

ryan.mohr@tceq.texas.gov

Phone: 512.239.4549

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

This e-mail and any attachments are intended only for the named recipient(s) and may contain information that is legally privileged, confidential, or exempt from disclosure under applicable law. If you have received this message in error, or are not the named recipient(s), you may not retain copy or use this e-mail or any attachment for any purpose or disclose all or any part of the contents to any other person. Any such dissemination, distribution or copying of this e-mail or its attachments is strictly prohibited. Please immediately notify the sender and permanently delete this e-mail and any attachment from your computer and/or electronic devices. Any personal views or opinions expressed by the writer may not necessarily reflect the views or opinions of Jones & Carter, Inc.

This e-mail and any attachments are intended only for the named recipient(s) and may contain information that is legally privileged, confidential, or exempt from disclosure under applicable law. If you have received this message in error, or are not the named recipient(s), you may not retain copy or use this e-mail or any attachment for any purpose or disclose all or any part of the contents to any other person. Any such dissemination, distribution or copying of this e-mail or its attachments is strictly prohibited. Please immediately notify the sender and permanently delete this e-mail and any attachment from your computer and/or electronic devices. Any personal views or opinions expressed by the writer may not necessarily reflect the views or opinions of Jones & Carter, Inc.

This e-mail and any attachments are intended only for the named recipient(s) and may contain information that is legally privileged, confidential, or exempt from disclosure under applicable law. If you have received this message in error, or are not the named recipient(s), you may not retain copy or use this e-mail or any attachment for any purpose or disclose all or any part of the contents to any other person. Any such dissemination, distribution or copying of this e-mail or its attachments is strictly prohibited. Please immediately notify the sender and permanently delete this e-mail and any attachment from your computer and/or electronic devices. Any personal views or opinions expressed by the writer may not necessarily reflect the views or opinions of Jones & Carter, Inc.

This e-mail and any attachments are intended only for the named recipient(s) and may contain information that is legally privileged, confidential, or exempt from disclosure under applicable law. If you have received this message in error, or are not the named recipient(s), you may not retain copy or use this e-mail or any attachment for any purpose or disclose all or any part of the contents to any other person. Any such dissemination, distribution or copying of this e-mail or its

attachments is strictly prohibited. Please immediately notify the sender and permanently delete this e-mail and any attachment from your computer and/or electronic devices. Any personal views or opinions expressed by the writer may not necessarily reflect the views or opinions of Jones & Carter, Inc.

This e-mail and any attachments are intended only for the named recipient(s) and may contain information that is legally privileged, confidential, or exempt from disclosure under applicable law. If you have received this message in error, or are not the named recipient(s), you may not retain copy or use this e-mail or any attachment for any purpose or disclose all or any part of the contents to any other person. Any such dissemination, distribution or copying of this e-mail or its attachments is strictly prohibited. Please immediately notify the sender and permanently delete this e-mail and any attachment from your computer and/or electronic devices. Any personal views or opinions expressed by the writer may not necessarily reflect the views or opinions of Jones & Carter, Inc.