

Phase II (Small) MS4 Annual Report Form

TPDES General Permit Number **TXR040000**

A. General Information

Authorization Number: **TXR040143**

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

Annual Reporting Year Option Selected by MS4:

Calendar Year: _____

Permit Year: _____

Fiscal Year: **X** Last day of fiscal year: (**September 30th**)

Reporting period beginning date: (month/date/year) **10/01/2021**

Reporting period end date: (month/date/year) **9/30/2022**

MS4 Operator Level: **3** Name of MS4: **City of Port Arthur**

Contact Name: **Flozelle Roberts, E.I.T., M.Eng., M.B.A**

Telephone Number: **(409) 983-8140**

Mailing Address: **444 4th Street, Port Arthur, TX 77640**

E-mail Address: **flozelle.roberts@portarthurtx.gov**

A copy of the annual report was submitted to the TCEQ Region: YES **X** NO _____
Region the annual report was submitted to: TCEQ Region **10**

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. | X | | All BMPs and measurable goals have been implemented during the current reporting period. |
| Permittee is currently in compliance with recordkeeping and reporting requirements. | X | | All associated SWMP records and annual reporting requirements have been met for the current permit term |
| Permittee meets the eligibility requirements of the permit (e.g., TMDL requirements, Edwards Aquifer limitations, compliance history, etc.). | X | | The permittee meets the eligibility requirements established in TPDES General Permit No. TXR040000. |
| Permittee conducted an annual review of its SWMP in conjunction with preparation of the annual report | X | | Annual SWMP review was conducted on 9/7/2022. |

2. Provide a general assessment of the appropriateness of the selected BMPs. You may use the table below to meet this requirement (**see Example 1 in instructions**):

| MCM(s) | BMP | BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain) |
|--------|----------------------|---|
| 1 | Flyers and Brochures | Yes, the distribution of flyers and brochures help educate the public on potential stormwater pollutants and provides the details on steps they can take to improve stormwater quality. |

| MCM(s) | BMP | BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain) |
|---------------|--|--|
| 1 | Education of Children | Yes, the development of materials for children helps educate them on potential stormwater pollutants and provides the details on steps they can take to improve stormwater quality. |
| 1 | Education of Construction Site Personnel | Yes, education of construction site personnel helps bring awareness of pollutants associated with construction activities. |
| 1 | Public Service Announcements | Yes, public service announcements help educate the public on potential stormwater pollutants and provides the details on steps they can take to improve stormwater quality. |
| 1 | SWMP Posting | Yes, making the SWMP available helps educate the public on their local stormwater management program and the associated implementation schedule. |
| 1 | Annual Report Posting | Yes, making the Annual Report available helps educate the public on the implementation status of their local stormwater management program. |
| 1 | SWMP Review | Yes, reviewing the SWMP annually helps ensure any necessary updates to the SWMP are made. |
| 1 | Public Meetings | Yes, public meetings help educate the public about their local stormwater management programs and gives them an opportunity to participate. |
| 1 | Stormwater Hotline | Yes, stormwater hotlines provide citizens with a mechanism to report illicit discharges, illegal dumping, spills, etc. |
| 1 | SWMP Public Notice | Yes, the public notice process helps educate the public about their local stormwater management programs and gives them an opportunity to participate. |
| 1 | Stormwater Quality Website | Yes, the development of a stormwater quality website helps educate the public on potential stormwater pollutants and provides them details on steps they can take to improve stormwater quality. |

| MCM(s) | BMP | BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain) |
|---------------|-----------------------------------|--|
| 1 | Educational Material Distribution | Yes, the distribution of stormwater quality educational materials at local community organization meetings helps educate the public on potential pollutants and provides them with details on steps they can take to improve stormwater quality. |
| 2 | MS4 Outfall Map | Yes, developing and maintaining a MS4 outfall map makes the illicit discharge detection and elimination program more effective. |
| 2 | MS4 Outfall Inspections | Yes, inspecting MS4 outfalls helps identify and eliminate illicit discharges. |
| 2 | Regulatory Mechanisms | Yes, having regulatory mechanisms/procedures in place helps encourage individuals to comply with stormwater quality regulations. |
| 2 | MS4 Field Staff Training | Yes, MS4 field staff training helps educate permittee employees on how to properly identify and eliminate stormwater pollutants. |
| 2 | IDDE Procedures | Yes, the development and implementation of IDDE procedures makes the Illicit Discharge program more effective. |
| 2 | Public Reporting | Yes, providing the public with instructions on how to properly report potential stormwater quality concerns helps identify and eliminate illicit discharges more effectively. |
| 3 | Construction Site Plan Review | Yes, reviewing construction site plans for the inclusion of appropriate structural controls helps reduce the amount of pollutants being discharged from construction sites. |

| MCM(s) | BMP | BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain) |
|---------------|---|---|
| 3 | Plan Review, Inspection, and Enforcement Procedures | Yes, developing standard operating procedures that address plan review, inspections, and enforcement actions related to permittee owned construction sites helps reduce the amount of pollutants being discharged to the MS4. |
| 3 | Construction Site Inspection/Enforcement | Yes, inspecting construction sites for proper installation/maintenance of structural controls helps reduce the amount of pollutants being discharged to the MS4. |
| 3 | Regulatory Mechanisms | Yes, referral of stormwater quality issues to adjacent MS4 operators or the TCEQ Regional Office helps reduce the amount of pollutants being discharged from construction activities. |
| 3 | Public Reporting | Yes, providing the public with instructions on how to properly report potential stormwater quality concerns helps reduce the amount of pollutants being discharged from construction activities. |
| 3 | MS4 Staff Training | Yes, MS4 staff training helps educate permittee employees on how to properly identify and eliminate stormwater pollutants. |
| 3 | Construction Site Inventory | Yes, maintaining an inventory of active constructions sites helps to identify and eliminate possible illicit discharges more effectively. |
| 4 | Development Project Plan Review | Yes, reviewing development plans for the inclusion of appropriate post construction controls helps reduce the amount of pollutants being discharged to the MS4. |
| 4 | Regulatory Mechanisms | Yes, referral of stormwater quality issues to adjacent MS4 operators or the TCEQ Regional Office helps reduce the amount of pollutants being discharged to the MS4. |
| 4 | Post Construction Control Inspections | Yes, inspecting permittee owned permanent structural controls helps reduce the amount of pollutants being discharged to the MS4. |

| MCM(s) | BMP | BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain) |
|--------|--------------------------------------|---|
| 4 | Post Construction Procedures | Yes, developing standard operating procedures that address documentation of enforcement actions and long-term operation/maintenance of post construction stormwater control measures helps reduce the amount of pollutants being discharged to the MS4. |
| 5 | MS4 Facility Inventory | Yes, developing an inventory of permittee owned facilities within the urbanized area helps identify potential sources of stormwater pollution. |
| 5 | Employee Training Program | Yes, conducting employee training helps educate permittee employees on how to properly identify and eliminate stormwater pollutants. |
| 5 | Waste Disposal Procedures | Yes, development of standard operating procedures on the proper disposal of waste helps reduce the amount of floatables and other pollutants being discharged to the storm sewer system. |
| 5 | Contractor Oversight Procedures | Yes, the development and implementation of contractor oversight procedures helps reduce the amount of pollutants being discharged by contractors performing maintenance activities on behalf of the permittee. |
| 5 | Operation and Maintenance Activities | Yes, maintaining a general pollution prevention plan at each permittee owned facility helps ensure that appropriate BMPs are being implemented to reduce the amount of pollutants being discharged. |
| 5 | Facility Inspections | Yes, inspecting permittee owned facilities helps ensure that appropriate BMPs are being implemented to reduce the amount of pollutants being discharged. |
| 5 | Litter/Garbage Collection | Yes, conducting litter/garbage collection helps reduce the amount of floatables being discharged to the storm sewer system. |

| MCM(s) | BMP | BMP is appropriate for reducing the discharge of pollutants in stormwater (Answer Yes or No and explain) |
|---------------|--------------------------------|---|
| 5 | Storm Sewer System Maintenance | Yes, maintaining the storm sewer system helps to reduce the amount of pollutants being discharged from the storm sewer system. |
| 5 | Street Sweeping | Yes, street sweeping helps reduce the amount of floatables being discharged to the storm sewer system. |
| 5 | Facility Specific SOPs | Yes, developing facility specific standard operating procedures helps reduce the amount of pollutants being discharged to the storm sewer system from permittee owned facilities. |
| 5 | Municipal Operation Procedures | Yes, developing standard operating procedures for inspecting/maintaining structural controls at municipal facilities and for employee training helps make permittee employees more aware of pollutants of concern that could be discharged to the storm sewer system. |

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 (**see Example 2 in instructions**):

| MCM | BMP | Information Used | Quantity | Units | Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain) |
|-----|--|--|---|----------------|---|
| 1 | Flyers and Brochures | number of materials developed and/or maintained on website | 240 stormwater quality brochures, 240 pet waste brochures | materials | No, while the BMP does not result in a direct reduction in pollution, public education is expected to indirectly reduce pollutants by increasing awareness about stormwater quality issues. |
| 1 | Education of Children | number of materials developed | 120 stormwater coloring books | coloring books | No, while the BMP does not result in a direct reduction in pollution, public education is expected to indirectly reduce pollutants by increasing awareness about stormwater quality issues. |
| 1 | Education of Construction Site Personnel | number of educational materials or guidance documents developed and/or maintained on website | 1 guidance document/ 240 stormwater quality brochures/ stormwater website | materials | No, while the BMP does not result in a direct reduction in pollution, public education is expected to indirectly reduce pollutants by increasing awareness about stormwater quality issues. |
| 1 | Public Service Announcements | number of different PSAs being maintained on the City's stormwater website | 4 PSAs on stormwater quality website | materials | No, while the BMP does not result in a direct reduction in pollution, public education is expected to indirectly reduce pollutants by increasing awareness about stormwater quality issues. |

| MCM | BMP | Information Used | Quantity | Units | Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain) |
|------------|---|--|--|---------------------|--|
| 1 | SWMP Posting | stormwater quality website with SWMP posted | SWMP made available on stormwater quality website | location | No, while the BMP does not result in a direct reduction in pollution, public education is expected to indirectly reduce pollutants by increasing awareness about stormwater quality issues. |
| 1 | Stormwater Hotline | number of phone calls received regarding stormwater quality issues | 0 | phone calls | Yes, receiving and responding to phone calls concerning illicit discharges allows the permittee to make appropriate corrections to the storm sewer system. |
| 2 | MS4 Outfall Inspections | percentage of outfalls inspected | approximately 20% of the total outfalls were inspected | percentage | Yes, locating and eliminating illicit discharges represents a direct reduction in pollutants. |
| 2 | Regulatory Mechanisms | number of enforcement actions | 0 | enforcement actions | Yes, implementation of local illicit discharge regulatory mechanisms represents a direct reduction in pollutants. |
| 3 | Construction Site Plan Review | number of permits issued | 19 | permits | Yes, reviewing construction plans the result in the disturbance of greater than or equal to one acre, or are part of a common plan of development or sale ensures that appropriate structural controls are being used to reduce pollution. |
| 3 | Construction Site Inspection/ Enforcement | number of inspections | 125 | inspections | Yes, inspecting construction sites ensures that appropriate controls are in place and functioning properly to reduce pollution. |

| MCM | BMP | Information Used | Quantity | Units | Does the BMP Demonstrate a Direct Reduction in Pollutants? (Answer Yes or No and explain) |
|------------|---------------------------------|--|----------------------|---------------------|---|
| 3 | Regulatory Mechanisms | number of enforcement actions | (51) 48-hour notices | enforcement actions | Yes, implementation of local regulatory mechanisms represents a direct reduction in pollutants. |
| 4 | Development Project Plan Review | number of plans reviewed | 12 | plans | Yes, reviewing construction plans ensures that appropriate post construction controls are being used to reduce pollution. |
| 4 | Regulatory Mechanisms | number of enforcement actions | 0 | enforcement actions | Yes, implementation of local regulatory mechanisms represents a direct reduction in pollutants. |
| 5 | Litter/Garbage Collection | estimated volume of litter/garbage collected | 3,000 | tons | Yes, conducting litter/garbage collection reduces the amount of floatables and other stormwater pollutants. |
| 5 | Street Sweeping | lane miles swept | 1,511.6 | miles | Yes, conducting street sweeping reduces the amount of floatables and sediment that enter the storm sewer system. |

4. Provide the measurable goals for each of the MCMs, and an evaluation of the success of the implementation of the measurable goals (**see Example 3 in instructions**):

| MCM(s) | Measurable Goal(s) | Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain. |
|---------------|---|---|
| 1 | Develop or maintain on the stormwater website at least 2 types of flyers/brochures per year | Goal Met; developed 240 stormwater quality brochures and 240 pet waste brochures. Additionally, all materials are maintained on the stormwater website. |
| 1 | Develop at least 1 type of educational material annually for children | Goal Met; developed 120 stormwater coloring books. |
| 1 | Make available annually on stormwater website at least 1 guidance document or brochure on construction site runoff issues | Goal Exceeded; guidance document, brochure, and stormwater quality website made available to construction site personnel. |
| 1 | Maintain at least 1 PSA on the City's stormwater website annually to educate the public about water quality | Goal Met; 4 PSAs maintained on stormwater quality website. |
| 1 | Post a copy of the SWMP on the City's stormwater website no later than 30 days after the TCEQ approval date | Goal Met; SWMP posted on the City's stormwater website at www.txms4.com/jefferson . |
| 1 | Annually post a copy of the most recent annual report on the stormwater website no later than 30 days after the due date | Goal Met; annual report for FY 2021 was posted on the stormwater website within 30 days of the due date. |

| MCM(s) | Measurable Goal(s) | Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain. |
|--------|--|---|
| 1 | Conduct annual review of SWMP and perform any necessary updates | Goal Met; SWMP review conducted on 9/7/2022 |
| 1 | Conduct at least 1 public involvement session per permit term | Goal Met; virtual public involvement session was conducted from July 1, 2022 – July 31, 2022. |
| 1 | Develop or maintain on the stormwater website at least 2 types of materials/media per year that informs the public about reporting stormwater quality concerns | Goal Met; 2 types of brochures and stormwater quality website were made available. |
| 1 | Comply with TCEQ public notice requirements for the TXR040000 permit renewal process | Goal Met; TCEQ public notice requirements were met for the current permit term. |
| 1 | Maintain and make available annually a stormwater quality website | Goal Met; website updates/maintenance was conducted on 1/20/2022. The stormwater quality website had 411 stie visits during the reporting period. |
| 1 | Maintain collection of education materials on the stormwater quality website annually for local community organizations to view | Goal Met; a collection of educational materials is kept on the stormwater quality website and available for local community organizations to view at www.txms4.com/jefferson . |
| 2 | Conduct at least 1 map review per permit term | Goal Met MS4 outfall map review was conducted on 4/07/2022. |
| 2 | Inspect 20% of the outfalls within the urbanized area annually | Goal Met; 116 outfalls out of 557 were inspected (20%). |

| MCM(s) | Measurable Goal(s) | Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain. |
|---------------|--|---|
| 2 | Maintain ordinances and standard operating procedures in effect annually | Goal Met; one illicit discharge was identified during the reporting period, ordinances and standard operating procedures are in place for reporting/eliminating illicit discharges. |
| 2 | Conduct training for at least 80% of the MS4 field staff employees once per permit term | Goal Met; employee training was conducted for at least 80% of the MS4 field staff during the current permit term. |
| 2 | Annually conduct 1 review of the standard operating procedures and perform any necessary updates | Goal Met; annual review of standard operating procedures a was conducted on 5/2/2022. |
| 2 | Develop or maintain on the stormwater website at least 2 types of media and/or materials annually to help facilitate public reporting of stormwater quality issues | Goal Met; 2 types of brochures and stormwater quality website were made available. |
| 3 | Review 100% of construction plans annually that will result in the disturbances of greater than or equal to one acre, or are part of a common plan of development or sale that will result in the disturbance of one or more acres for compliance with local regulations | Goal Met; the permittee had 19 applicable construction sites during the reporting period that were reviewed and approved. |
| 3 | Annually conduct 1 review of the standard operating procedures and perform any necessary updates | Goal Met; annual review of standard operating procedures a was conducted on 5/2/2022. |

| MCM(s) | Measurable Goal(s) | Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain. |
|---------------|--|---|
| 3 | Inspect 50% of applicable construction sites per year, or a minimum of 20 inspections | Goal Exceeded; 100% of the applicable sites were inspected during the reporting period. (a total of 125 inspections were performed during the reporting period) |
| 3 | Maintain ordinances and standard operating procedures in effect annually | Goal Met; ordinances and standard operating procedures have been developed and are currently being implemented. |
| 3 | Develop or maintain on the stormwater website at least 2 types of media and/or materials annually to help facilitate public reporting of stormwater quality issues | Goal Met; 2 types of brochures and stormwater quality website were made available. |
| 3 | Conduct training for at least 80% of the MS4 field staff employees once per permit term | Goal Met; employee training was conducted for at least 80% of the MS4 field staff during the current permit term. |
| 3 | Maintain an inventory of active construction sites on an annual basis | Goal Met; 19 active construction sites were inventoried during the reporting period |
| 4 | Annually review 100% of the submitted development plans for the inclusion of post construction controls | Goal Met; 3 development plans were reviewed during the reporting period |
| 4 | Maintain ordinances and standard operating procedures in effect annually | Goal Met; ordinances and standard operating procedures have been developed and are currently being implemented. |
| 4 | Inspect 100% of permittee owned permanent structural controls at least once per permit term | Goal Met; the permittee does not own any permanent structural controls within the urbanized area. |

| MCM(s) | Measurable Goal(s) | Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain. |
|---------------|--|---|
| 4 | Annually conduct 1 review of the standard operating procedures and perform any necessary updates | Goal Met; annual review of standard operating procedures a was conducted on 5/2/2022. |
| 5 | Annually maintain an inventory and map of 100% of facilities and stormwater controls that the permittee owns and operates within the urbanized area annually | Goal Met; inventory and map for 100% of the MS4 facilities has been developed and is maintained annually |
| 5 | Conduct training for at least 80% of the MS4 field staff employees once per permit term | Goal Met; employee training was conducted for at least 80% of the MS4 field staff during the current permit term. |
| 5 | Annually conduct 1 review of waste disposal standard operating procedures and perform any necessary updates | Goal Met; annual review of standard operating procedures a was conducted on 5/2/2022. |
| 5 | Annually conduct 1 review of contractor oversight standard operating procedures and perform any necessary updates | Goal Met; annual review of standard operating procedures a was conducted on 5/2/2022. |
| 5 | Annually conduct 1 review of general pollution prevention plan and perform any necessary updates | Goal Met; annual review of the general pollution prevention plan was conducted on 4/27/2022. |
| 5 | Inspect 100% of the permittee owned facilities identified in the MS4 facility inventory once per permit term | Goal Met; 100% of the permittee owned facilities have been inspected during the current permit term. |

| MCM(s) | Measurable Goal(s) | Explain progress toward goal or how goal was achieved. If goal was not accomplished, please explain. |
|--------|--|---|
| 5 | Conduct litter/garbage collection on an annual basis within the regulated area | Goal Met; approximately 3,000 tons of litter/garbage was removed and properly disposed of. |
| 5 | Conduct maintenance on at least 1,000 linear feet of the storm sewer system each year | Goal Met; over 1,000 linear feet of the storm sewer system was maintained during the reporting period. |
| 5 | Conduct at least 1 street sweeping event per year | Goal Met; 1,511.6 lane miles were swept during the reporting period. |
| 5 | Conduct 1 review of the standard operating procedures (MSGP SWP3) once per permit term | Goal Met; each high priority facility was inspected during the permit period (2 facilities). Facility specific SOPs and/or industrial SWP3s were reviewed during inspections. |
| 5 | Annually conduct 1 review of the standard operating procedures and perform any necessary updates | Goal Met; annual review of standard operating procedures a was conducted on 5/2/2022. |

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.?

During the reporting period, the permittee conducted multiple activities to help reduce the discharge of pollutants to the MEP, including but not limited to: outfall inspections, public education, and waste/debris collection. As a result, the permittee inspected approximately 20% of their MS4 to look for flows during dry weather, conducted 125 construction site compliance inspections, and collected/properly disposed of approximately 3,000 tons of litter/garbage (data for all BMPs implemented during the reporting period to reduce the discharge of pollutants to the MEP is included in Section B.3 of this annual report). After review, the permittee has maintained 100% compliance with the measurable goals and implementation schedule established in their SWMP and believes that the program has been successful at reducing the discharge of pollutants to the MEP.

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.

No impaired water bodies were added during the reporting period.

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.

The permittee has referred to the CWA 303(d) list and determined that they are a potential source of the pollutant(s) of concern being discharged to Alligator Bayou (stream segment No. 0702A). Appropriate focused BMPs and corresponding measurable goals have been developed to reduce the discharge of the pollutant(s) of concern that contribute to the impairment of the water body. The focused BMPs include activities related to sanitary sewer systems, on-site sewer systems, illicit discharges, illegal dumping, animal sources, and residential education programs. During the reporting period, the permittee conducted multiple activities to help reduce the discharge of pollutants to the MEP, including but not limited to: outfall inspections, public education, and waste/debris collection. As a result, the permittee inspected approximately 20% of their MS4 to look for flows during dry weather, conducted 125 construction site compliance inspections, maintained a stormwater quality website to facilitate public education, and collected/properly disposed of approximately 3,000 tons of litter/garbage.

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

N/A; permittee does not discharge to a water body with an approved TMDL

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

| Benchmark Parameter <i>(Ex: Total Suspended Solids)</i> | Benchmark Value | Description of additional sampling or other assessment activities | Year(s) conducted |
|---|------------------------|--|--------------------------|
| <u>N/A</u> | <u>N/A</u> | <u>N/A</u> | <u>N/A</u> |

5. Provide an analysis of how the selected BMPs will be effective in contributing to achieving the benchmark: **N/A; only applies to water bodies with an approved TMDL**

| Benchmark Parameter | Selected BMP | Contribution to achieving Benchmark |
|----------------------------|---------------------|--|
| <u>N/A</u> | <u>N/A</u> | <u>N/A</u> |

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

| Description of bacteria-focused BMP | Comments/Discussion |
|--|--|
| Outfall Inspections: Utilize reports from MS4 field staff, citizens, and annual outfall inspections to identify illicit discharges and illegal dumping sites. | 20% of identified outfalls inspected during reporting period. |
| Public Reporting: Develop educational materials and website content focused on the identification and public reporting of sanitary sewer overflows, failing on-site sewer systems, illicit discharges, and illegal dumping. | 2 brochures and a stormwater quality website that help facilitate public reporting of the pollutant(s) of concern were developed and made available. |
| Pet Waste Management: Develop media to facilitate and promote proper pet waste management practices. Educational material options include flyers, brochures, and/or websites. | Brochure promoting proper pet waste management was developed and made available. |

| Description of bacteria-focused BMP | Comments/Discussion |
|---|--|
| <p>Residential Education: Develop media to facilitate public education for bacterial sources including residential sources, pet waste, proper disposal of fats, oils and greases, and decorative ponds. Educational material options include brochures, flyers, and/or websites.</p> | <p>2 brochures, 1 flyer, and a stormwater quality website were developed and made available.</p> |
| <p>Failing On-Site Sewer Systems: Identify failing on-site sewer systems through citizen complaints and/or visual inspections conducted of the storm sewer system. Identified discharges from failing on-site sewer systems will be addressed as illicit discharges to the MS4 and enforcement actions will be implemented based on the permittee's legal authority.</p> | <p>116 outfalls out of 557 were inspected (20%). Zero illicit discharges were identified from failing on-site sewer systems during the current reporting period.</p> |
| <p>Maintenance of On-Site Sewer Systems: Develop media to facilitate proper maintenance of on-site sewer systems. Educational material options include brochures, flyers, and/or websites.</p> | <p>1 brochure, 1 flyer, and a stormwater quality website were developed and made available.</p> |
| <p>Sanitary Sewer Capital Improvement Projects: Document and report on sanitary sewer system capital improvement projects that result in the reduction of sanitary sewer overflows, lift station improvements, and/or a reduction in the magnitude of stormwater inflow and infiltration into the sanitary sewer system.</p> | <p>Zero Sanitary Sewer Capital Improvement Projects took place during the current reporting period.</p> |

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

N/A; only applies to water bodies with an approved TMDL.

| Benchmark Indicator | Description/Comments |
|---------------------|----------------------|
| <p><u>N/A</u></p> | <p><u>N/A</u></p> |

E. Stormwater Activities

Describe activities planned for the next reporting year:

| MCM(s) | BMP | Stormwater Activity | Description/Comments |
|---------------|--|---|--|
| 1 | Flyers and Brochures | Develop or maintain on the stormwater website at least 2 types of flyers/brochures per year | Development of flyers and brochures for the purpose of educating the public on stormwater impacts and ways they can minimize stormwater pollution. |
| 1 | Education of Children | Develop at least 1 type of educational material annually for children | Development of educational materials for school age children in order to foster a respect for water quality at an early age. |
| 1 | Education of Construction Site Personnel | Make available annually on stormwater website at least 1 guidance document or brochure on construction site runoff issues | Development of guidance materials for construction site personnel on the proper installation and maintenance of erosion and sediment controls. |
| 1 | Public Service Announcements | Maintain at least 1 PSA on the City's stormwater website annually to educate the public about water quality | Utilize PSAs on the City's stormwater website to educate the public on the impacts of stormwater pollution and steps they can take to improve water quality. |
| 1 | SWMP Posting | Post a copy of the SWMP on the City's stormwater website no later than 30 days after the TCEQ approval date | Post a copy of the SWMP on the City's stormwater quality website for the public to review. |

| MCM(s) | BMP | Stormwater Activity | Description/Comments |
|---------------|----------------------------|--|---|
| 1 | Annual Report Posting | Annually post a copy of the most recent annual report on the stormwater website no later than 30 days after the due date | Post a copy of each year's annual report on the City's stormwater quality website for the public to review. |
| 1 | SWMP Review | Conduct annual review of SWMP and perform any necessary updates | Conduct an annual review of the City's stormwater management program and perform any necessary updates. |
| 1 | Stormwater Hotline | Develop or maintain on the stormwater website at least 2 types of materials/media per year that informs the public about reporting stormwater quality concerns | Advertise appropriate phone numbers for citizens to participate in the implementation of control measures by reporting illicit discharges, illegal dumping, spills, and construction site discharge issues. |
| 1 | SWMP Public Notice | Comply with TCEQ public notice requirements for the TXR040000 permit renewal process | The City will adhere to all state and local public notice requirements during the TXR040000 permit renewal process. |
| 1 | Stormwater Quality Website | Maintain and make available annually a stormwater quality website | Develop and maintain a stormwater quality website to ensure that the public can easily find information about the SWMP and inform citizens about steps they can take to improve water quality. |

| MCM(s) | BMP | Stormwater Activity | Description/Comments |
|---------------|-----------------------------------|---|---|
| 1 | Educational Material Distribution | Maintain collection of education materials on the stormwater quality website annually for local community organizations to view | Provide local community organizations with the opportunity to assist in the distribution of stormwater quality educational materials by providing them with materials for distribution at their meetings, when requested. All educational materials will be included on the stormwater quality website for viewing by the public. |
| 2 | MS4 Outfall Inspections | Inspect 20% of the outfalls within the urbanized area annually | Conduct inspections of all outfalls in the urbanized area (once per permit term) in order to identify and reduce the presence of illicit discharges to the MS4. |
| 2 | Regulatory Mechanisms | Maintain ordinances and standard operating procedures in effect annually | Enforce local illicit discharge regulations prohibiting illicit non-storm water discharges from being discharged into the City's MS4. Within two years from the permit effective date, the City will review and revise, if needed, its existing regulatory mechanisms to comply with the current permit requirements. |
| 2 | IDDE Procedures | Annually conduct 1 review of the standard operating procedures and perform any necessary updates | Maintain procedures and all associated records for tracing/removing the source of an illicit discharge, responding to illicit discharges/spills, inspections in response to complaints, and to prevent/correct leaking on-site sewage disposal systems. Procedures will be included for follow-up investigations to verify that identified illicit discharges have been eliminated. |

| MCM(s) | BMP | Stormwater Activity | Description/Comments |
|---------------|---|--|---|
| 2 | Public Reporting | Develop/maintain on the stormwater website at least 2 types of media and/or materials annually to help facilitate public reporting of stormwater quality issues | Develop media to facilitate public reporting of illicit discharges. Options include stormwater hotlines, websites, and flyers/brochures. |
| 3 | Construction Site Plan Review | Review 100% of construction plans annually that will result in the disturbances of greater than or equal to one acre, or are part of a common plan of development or sale that will result in the disturbance of one or more acres for compliance with local regulations | Implement a construction site plan review program that focuses on compliance with the local construction regulations and water quality impacts. Plans must meet the requirements established in Part III.B.3(b)(2) subsections a. through c. of TPDES General Permit TXR040000. |
| 3 | Plan Review, Inspection, and Enforcement Procedures | Annually conduct 1 review of the standard operating procedures and perform any necessary updates | Maintain and implement site plan review, inspection, and enforcement procedures that describe which plans will be reviewed, when operators may begin construction, soil stabilization requirements, and how inspection/enforcement actions will be conducted. |
| 3 | Construction Site Inspection/Enforcement | Inspect 50% of applicable construction sites per year, or a minimum of 20 inspections | Conduct inspections of construction sites and associated control measures and enforce local regulatory mechanisms to the MEP. |

| MCM(s) | BMP | Stormwater Activity | Description/Comments |
|---------------|---------------------------------|--|---|
| 3 | Regulatory Mechanisms | Maintain ordinances and standard operating procedures in effect annually | Enforce local regulations to address stormwater runoff from construction sites which disturb one acre or more or are part of a common plan of development that disturb greater than or equal to one acre. Within two years from the permit effective date, the City will review and revise, if needed, its existing regulatory mechanisms to comply with the current permit requirements. |
| 3 | Public Reporting | Develop or maintain on the stormwater website at least 2 types of media and/or materials annually to help facilitate public reporting of stormwater quality issues | Maintain and implement procedures for receipt and consideration of information submitted by the public regarding construction site stormwater runoff. |
| 3 | Construction Site Inventory | Maintain an inventory of 100% of the permitted active construction sites on an annual basis | Maintain an inventory of all permitted active public and private construction sites, that disturb one acre or more or are part of a common plan of development that disturb greater than or equal to one acre. |
| 4 | Development Project Plan Review | Review development plans for the inclusion of post construction controls annually | Review development plans to ensure compliance with local post construction runoff guidelines and inclusion of appropriate permanent stormwater quality controls. |

| MCM(s) | BMP | Stormwater Activity | Description/Comments |
|---------------|------------------------------|---|--|
| 4 | Regulatory Mechanisms | Maintain ordinances and standard operating procedures in effect annually | Enforce local post construction stormwater management regulations to address discharges from new development and redevelopment projects which disturb one acre or more or are part of a common plan of development that disturb greater than or equal to one acre. Within two years from the permit effective date, the City will review and revise, if needed, its existing regulatory mechanisms to comply with the current permit requirements. |
| 4 | Post Construction Procedures | Annually conduct 1 review of the standard operating procedures and perform any necessary updates | Develop and maintain standard operating procedures to document records of enforcement actions and procedures for ensuring long-term operation/maintenance of post construction stormwater control measures. |
| 5 | MS4 Facility Inventory/Map | Annually maintain an inventory and map of 100% of the facilities and stormwater controls that the permittee owns and operates within the urbanized area | Maintain an inventory and map of applicable facilities and stormwater controls pursuant to the requirements established in Part III, Section B.5(b)(1) of TPDES General Permit TXR040000, that the permittee owns and operates within the urbanized area. Identify high priority facilities including at a minimum: maintenance yards, hazardous waste facilities, and fuel storage locations. The permittee will maintain documentation of their facility assessment results. |
| 5 | Waste Disposal Procedures | Annually conduct 1 review of the standard operating procedures and perform any necessary updates | Maintain standard operating procedures for the appropriate disposal of waste materials from maintenance activities such as floatable collections, dredge spoils, and/or accumulated sediments. |

| MCM(s) | BMP | Stormwater Activity | Description/Comments |
|---------------|--------------------------------------|--|---|
| 5 | Contractor Oversight Procedures | Annually conduct 1 review of the standard operating procedures and perform any necessary updates | Maintain procedures that contractually require contractors hired by the permittee to perform maintenance activities on permittee-owned facilities to comply with all stormwater control measures, good housekeeping practices, and facility specific stormwater management operating procedures. |
| 5 | Operation and Maintenance Activities | Annually conduct 1 review of the standard operating procedures and perform any necessary updates | Maintain and implement general pollution prevention plans that identify potential pollutants of concern and address stormwater discharges from permittee operation and maintenance activities, including road and parking lot maintenance, bridge maintenance, cold weather operations, and right-of-way maintenance. |
| 5 | Litter/garbage Collection | Conduct litter/garbage collection on an annual basis within the regulated area | Conduct garbage and/or litter collection to reduce floatable material discharges to the MS4. |
| 5 | Storm Sewer System Maintenance | Conduct maintenance on at least 1,000 linear feet of the storm sewer system each year | Conduct storm sewer system maintenance on catch basins, ditches, and other surface structures to reduce the discharge of pollutants. Develop list of potential problem areas for increased inspections. |
| 5 | Street Sweeping | Conduct street sweeping on at least 100 lane miles each year | Conduct street sweeping in compliance with the established implementation schedule and waste disposal procedures. |

| MCM(s) | BMP | Stormwater Activity | Description/Comments |
|--------|--------------------------------|--|---|
| 5 | Municipal Operation Procedures | Annually conduct 1 review of the standard operating procedures and perform any necessary updates | Maintain standard operating procedures for inspecting/maintaining structural controls at municipal facilities and for conducting employee training for staff members involved in implementing pollution prevention/good housekeeping practices. |

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: **N/A**

| MCM(s) | Measurable Goal(s) or BMP(s) | Implemented or Proposed Changes (Submit NOC as needed) |
|-------------------|------------------------------|--|
| <u>N/A</u> | <u>N/A</u> | <u>N/A</u> |

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.

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. N/A

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

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)

Name and Explanation: **City of Port Neches; see explanation below**

Name and Explanation: **City of Nederland; see explanation below**

Name and Explanation: **City of Groves; see explanation below**

Name and Explanation: **Jefferson County Drainage District No. 7; see explanation below**

Name and Explanation: **Jefferson County; see explanation below**

All permittees listed in this annual report are participating members in the Jefferson County Stormwater Quality Coalition and are responsible for the implementation of the programs as indicated in the "MS4 Responsibilities" section of the SWMP. Some of the activities are being conducted as a group, such as the development of public education materials, guidance documents, standard operating procedures, and SWMP meetings. Information included in this report for public education materials is combined data for all members of the coalition.

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

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 | |
| The total number of acres disturbed for municipal construction projects | N/A |

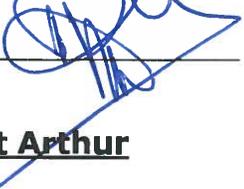
Note: Though the seventh MCM is optional, implementation must be requested on the NOI or on a NOC and approved by the TCEQ.

J. Certification – City of Port Arthur

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): RON BUCKLEY Title: CITY MANAGER

Signature:  Date: 12/19/22

Name of MS4: City of Port Arthur