



P.O. Box 3639
Cedar Park, Texas 78630

March 17, 2022

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 Northtown MUD
TPDES Authorization: TXR040347

Dear Team Leader:

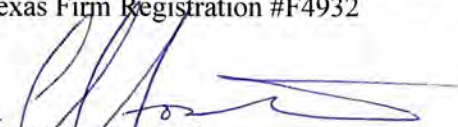
This letter serves to transmit the required annual report for the Texas Pollutant Discharge Elimination System Small Municipal Separate Storm Sewer System General Permit, Authorization Number TXR040347 for the Northtown Municipal Utility District.

The annual report is for Year 3. The reporting period's beginning January 1, 2021 and ending December 31, 2021. The annual report is based upon the Notice of Intent and Stormwater Management Program (SWMP) submitted to the TCEQ on May 22, 2019. The SWMP was updated and technically approved on September 23, 2021. A separate Notice of Change has not been submitted based on the fact that changes have not been proposed for the next permit year.

As required by the general permit, a copy of the report has been mailed to the TCEQ's Regional Office 11 in Austin, Texas.

Sincerely,

360 PROFESSIONAL SERVICES, INC.
Texas Firm Registration #F4932



Scott J. Foster, P.E.
Engineer for the District

Attachment: Year 3 Annual Report

cc: Mr. Carter Dean, Armbrust & Brown, P.L.L.C.
TCEQ Region 11, Austin

Phase II (Small) MS4 Annual Report Form

TPDES General Permit Number TXR040000

A. General Information

Authorization Number: TXR040347

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

Annual Reporting Year Option Selected by MS4:

Calendar Year: 2021

Permit Year: _____

Fiscal Year: _____ Last day of fiscal year: (_____)

Reporting period beginning date: (month/date/year) 1/1/2021

Reporting period end date: (month/date/year) 12/31/2021

MS4 Operator Level: Level 2 Name of MS4: Northtown Municipal Utility District

Contact Name: Scott J. Foster, P.E. Telephone Number: (512) 354-4682 ext 101

Mailing Address: c/o 360 Professional Services Inc.

PO Box 3639

Cedar Park, TX 78630

E-mail Address: scott.foster@360psinc.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 11 (Austin)

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		The District is operating within the SWMP that was submitted to TCEQ in June 2019 and technically approved on September 23, 2021.
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		
Permittee conducted an annual review of its SWMP in conjunction with preparation of the annual report	X		

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)
General	General. The District utilizes the table in Appendix A to monitor the goals of the SWMP.	Yes. The table provides a simplified version of the goals of the SWMP.
1a. Public Education	Hold Public Hearing on new Permit and SWMP.	Yes. Provides direct reminder information to the District.
1b. Public Education	Review and Provide Bill inserts two times per year. Bill inserts to include education on pet waste, oil and grease reduction, flushable items, and maintenance of decorative ponds and pools	Yes. Provides direct reminder information to the Public and indirectly to the District.

1c. Public Education	Review and update District website for education on pet waste, oil and grease reduction, flushable items, and maintenance of decorative ponds and pools.	Yes. Provides information to the public and to the District.
1d. Public Education	Post revised SWMP on Website within 30 days of TCEQ Approval	Yes. Provides information to the public.
1e. Public Education	Post SWMP Annual Reports on Website within 30 days after the due date for the reporting calendar year	Yes. Provides information to the public.
1f. Public Education	Post Spill Reporting Line on Website	Yes. Provides reporting location to the public.
1g. Public Education	Provide notice to TDS of the Districts SWMP and TDS to train staff	Yes. Provides information to TDS of the Districts SWMP and TDS trains staff on SWMP.
1h. Public Education	Meet with School Representatives in Year 3 and Year 5	Yes. Provides information to School Representatives.
1i. Public Education	Instruct construction site supervisors	Yes. Provides information to construction site supervisors.
1j. Public Education	Review establishment of "Grow Zones". Install signage along stream beds identifying "Grow Zones".	Yes. Provides effective public information on the purpose and provides a BMP to reduce erosion and pollutants entering the stream system.
1k. Public Education	Review existing pet waste stations and signage. Provide additional stations and pet waste bags as needed.	Yes. Monitoring the use and location of the pet waste stations provides both a reminder to the public and a direct impact on the reduction of pet waste.
2a. Illicit Discharge Detections	Train District employees, contractor, and operator on SWMP	Yes. Routine training of new employees and reinforces training of previous employees.
2b. Illicit Discharge Detections	System Map including outfalls, names and locations of ponds	Yes. Updated maps provide a tool to monitor the locations of the facilities.
2c. Illicit Discharge Detections	System Map of the District sanitary sewer system	Yes. Updated maps provide a tool to monitor the locations of the facilities.

2d. Illicit Discharge Detections	Crossroads Utility Services & Districts' operator to Provide Routine Inspections for sanitary sewer systems located within 100 feet of the centerline of waterways.	Yes. The inspections provide an opportunity to evaluate the system to reduce overflows.
2e. Illicit Discharge Elimination	Complete installation of Low Flow Lift Station and East Lift Station Force Main Replacement	Yes. Upon completion this will reduce the risks of sewage overflows.
3a. Construction Site Stormwater Runoff	Review Plans for compliance with District's MS4 Program	Yes. The reviews ensure that the District's SWMP is implemented.
3b. Construction Site Stormwater Runoff	Receipt and consideration of input from the public regarding construction activities.	Yes. Provides reporting location to the public.
3c. Construction Site Stormwater Runoff	Provide Routine Site Inspections	Yes. Site visits provide an opportunity to review the effectiveness of controls and ensure that the SWPPP is being implemented.
4a. Post Construction Stormwater Management in New Development & Redevelopment	Provide Routine Inspections of District Maintained Facilities	Yes. Periodic inspections provide the opportunity to identify any maintenance needs of the facility that would impact their effectiveness.
4b. Post Construction Stormwater Management in New Development & Redevelopment	Provide Routine Inspections of District Maintained Facilities	Yes. Periodic inspections of private facilities provide the opportunity to identify any maintenance needs of the facility that would impact their effectiveness.
5a. Pollution Prevention and Good Housekeeping for Municipal Operations	District Landscaper and District Operator to provide routine ground maintenance and trash removal on District property.	Yes. Routine ground maintenance and trash removal helps reduce the amount of floatable being discharged to the storm system
5b. Pollution Prevention and Good Housekeeping for Municipal Operations	District Landscaper and District Operator to maintain Material Data Sheets on regulated chemicals, herbicides, and pesticides used in District	Yes. Updated MSDS on regulated chemicals, herbicides, and pesticides help ensure quick and accurate responses to spills.

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)
General	General. The District utilizes the table in Appendix A to monitor the goals of the SWMP.	SWMP Appendix	1	Checklist	Yes. The table provides a simplified version of the goals of the SWMP.
1b. Public Education	Review and Provide Bill inserts two times per year. Bill insert to include education on pet waste	Utility Bill Inserts / Website	+/- 6,300	Inserts	Yes. Provides direct reminder of the information to the Public. The effectiveness is not quantifiable.
1c. Public Education	Review and update District website for education on pet waste, oil and grease reduction, flushable items, and maintenance of decorative ponds and pools.	Website	1	Website	No Provides information to the public, but the effectiveness is not quantifiable.
1d. Public Education	Post revised SWMP on Website within 30 days of TCEQ Approval	Website	1	Website	No Provides information to the public, but the effectiveness is not quantifiable.
1e. Public Education	Post SWMP Annual Reports on Website within 30 days after the due date.	Website	1	Website	No Provides information to the public, but the effectiveness is not quantifiable.
1i. Public Education	Instruct construction site supervisors	Construction Sites	As Needed / Periodic	Inspections	Yes. Provides general information to contractors and reminds them of their SWPPP responsibility.
1j. Public Education	Review establishment of "Grow Zones". Install signage along stream beds identifying "Grow Zones".	Inspections	As Needed / Yearly	Inspections	Yes. Provides effective public information on the purpose and provides a BMP to reduce erosion and pollutants entering the stream system.

1k. Public Education	Review existing pet waste stations and signage. Provide additional stations and pet waste bags as needed.	Inspections	As Needed / Yearly	Inspections	Yes. Monitoring the use and location of the pet waste stations provides both a reminder to the public and a direct impact on the reduction of pet waste.
2a. Illicit Discharge Detections	Train District employees, contractor, and operator on SWMP	Training	As Needed / Year 3 & 5	Training	Yes. Routine training of new employees and reinforces training of previous employees.
2b. Illicit Discharge Detections	System Map including outfalls, names and locations of ponds	Maps	Completed every 3-5 years and a minimum of at least once per permit term	Maps	Yes. Updated maps provide a tool to monitor the locations of the facilities.
2c. Illicit Discharge Detections	System Map of the District sanitary sewer system	Maps	Completed every 3-5 years and a minimum of at least once per permit term	Maps	Yes. Updated maps provide a tool to monitor the locations of the facilities.
2d. Illicit Discharge Detections	Crossroads Utility Services & Districts' operator to Provide Routine Inspections for sanitary sewer systems located within 100 feet of the centerline of waterways.	Inspections	Yearly	Inspections	Yes. The inspections provide an opportunity to evaluate the system to reduce overflows and inflow/infiltration.
2e. Illicit Discharge Elimination	Complete installation of Low Flow Lift Station and East Lift Station Force Main Replacement	Plans	1	Construction Plans	Yes. Upon completion this will reduce the risks of sewage overflows. Construction of the improvements should be completed in March 2022.

3a. Construction Site Stormwater Runoff	Review Plans for compliance with District's MS4 Program	Plans	District Engineer to review 100% of active construction site plans for compliance with District's MS4 Program during plan permitting process as received.	Plans	Yes. The reviews ensure that the District's SWMP is implemented.
3c. Construction Site Stormwater Runoff	Provide Routine Site Inspections	Construction Sites	District Engineer to review plans for compliance with District's MS4 Program during plan permitting process as received.	Inspections	Yes. Site visits provide an opportunity to review the effectiveness of controls and ensure that the SWPPP is being implemented.
4a. Post Construction Stormwater Management in New Development & Redevelopment	Provide Routine Inspections of District Maintained Facilities	Inspections	The District routinely inspected the 100% of the ponds after every rainfall and at least on a quarterly basis.	Inspections	Yes. Periodic inspections provide the opportunity to identify any maintenance needs of the facility that would impact their effectiveness.

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.
General	General. The District utilizes the table in Appendix A to monitor the goals of the SWMP.	The District utilizes the table in Appendix A to monitor the goals of the SWMP.
1a. Public Education	Hold Public Hearing on new Permit and SWMP	Informal meeting held on October 26, 2021 for technically approved SWMP. A final hearing pending EPA approval.
1b. Public Education	Review and Provide Bill inserts two times per year. Bill insert to include education on pet waste, oil and grease reduction, flushable items, and maintenance of decorative ponds and pools.	Bill Inserts were provided in April and October 2021.
1c. Public Education	Review and update District website for education on pet waste, oil and grease reduction, flushable items, and maintenance of decorative ponds and pools.	Additional link added to the District's website for Pool Water Management, Oil and Grease Management, Flushable Management, and Pet Waste (Scoop the Poop) in October 2021.
1d. Public Education	Post revised SWMP on Website within 30 days of TCEQ Approval	Updated SWMP (technically approved September 2021) added to the District's website in October 2021.
1e. Public Education	Post SWMP Annual Reports on Website within 30 days after the due date.	Year 1 and Year 2 annual reports verified on District's website in October 2021.
1f. Public Education	Post Spill Reporting Line on Website	TCEQ Spill Reporting Hotline phone number and link to TCEQ website for additional information on spills verified in October 2021.
1i. Public Education	Instruct construction site supervisors	The District had 4 active projects in 2021. Site visits and 3rd party inspection reports were received and reviewed.

1j. Public Education	Review establishment of "Grow Zones". Install signage along stream beds identifying "Grow Zones".	Periodic reviews are provided as needed.
1k. Public Education	Review existing pet waste stations and signage. Provide additional stations and pet waste bags as needed.	Approximately 54,400 bags were used in 2021. The District is in the process of expanding the park systems and additional stations will be added.
2a. Illicit Discharge Detections	Train District employees, contractor, and operator on SWMP	The District held 3 internal training sessions with employees and the district operators held a training session for their employees. Due to COVID, training sessions were limited this in the 2021 calendar year.
2b. Illicit Discharge Detections	System Map including outfalls, names and locations of ponds	Maps are updated as new development occurs and were last updated in February 2021. Maintenance restrictive covenant document numbers column added to System Map in March 2022
2c. Illicit Discharge Detections	System Map of the District sanitary sewer system	Maps are updated as new development occurs and were last updated in February 2021.
2d. Illicit Discharge Detections	Crossroads Utility Services & Districts' operator to Provide Routine Inspections for sanitary sewer systems located within 100 feet of the centerline of waterways.	Crossroads Utilities inspected 100% on the lines within the MS4 in March 2021 and did not identify any issues..
2e. Illicit Discharge Elimination	Complete installation of Low Flow Lift Station and East Lift Station Force Main Replacement	Construction is ongoing and expected to be completed in March 2022
3a. Construction Site Stormwater Runoff	Review Plans for compliance with District's MS4 Program	No new projects were filed with the District.
3b. Construction Site Stormwater Runoff	Receipt and consideration of input from the public regarding construction activities	Email and Phone number added to the District's website September 2021. No public comments received in 2021.

3c. Construction Site Stormwater Runoff	Provide Routine Site Inspections	District Engineer visited at least 30% of the active construction sites for review of compliance with the SWMP in 2021.
4a. Post Construction Stormwater Management in New Development & Redevelopment	Provide Routine Inspections of District Maintained Facilities	District facilities are monitored after rainfall events and a minimum of quarterly. A functional assessment of the District maintained ponds was completed in May 2021 by the District Engineer. Routine corrective items should be completed by August 2022.
4b. Post Construction Stormwater Management in New Development & Redevelopment	Request authority to enter and inspect private property including facilities, equipment, practices or operations of private stormwater facilities	2 projects completed requirement in 2021 Maintenance restrictive covenant document numbers column added to System Map in March 2022
5a. Pollution Prevention and Good Housekeeping for Municipal Operations	District Landscaper and District Operator to provide routine ground maintenance and trash removal on District property	The District Staff removed approximately 98.5 bags of trash for 2021. The District Landscaper removed approximately 98 CY of Litter/Trash, Leaves, Limbs, etc., 60 CY of Silt (routine and projects), and 48 CY of Ragweed for 2021.
5b. Pollution Prevention and Good Housekeeping for Municipal Operations	District Landscaper and District Operator to maintain Material Data Sheets on regulated chemicals, herbicides, and pesticides used in District	List of chemicals, herbicides, and pesticides used in the District provided to the District in March 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.?

Routine Pond Maintenance and inspections provide a direct and coordinated success towards the reduction of pollutants.

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.

Gillard Creek (segment 1428C) basin was previously listed as an impaired water. No changes have been made to any basins with in the permitted area.

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.

MCM 1k is focused on the removal of pet waste. MCM 2a focused on training of district employees, contractors, and operators. MCM 2d and MCM 2e are focused at reducing sanitary sewer overflows into the streams.

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

MCM 1k is focused on the removal of pet waste. MCM 2a focused on training of district employees, contractors, and operators. MCM 2d and MCM 2e are focused at reducing sanitary sewer overflows into the streams.

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
Bacteria	NA	MCM 1k – education on pet waste reduction is not quantifiable; however; waste stations are used and routinely refilled.	2019, 2020, 2021
Bacteria	NA	MCM 2a – training of personal to identify possible issues and how to handle issues is integral to an ongoing program.	2019, 2020, 2021
Bacteria	NA	MCM 2d and MCM 2e – no sanitary overflows were identified.	2019, 2020, 2021

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	MCM 1k. Pet Waste Reduction	Public education and providing pet waste stations in District parks.
Bacteria	MCM 2a. Training	On-going training to identify issues and resolution.
Bacteria	MCM 2d and 2e. Sanitary Sewer Overflows	Routine inspection and maintenance of aging infrastructure reduces potential risks and provides a reduction in potential sanitary sewer overflows

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

Description of bacteria-focused BMP	Comments/Discussion
Bacteria	See MCM's 1k, 2a, 2d and 2e

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

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

- number of sources identified or eliminated;
- number of illegal dumpings;

- increase in illegal dumping reported;
- number of educational opportunities conducted;
- reductions in sanitary sewer flows (SSOs); /or
- increase in illegal discharge detection through dry screening.

Benchmark Indicator	Description/Comments
MCM 1k. Reduction in Pet Waste	Approximately 54,400 disposal bags were used in 2021.
MCM 2d. Reduction in Sanitary Sewer Overflows	Crossroads Utilities inspected 100% of the lines in the MS4 in March 2021 and did not identify any issues.
MCM 2e. Reduction in Sanitary Sewer Overflows	Construction is ongoing and expected to be completed in March 2022.
MCM 4a. Post Construction Stormwater Management in New Development & Redevelopment	<p>District facilities are monitored after rainfall events and a minimum of quarterly. A functional assessment of the District maintained ponds was completed in May 2021 by the District Engineer.</p> <p>Routine corrective items should be completed by Aug 2022.</p>
MCM 5a. Pollution Prevention and Good Housekeeping for Municipal Operations	<p>The District Staff removed approximately 98.5 bags of trash for 2021.</p> <p>The District Landscaper removed approximately 98 CY of Litter/Trash, Leaves, Limbs, etc., 60 CY of Silt (routine and projects), and 48 CY of Ragweed for 2021.</p>

E. Stormwater Activities

Describe activities planned for the next reporting year:

MCM(s)	BMP	Stormwater Activity	Description/Comments
General	General. The District utilizes the table in Appendix A to monitor the goals of the SWMP.	NA	See Appendix A for a list of ongoing activities in 2022 (Year 4)

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)
N/A		

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.

BMP	Description	Implementation Schedule (start date, etc.)	Status/Completion Date (completed, in progress, not started)
General	Routine monitoring of Appendix A MCM's	On-going	On-going

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:

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 N/A

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

Authorization Number: N/A Permittee: _____

Authorization Number: _____ Permittee: _____

Authorization Number: _____ Permittee: _____

Authorization Number: _____ Permittee: _____

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):

2

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	<u>8.5 acres</u>


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): Scott J. Foster, P.E. Title: Engineer for the District,
360 Professional Services, Inc.

Signature:  Date: 03/17/2022

Name of MS4 Northtown Municipal Utility District

Name (printed): _____ Title: _____

Signature: _____ Date: _____

Name of MS4 _____

If you have questions on how to fill out this form or about the Stormwater Permitting program, please contact us at 512-239-4671.

Individuals are entitled to request and review their personal information that the agency gathers on its forms. They may also have any errors in their information corrected. To review such information, contact us at 512-239-3282.

Executive Director
Texas Commission on Environmental Quality
Storm Water and Pretreatment Team
P.O. Box 13087, MC-148
Austin, TX 78711-3087

Subject: Delegation of Signatories to Reports

Facility/Company/Site Name: Northtown MUD
TPDES Permit Number: TXR040347

Dear Executive Director:

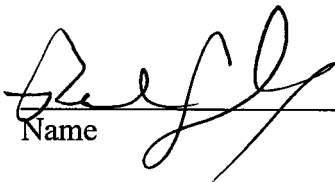
This letter serves to designate the following people or positions as authorized personnel for signing reports, storm water pollution prevention plans, certifications or other information requested by the Executive Director or required by the general permit, as set forth by 30 TAC §305.128 (see page 2).

Name or Position	Scott J. Foster, P.E. – Engineer for the District
Name or Position	Sue Brooks Littlefield, Esq. – Attorney for the District
Name or Position	
Name or Position	

I understand that this authorization does not extend to the signing of a Notice of Intent for obtaining coverage under a storm water general permit.

By signing this authorization, I confirm that I meet the requirements to make such a designation as set forth in 30 TAC §305.44 (see page 2).

Sincerely,


Name

President, Board of Directors
Title

9-28-2010
Date

RELEVANT PROVISIONS

305.128(a) All reports requested by permits and other information requested by the executive director shall be signed by a person described in §305.44(a) of this title (relating to Signatories to Applications) or by a duly authorized representative of that person. A person is a duly authorized representative only if:

(1) the authorization is made in writing by a person described in §305.44(a) of this title (relating to Signatories to Applications);

(2) the authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity or for environmental matters for the applicant, such as the position of plant manager, operator of a well or well field, environmental manager, or a position of equivalent responsibility. (A duly authorized representative may thus be either a named individual or any individual occupying a named position); and

(3) the written authorization is submitted to the executive director.

(b) If an authorization under this section is no longer accurate because of a change in individuals or position, a new authorization satisfying the requirements of this section must be submitted to the executive director prior to or together with any reports, information, or applications to be signed by an authorized representative.

(c) Any person signing a report required by a permit shall make the certification set forth in §305.44(b) of this title (relating to Signatories to Applications).

305.44(a) All applications shall be signed as follows.

(1) For a corporation, the application shall be signed by a responsible corporate officer. For purposes of this paragraph, a responsible corporate officer means a president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation; or the manager of one or more manufacturing, production, or operating facilities employing more than 250 persons or having gross annual sales or expenditures exceeding \$25 million (in second-quarter 1980 dollars), if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures. Corporate procedures governing authority to sign permit or post-closure order applications may provide for assignment or delegation to applicable corporate positions rather than to specific individuals.

(2) For a partnership or sole proprietorship, the application shall be signed by a general partner or the proprietor, respectively.

(3) For a municipality, state, federal, or other public agency, the application shall be signed by either a principal executive officer or a ranking elected official. For purposes of this paragraph, a principal executive officer of a federal agency includes the chief executive officer of the agency, or a senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., regional administrator of the EPA).

(b) A person signing an application shall make the following 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 gather and evaluate 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 there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Appendix A - List of Measurable Goals



Northtown Municipal Utility District
Stormwater Management Program
 Phase II MS4 Permit No. TXR040000
 Authorization Number TXR040347

IMPLEMENTATION SCHEDULE

The SWMP outlined general goals to be implemented. The implementation schedule below is intended to provide more specific measurable guidance on how the SWMP is to be implemented. The chart below is intended to provide a tracking mechanism to facilitate the preparation of future required annual reports. Pursuant to TCEQ Comments received in August 2021, the chart was updated for Years 3, 4, and 5 to provide more refined measurable goals. As such, Years 1 and 2 may not directly correspond to the specific measurement, but the goals were implemented as noted.

MCM(s)	BMP	Measurable Goal	Status / Completion Date (completed, in progress, not started)				
			Year 1 (December 2019)	Year 2 (December 2020)	Year 3 (December 2021)	Year 4 (December 2022)	Year 5 (December 2023)
1a. Public Education	Hold Public Hearing on new Permit and SWMP.	Conduct at least 1 public meeting annually	December 2019	December 2020	December 2021 Informal meeting held on October 26, 2021 for technically approved SWMP. A final hearing pending EPA approval.	December 2022	December 2023
1b. Public Education	Review and Provide Bill inserts two times per year. Bill inserts to include education on pet waste, oil and grease reduction, flushable items, and maintenance of decorative ponds and pools.	Include stormwater inserts with bills to 100% of the MUD utility customers semi- annually	December 2019	December 2020	December 2021 Bill insert was provided in April 2021. Bill insert was updated and provided in October 2021. Bill flyer updated on the District's website in Oct 2021.	December 2022	December 2023
1c. Public Education	Review and update District website for education on pet waste, oil and grease reduction, flushable items, and maintenance of decorative ponds and pools.	Post at least 1 new stormwater document information annually.	NA	NA	December 2021 Additional link added to the District's website for Pool Water Management, Oil and Grease Management, Flushable Management, and Pet Waste (Scoop the Poop) in October 2021 and verified in March 2022	December 2022	December 2023
1d. Public Education	Post revised SWMP on Website within 30 days of TCEQ Approval	Post the TCEQ approved SWMP on the website.	December 2019	December 2020	December 2021 Updated SWMP (technically approved Sept 2021) added to the District's website in October 2021. Final report to be added upon EPA approval.	December 2022	December 2023



**Northtown Municipal Utility District
Stormwater Management Program**
Phase II MS4 Permit No. TXR040000
Authorization Number TXR040347

MCM(s)	BMP	Measurable Goal	Status / Completion Date (completed, in progress, not started)				
			Year 1 (December 2019)	Year 2 (December 2020)	Year 3 (December 2021)	Year 4 (December 2022)	Year 5 (December 2023)
Ie. Public Education	Post SWMP Annual Reports on Website within 30 days after the due date.	Post SWMP Annual Reports on Website within 30 days after the due date of March 31 for the reporting calendar year	NA	Post year 1 annual report by March 31, 2020	Post year 2 annual report by March 31, 2021 Year 1 and Year 2 annual reports verified on District's website in October 2021.	Post year 3 annual report by March 31, 2022	Post year 2 annual report by March 31, 2023
If. Public Education	Post Spill Reporting Line on Website	Provide date the spill reporting line was verified. Annually review the District's website to confirm information is current Respond to 100% of reported spills	December 2019 - Post The Spill Reporting Line the District's website. Respond to 100% of reported spills	Respond to 100% of reported spills December	Respond to 100% of reported spills December No spills reported in 2021. TCEQ Spill Reporting Hotline phone number and link to TCEQ website for additional information on spills verified in October 2021.	Respond to 100% of reported spills December	Respond to 100% of reported spills December
Ig. Public Education	Provide notice to TDS of the Districts SWMP and TDS to train staff	Provide date that the TDS of the Districts SWMP and Provide date of TDS training. Training to be provided at least once a permit term for the approved SWMP. Conduct at least 1 TDS training class per in Year 3 and Year 5,	December 2019	December 2020	December 2021 Postponed to Year 4 due to COVID restrictions	December 2022	December 2023
Ih. Public Education	Meet with School Representatives	Attend at least 1 meeting with School representatives in Year 3 and Year 5 to develop training for schools	NA - Scheduled for December 2021	NA - Scheduled for December 2021	December 2021 Postponed to Year 4 due to COVID restrictions.	NA - Scheduled for December 2023	December 2023
Ii. Public Education	Instruct construction site supervisors	District Engineer to instruct construction site supervisors inspection requirements District. District Engineer shall require that third party inspection reports for 100% of active construction sites be provided to the District. District Engineer. District Engineer shall visit 100% of sites inspected	December 2019	December 2020	December 2021 The District had 4 active projects in 2021. Site visits and 3 rd party inspection reports were received and reviewed.	December 2022	December 2023



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			Year 1 (December 2019)	Year 2 (December 2020)	Year 3 (December 2021)	Year 4 (December 2022)	Year 5 (December 2023)
1j. Public Education	Review establishment of "Grow Zones". Install signage along stream beds identifying "Grow Zones".	Review 100% of Grow Zone and install sign to identify Grow Zones yearly. Inspect Signage yearly.	December 2019	December 2020	December 2021 Signage inspected in 2021 and no additional signage needed	December 2022	December 2023
1k. Public Education	Review existing pet waste stations and signage. Provide additional stations and pet waste bags as needed.	Review yearly and provide number of stations added and bags used. Replace pet waste bags at 100 % of pet waste station. Add at least 1 by pet waste station every other year	December 2019	December 2020 Approximately 18,000 bags were used in 2020.	December 2021 Approximately 54,400 bags were used in 2021.	December 2022	December 2023
2a. Illicit Discharge Detections	Train District employees, contractor, and operator on SWMP	Training to be provided at least once in Year 3 and Year 5.	NA - Scheduled for December 2021	NA - Scheduled for December 2021	December 2021 Information on revised SWMP provided on October 2021. Crossroad Utility MS4 training was completed in November 2021. Texascapes provided training on Materials Storage & Spill Cleanup and Stormwater Pollution Prevention in April 2021. NTMUD provided Internal Training Discussions in June, August, and December 2021.	NA - Scheduled for December 2023	December 2023
2b. Illicit Discharge Detections	System Map including outfalls, names and locations of ponds	Completed every 3-5 years and a minimum of at least once per permit term.	Completed with permit updated in 2018.	Map reviewed and no changes were needed.	Map reviewed and updated Feb 2021. Maintenance restrictive covenant document numbers column added to System Map in March 2022.	December 2022	December 2023



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			Year 1 (December 2019)	Year 2 (December 2020)	Year 3 (December 2021)	Year 4 (December 2022)	Year 5 (December 2023)
2c. Illicit Discharge Detections	System Map of the District sanitary sewer system	Completed every 3-5 years and a minimum of at least once per permit term.	Completed with permit updated in 2018.	Map reviewed and no changes were needed.	Map reviewed and updated Feb 2021.	December 2022	December 23
2d. Illicit Discharge Detections	Crossroads Utility Services & Districts' operator to Provide Routine Inspections for sanitary sewer systems located within 100 feet of the centerline of waterways.	Crossroads Utilities has an inspection program in place and is responsible for the implementation and will inspect 100% of the MS4 annually.	December 2019	December 2020	December 2021 Crossroads Utilities inspected 100% lines within the MS4 in March 2021 and did not identify any issues.	December 2022	December 2023
2e. Illicit Discharge Elimination	Complete installation of Low Flow Lift Station and East Lift Station Force Main Replacement	Plan approval and construction start and end dates.	December 2019 - Project is under design and plan review.	December 2020 - Construction plans were approved and project was bid out.	December 2021 - Construction is ongoing and expected to be completed in March 2022.	NA = Project Completed	NA = Project Completed
3a. Construction Site Stormwater Runoff	Review Plans for compliance with District's MS4 Program	District Engineer to review 100% of active construction site plans for compliance with District's MS4 Program during plan permitting process as received.	December 2019	December 2020	December 2021 No new projects were filed with the District.	December 2022	December 2023
3b. Construction Site Stormwater Runoff	Receipt and consideration of input from the public regarding construction activities.	The District has a standing monthly agenda item for public input and construction project updates. Documentation and action items are documented in monthly meeting minutes and action items directed by the Board. Residents can contact the District for any concerns or input via the website or telephone. Update District Website for contact information and review annually. Respond to 100 % of public input on construction site plans	December 2019	December 2020	December 2021 Email and Phone number added to the District's website Sept 2021. No public comments received in 2021.	December 2022	December 2023



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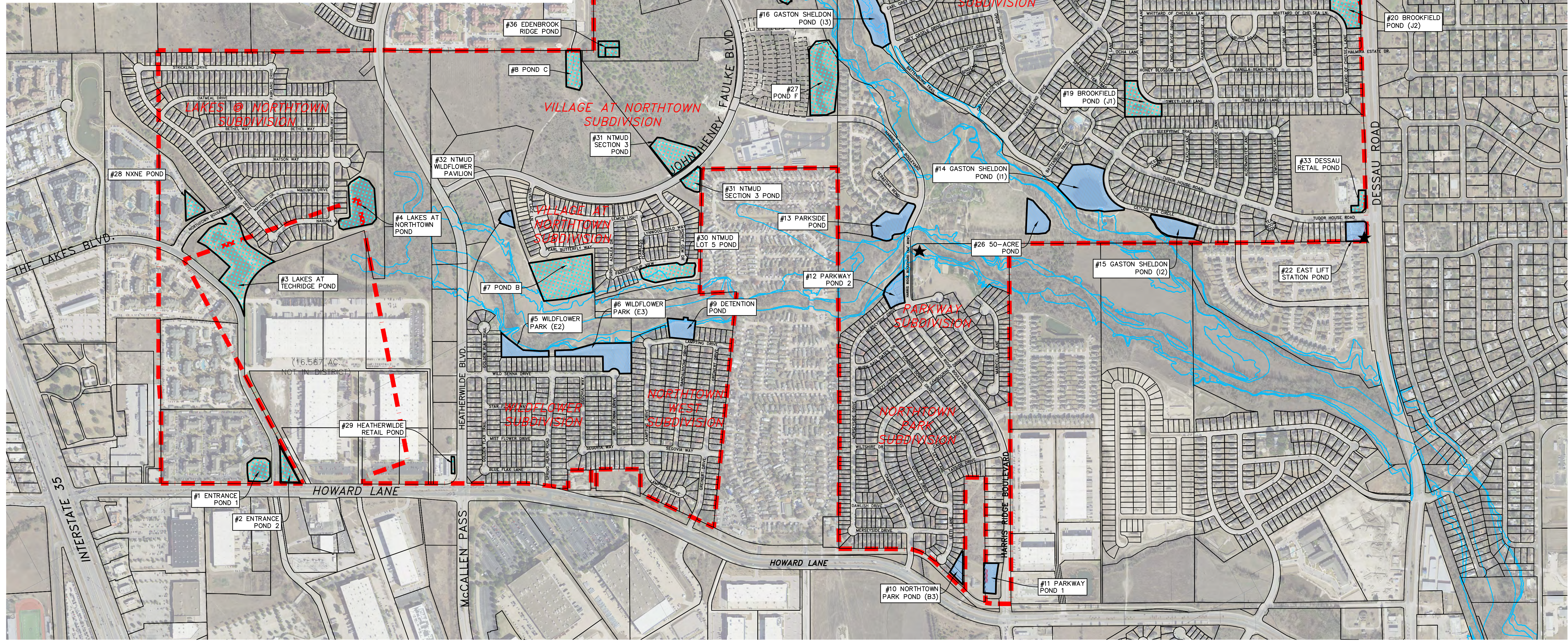
MCM(s)	BMP	Measurable Goal	Status / Completion Date (completed, in progress, not started)				
			Year 1 (December 2019)	Year 2 (December 2020)	Year 3 (December 2021)	Year 4 (December 2022)	Year 5 (December 2023)
3c. Construction Site Stormwater Runoff	Provide Routine Site Inspections	District Engineer to review plans for compliance with District's MS4 Program during plan permitting process as received. District Engineer shall require that third party inspection reports be provided to the District. District Engineer shall visit at least 30% of the active construction sites for review of compliance with the SWMP.	December 2019	December 2020	December 2021 District Engineer visited at least 30% of the active construction sites for review of compliance with the SWMP in 2021.	December 2022	December 2023
4a. Post Construction Stormwater Management in New Development & Redevelopment	Provide Routine Inspections of District Maintained Facilities	The District routinely inspected 100% of the ponds after every rainfall and at least on a quarterly basis.	December 2019	December 2020	December 2021 District facilities are monitored after rainfall events and a minimum of quarterly. A functional assessment of the District maintained ponds was completed in May 2021 by the District Engineer. Routine corrective items should be completed by Aug 2022.	December 2022	December 2023
4b. Post Construction Stormwater Management in New Development & Redevelopment	Request authority to enter and inspect private property including facilities, equipment, practices or operations of private stormwater facilities	Require a private restrictive covenant for the District's inspection and enforcement of maintenance with 100% of new construction projects. New projects in the District are limited, so this will be as needed.	NA	December 2020 - 1 project completed requirement	December 2021 - 2 projects completed requirement Maintenance restrictive covenant document numbers column added to System Map in March 2022	December 2022	December 2023
5a. Pollution Prevention and Good Housekeeping for Municipal Operations	District Landscaper and District Operator to provide routine ground maintenance and trash removal on District property.	Provide yearly overview of operations including number of bags of trash removed from District facilities.	NA	December 2020 District Landscaper collected approximately 100 bags of trash for 2020.	December 2021 The District Staff removed approximately 98.5 bags of trash for 2021. The District Landscaper removed approximately 98 CY of Litter/Trash, Leaves, Limbs, etc., 60 CY of Silt (routine and projects), and 48 CY of Ragweed for 2021.	December 2022	December 2023



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			Year 1 (December 2019)	Year 2 (December 2020)	Year 3 (December 2021)	Year 4 (December 2022)	Year 5 (December 2023)
5b. Pollution Prevention and Good Housekeeping for Municipal Operations	District Landscaper and District Operator to maintain Material Data Sheets on regulated chemicals, herbicides, and pesticides used in District	Provide an annual list of chemicals, herbicides, and pesticides used in the District.	NA	NA	December 2021 List of chemicals, herbicides, and pesticides used in the District provided to the District in March 2022.	December 2022	December 2023

NORTHTOWN MUD POND INVENTORY						Mar-22
#	POND NAME	HOA/MUD	WATER QUALITY TYPE	DETENTION	COA Project No.	Maintenance Restrictive Covenant Doc #
1	Entrance Pond 1	HOA	WET POND	NA	Unknown	
2	Entrance Pond 2	HOA	WET POND	NA	Unknown	
3	Lakes at Tech Ridge Pond	HOA	WET POND	NA	C8J-06-0041.5B	
4	Lakes at Northtown (E2)	HOA	WET POND	NA	2006-000041 C	
5	Wildflower Park (E2)	MUD	NA	Y	1995-000287 C8	
6	Wildflower Park (E3)	MUD	NA	Y	1995-000287 C8	
7	Pond B	HOA	SAND FILTER	Y	2007-106019 SP	
8	Pond C	HOA	SAND FILTER	Y	2007-106019 SP	
9	Detention Pond	MUD	NA	Y	1994-000002 C8	
10	Northtown Park Pond (B3)	MUD	NA	Y	1992-000153 C8	
11	Parkway Pond 1	MUD	SAND FILTER	Y	2004-000111 C	
12	Parkway Pond 2	MUD	SAND FILTER	Y	2004-000111 C	
13	Parkside Pond	MUD	WET POND	NA	2002-000035 C8	
14	Gaston Sheldon Pond (I1)	MUD	WET POND	NA	2000-002083 C8	
15	Gaston Sheldon Pond (I2)	MUD	NA	Y	2000-002083 C8	
16	Gaston Sheldon Pond (I3)	MUD	WET POND	NA	2000-002083 C8	
17	Pond D	HOA	SAND FILTER	Y	2007-106019 SP	
18	Pond E	HOA	SAND FILTER	Y	2007-106019 SP	
19	Brookfield Pond (J1)	HOA	WET POND	NA	2001-000237 C8	
20	Brookfield Pond (J3)	HOA	WET POND	NA	2002-000134 C	
22	East Lift Station Pond	MUD	SAND FILTER	NA	2000-002083 C8	
23	Settlers Meadow Pond (G2)	MUD	NA	Y	1997-000181 C8	
24	Settlers Meadow Pond (G3)	MUD	SAND FILTER	Y	1997-000181 C8	
25	Gaston Sheldon 5 Pond (I4)	MUD	SAND FILTER	Y	2000-002083 C	
26	50-Acre Detention Pond	MUD	NA	Y	SP-2009-0105D	
27	Pond F	HOA	WET POND	NA	SP-2009-0287D	2021159493
28	NXNE POND	HOA	SAND FILTER	Y	SP-2015-0076C	
29	Heatherwilde Retail Pond	OWNER	SAND FILTER	Y	(SP-2014-0430D - SP 2015-0481D)	
30	NTMUD Lot 5 Pond	HOA	SAND FILTER	Y	C8-2019-0203-1B	2019148893
31	NTMUD Section 3 Pond	HOA	SAND FILTER	Y	C8J-03-0159.03.3B	
32	NTMUD Wildflower Pavilion	MUD	RAIN GARDEN	Y	SP-2020-0127D	
33	Dessau Retail Pond	OWNER	SAND FILTER	Y	SP-2009-0061D	
34	Well Branch MF Ponds	OWNER	SAND FILTER	Y	SP-2019-0365D	2020221658
35	NTMUD Office and Park Pond	MUD	SAND FILTER	Y	SP-2020-0194D	
36	Edenbrook Ridge Pond	OWNER	SAND FILTER	Y	SP-2019-0577D	2021071255



App. _____
 No. _____ Date _____ Revisions _____

NOT FOR CONSTRUCTION
 Designer: SCOTT J. FOSTER P.E.
 P.E. No. 88652 Date: 3/15/2022

NORTHTOWN MUD
 AUSTIN, TEXAS

NORTHTOWN MUD
 MS4 SYSTEM MAP
 MARCH 2022

Scale: AS SHOWN
 Designed by: _____
 Drawn by: _____
 Checked by: _____
 Date: MARCH 2022
 Project No. _____

TEXAS FIRM REGISTRATION #4932
 P.O. BOX 3639
 CEDAR PARK, TEXAS 78613
 PHONE: (512) 902-7882
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 360 PROFESSIONAL SERVICES, INC.