

Kimley»Horn

March 18, 2021

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

**RE: *Phase II MS4 Annual Report Transmittal for the City of Lake Worth*
*TPDES Permit Authorization: TXR040099***

Dear Team Leader:

This letter serves to transmit the 2020 Annual Report for the Texas Pollutant Discharge Elimination System Small Municipal Separate Storm Sewer System General Permit, Authorization Number TXR040099 for the City of Lake Worth.

The annual report is for Year 2. The reporting period's beginning January 1, 2020 to December 31, 2020.

A separate Notice of Change will not be submitted since no changes are proposed for the next permit year. As required by the general permit, a copy of this submittal has also been mailed to the TCEQ's regional office in Fort Worth, Texas.

Sincerely,



Misty Christian, P.E., CFM
Project Manager

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Phase II (Small) MS4 Annual Report Form

TPDES General Permit Number TXR040000

A. General Information

Authorization Number: TXR0400099

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

Annual Reporting Year Option Selected by MS4: 2020

Calendar Year X

Permit Year _____

Fiscal Year: _____ Last day of fiscal year: (December 31, 2020)

Reporting period beginning date: (month/date/year) Jan 2020

Reporting period end date (month/date/year) Dec 2020

MS4 Operator Level: Traditional Name of MS4: City of Lake Worth, Texas

Contact Name: Gilbert Salas/Stacey Almond Telephone Number: 817-237-1211 x202

Mailing Address: 3805 Adam Grubb, Lake Worth, TX 76135

E-mail Address: gsalas@lakeworthtx.org

A copy of the annual report was submitted to the TCEQ Region YES X NO _____
Region the annual report was submitted. TCEQ Region Fort Worth

B. Status of Compliance with the MS4 GP and SWMP

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

	Yes	No	Explain
Permittee is currently in compliance with the SWMP as submitted to and approved by the TCEQ.	X		
Permittee is currently in compliance with recordkeeping and reporting requirements.	X		
Permittee meets the eligibility requirements of the permit (e.g., TMDL requirements, Edwards Aquifer limitations, compliance history, etc.)	X		

2. Provide a general assessment of the appropriateness of the selected BMPs. You may use the table below (**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.)
	See attached.	

3. Describe progress towards reducing the discharge of pollutants to the maximum extent practicable. Summarize any information used (such as visual observation, amount of materials removed or prevented from entering the MS4, or if required monitoring data, etc.) to evaluate reductions in the discharge of pollutants. You may use the table (**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.)
		See attached.			

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
	See attached.	

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.? (Refer to the MS4 General Permit TXR040000 Part IV Section B.2.(b))

D. Impaired Waterbodies

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: (Refer to MS4 General Permit TXR040000 Part IV Section B.2.(c))

Lake Worth discharges to Lake Worth. The City of Lake Worth performs visually inspection of the creeks. The City of Fort Worth performs the testing since the City of Fort Worth has jurisdiction of the creeks before they discharge to Lake Worth.

1. Describe the implementation of targeted controls if the small MS4 discharges to an impaired water body with an approved TMDL (Refer to the MS4 General permit TXR040000; Part II Section D.4.(a)):

Lake Worth discharges to Lake Worth. The City of Lake Worth performs visually inspection of the creeks. The City of Fort Worth performs the testing since the City of Fort Worth has jurisdiction of the creeks before they discharge to Lake Worth.

2. Report the benchmark identified by the MS4 and assessment activities (Refer to the MS4 General permit TXR040000; Part II Section D.4.(a)(6)):

Benchmark Parameter <i>(Ex: Total Suspended Solids)</i>	Benchmark Value	Description of additional sampling or other assessment activities	Year(s) conducted
		Not applicable.	

3. Provide an analysis of how the selected BMPs will be effective in contributing to achieving the benchmark (Refer to the MS4 General permit TXR040000; Part II Section D.4.(a)(4)):

Benchmark Parameter	Selected BMP	Contribution to achieving Benchmark
	No applicable.	

5. If applicable, report on focused BMPs to address impairment for bacteria (Refer to the MS4 General Permit TXR040000; Part II Section D.4.(a)(5)):

Description of bacteria-focused BMP	Comments/Discussion
No applicable.	

6. Assess the progress to determine BMP's effectiveness in achieving the benchmark (Refer to the MS4 General Permit TXR040000; Part II.D.4.(a)(6)):

For example, the MS4 may use the following benchmark indicators:

- number of sources identified or eliminated;
- decrease in number of illegal dumping;
- increase in illegal dumping reporting;
- number of educational opportunities conducted;
- reductions in sanitary sewer flows (SSOs)
- increase in illegal discharge detection through dry screening

Benchmark Indicator	Description/Comments
Not applicable.	

E. Stormwater Activities

Describe stormwater activities the MS4 operator plans to undertake during the next reporting year. You may use the table below (Refer to the MS4 General Permit TXR040000 Part IV Section B.2.(d)):

MCM(s)	BMP	Stormwater Activity	Description/Comments
		See attached.	

F. SWMP Modifications

1. 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 (Refer to the MS4 General Permit TXR040000 Part IV Section B.2.(e)):

MCM(s)	Measurable Goal(s) or BMP(s)	Implemented or Proposed Changes (Submit NOC as needed)
	Not applicable.	

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.

2. Explain additional changes or proposed changes not previously mentioned (i.e. dates, contacts, procedures, annexation of land etc.):

Lake Worth discharges to Lake Worth. The City of Lake Worth performs visually inspection of the creeks. The City of Fort Worth performs the testing since the City of Fort Worth has jurisdiction of the creeks before they discharge to Lake Worth.

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 (Refer to the MS4 General permit TXR040000 Part IV Section B.2.(f)).

BMP	Description	Implementation Schedule (Start Date etc.)	Status / Completion Date (completed, in progress, not started)
	Not applicable.		

H. Additional Information

1. Is the permittee relying on another entity to satisfy some of its permit obligations? (refer to the MS4 General Permit TXR040000 Part IV Section B.2.(g))

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:

Name and Explanation:

Name and Explanation:

Name and Explanation:

- 2.a. Is the permittee part of a group sharing a SWMP with other entities?

Yes No

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

Yes No

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

Authorization Number: _____

Permittee: _____

I. Construction Activities

1. The number of construction activities that occurred in the jurisdictional area of the MS4 (Notices of intent and site notices received; Refer to the MS4 General Permit TXR040000 Part IV Section B.2.(h)) _____

2a. Does the permittee utilize the optional 7th MCM related to construction?

 Yes X No

2b. If 'yes,' then provide the following information for this permit year (refer to the MS4 General Permit TXR040000 Part IV Section B.2.(i)):

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

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

J. Certification

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

Name of MS4 CITY OF LAKE WORTH MS4

Name (printed): STACIAY AUMOND Title: CITY MANAGER

Signature: [Signature] Date: 3.23.2021

Name of MS4 _____

Name (printed): _____ Title: _____

Signature: _____ Date: _____

Name of MS4 _____

Name (printed): _____ Title: _____

Signature: _____ Date: _____

Name of MS4 _____

Name (printed): _____ Title: _____

Signature: _____ Date: _____

Name of MS4 _____

Name (printed): _____ Title: _____

Signature: _____ Date: _____

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



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B.2. General Assessment
These are the BMPs that were selected to be performed during the 2020 permit year.

MCM(s)	BMP	Description of BMP	Yes, it is appropriate?
1	BMP 1.A	Continue storm marking program Distribute storm water brochures	Yes, it educates the public on stormwater
1	BMP 1.B	Present storm water in public setting Provide information in Utility Bill	Yes, it educates the public on stormwater
1	BMP 1.C	Establish link City website	Yes, it educates the public on stormwater
1	BMP 1.D	Advise and Perform Clean Up Event	Yes, it educates and provides resource for reporting
1	BMP 1.E	Distribute storm water brochures	Yes, removes potential pollutants
2	BMP 1.F	Establish link City website	Yes, it educates the public on stormwater
2	BMP 2.A	Establish link City website	Yes, it educates and provides resource for reporting
2	BMP 2.B	Mapping of City Storm Sewer Systems	Yes, shows outfall locations for illicit discharge management
2	BMP 2.C	Review of Site Plans and SWPPP	Yes, I. reduces pollutants
2	BMP 2.D	Training of City Employees (Illicit Discharge)	Yes, provides training for staff on storm water
2	BMP 2.E	Review and Enforce the Ordinance and Review Maitain Onsite Procedures for Responding to Spills	Yes, documents policy and enforcement Yes, procedures will be documented for staff to follow
2	BMP 2.F	Source Investigation and Elimination	Yes, I. reduces pollutants
3	BMP 2.G	Training of City Employees (Erosion Control)	Yes, provides training for staff on storm water
3	BMP 3.A	Review and Enforce the Ordinance and Review	Yes, documents policy and enforcement
3	BMP 3.B	Review of Site Plans and SWPPP	Yes, I. reduces pollutants
3	BMP 3.C	Develop Schedule and conduct site inspections	Yes, I. reduces pollutants
3	BMP 3.D	Distribute storm water brochures	Yes, it educates the public on stormwater
4	BMP 4.A	Establish link City website	Yes, it educates the public on stormwater
4	BMP 4.B	Review of Site Plans and SWPPP	Yes, I. reduces pollutants
4	BMP 4.C	Require Maintenance Plans	Yes, I. reduces pollutants
5	BMP 4.D	Training of City Employees (Pollution Prevention/Good Housekeeping)	Yes, provides training for staff on storm water
5	BMP 5.A	Develop OEM Schedule	Yes, I. reduces pollutants
5	BMP 5.B	Develop Procedures for Waste Disposal	Yes, I. reduces pollutants
5	BMP 5.C	Recycle Program	Yes, I. reduces pollutants
5	BMP 5.D	Maintain inventory of facilities and site controls	Yes, identifies locations to monitor and maintain
5	BMP 5.E	Identify and Review pollutants of Concern	Yes, I. reduces pollutants
5	BMP 5.F	Consider Ways to Reduce Pollutants of Concern	Yes, I. reduces pollutants
5	BMP 5.G		



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2020 TEEQ MSA Annual Report Cont'd

3. Progress toward reducing discharge of pollutants

The City does not test the stormwater specific parameters are not targeted other than sediment. The quantity and unit is described in Table 4.

Description of BMP

Information Used

Quantity

Metric(s)	Description of BMP	Information Used	Quantity	Units	Direct Reduction?
1BMP 1.A	Continue Storm making program	marketers	Continued program, no new markings	# of markings	No, but will communicate water way
1BMP 1.B	Distribute storm water brochures	brochures	300 brochures and 100 coloring books	# of brochures	No, but provides education for others.
1BMP 1.C	Present: Storm Water in public setting	presentation	Presented in February and August 2020	# of meetings	No, but provides education for others.
1BMP 1.D	Provide information in Utility Bill	Insert	Mailed Insert to all residents-May 2020	# of inserts	No, but provides education for others.
1BMP 1.E	Establish City website	website	One updated website	# of website	No, but provides education for others.
1BMP 1.F	Advise and Perform Clean Up Event	event	One event	# of events	Nb, but efforts will reduce waste/pollutants in water.
2BMP 2.A	Distribute storm water brochures	brochures	300 brochures and 100 coloring books	# of brochures	No, but provides education for others.
2BMP 2.B	Establish link City website	website	One website updated	# of website	No, but provides education for others.
2BMP 2.C	Mapping of the Storm/Sewer Systems	map	No updates to the map, map was reviewed	# of map	No, but provides education for others.
2BMP 2.D	Review of Site Plans and SWPPP	construction plans	Reviewed 2 new projects	# of reviews	No, but efforts will reduce waste/pollutants in water.
2BMP 2.E	Training of City Employees [Official Discharge]	training/employees	One people trained	# of training	No, training will educate staff so eventually pollutants will be reduced.
2BMP 2.F	Review and Enforce the Ordinance and Review	ordinance	One reviewed and updated ordinance	# of ordinances	No, but policy will help guide and enforce program.
2BMP 2.G	Maintain Onsite Procedures for Responding to Spills	list/procedures	One updated list	# of procedures	Yes, will remove pollutants from potentially entering water
2BMP 2.H	Source investigation and Elimination	list	One updated list	# of list	Yes, will remove pollutants from potentially entering water
3BMP 3.A	Training of City Employee Erosion Control	people trained	One people trained, covid	# of training	No, training will educate staff so eventually pollutants will be reduced.
3BMP 3.B	Review and Enforce the Ordinance and Review	ordinance	One reviewed and updated ordinance	# of ordinance	No, but efforts will reduce waste/pollutants in water.
3BMP 3.C	Review of Site Plans and SWPPP	construction plans	Reviewed 2 new projects	# of reviews	No, but efforts will reduce waste/pollutants in water
3BMP 3.D	Develop Schedule and conduct site inspections	schedule/list	One updated list	# of list	No, will remove pollutants from potentially entering water
4BMP 4.A	Distribute storm water brochures	brochures	300 brochures and 100 coloring books	# of brochures	No, but provides education for others.
4BMP 4.B	Establish link City website	website	One website updated	# of website	No, but provides education for others.
4BMP 4.C	Review of Site Plans and SWPPP	construction plans	Reviewed 2 new projects	# of reviews	No, but program will help reduce pollutants
4BMP 4.D	Retire Maintenance Plans	construction plans	3 new developments, no maintenance plans	# of plan	No, but program will help reduce pollutants
5BMP 5.A	Training of City Employees (Pollution Prevention/Good Housekeeping)	training	One people trained, covid	# of training	No, training will educate staff so eventually pollutants will be reduced.
5BMP 5.B	Develop O&M Schedule	O&M schedule	One updated list	# of O&M procedures	No, but program will help reduce pollutants
5BMP 5.C	Develop Procedere for waste disposal	waste management program	One updated procedure/uses one company	# of procedures	No, will remove pollutants from potentially entering water
5BMP 5.D	Recycle Program	spills	One updated list	# of spills	Yes, will remove pollutants from potentially entering water
5BMP 5.E	Maintain Onsite Procedures for Responding to Spills	list	One updated list	# of list	No, put it will help identify pollutants
5BMP 5.F	Identify and review pollutants of concern	list	One updated list	# of list	Yes, will remove pollutants from potentially entering water
5BMP 5.G	Consider Various Ways to Reduce Pollutants of Concern	list	One updated list	# of list	Yes, will remove pollutants from potentially entering water



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4. Measurable Goal for MCM

MCM(s)	BMP	BMP Description	Measurable Goal	Status
1	BMP 1.A	Continue storm marking program	Mark 100% of new developments/storm inlets	100% of Goal Met
1	BMP 1.B	Distribute storm water brochures	Place 20 brochures throughout city hall and 30 at city wide event	100% Goal Met; Distributed 300 brochures during Trunk or Treat and 100 coloring books. Placed 10 brochures at City Hall [all 30 picked up]
1	BMP 1.C	Present Storm Water in public setting	Two types of storm water posters will be placed at city hall and a presentation made to council	100% of Goal Met from presentation (different formats) presented in February and August 2020 (city newsletter)
1	BMP 1.D	Provide information in Utility Bill	Provide insert once a year.	100% Goal Met; Insert was mailed in May of 2020
1	BMP 1.E	Establish link City website	Provide a link to the website and update.	100% of Goal Met; City continues to update and manage the website
1	BMP 1.F	Adhere and Perform Clean Up Event	Advertise and perform one local cleanup every year.	100% of Goal Met-Held November 2020 - April 2021
2	BMP 2.A	Distribute storm water brochures	Place 20 brochures throughout city hall and 30 at city wide event	100% Goal Met; Distributed 300 brochures during Trunk or Treat and 100 coloring books. Placed 30 brochures at City Hall [all 30 picked up]
2	BMP 2.B	Establish link City website	Provide a link to the website and update.	100% of Goal Met; City continues to update and manage the website
2	BMP 2.C	Mapping of the Storm Sewer Systems	Update map once a year.	100% of Goal Met-no updates to be made
2	BMP 2.D	Review of Site Plans and SWPPP	Review all new development submissions.	100% of Goal Met-reviewed all submissions
2	BMP 2.E	Training of City Employees (Illicit Discharge)	Send one employee to training.	0% of Goal Met- due to COVID, nobody was sent to training.
2	BMP 2.F	Review and Enforce the Ordinance and Review	Continue to implement the ordinance and review.	100% of Goal Met-reviewed the ordinance once in December 2020
2	BMP 2.G	Maintain Onsite Procedures for Responding to Spills	Update and review SOPs once a year.	100% of Goal Met-reviewed procedures for responding to spills, had one meeting to discuss in December 2020
2	BMP 2.H	Source Investigation and Elimination	Continue to implement procedures for conducting investigations.	
3	BMP 3.A	Training of City Employees (Erosion Control)	Keep 100% of the records.	100% of Goal Met-no spills reported
3	BMP 3.B	Review and Enforce the Ordinance and Review	Send one employee to training.	0% of Goal Met- due to COVID, nobody was sent to training
3	BMP 3.C	Review of Site Plans and SWPPP	Continue to implement and review the ordinance	0% of Goal Met-reviewed the ordinance once in December 2020
3	BMP 3.D	Develop Schedule and conduct site inspections	Review all new development submissions.	100% of Goal Met-reviewed the development plans
4	BMP 4.A	Distribute storm water brochures	Perform onsite inspections for 100% of construction sites.	100% of Goal Met-reviewed and reviewed from December 2020
4	BMP 4.B	Establish link City website	Place 20 brochures throughout city hall and 30 at city wide event	100% Goal Met; Distributed 300 brochures during Trunk or Treat and 100 coloring books. Placed 30 brochures at City Hall [all 30 picked up]
4	BMP 4.C	Review of Site Plans and SWPPP	Provide a link to the website and update.	100% of Goal Met; City continues to update and manage the website
4	BMP 4.D	Require Maintenance Plans	Review all new development submissions.	100% of Goal Met-reviewed the development plans
5	BMP 5.A	Training of City Employees (Pollution Prevention/Good Housekeeping)	Require all developments to provide maintenance plans	100% of Goal Met-reviewed all developments to provide plan
5	BMP 5.B	Develop O&M Schedule	Send one employee to training.	0% of Goal Met- due to COVID, nobody was sent to training
5	BMP 5.C	Develop procedures for waste disposal	Review and update O&M once a year.	100% of Goal Met-reviewed and updated December 2020
5	BMP 5.D	Recycle Program	Perform one recycle program a year	100% of Goal Met-reviewed and updated December 2020
5	BMP 5.E	Maintain Onsite Procedures for Responding to Spills	Update procedures and report spills once a year	100% of Goal Met-updated and reviewed from December 2020
5	BMP 5.F	Identify and Review pollutants of concern	Update and review once a year.	100% of Goal Met-updated and reviewed from December 2020
5	BMP 5.G	Consider Ways to Reduce Pollutants of Concern	Update and review once a year.	100% of Goal Met-updated and reviewed from December 2020
		Annual reporting		

**C. Stormwater Monitoring Data**

Yes, the City of Lake Worth has a visual observation program in effect. There was no evidence of illicit discharges in the ditches, detention ponds, and roadways.

D. Impaired Bodies of Water

Lake Worth may be considered an impaired water. Lake Worth is doing no extra monitoring or BMPs that target this area.

E. Stormwater Activities

MCM(s)	BMP	Description of BMP
1	BMP 1.A	Continue storm marking program
1	BMP 1.B	Distribute storm water brochures
1	BMP 1.C	Present storm water in public setting
1	BMP 1.D	Provide information in Utility Bill
1	BMP 1.E	Establish link City website
1	BMP 1.F	Advertise and Perform Clean Up Event
2	BMP 2.A	Distribute storm water brochures
2	BMP 2.B	Establish link City website
2	BMP 2.C	Mapping of the Storm Sewer Systems
2	BMP 2.D	Review of Site Plans and SWPPP
2	BMP 2.E	Training of City Employees (Illicit Discharge)
2	BMP 2.F	Review and Enforce the Ordinance and Review
2	BMP 2.G	Maintain Ordinance procedures for Responding to Spills
2	BMP 2.H	Source Investigation and Elimination
3	BMP 3.A	Training of City Employees (Erosion Control)
3	BMP 3.B	Review and Enforce the Ordinance and Review
3	BMP 3.C	Review of Site Plan and SWPPP
3	BMP 3.D	Develop Schedule and conduct Site Inspections
4	BMP 4.A	Distribute storm water brochures
4	BMP 4.B	Establish link City website
4	BMP 4.C	Review of Site Plans and SWPPP
4	BMP 4.D	Review of Maintenance Plans
5	BMP 5.A	Training of City Employees (Pollution Prevention/Food Housekeeping)
5	BMP 5.B	Data entry CRM Schedule
5	BMP 5.C	Develop Procedures for Waste Disposal
5	BMP 5.D	Establish Program
5	BMP 5.E	Maintain inventories of facilities and site controls
5	BMP 5.F	Identify and Report new pollutants of Concern
5	BMP 5.G	Consider Way to Reduce Pollutants of Concern